

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
 Data File : VN083817.D
 Acq On : 11 Sep 2024 23:56
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/12/2024
 Supervised By : Mahesh Dadoda 09/12/2024

Quant Time: Sep 12 02:19:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	145158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	254589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	106323	48.576	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.160%		
35) Dibromofluoromethane	8.165	113	77819	47.746	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.500%		
50) Toluene-d8	10.565	98	283647	50.341	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.680%		
62) 4-Bromofluorobenzene	12.847	95	115420	49.651	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	85766	50.876	ug/l	100
3) Chloromethane	2.359	50	88447	51.431	ug/l	99
4) Vinyl Chloride	2.512	62	93212	50.445	ug/l	98
5) Bromomethane	2.900	94	49338	46.505	ug/l	97
6) Chloroethane	3.053	64	62512	48.229	ug/l	100
7) Trichlorofluoromethane	3.459	101	153930	49.077	ug/l	98
8) Diethyl Ether	3.953	74	54556	51.890	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.347	101	81521	49.036	ug/l	99
10) Methyl Iodide	4.571	142	105222	49.766	ug/l	94
11) Tert butyl alcohol	5.547	59	92466	315.479	ug/l	99
12) 1,1-Dichloroethene	4.324	96	78026	49.697	ug/l	92
13) Acrolein	4.177	56	78286	270.708	ug/l	99
14) Allyl chloride	5.012	41	141998	50.757	ug/l	97
15) Acrylonitrile	5.718	53	221906	278.397	ug/l	99
16) Acetone	4.436	43	197194	224.741	ug/l	98
17) Carbon Disulfide	4.694	76	203321	46.295	ug/l	98
18) Methyl Acetate	5.018	43	108647	59.793	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	298009	52.454	ug/l	99
20) Methylene Chloride	5.265	84	88176	49.108	ug/l	92
21) trans-1,2-Dichloroethene	5.777	96	80037	47.568	ug/l	86
22) Diisopropyl ether	6.671	45	304386	52.855	ug/l	99
23) Vinyl Acetate	6.600	43	1171944	277.886	ug/l	98
24) 1,1-Dichloroethane	6.565	63	166438	50.165	ug/l	98
25) 2-Butanone	7.482	43	306357	265.649	ug/l	99
26) 2,2-Dichloropropane	7.488	77	127499	41.728	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	99156	49.643	ug/l	97
28) Bromochloromethane	7.812	49	77192	55.247	ug/l	97
29) Tetrahydrofuran	7.835	42	202464	296.911	ug/l	98
30) Chloroform	7.959	83	174629	49.577	ug/l	99
31) Cyclohexane	8.253	56	142311	44.987	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	163606	50.514	ug/l	99
36) 1,1-Dichloropropene	8.365	75	120797	49.242	ug/l	98
37) Ethyl Acetate	7.565	43	125406	56.318	ug/l	100
38) Carbon Tetrachloride	8.359	117	140245	50.392	ug/l	97
39) Methylcyclohexane	9.594	83	136036	48.718	ug/l	97
40) Benzene	8.600	78	368336	49.885	ug/l	100

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 Sample : VSTDC0050
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 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Sep 12 02:19:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/12/2024
 Supervised By :Mahesh Dadoda 09/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	72574	55.105	ug/l	99
42) 1,2-Dichloroethane	8.671	62	140536	50.937	ug/l	99
43) Isopropyl Acetate	8.688	43	264172	65.468	ug/l	96
44) Trichloroethene	9.353	130	83511	48.841	ug/l	96
45) 1,2-Dichloropropane	9.623	63	89470	50.135	ug/l	95
46) Dibromomethane	9.706	93	65421	52.337	ug/l	99
47) Bromodichloromethane	9.888	83	140348	51.880	ug/l	99
48) Methyl methacrylate	9.676	41	109256	57.070	ug/l	97
49) 1,4-Dioxane	9.694	88	34486	1095.017	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	669322	304.718	ug/l	98
52) Toluene	10.629	92	231250	51.202	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	140754	51.331	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	145271	50.435	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	86102	51.066	ug/l	97
56) Ethyl methacrylate	10.876	69	153212	59.061	ug/l	97
57) 1,3-Dichloropropane	11.159	76	152365	52.578	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	324723	347.399	ug/l	98
59) 2-Hexanone	11.194	43	505104	310.866	ug/l	98
60) Dibromochloromethane	11.359	129	100672	53.351	ug/l	98
61) 1,2-Dibromoethane	11.470	107	87755	52.187	ug/l	100
64) Tetrachloroethene	11.100	164	68619	43.806	ug/l	97
65) Chlorobenzene	11.888	112	240542	45.948	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	86192	47.492	ug/l	99
67) Ethyl Benzene	11.965	91	442956	47.631	ug/l	97
68) m/p-Xylenes	12.070	106	323664	93.743	ug/l	98
69) o-Xylene	12.394	106	160913	48.142	ug/l	98
70) Styrene	12.412	104	273471	49.854	ug/l	100
71) Bromoform	12.576	173	63935	52.279	ug/l #	100
73) Isopropylbenzene	12.694	105	417170	45.020	ug/l	99
74) N-amyl acetate	12.494	43	230416	58.281	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	132580	48.696	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	129830m	53.720	ug/l	
77) Bromobenzene	12.976	156	93356	41.854	ug/l	95
78) n-propylbenzene	13.035	91	482611	44.763	ug/l	99
79) 2-Chlorotoluene	13.123	91	302922	44.055	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	347730	44.510	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	43810	47.477	ug/l	94
82) 4-Chlorotoluene	13.223	91	307669	44.589	ug/l	99
83) tert-Butylbenzene	13.435	119	307643	45.010	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	353198	45.007	ug/l	99
85) sec-Butylbenzene	13.617	105	420235	46.359	ug/l	99
86) p-Isopropyltoluene	13.729	119	348907	45.916	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	177104	42.072	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	182446	42.803	ug/l	100
89) n-Butylbenzene	14.053	91	308287	45.187	ug/l	99
90) Hexachloroethane	14.335	117	67039	43.888	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	183211	45.097	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29151	53.711	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	93663	42.963	ug/l	99
94) Hexachlorobutadiene	15.500	225	38240	41.303	ug/l	98
95) Naphthalene	15.641	128	347032	52.322	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	94482	45.347	ug/l	99

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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

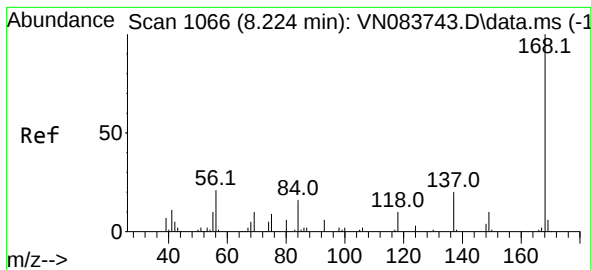
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

Quant Time: Sep 12 02:19:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



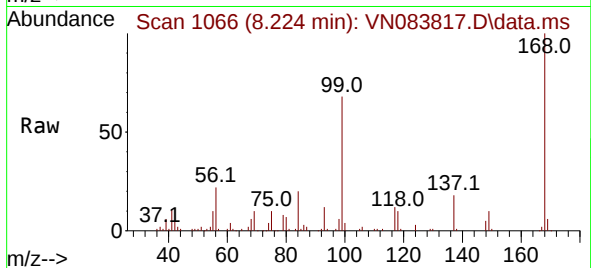
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



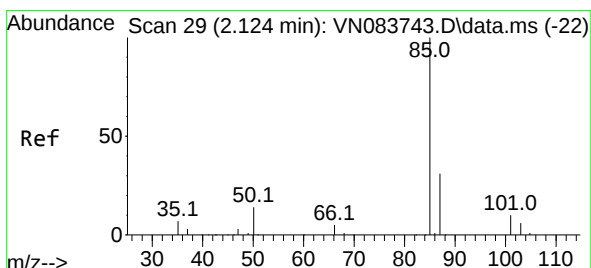
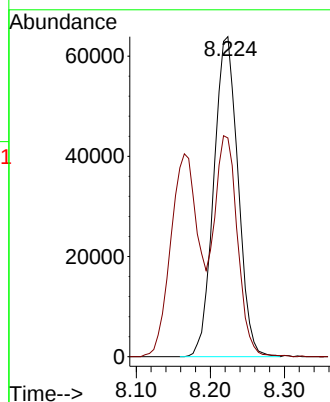
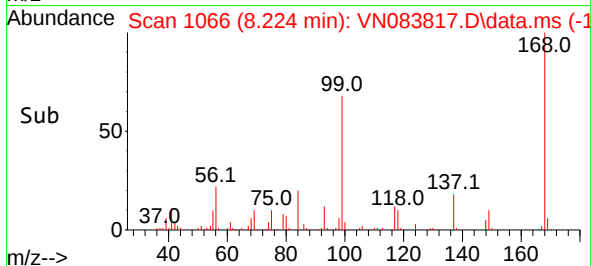
Tgt Ion:168 Resp: 145158
Ion Ratio Lower Upper
168 100
99 68.0 54.2 81.2

Manual Integrations

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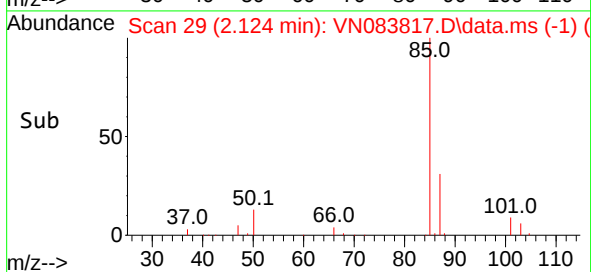
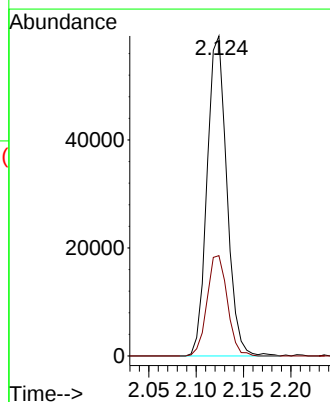
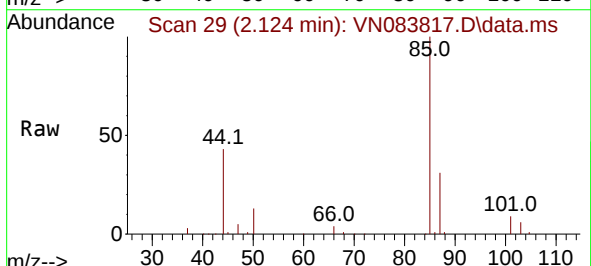
Reviewed By :John Carlone 09/12/2024

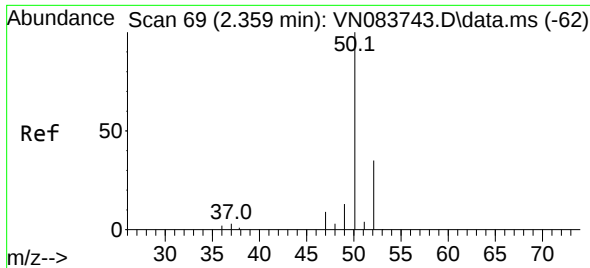
Supervised By :Mahesh Dadoda 09/12/2024



#2
Dichlorodifluoromethane
Concen: 50.876 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Tgt Ion: 85 Resp: 85766
Ion Ratio Lower Upper
85 100
87 31.3 15.7 47.0





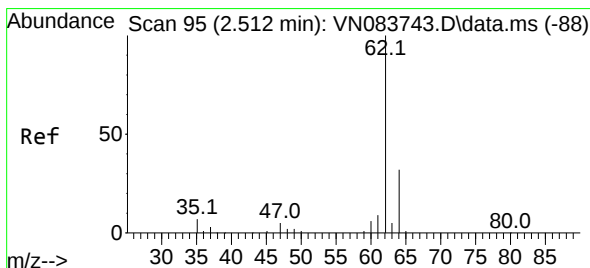
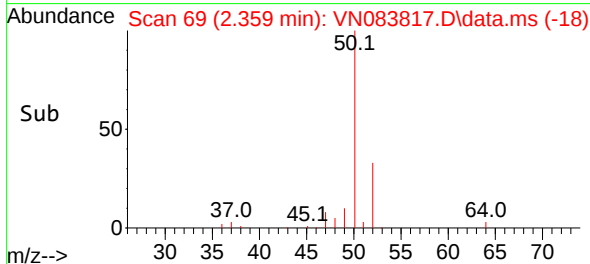
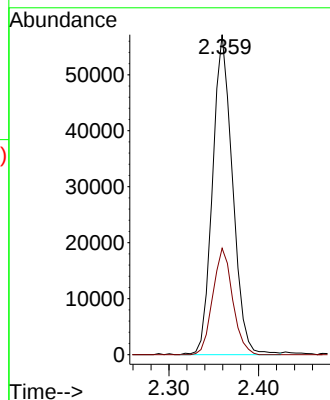
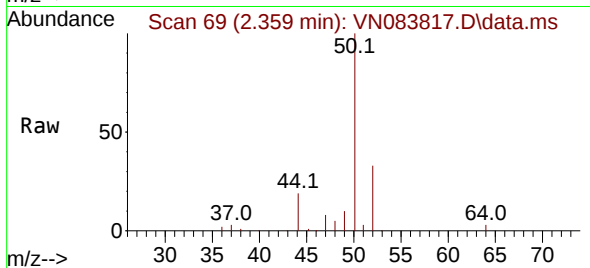
#3
Chloromethane
Concen: 51.431 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 8844
Ion Ratio Lower Upper
50 100
52 33.2 27.2 40.8

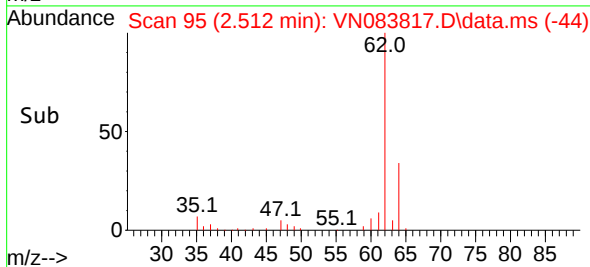
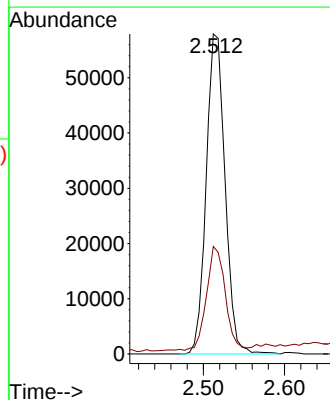
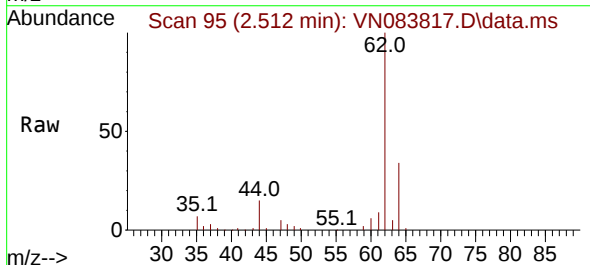
Manual Integrations
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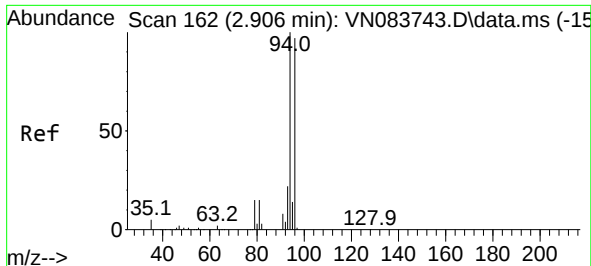
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#4
Vinyl Chloride
Concen: 50.445 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Tgt Ion: 62 Resp: 93212
Ion Ratio Lower Upper
62 100
64 32.1 24.7 37.1





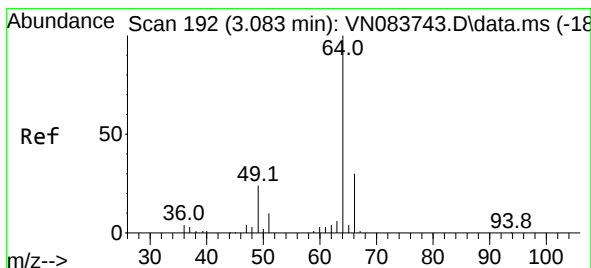
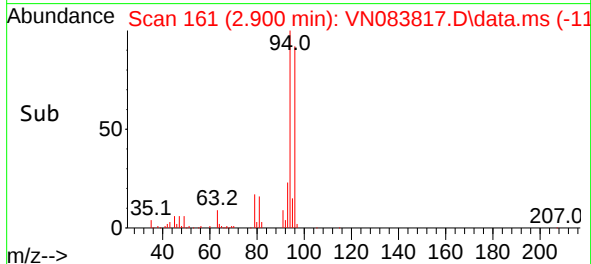
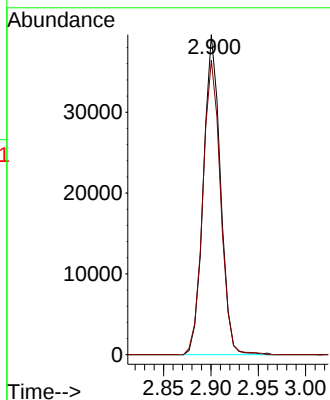
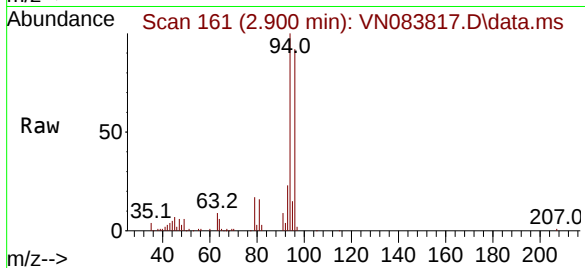
#5
Bromomethane
Concen: 46.505 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 49338
Ion Ratio Lower Upper
94 100
96 92.1 76.0 114.0

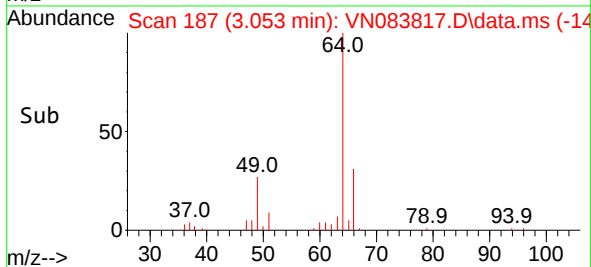
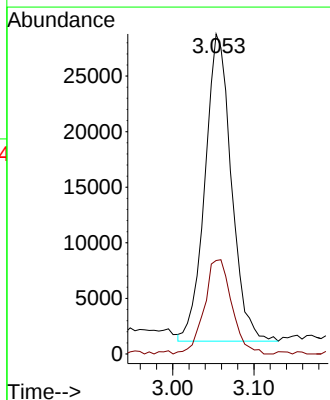
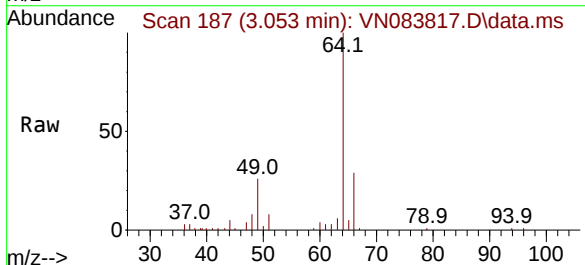
Manual Integrations
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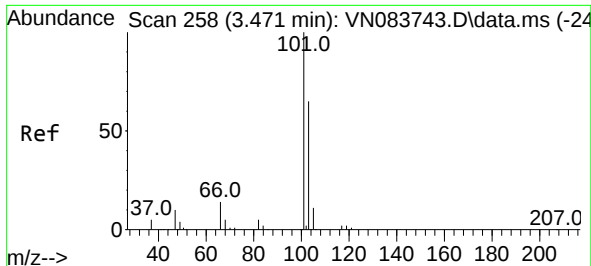
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#6
Chloroethane
Concen: 48.229 ug/l
RT: 3.053 min Scan# 187
Delta R.T. -0.030 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

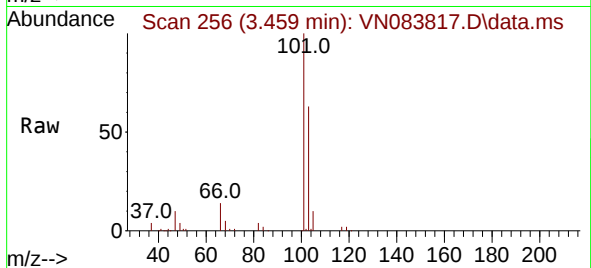
Tgt Ion: 64 Resp: 62512
Ion Ratio Lower Upper
64 100
66 29.8 23.9 35.9





#7
Trichlorofluoromethane
Concen: 49.077 ug/l
RT: 3.459 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

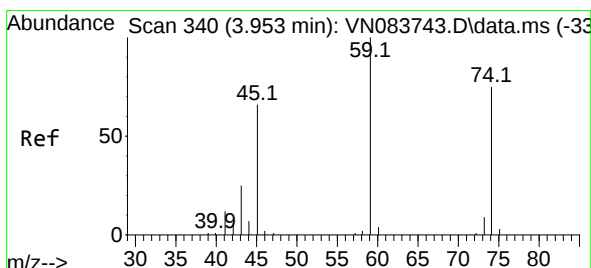
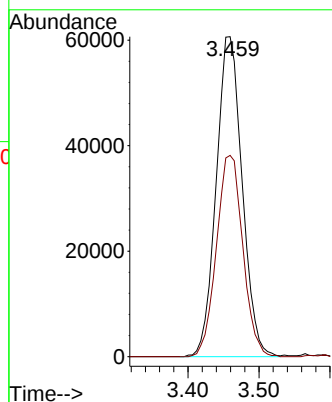
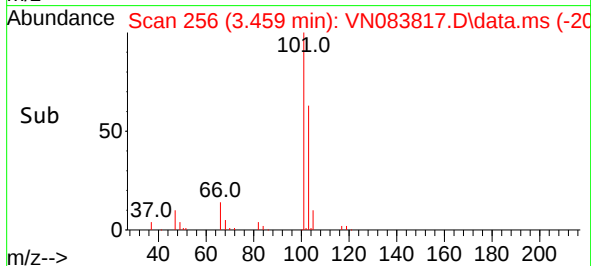
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 153930
Ion Ratio Lower Upper
101 100
103 62.9 51.4 77.0

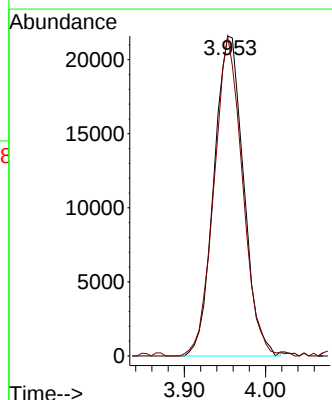
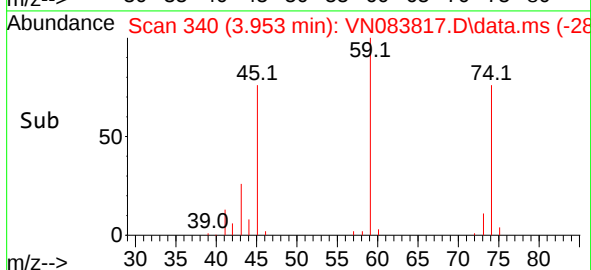
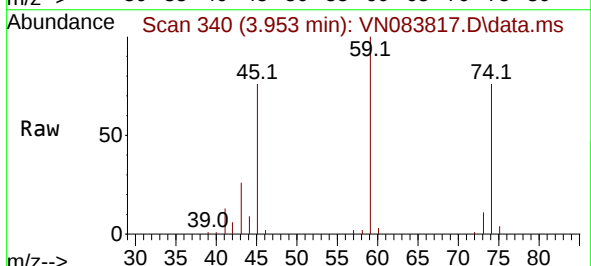
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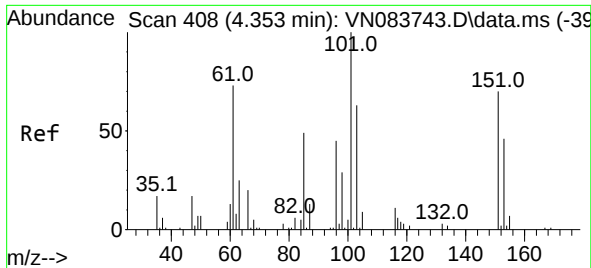
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#8
Diethyl Ether
Concen: 51.890 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Tgt Ion: 74 Resp: 54556
Ion Ratio Lower Upper
74 100
45 96.4 46.7 140.1





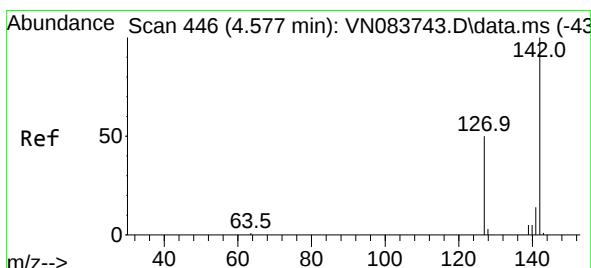
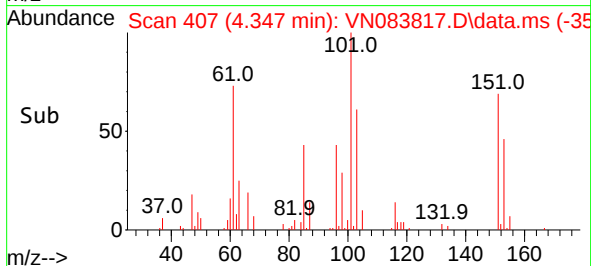
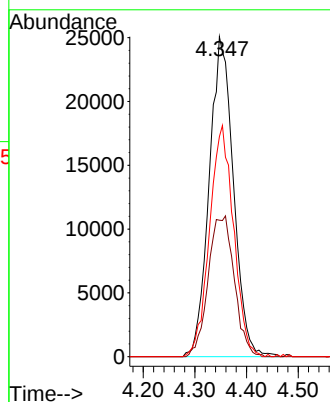
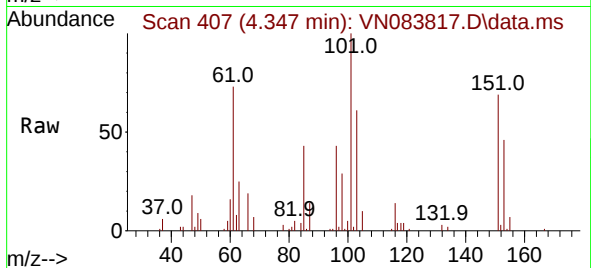
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.036 ug/l
RT: 4.347 min Scan# 408
Delta R.T. -0.006 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 8152
Ion Ratio Lower Upper
101 100
85 47.4 36.2 54.4
151 71.9 57.7 86.5

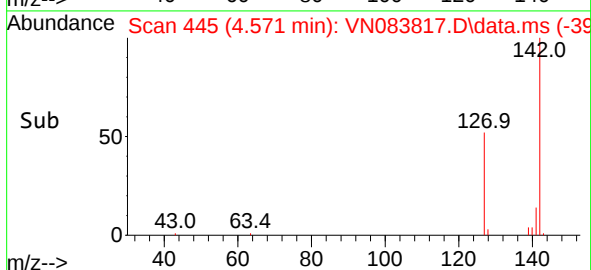
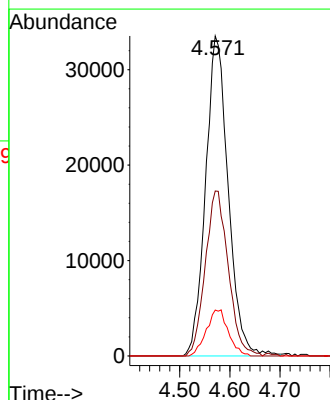
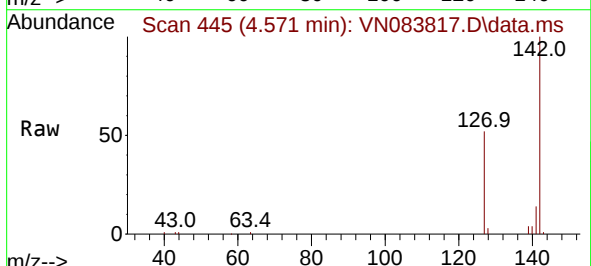
Manual Integrations
APPROVED

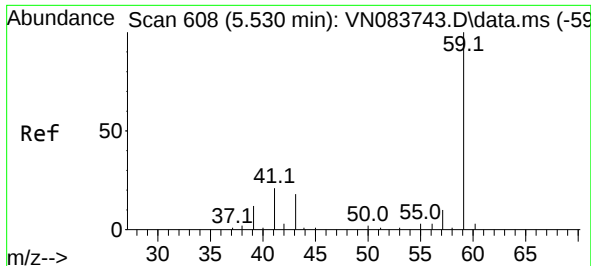
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#10
Methyl Iodide
Concen: 49.766 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.006 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

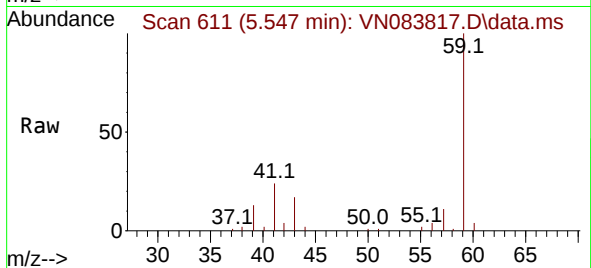
Tgt Ion:142 Resp: 105222
Ion Ratio Lower Upper
142 100
127 51.6 37.5 56.3
141 14.4 11.0 16.4





#11
Tert butyl alcohol
Concen: 315.479 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.018 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

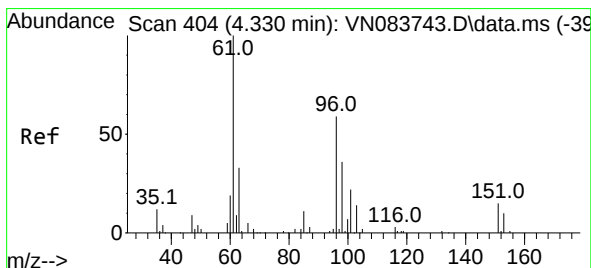
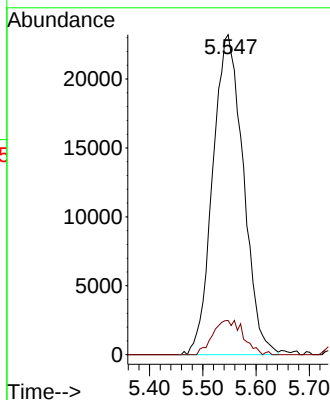
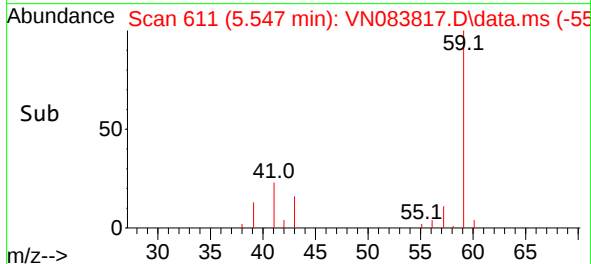
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



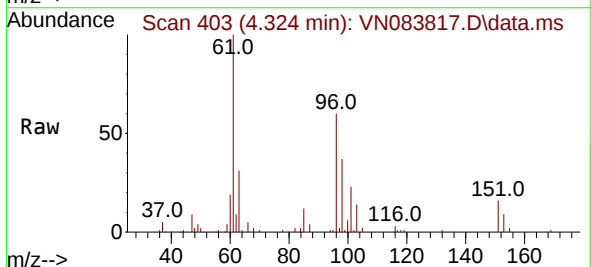
Tgt Ion: 59 Resp: 9246
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

Manual Integrations
APPROVED

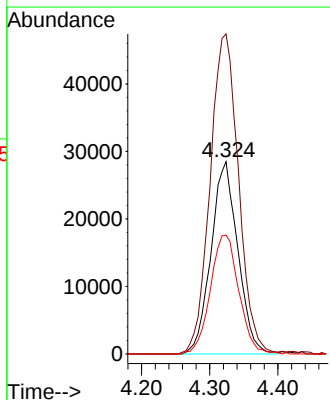
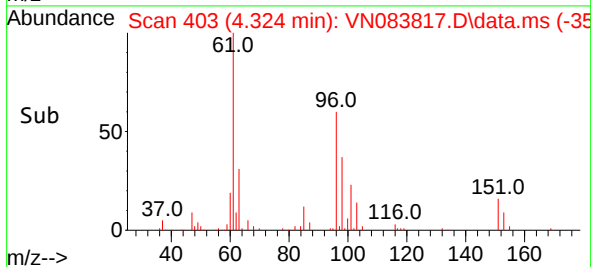
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

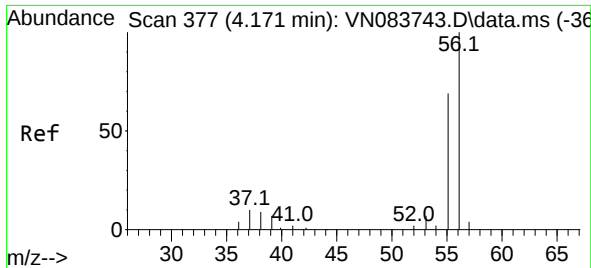


#12
1,1-Dichloroethene
Concen: 49.697 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.006 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56



Tgt Ion: 96 Resp: 78026
Ion Ratio Lower Upper
96 100
61 166.4 143.4 215.0
98 61.8 52.7 79.1





#13

Acrolein

Concen: 270.708 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN083817.D

Acq: 11 Sep 2024 23:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 78280

Ion Ratio Lower Upper

56 100

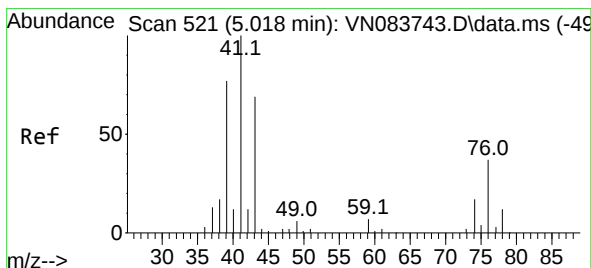
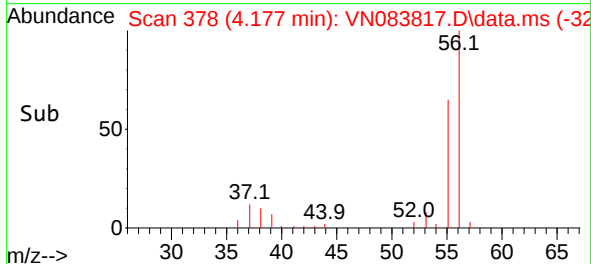
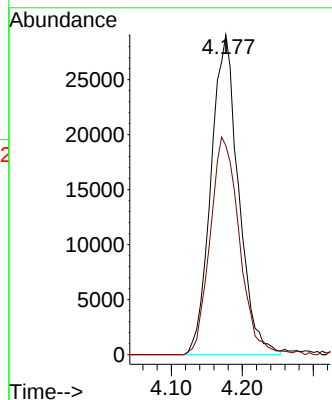
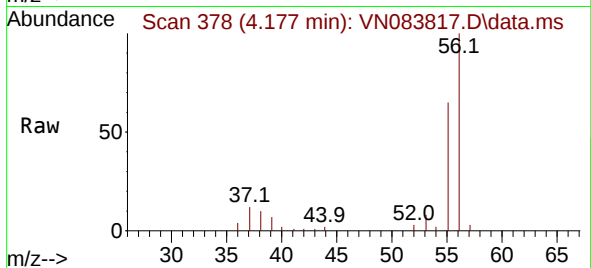
55 72.2 58.2 87.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2024

Supervised By :Mahesh Dadoda 09/12/2024



#14

Allyl chloride

Concen: 50.757 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.006 min

Lab File: VN083817.D

Acq: 11 Sep 2024 23:56

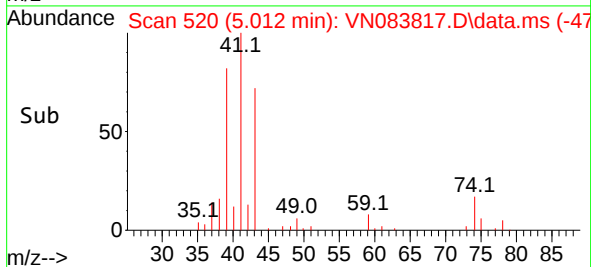
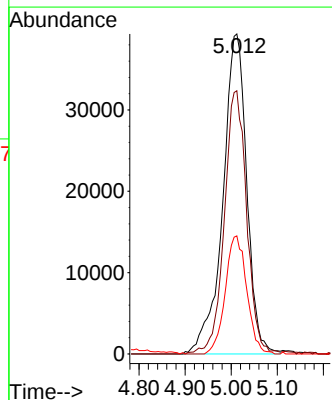
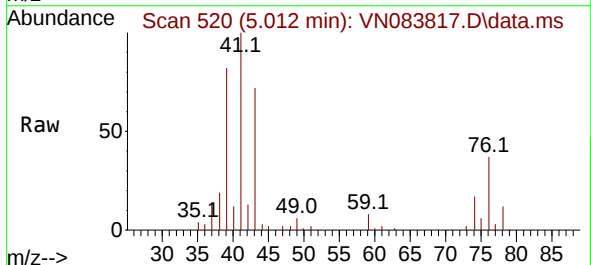
Tgt Ion: 41 Resp: 141998

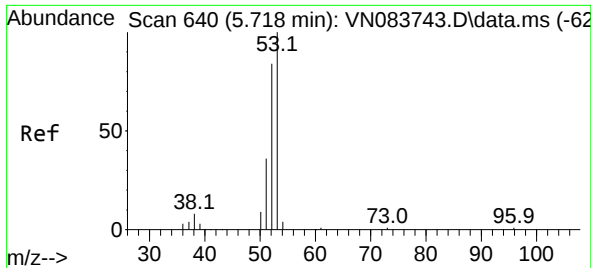
Ion Ratio Lower Upper

41 100

39 76.6 59.3 88.9

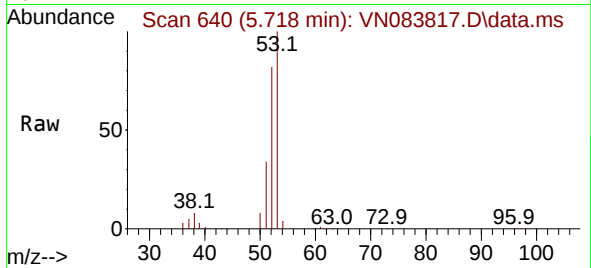
76 33.1 27.7 41.5





#15
Acrylonitrile
Concen: 278.397 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

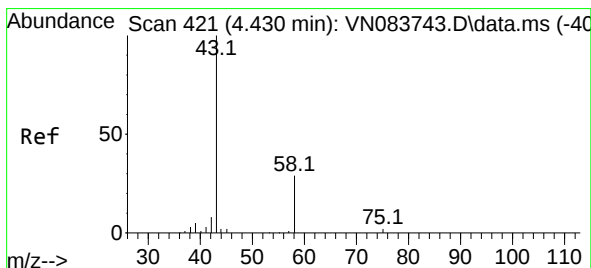
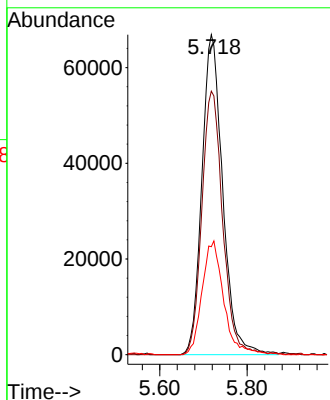
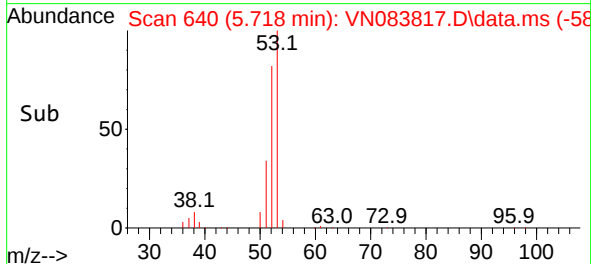
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 221900
Ion Ratio Lower Upper
53 100
52 82.1 66.1 99.1
51 36.7 29.6 44.4

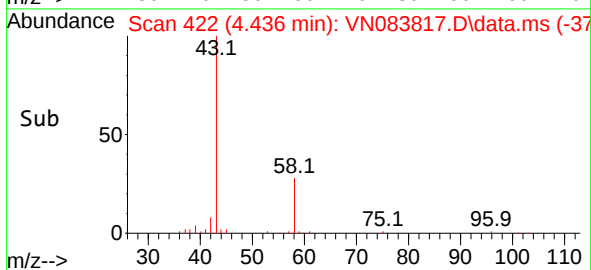
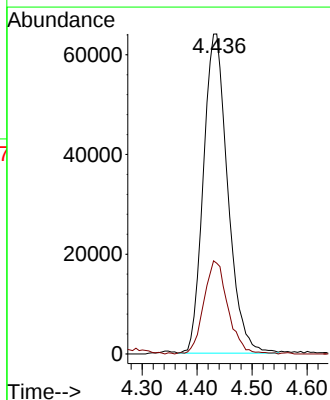
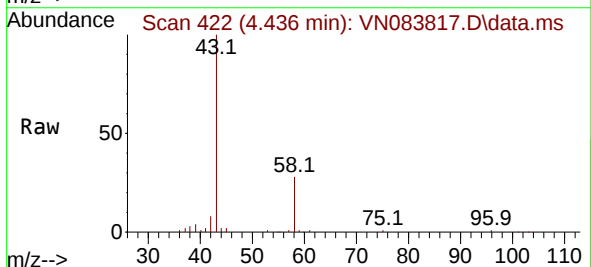
Manual Integrations
APPROVED

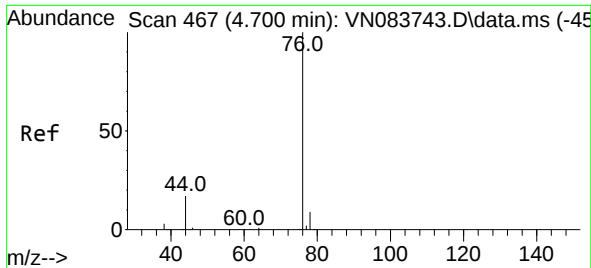
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#16
Acetone
Concen: 224.741 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Tgt Ion: 43 Resp: 197194
Ion Ratio Lower Upper
43 100
58 28.4 23.7 35.5





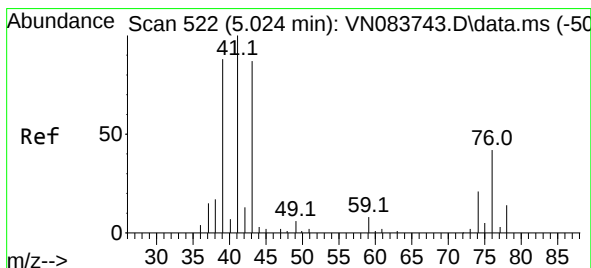
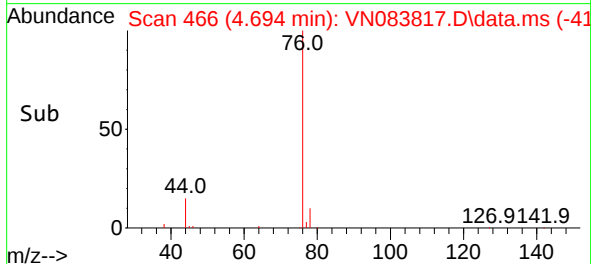
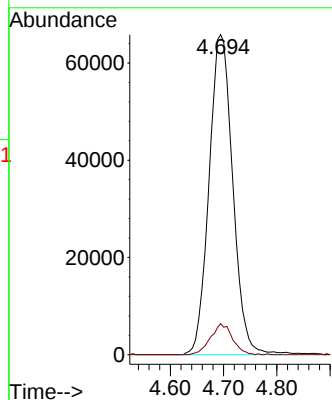
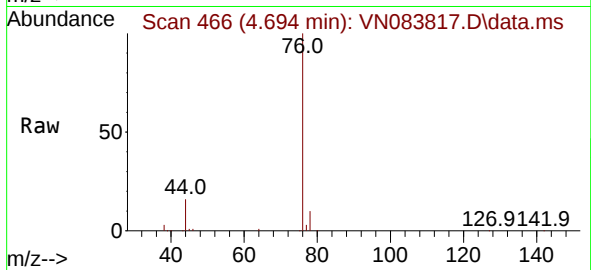
#17
Carbon Disulfide
Concen: 46.295 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.006 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 20332
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7

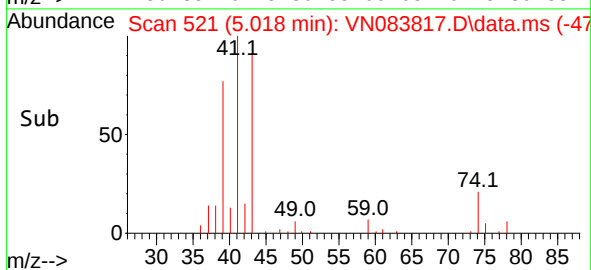
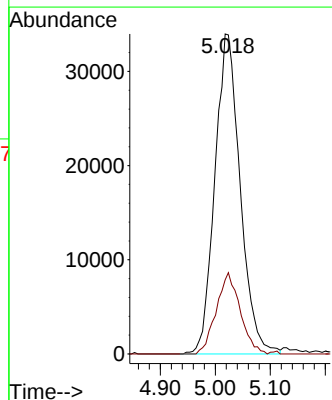
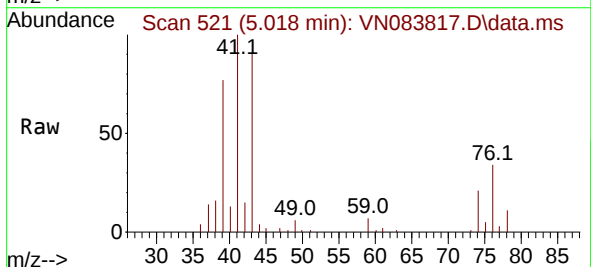
Manual Integrations
APPROVED

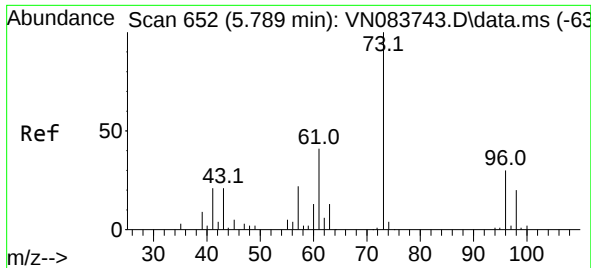
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#18
Methyl Acetate
Concen: 59.793 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Tgt Ion: 43 Resp: 108647
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.4





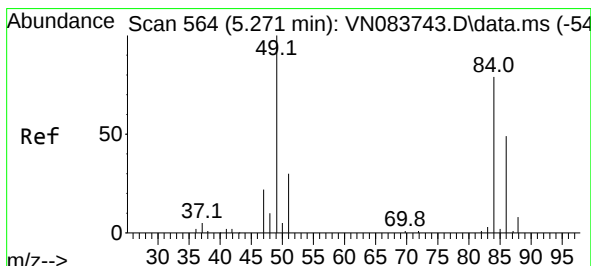
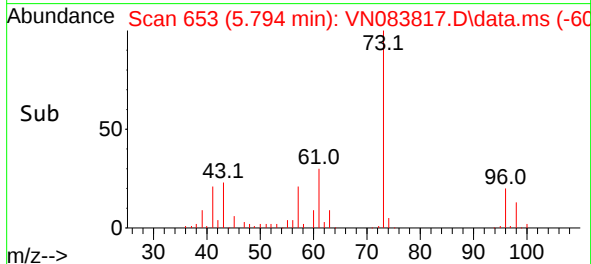
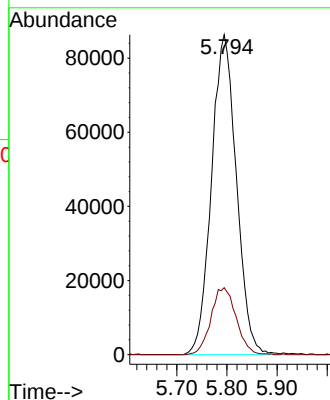
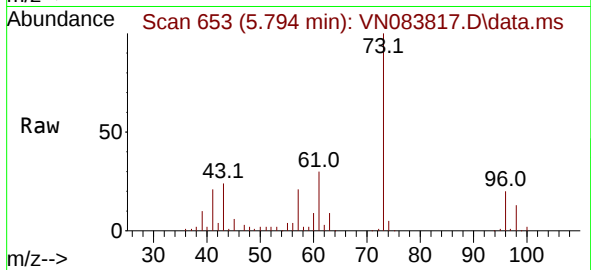
#19
Methyl tert-butyl Ether
Concen: 52.454 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 298009
Ion Ratio Lower Upper
73 100
57 21.0 17.0 25.6

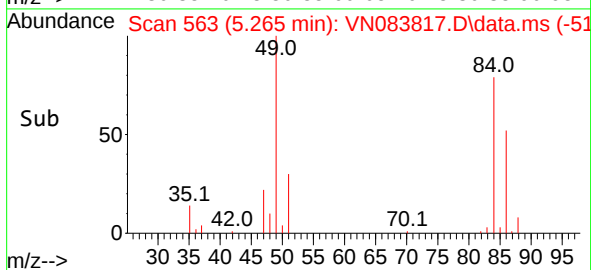
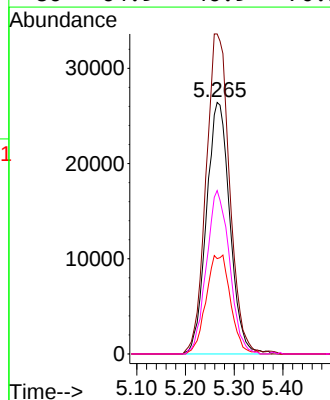
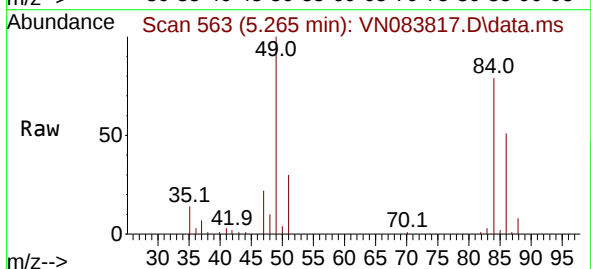
Manual Integrations
APPROVED

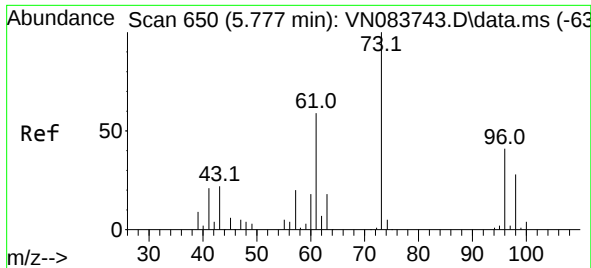
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#20
Methylene Chloride
Concen: 49.108 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Tgt Ion: 84 Resp: 88176
Ion Ratio Lower Upper
84 100
49 127.2 93.4 140.0
51 37.9 29.2 43.8
86 64.9 46.9 70.3





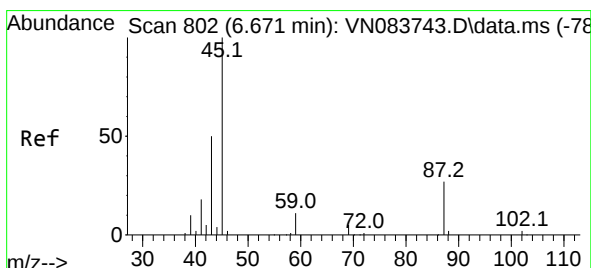
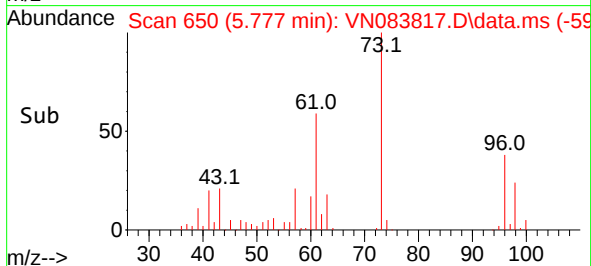
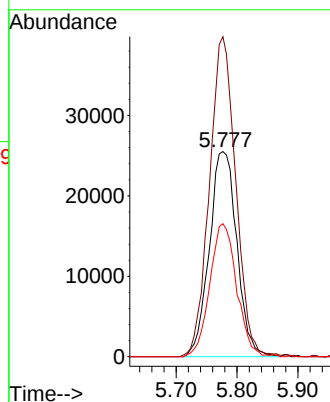
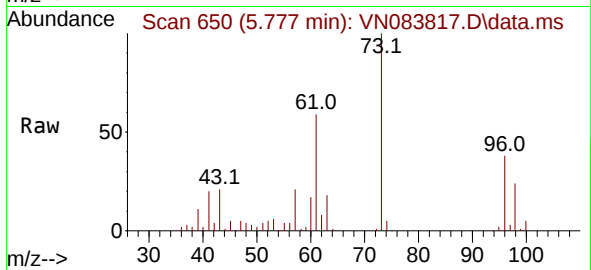
#21
trans-1,2-Dichloroethene
Concen: 47.568 ug/l
RT: 5.777 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 8003
Ion Ratio Lower Upper
96 100
61 156.0 106.0 159.0
98 64.8 52.2 78.2

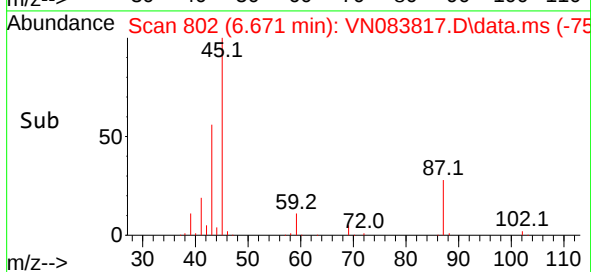
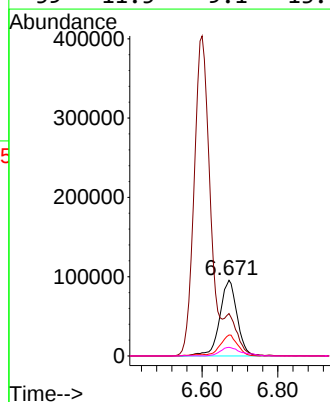
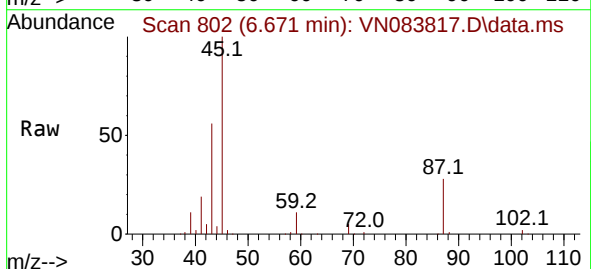
Manual Integrations
APPROVED

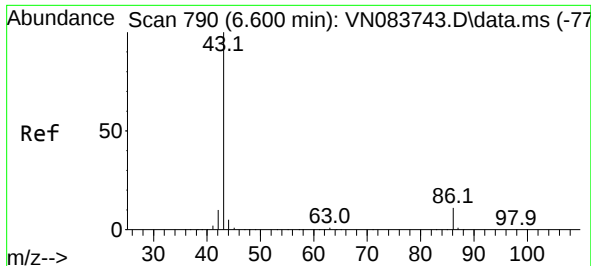
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#22
Diisopropyl ether
Concen: 52.855 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

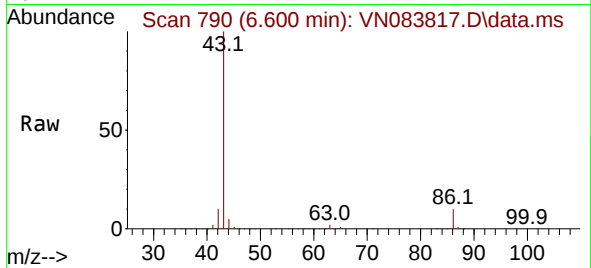
Tgt Ion: 45 Resp: 304386
Ion Ratio Lower Upper
45 100
43 55.5 43.4 65.0
87 27.7 22.6 33.8
59 11.5 9.1 13.7





#23
 Vinyl Acetate
 Concen: 277.886 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN083817.D
 Acq: 11 Sep 2024 23:56

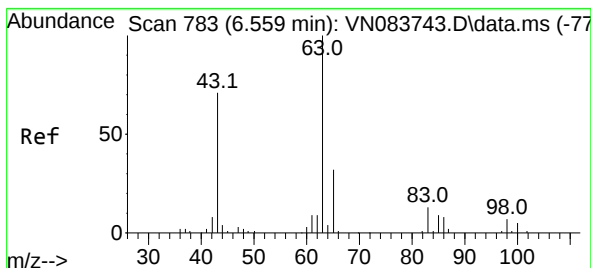
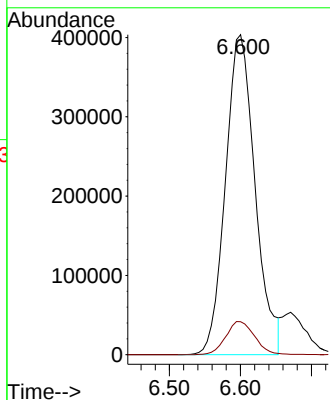
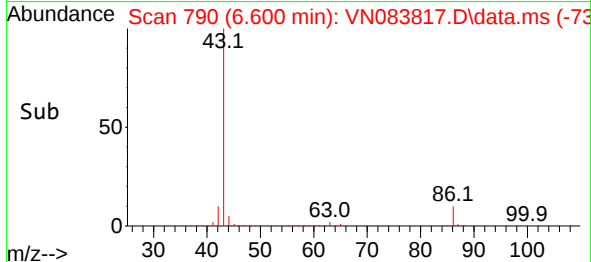
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



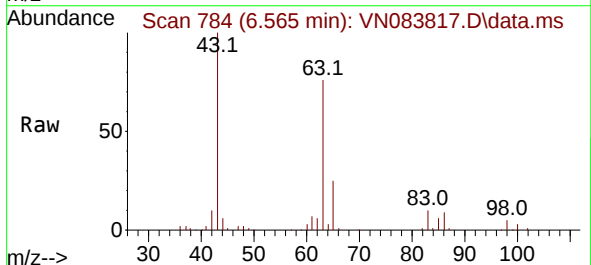
Tgt Ion: 43 Resp: 1171944
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.7 13.1

Manual Integrations
 APPROVED

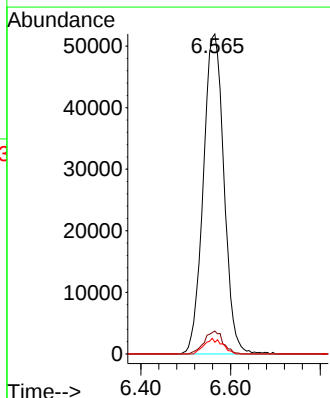
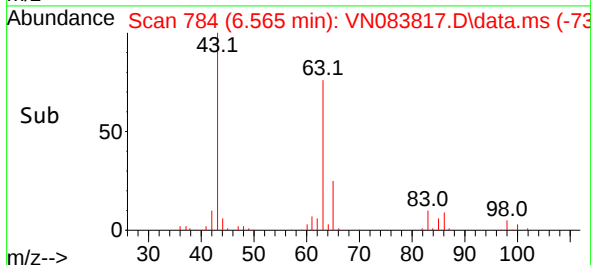
Reviewed By :John Carlone 09/12/2024
 Supervised By :Mahesh Dadoda 09/12/2024

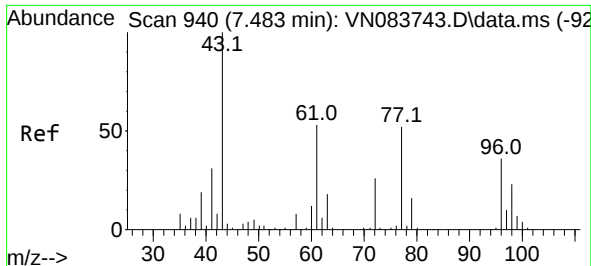


#24
 1,1-Dichloroethane
 Concen: 50.165 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.006 min
 Lab File: VN083817.D
 Acq: 11 Sep 2024 23:56



Tgt Ion: 63 Resp: 166438
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 3.7 2.5 7.5





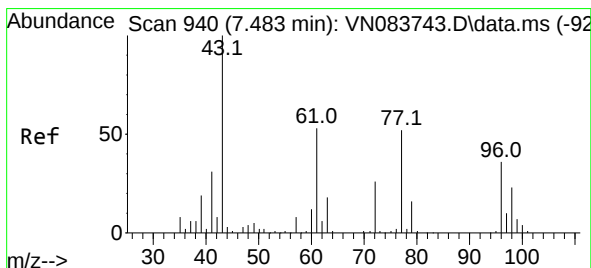
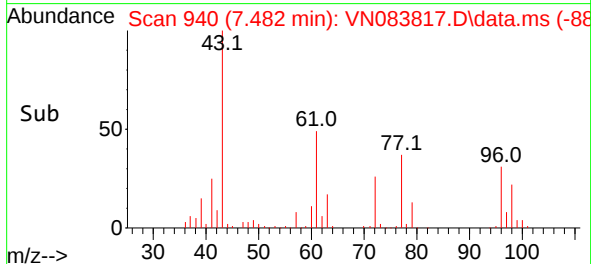
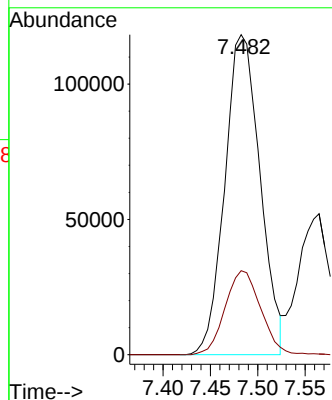
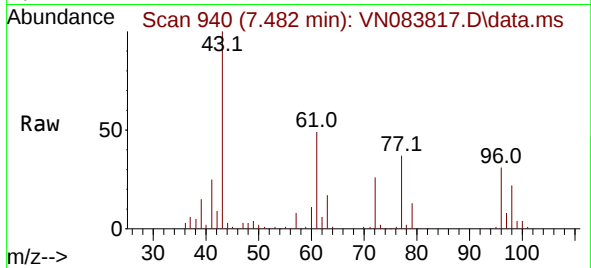
#25
2-Butanone
Concen: 265.649 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 30635
Ion Ratio Lower Upper
43 100
72 26.3 20.8 31.2

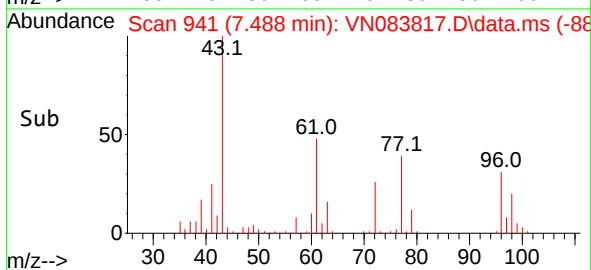
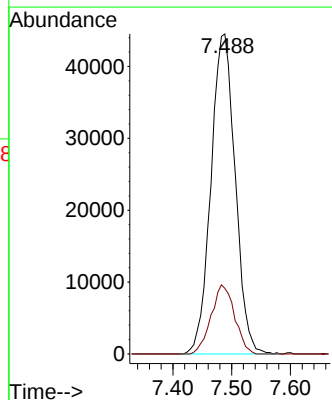
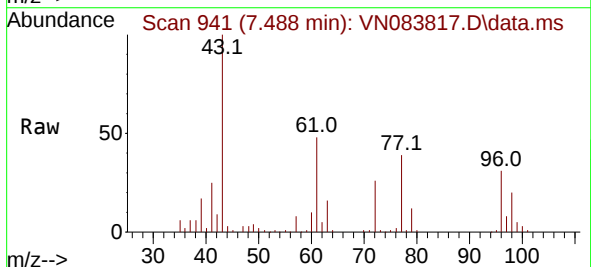
Manual Integrations
APPROVED

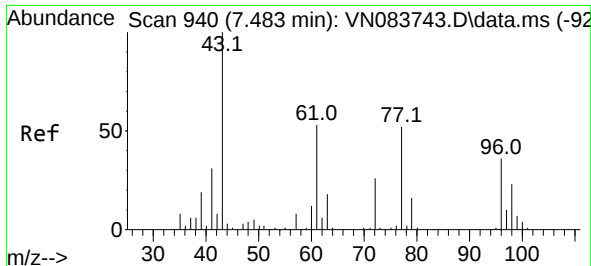
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#26
2,2-Dichloropropane
Concen: 41.728 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Tgt Ion: 77 Resp: 127499
Ion Ratio Lower Upper
77 100
97 20.9 10.2 30.4





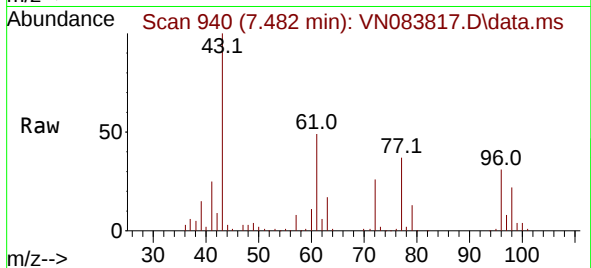
#27
cis-1,2-Dichloroethene
Concen: 49.643 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



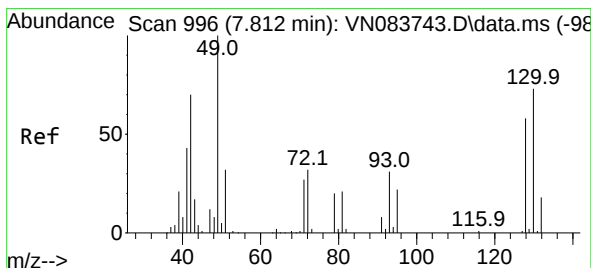
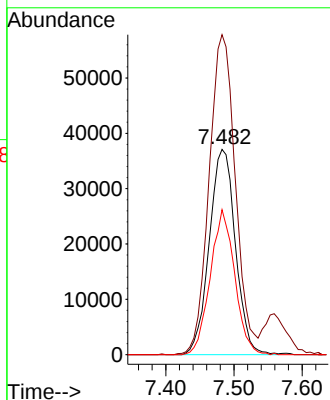
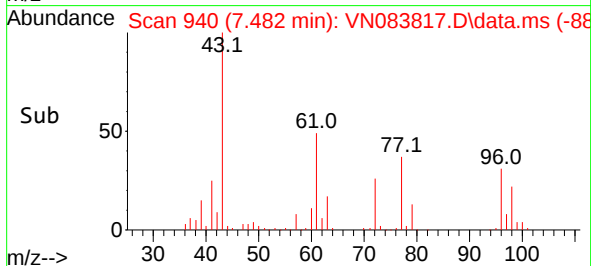
Tgt Ion: 96 Resp: 99150
Ion Ratio Lower Upper
96 100
61 156.5 0.0 306.2
98 66.0 0.0 128.6

Manual Integrations

APPROVED

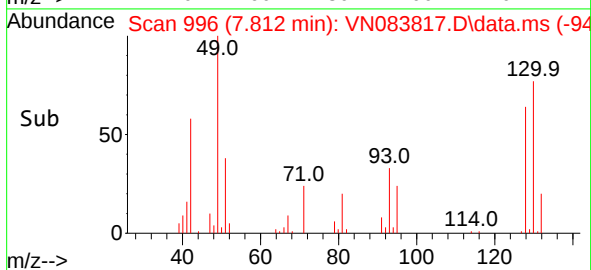
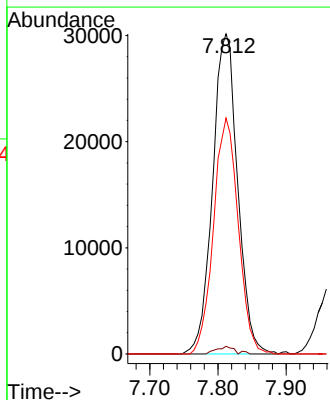
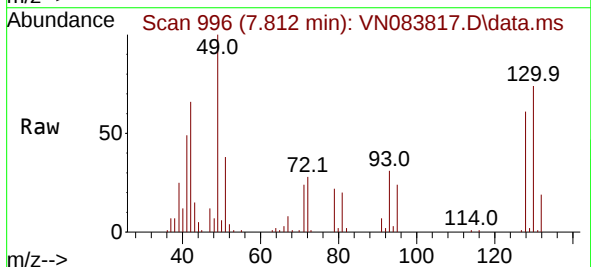
Reviewed By :John Carlone 09/12/2024

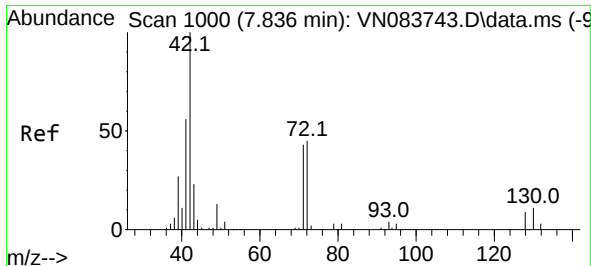
Supervised By :Mahesh Dadoda 09/12/2024



#28
Bromochloromethane
Concen: 55.247 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Tgt Ion: 49 Resp: 77192
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 72.6 60.2 90.2





#29

Tetrahydrofuran

Concen: 296.911 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN083817.D

Acq: 11 Sep 2024 23:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

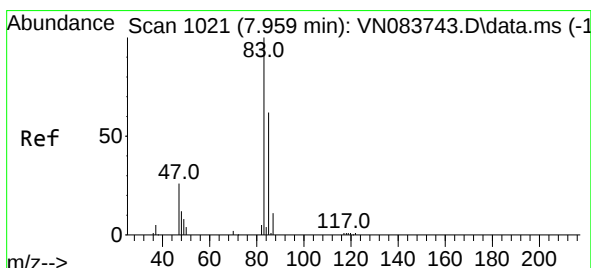
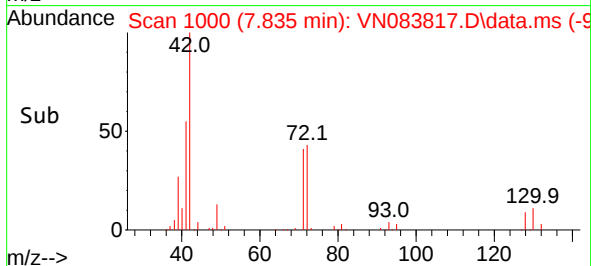
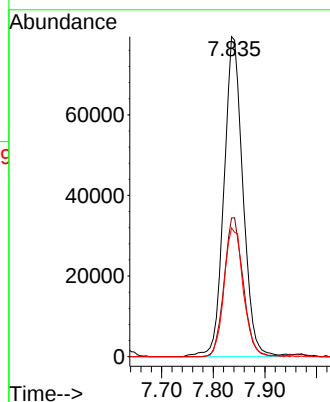
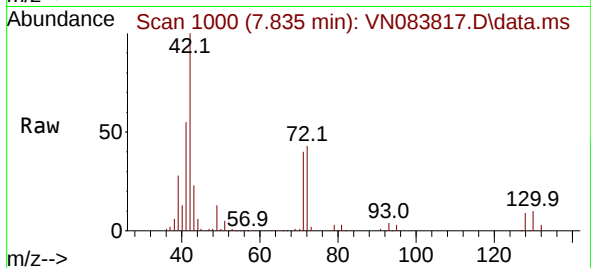
Tgt Ion:	42	Resp:	202464
Ion Ratio	Lower	Upper	
42	100		
72	43.5	35.9	53.9
71	41.1	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2024

Supervised By :Mahesh Dadoda 09/12/2024



#30

Chloroform

Concen: 49.577 ug/l

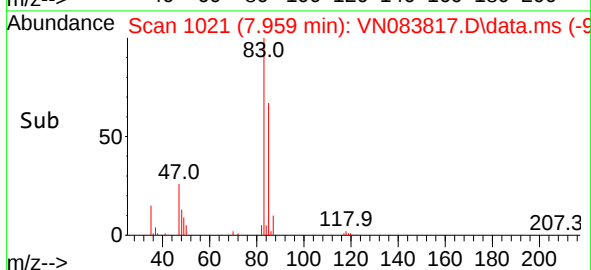
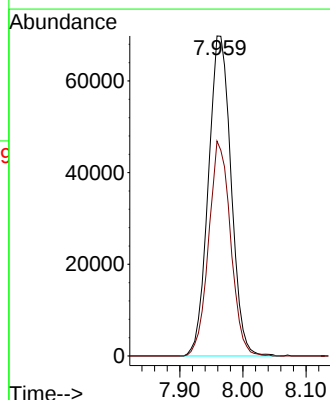
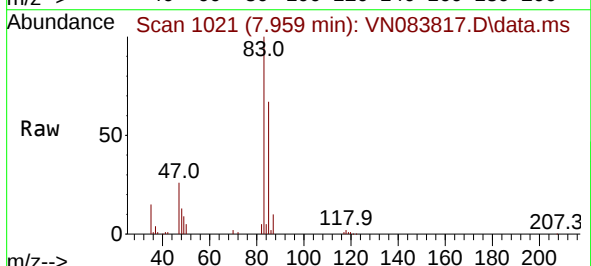
RT: 7.959 min Scan# 1021

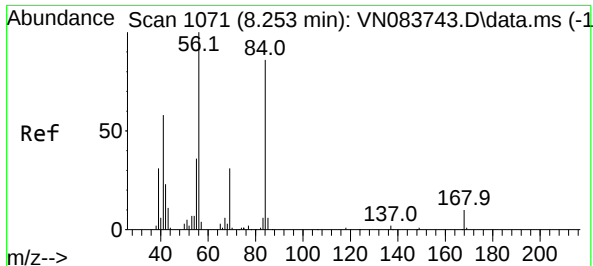
Delta R.T. -0.000 min

Lab File: VN083817.D

Acq: 11 Sep 2024 23:56

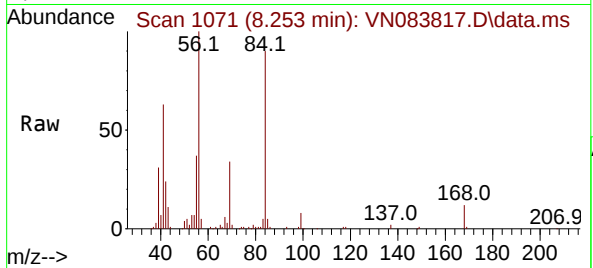
Tgt Ion:	83	Resp:	174629
Ion Ratio	Lower	Upper	
83	100		
85	67.2	52.8	79.2





#31
Cyclohexane
Concen: 44.987 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

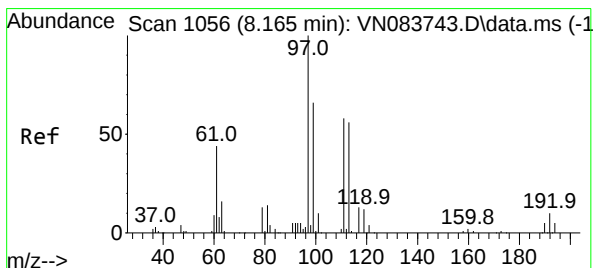
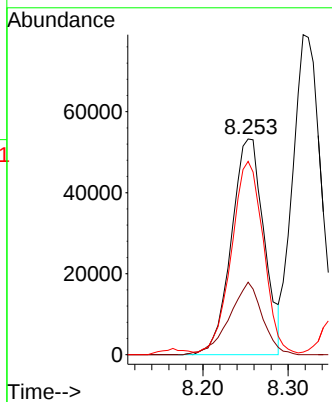
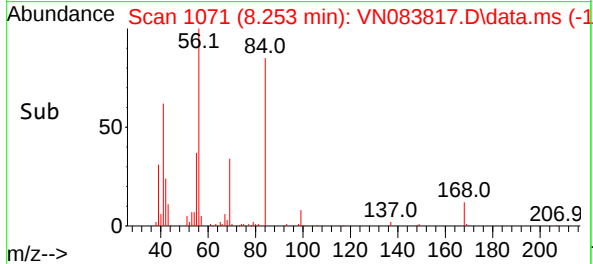
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



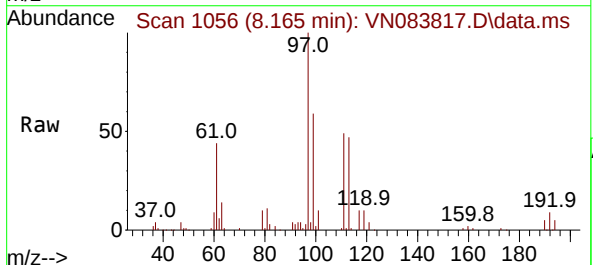
Tgt Ion: 56 Resp: 14231
Ion Ratio Lower Upper
56 100
69 33.6 26.9 40.3
84 87.7 69.2 103.8

Manual Integrations
APPROVED

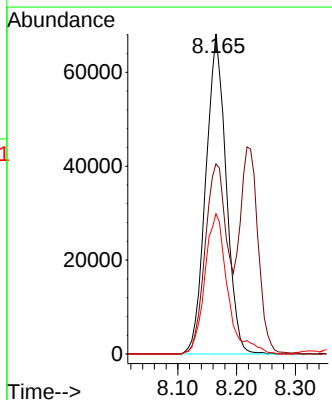
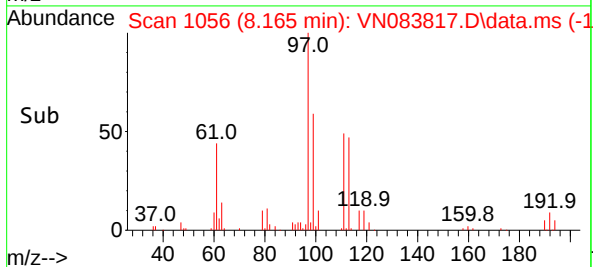
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

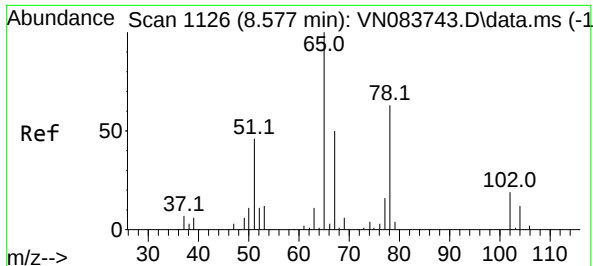


#32
1,1,1-Trichloroethane
Concen: 50.514 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56



Tgt Ion: 97 Resp: 163606
Ion Ratio Lower Upper
97 100
99 64.7 52.3 78.5
61 49.1 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 48.576 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VN083817.D

Acq: 11 Sep 2024 23:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 10632

Ion Ratio Lower Upper

65 100

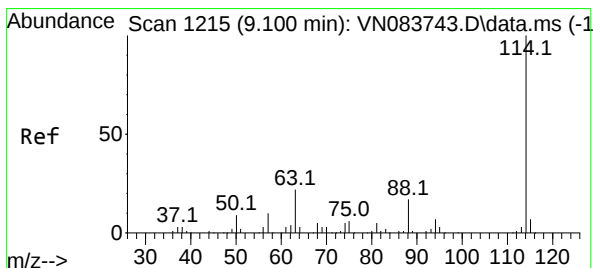
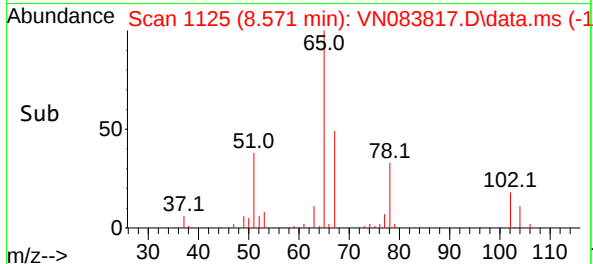
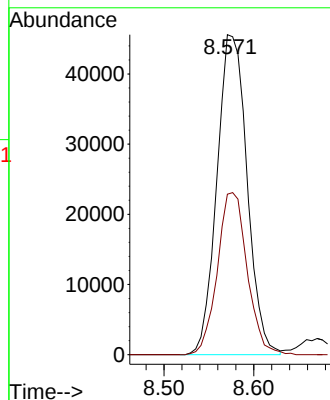
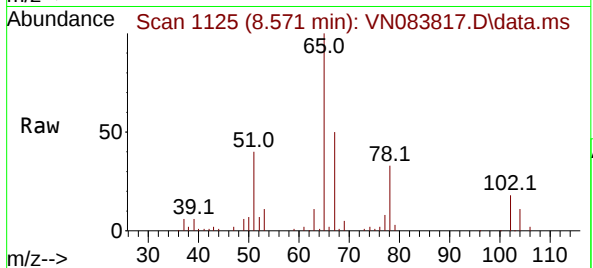
67 50.1 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2024

Supervised By :Mahesh Dadoda 09/12/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083817.D

Acq: 11 Sep 2024 23:56

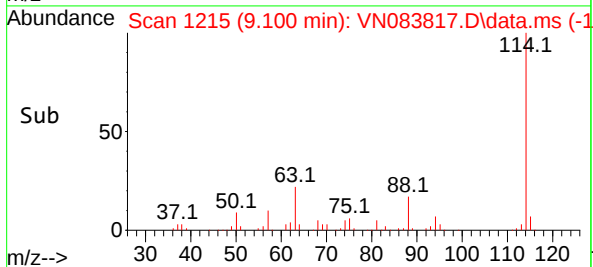
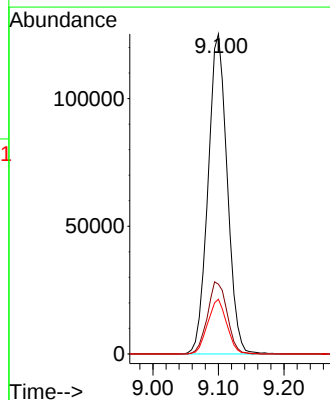
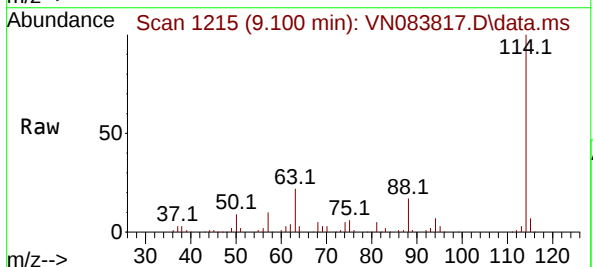
Tgt Ion:114 Resp: 254589

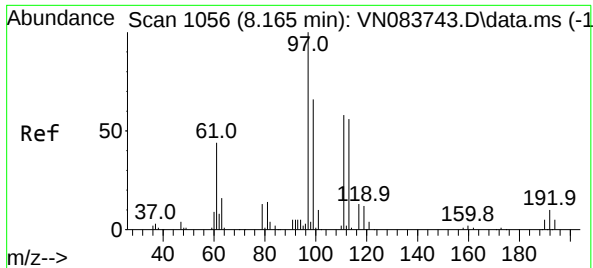
Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.4

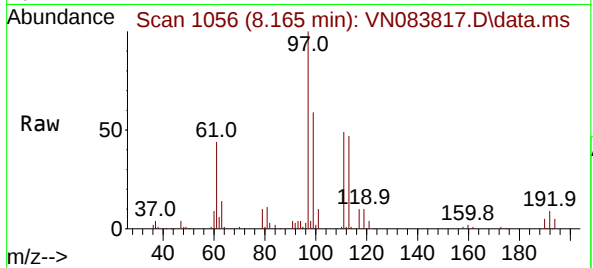
88 17.1 0.0 32.6





#35
Dibromofluoromethane
Concen: 47.746 ug/l
RT: 8.165 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

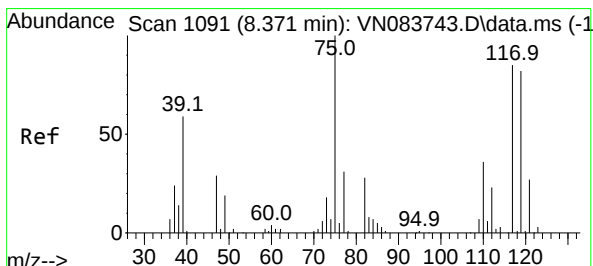
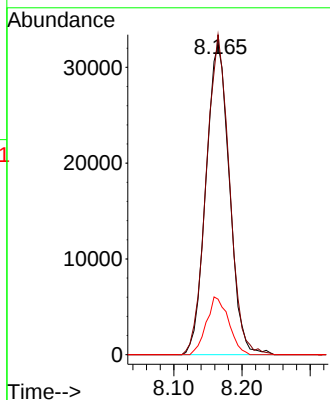
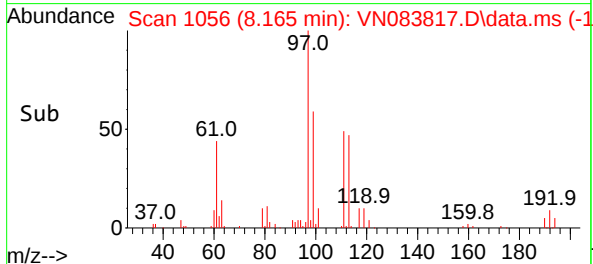
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



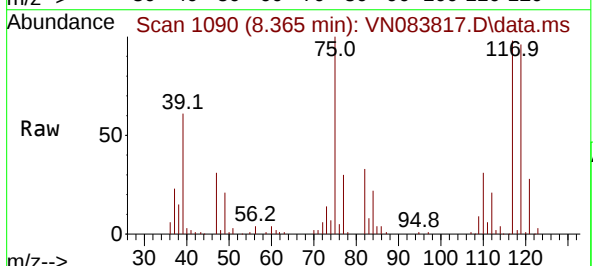
Tgt Ion: 113 Resp: 77819
Ion Ratio Lower Upper
113 100
111 101.4 82.6 124.0
192 17.6 14.3 21.5

Manual Integrations
APPROVED

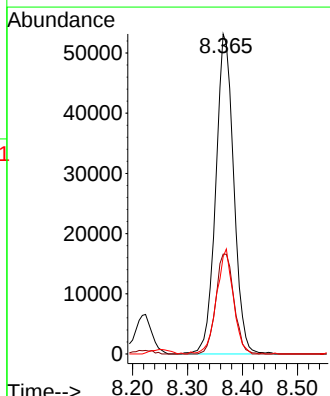
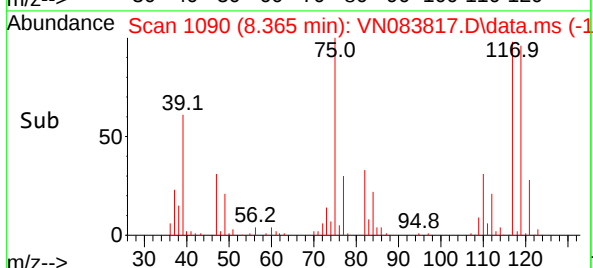
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

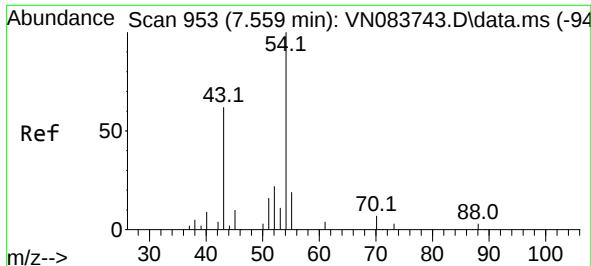


#36
1,1-Dichloropropene
Concen: 49.242 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56



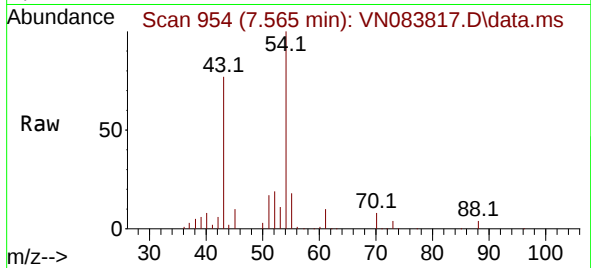
Tgt Ion: 75 Resp: 120797
Ion Ratio Lower Upper
75 100
110 31.6 16.7 50.1
77 30.7 25.2 37.8





#37
Ethyl Acetate
Concen: 56.318 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

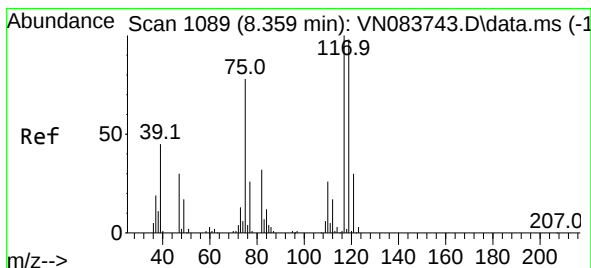
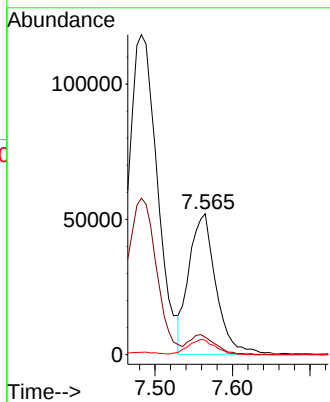
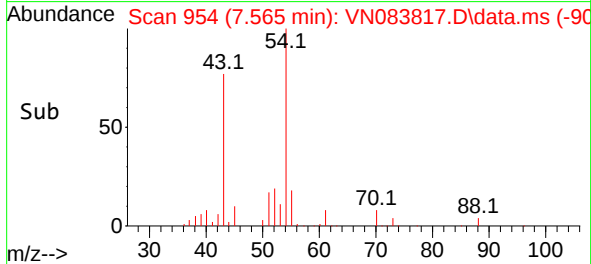
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 125400
Ion Ratio Lower Upper
43 100
61 13.8 11.1 16.7
70 10.8 8.8 13.2

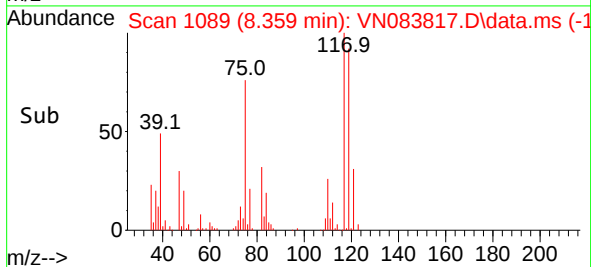
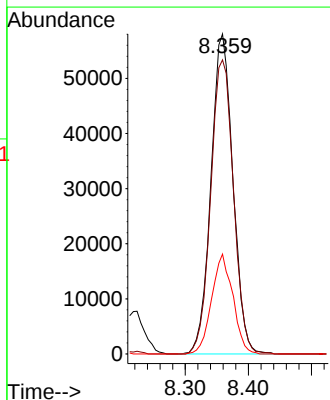
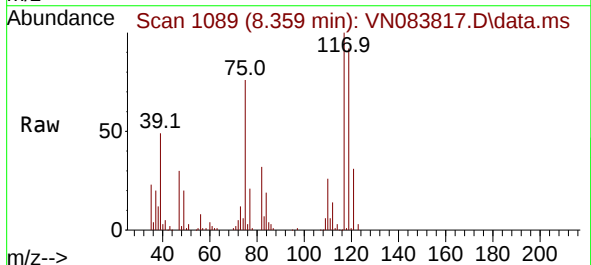
Manual Integrations
APPROVED

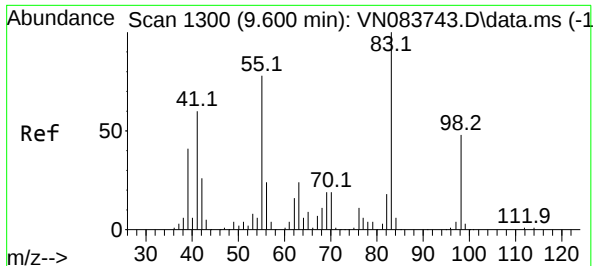
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#38
Carbon Tetrachloride
Concen: 50.392 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Tgt Ion:117 Resp: 140245
Ion Ratio Lower Upper
117 100
119 91.9 76.1 114.1
121 31.2 24.1 36.1





#39
Methylcyclohexane
Concen: 48.718 ug/l
RT: 9.594 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Instrument :

MSVOA_N

ClientSampleId :

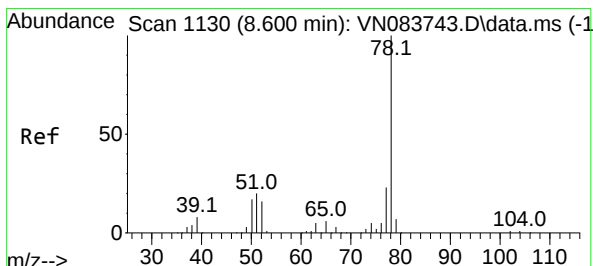
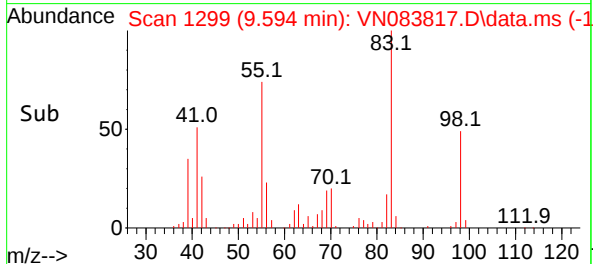
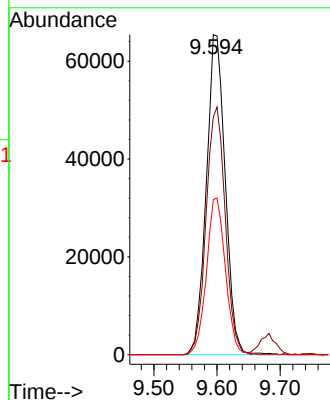
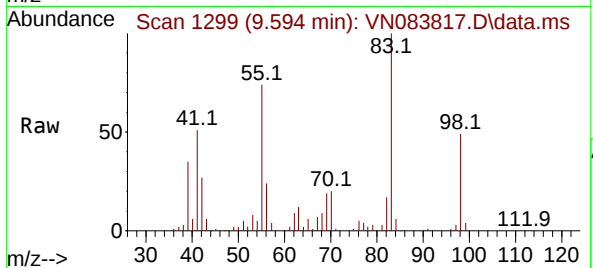
VSTDCCC050EC

Tgt Ion: 83 Resp: 136036
Ion Ratio Lower Upper
83 100
55 74.3 62.2 93.4
98 48.5 37.6 56.4

Manual Integrations

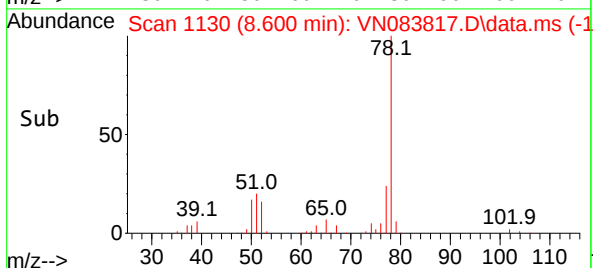
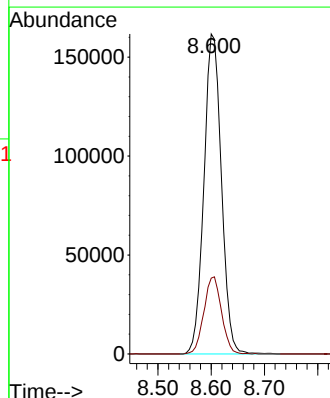
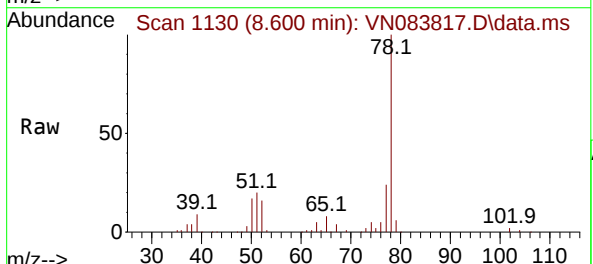
APPROVED

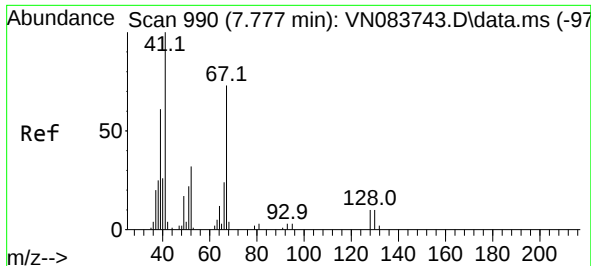
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#40
Benzene
Concen: 49.885 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

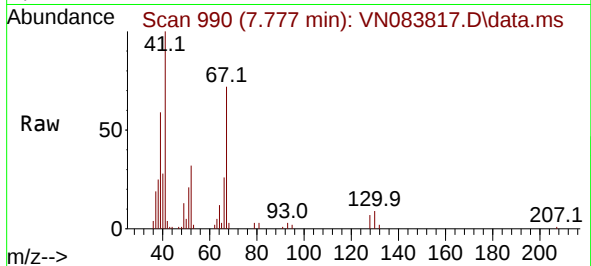
Tgt Ion: 78 Resp: 368336
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 55.105 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

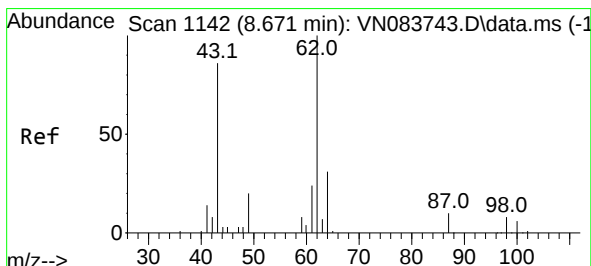
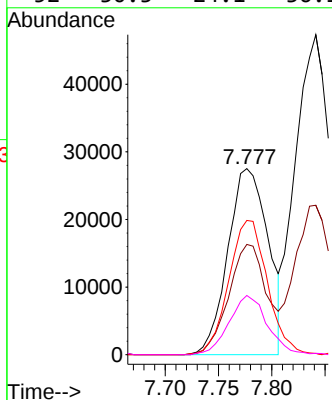
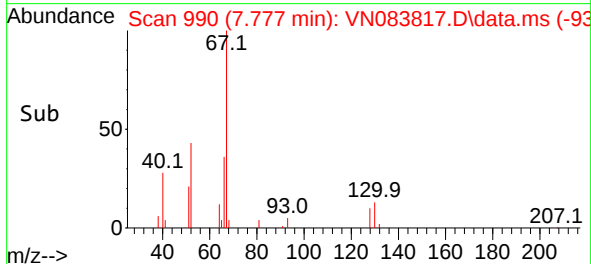
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	72574
Ion Ratio	100	Lower	Upper
39	56.1	45.4	68.2
67	69.0	55.9	83.9
52	30.3	24.1	36.1

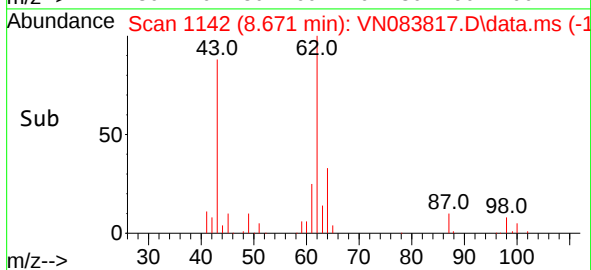
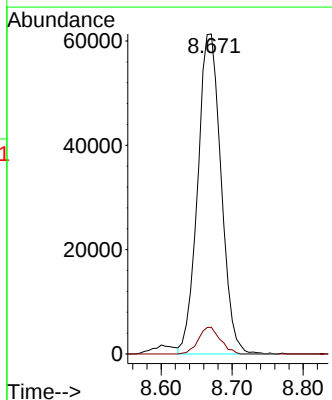
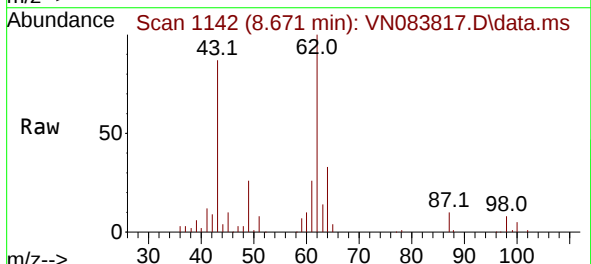
Manual Integrations
APPROVED

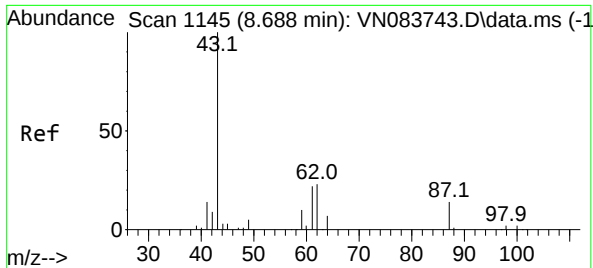
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#42
1,2-Dichloroethane
Concen: 50.937 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

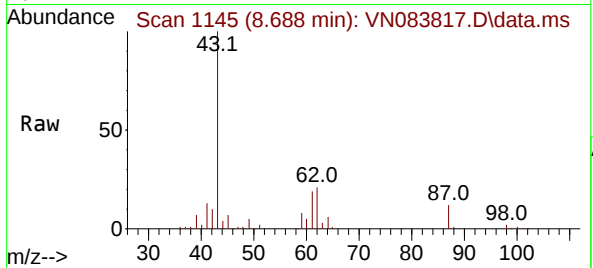
Tgt Ion:	62	Resp:	140536
Ion Ratio	100	Lower	Upper
98	7.8	0.0	16.6





#43
Isopropyl Acetate
Concen: 65.468 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

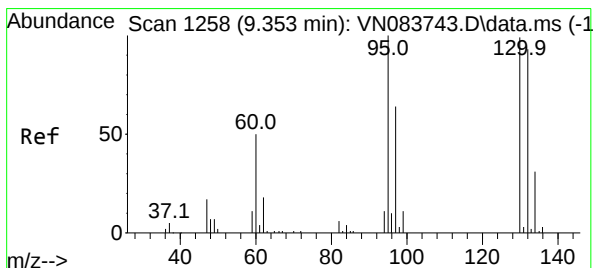
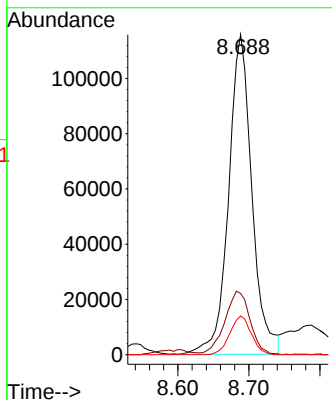
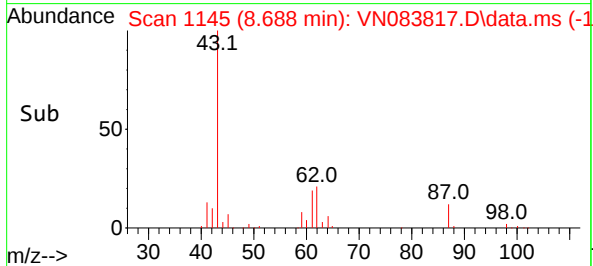
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 264172
Ion Ratio Lower Upper
43 100
61 21.6 19.4 29.0
87 11.1 9.8 14.6

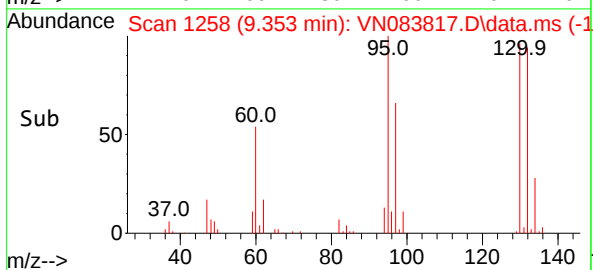
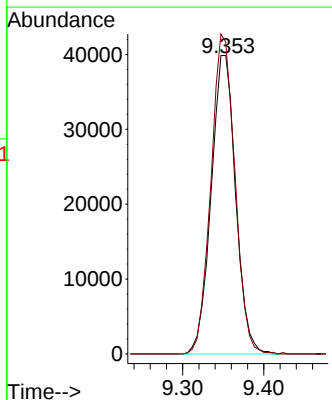
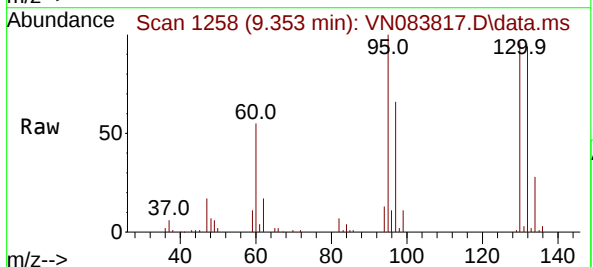
Manual Integrations
APPROVED

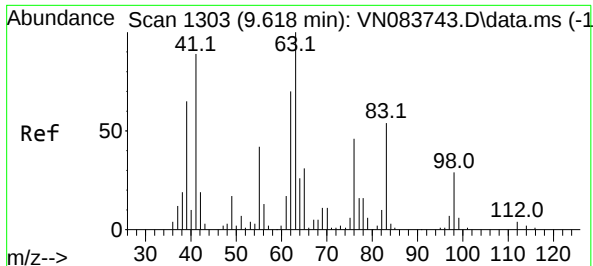
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#44
Trichloroethene
Concen: 48.841 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Tgt Ion:130 Resp: 83511
Ion Ratio Lower Upper
130 100
95 104.5 0.0 200.4





#45

1,2-Dichloropropane

Concen: 50.135 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. 0.006 min

Lab File: VN083817.D

Acq: 11 Sep 2024 23:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 89470

Ion Ratio Lower Upper

63 100

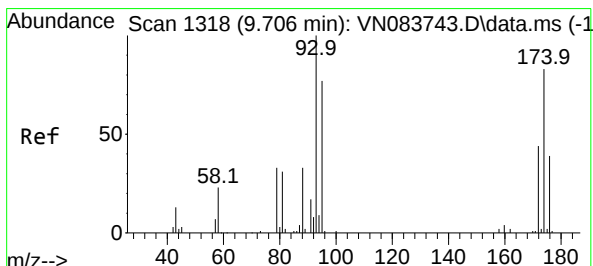
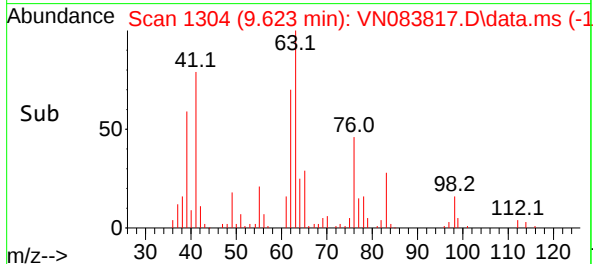
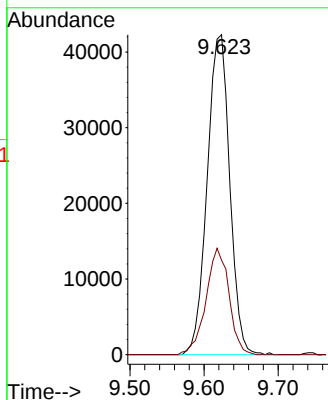
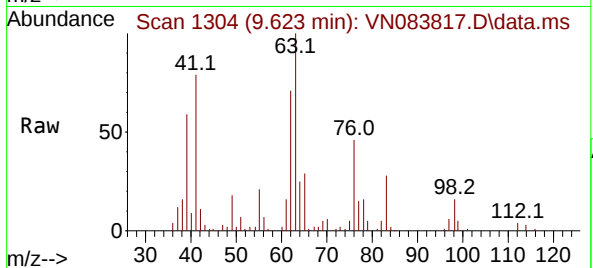
65 29.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2024

Supervised By :Mahesh Dadoda 09/12/2024



#46

Dibromomethane

Concen: 52.337 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN083817.D

Acq: 11 Sep 2024 23:56

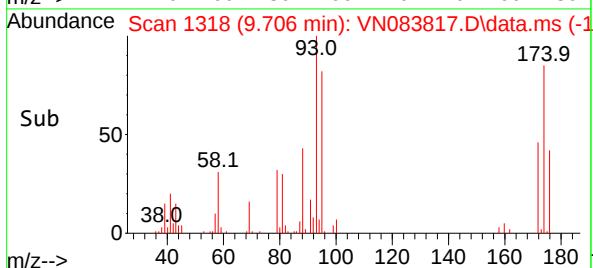
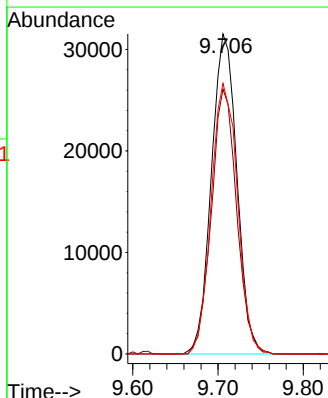
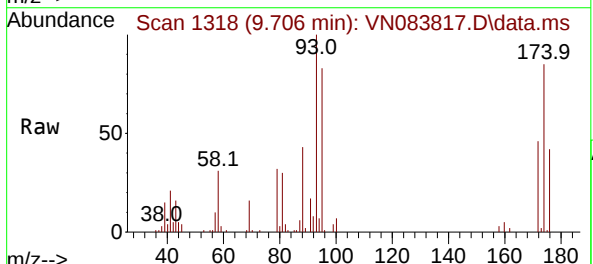
Tgt Ion: 93 Resp: 65421

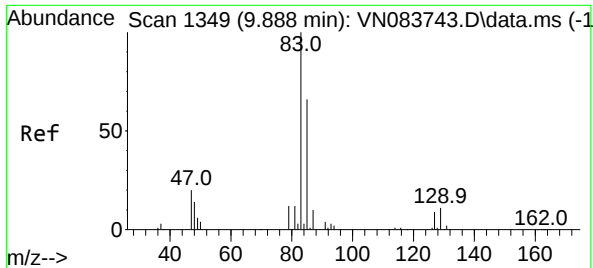
Ion Ratio Lower Upper

93 100

95 82.1 65.3 97.9

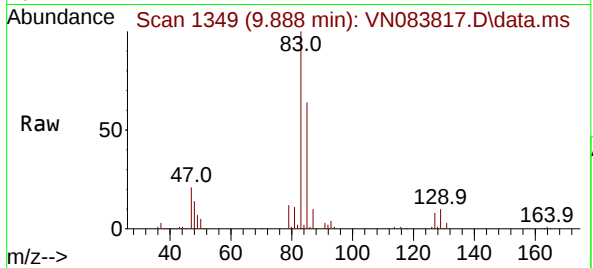
174 87.3 71.0 106.4





#47
Bromodichloromethane
Concen: 51.880 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

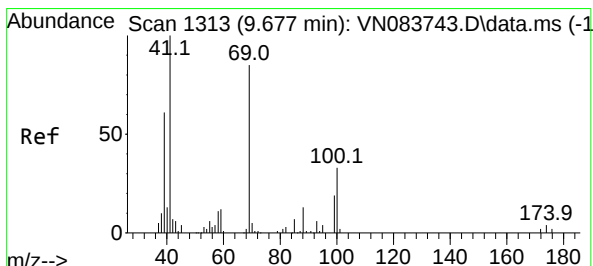
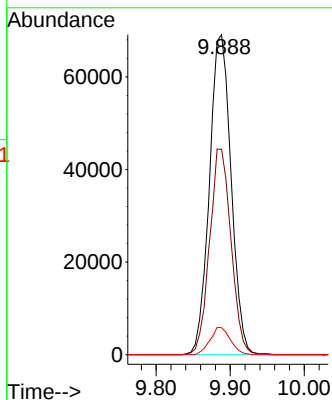
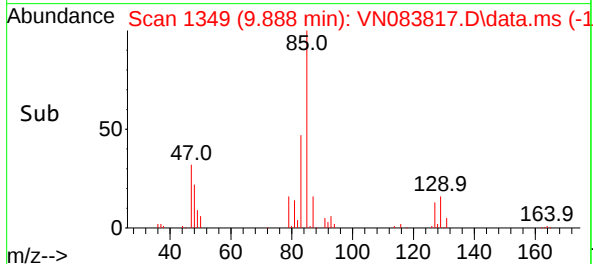
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 140348
Ion Ratio Lower Upper
83 100
85 64.2 51.8 77.8
127 8.5 6.6 9.8

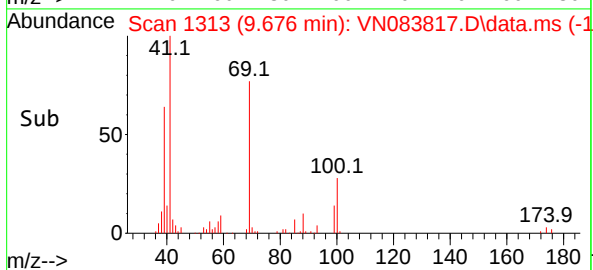
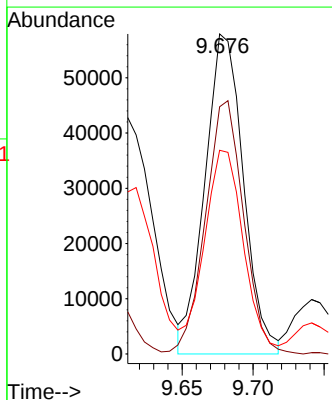
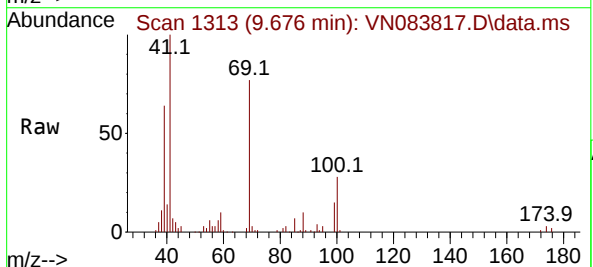
Manual Integrations
APPROVED

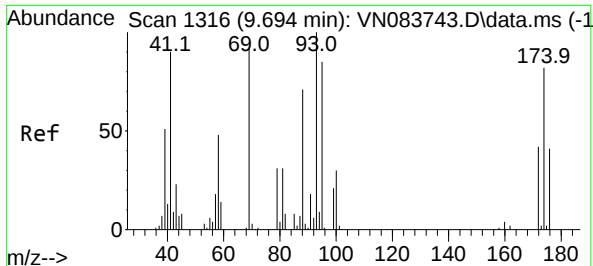
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#48
Methyl methacrylate
Concen: 57.070 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Tgt Ion: 41 Resp: 109256
Ion Ratio Lower Upper
41 100
69 78.5 64.3 96.5
39 65.1 48.9 73.3





#49

1,4-Dioxane

Concen: 1095.017 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN083817.D

Acq: 11 Sep 2024 23:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 34480

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

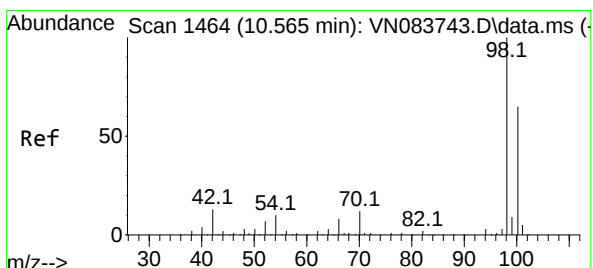
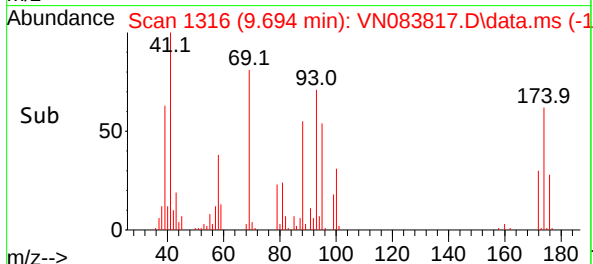
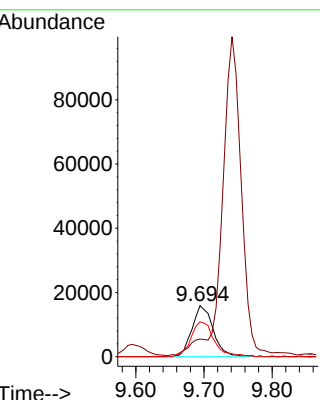
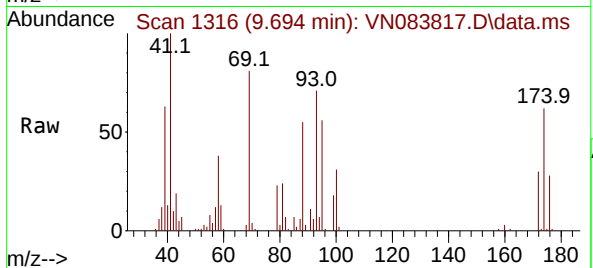
58 74.4 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2024

Supervised By :Mahesh Dadoda 09/12/2024



#50

Toluene-d8

Concen: 50.341 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083817.D

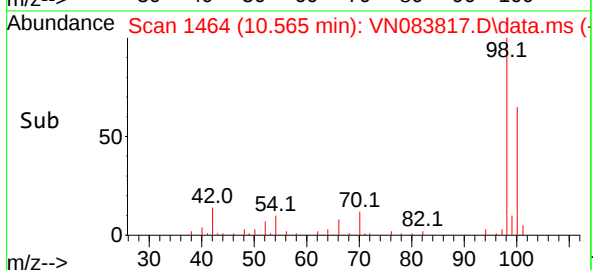
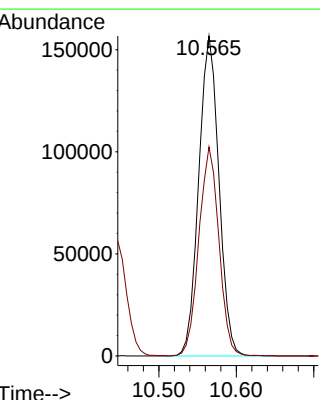
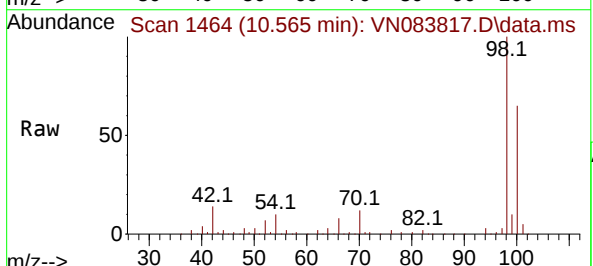
Acq: 11 Sep 2024 23:56

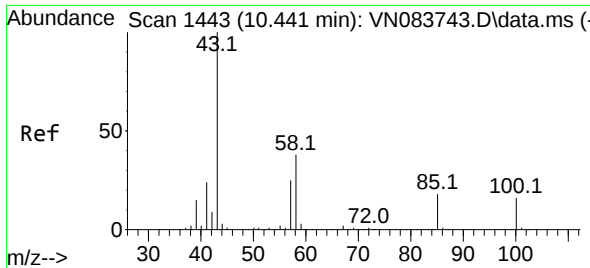
Tgt Ion: 98 Resp: 283647

Ion Ratio Lower Upper

98 100

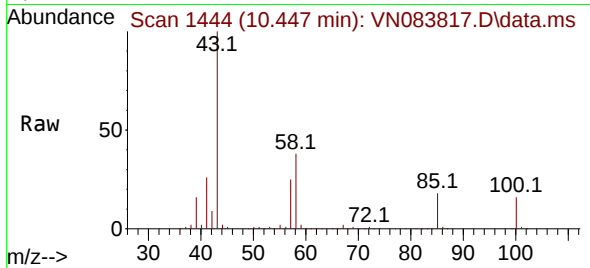
100 64.9 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 304.718 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

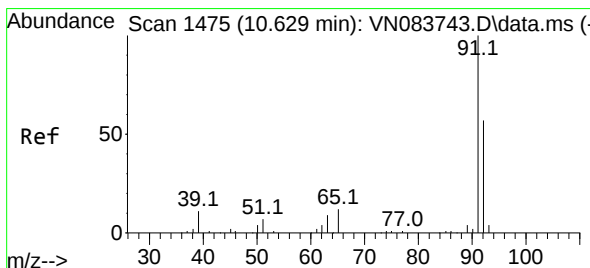
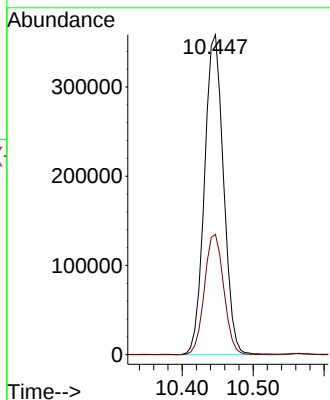
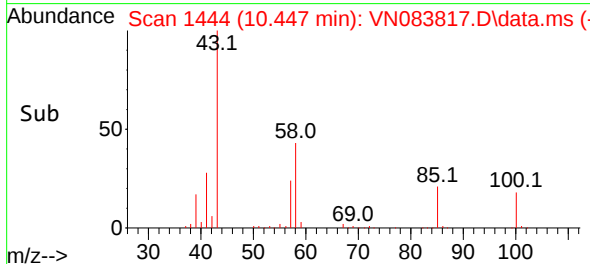
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



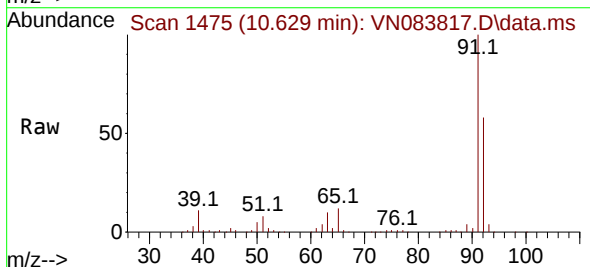
Tgt Ion: 43 Resp: 66932
Ion Ratio Lower Upper
43 100
58 38.2 31.6 47.4

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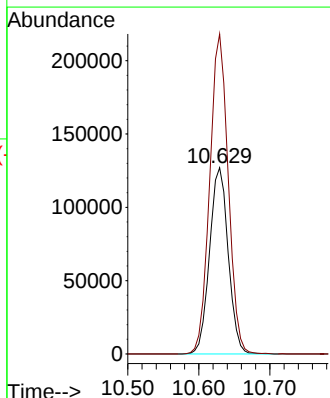
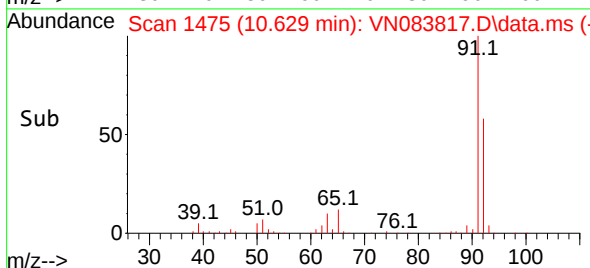
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

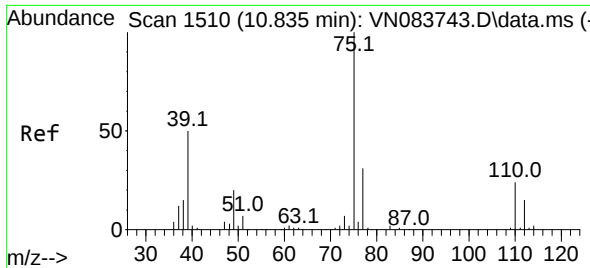


#52
Toluene
Concen: 51.202 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56



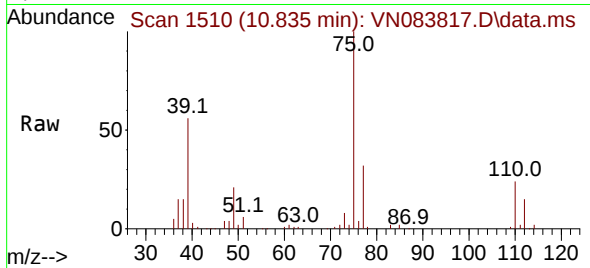
Tgt Ion: 92 Resp: 231250
Ion Ratio Lower Upper
92 100
91 170.4 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 51.331 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

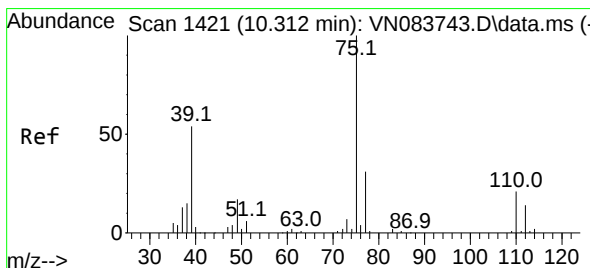
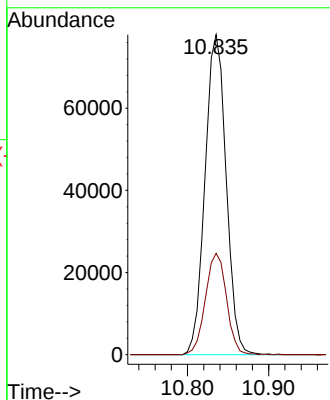
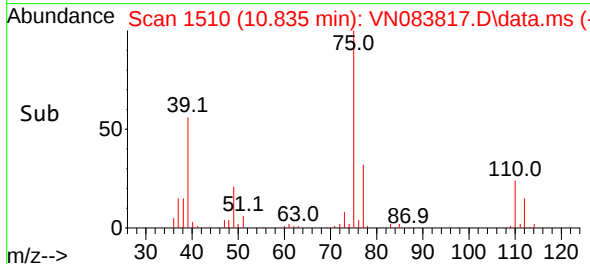
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



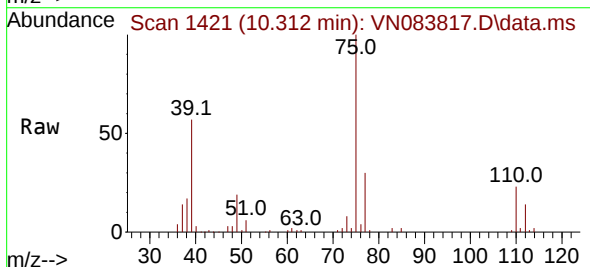
Tgt Ion: 75 Resp: 140754
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6

Manual Integrations
APPROVED

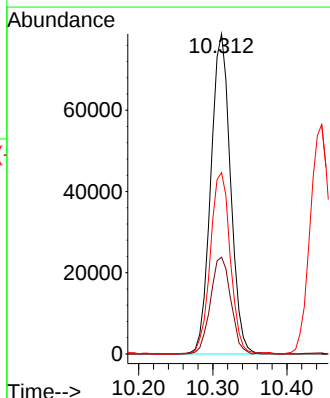
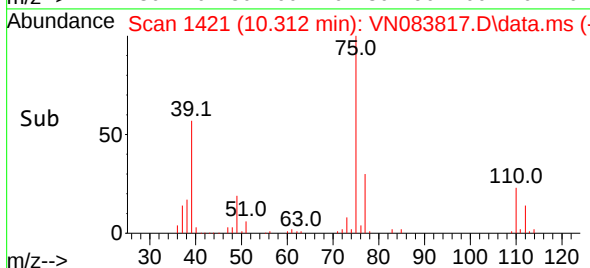
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

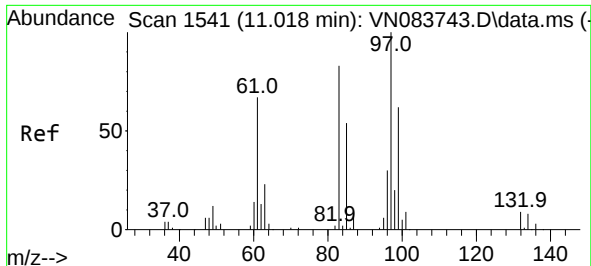


#54
cis-1,3-Dichloropropene
Concen: 50.435 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56



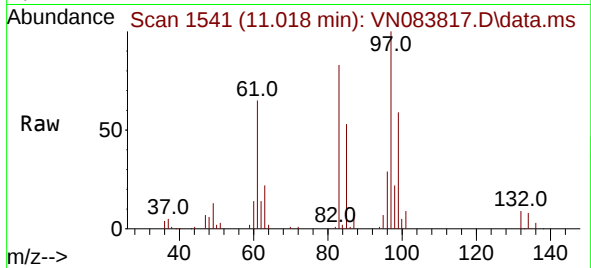
Tgt Ion: 75 Resp: 145271
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.6
39 56.7 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 51.066 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

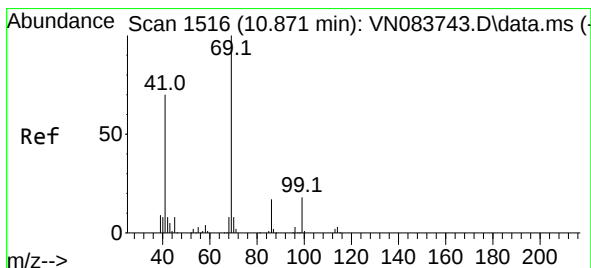
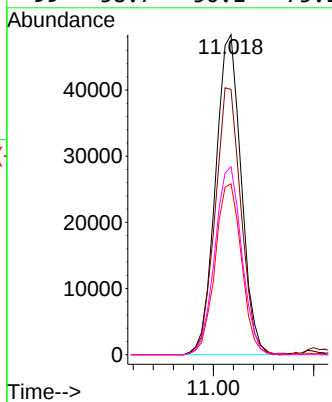
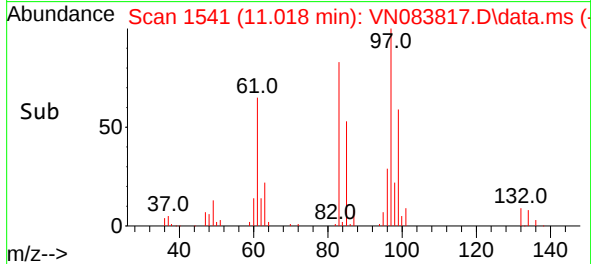
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	8610
Ion	Ratio	Lower	Upper
97	100		
83	82.9	67.5	101.3
85	53.4	44.2	66.2
99	58.7	50.1	75.1

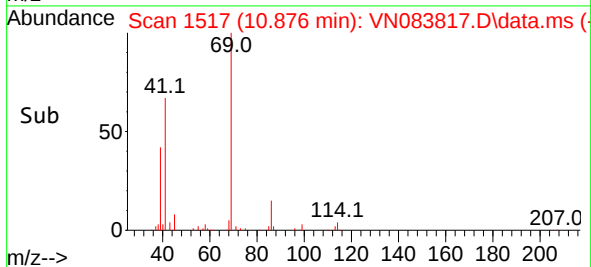
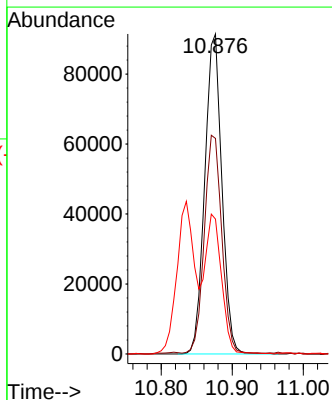
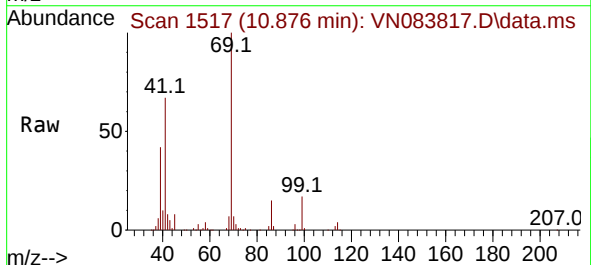
Manual Integrations
APPROVED

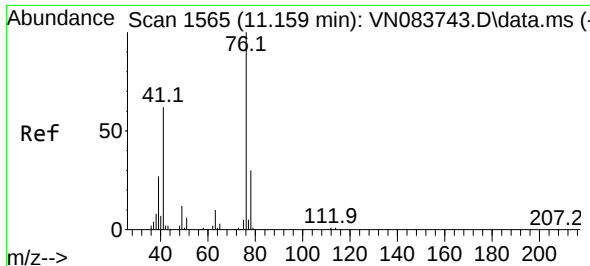
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#56
Ethyl methacrylate
Concen: 59.061 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

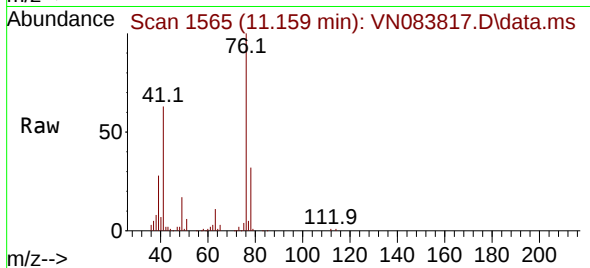
Tgt Ion:	69	Resp:	153212
Ion	Ratio	Lower	Upper
69	100		
41	69.5	53.9	80.9
39	42.7	32.6	48.8





#57
1,3-Dichloropropane
Concen: 52.578 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

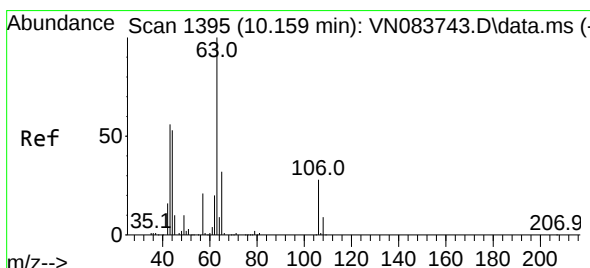
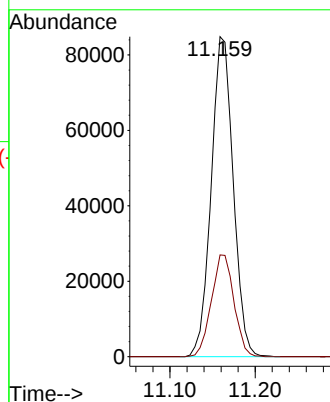
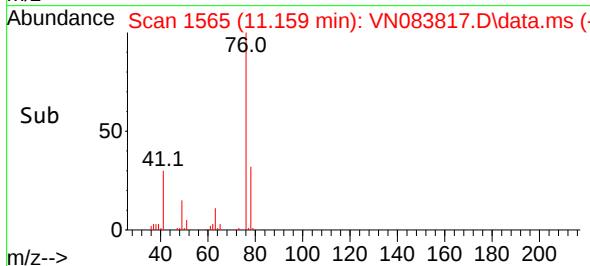
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



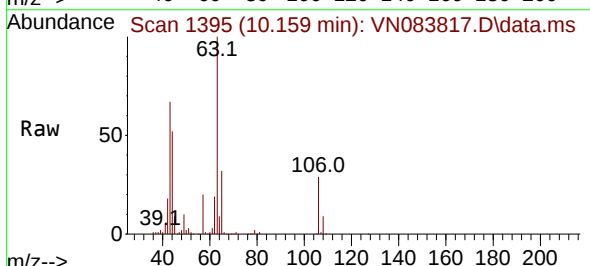
Tgt Ion: 76 Resp: 15236
Ion Ratio Lower Upper
76 100
78 32.6 25.8 38.6

Manual Integrations
APPROVED

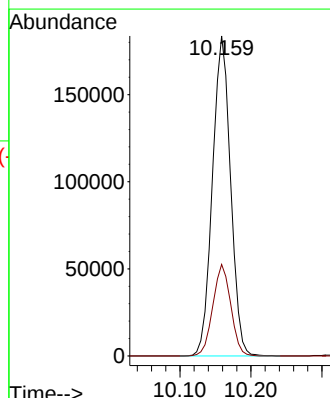
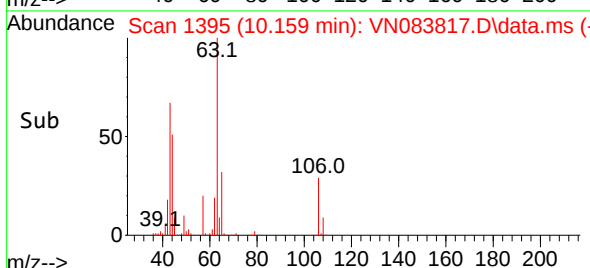
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

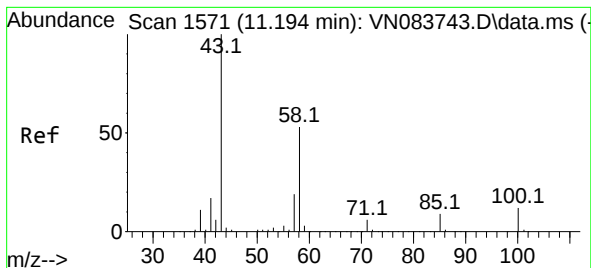


#58
2-Chloroethyl Vinyl ether
Concen: 347.399 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56



Tgt Ion: 63 Resp: 324723
Ion Ratio Lower Upper
63 100
106 28.2 23.3 34.9





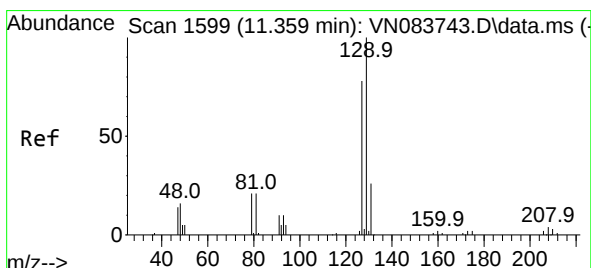
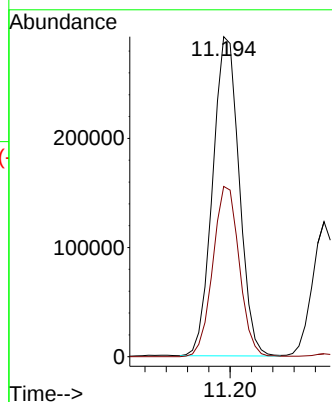
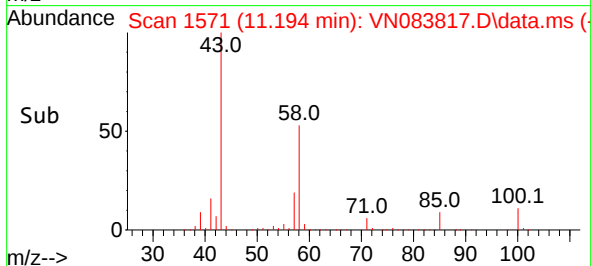
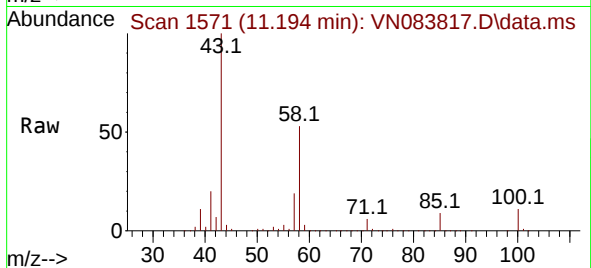
#59
2-Hexanone
Concen: 310.866 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 505104
Ion Ratio Lower Upper
43 100
58 53.1 27.2 81.5

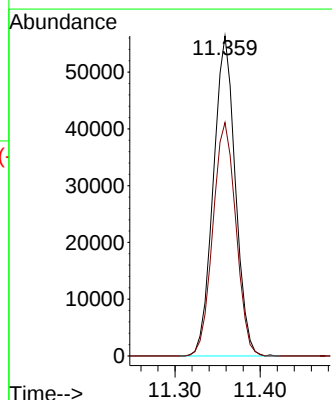
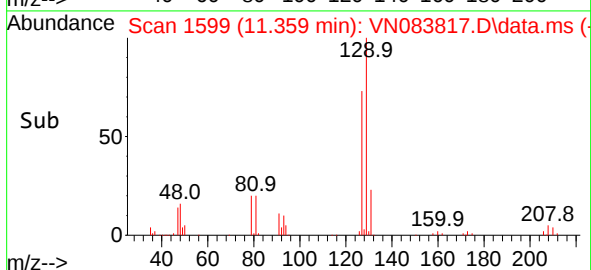
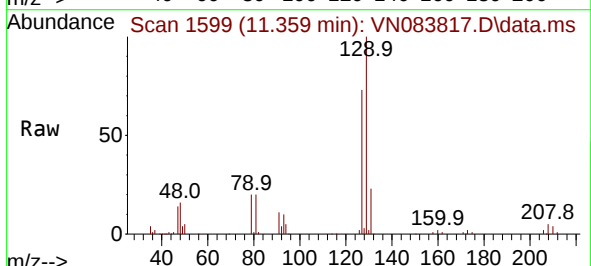
Manual Integrations
APPROVED

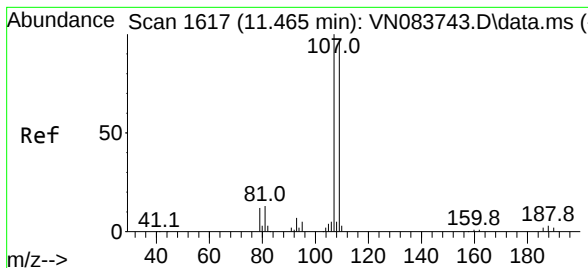
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#60
Dibromochloromethane
Concen: 53.351 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Tgt Ion:129 Resp: 100672
Ion Ratio Lower Upper
129 100
127 76.5 39.0 116.9





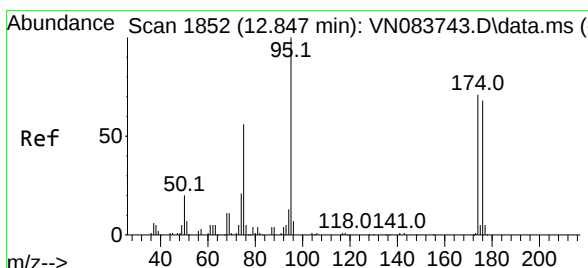
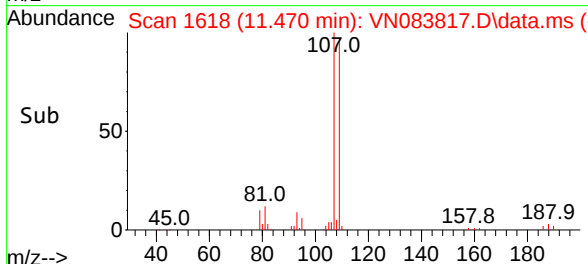
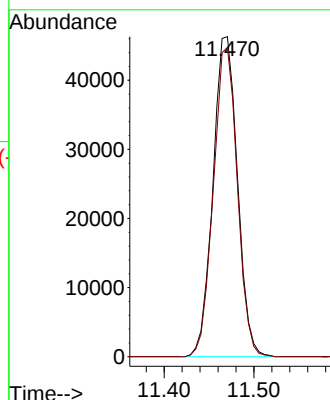
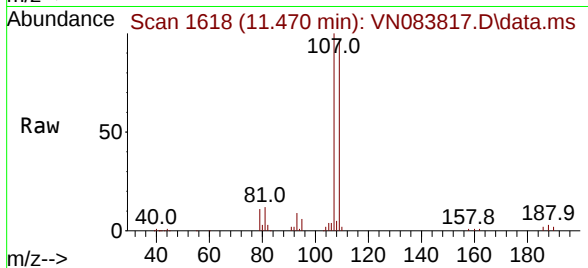
#61
1,2-Dibromoethane
Concen: 52.187 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 8775
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4

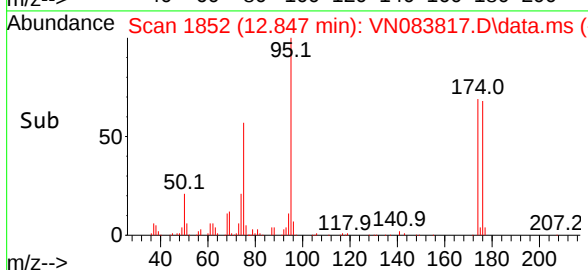
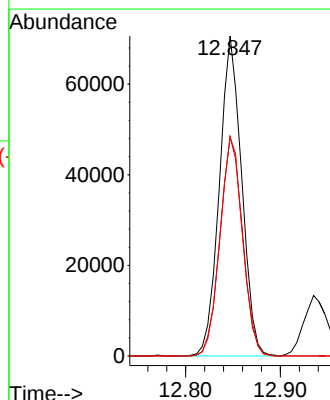
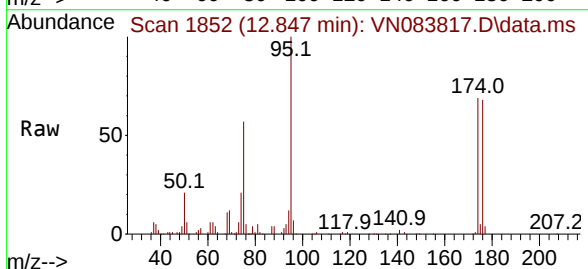
Manual Integrations
APPROVED

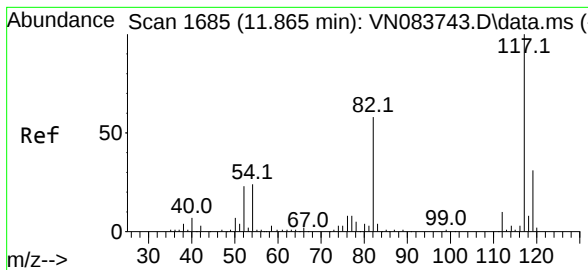
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#62
4-Bromofluorobenzene
Concen: 49.651 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

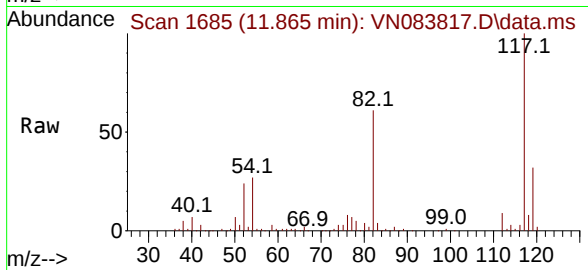
Tgt Ion: 95 Resp: 115420
Ion Ratio Lower Upper
95 100
174 69.3 0.0 139.8
176 69.3 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

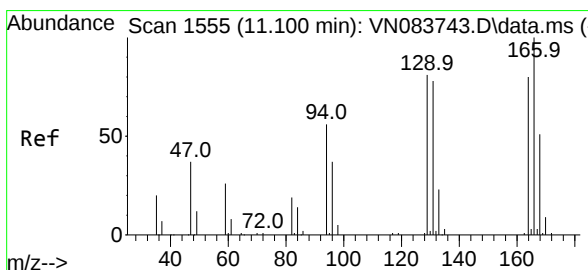
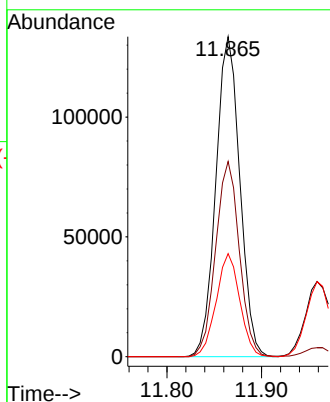
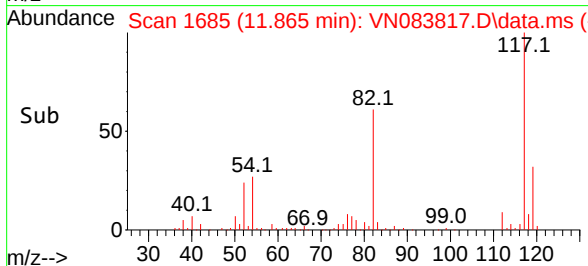
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 23554
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.0
119 32.2 26.3 39.5

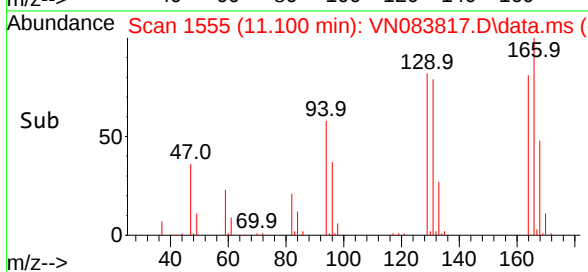
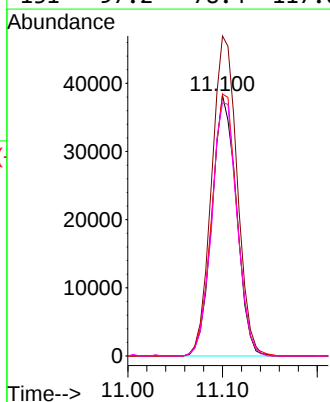
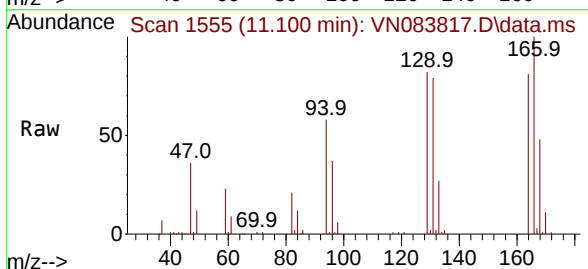
Manual Integrations
APPROVED

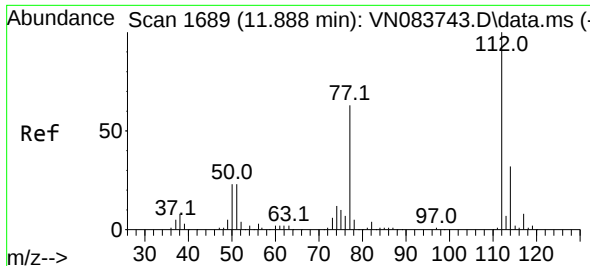
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#64
Tetrachloroethene
Concen: 43.806 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

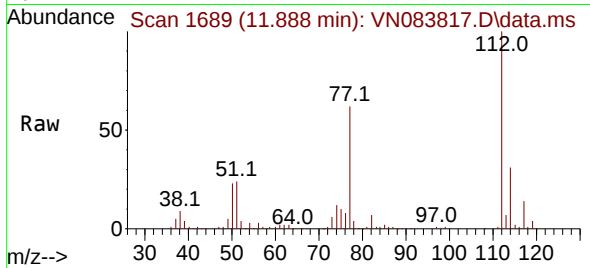
Tgt Ion:164 Resp: 68619
Ion Ratio Lower Upper
164 100
166 122.8 103.7 155.5
129 100.5 79.9 119.9
131 97.2 78.4 117.6





#65
Chlorobenzene
Concen: 45.948 ug/l
RT: 11.888 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

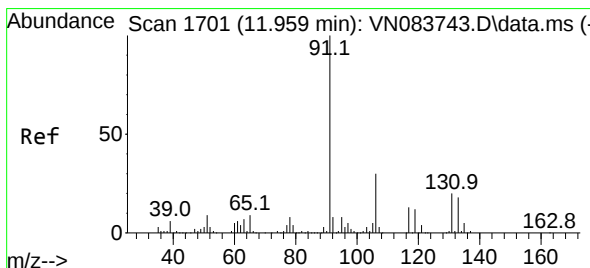
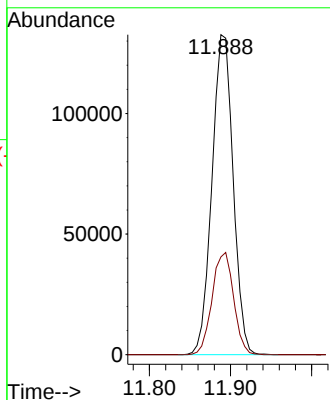
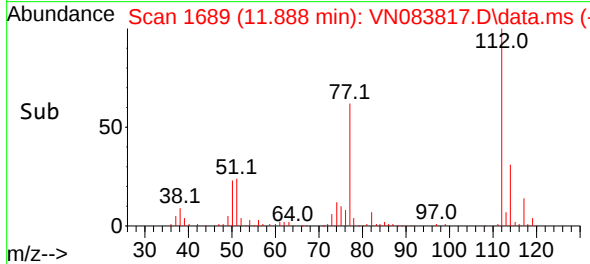
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 24054
Ion Ratio Lower Upper
112 100
114 30.5 25.7 38.5

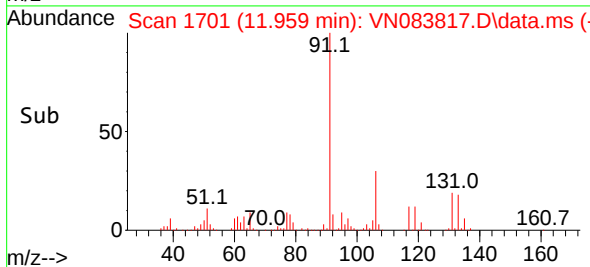
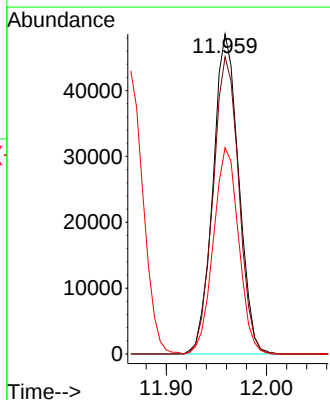
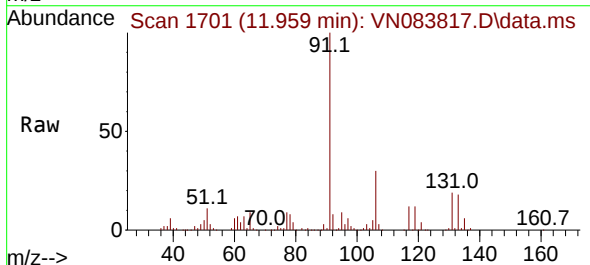
Manual Integrations
APPROVED

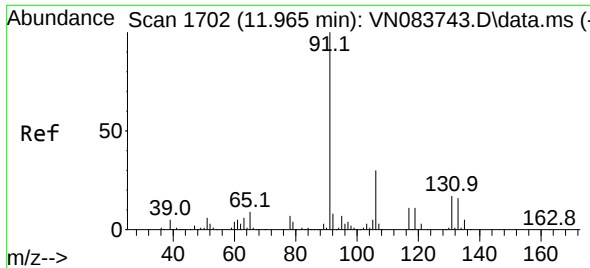
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 47.492 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

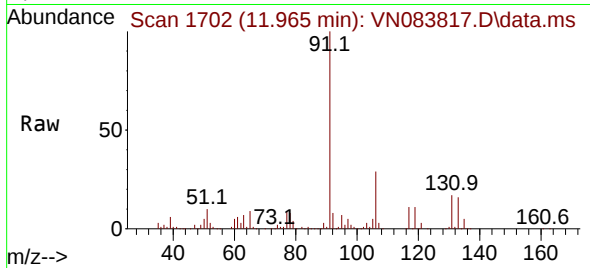
Tgt Ion:131 Resp: 86192
Ion Ratio Lower Upper
131 100
133 93.7 47.5 142.6
119 63.7 31.6 94.8





#67
Ethyl Benzene
Concen: 47.631 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

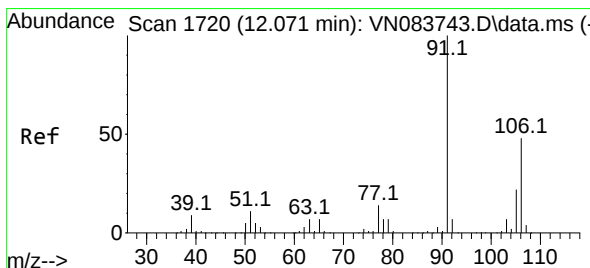
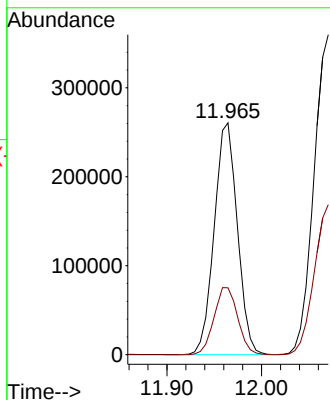
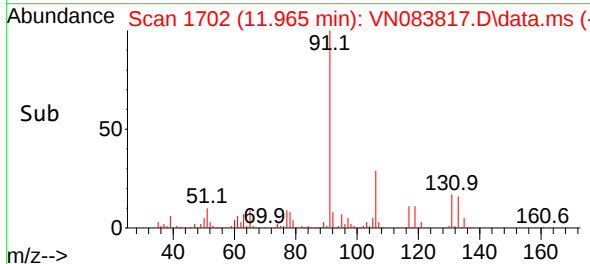
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 442950
Ion Ratio Lower Upper
91 100
106 28.8 24.3 36.5

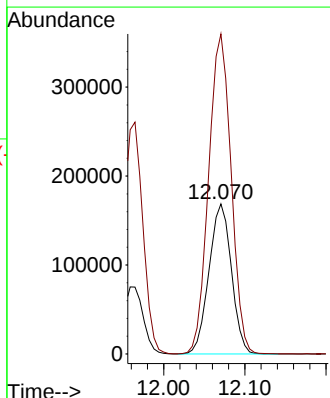
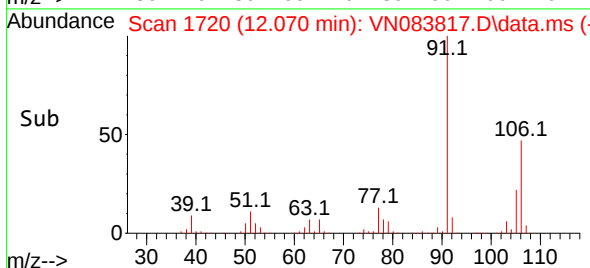
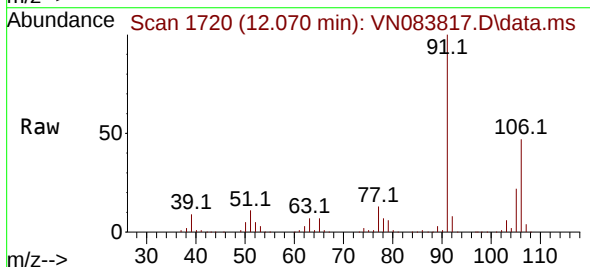
Manual Integrations
APPROVED

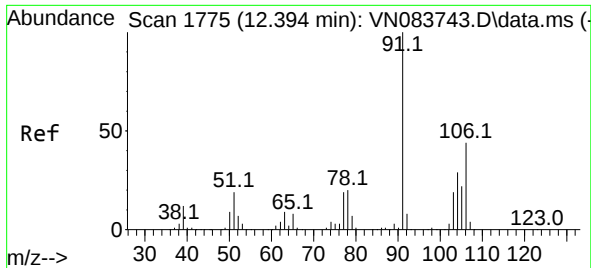
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#68
m/p-Xylenes
Concen: 93.743 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Tgt Ion:106 Resp: 323664
Ion Ratio Lower Upper
106 100
91 214.4 169.2 253.8





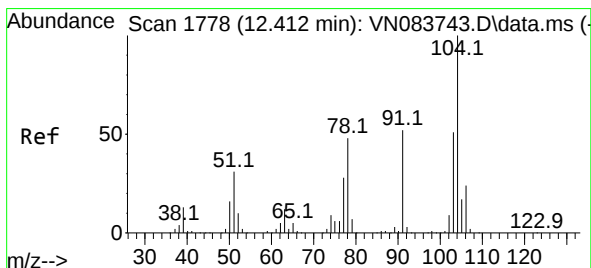
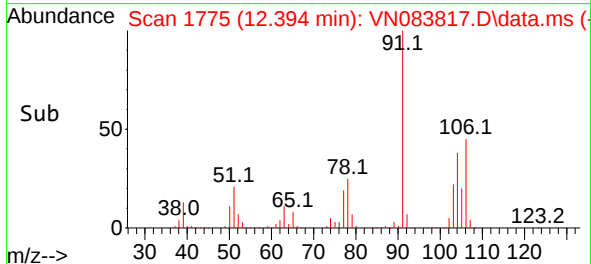
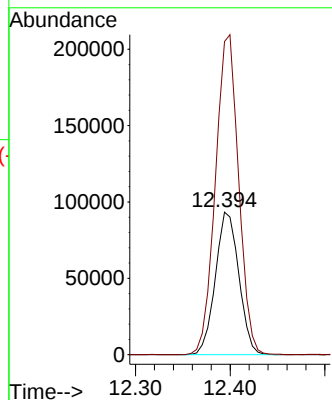
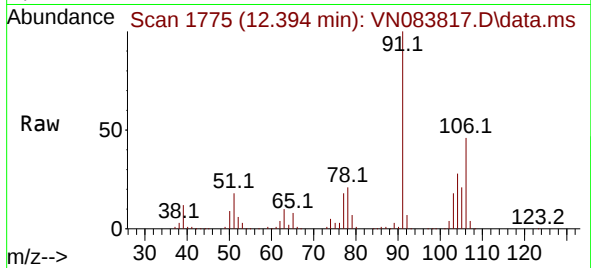
#69
o-Xylene
Concen: 48.142 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 160911
Ion Ratio Lower Upper
106 100
91 222.3 112.9 338.6

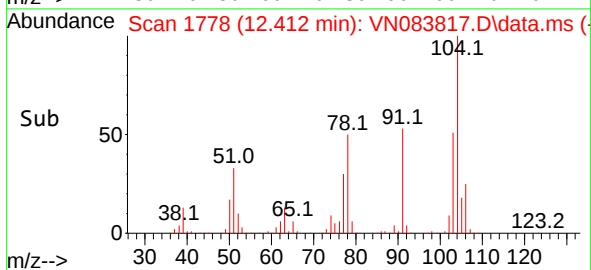
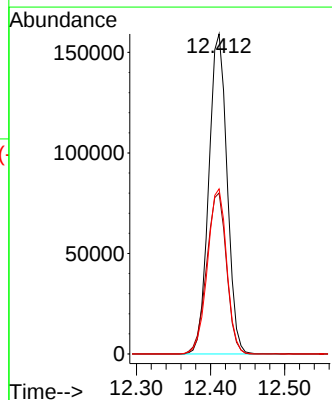
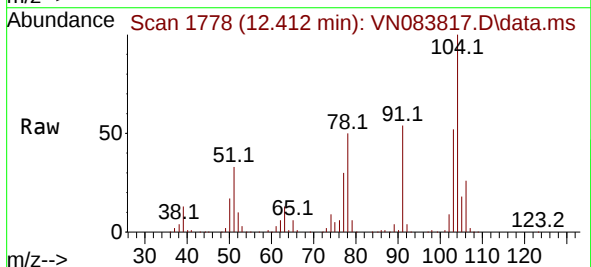
Manual Integrations
APPROVED

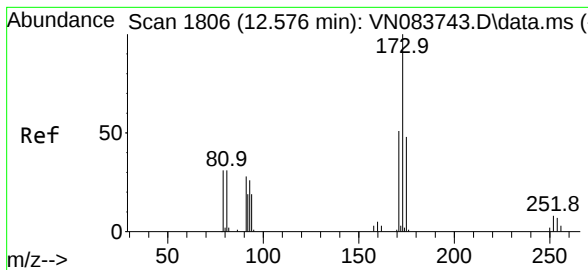
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#70
Styrene
Concen: 49.854 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

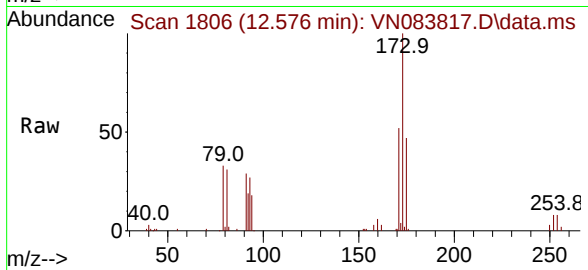
Tgt Ion:104 Resp: 273471
Ion Ratio Lower Upper
104 100
78 54.4 43.3 64.9
103 54.2 43.4 65.2





#71
Bromoform
Concen: 52.279 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

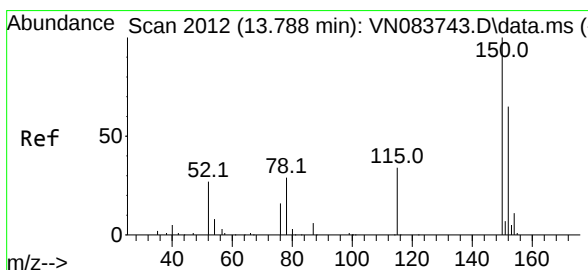
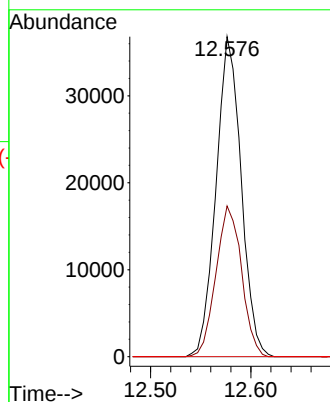
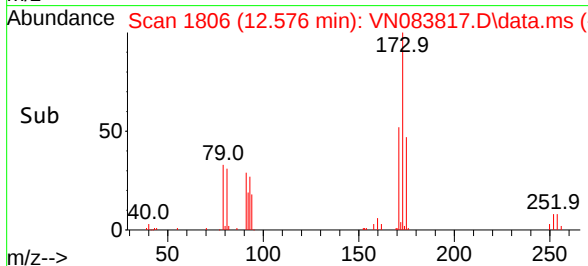
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



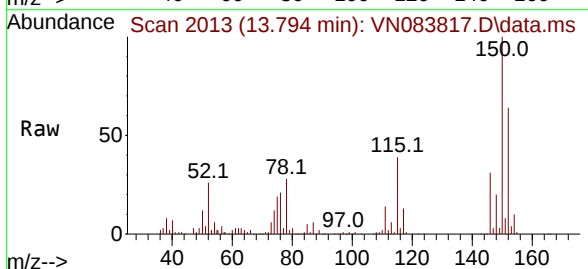
Tgt Ion:173 Resp: 63938
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

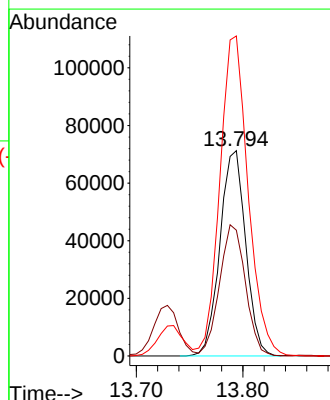
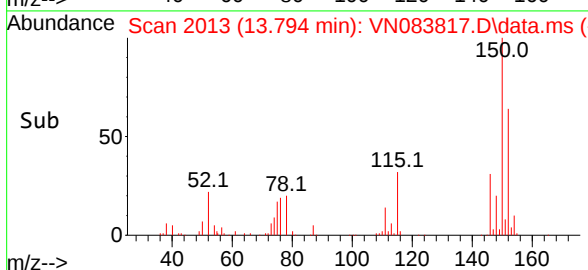
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

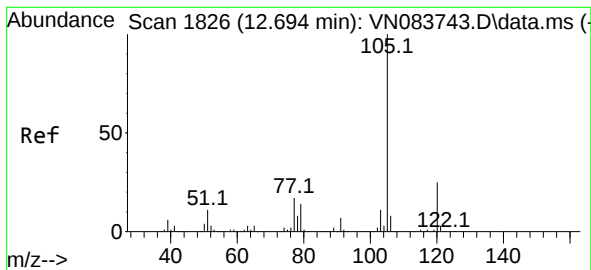


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56



Tgt Ion:152 Resp: 119773
Ion Ratio Lower Upper
152 100
115 64.3 32.2 96.6
150 170.9 0.0 348.6





#73

Isopropylbenzene

Concen: 45.020 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN083817.D

Acq: 11 Sep 2024 23:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 417170

Ion Ratio Lower Upper

105 100

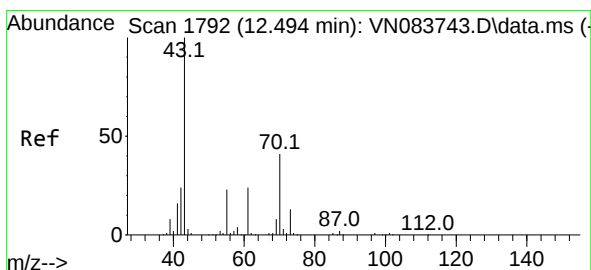
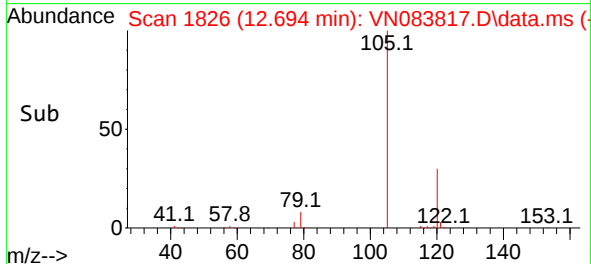
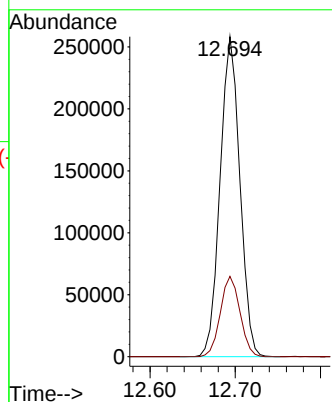
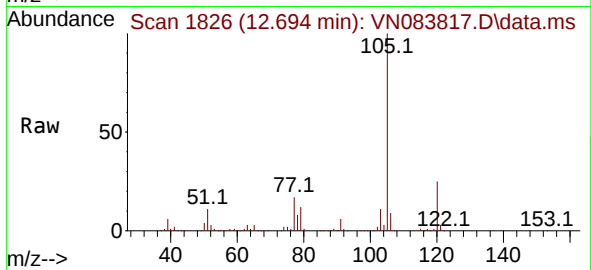
120 24.9 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2024

Supervised By :Mahesh Dadoda 09/12/2024



#74

N-ethyl acetate

Concen: 58.281 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN083817.D

Acq: 11 Sep 2024 23:56

Tgt Ion: 43 Resp: 230416

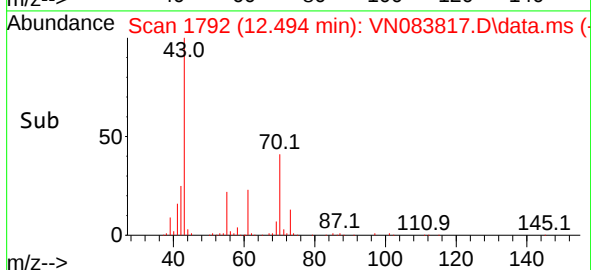
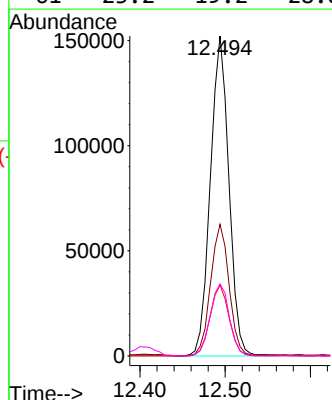
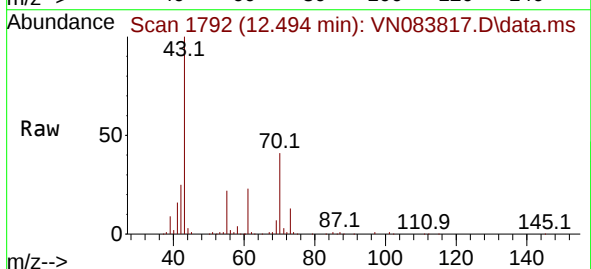
Ion Ratio Lower Upper

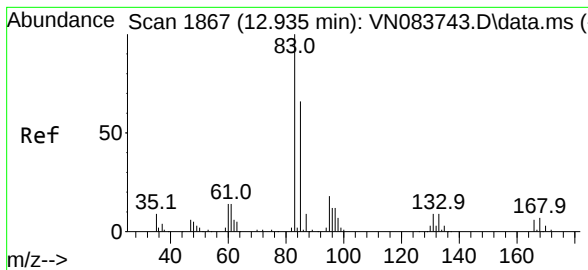
43 100

70 41.0 34.5 51.7

55 22.7 18.6 28.0

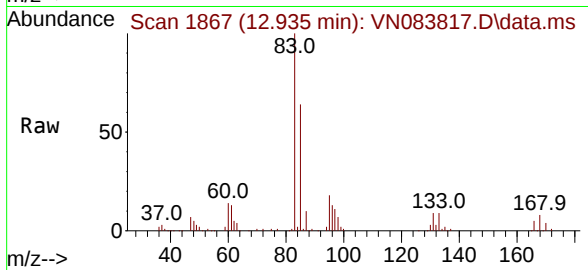
61 23.2 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 48.696 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

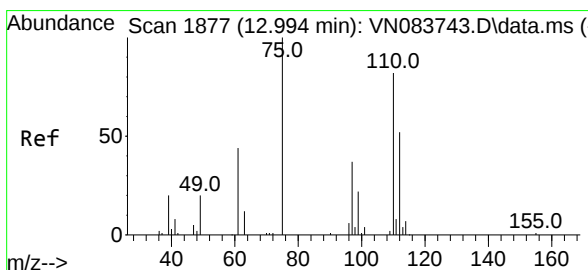
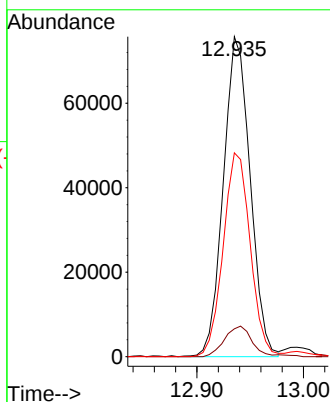
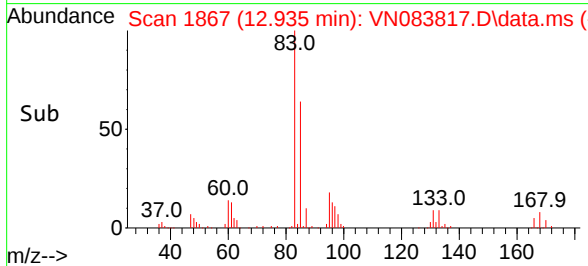
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 132580
Ion Ratio Lower Upper
83 100
131 10.0 5.2 15.6
85 64.2 31.9 95.9

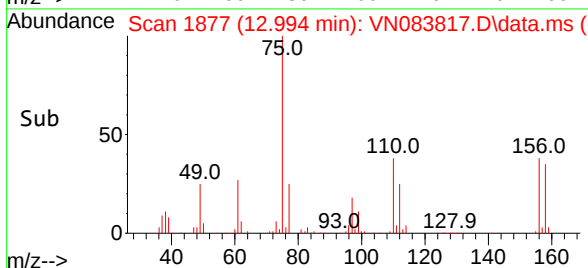
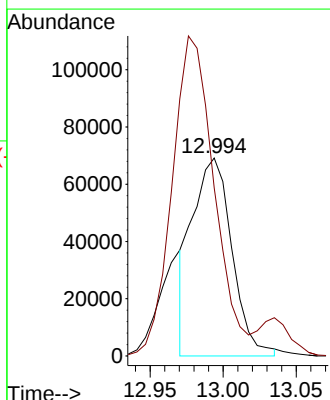
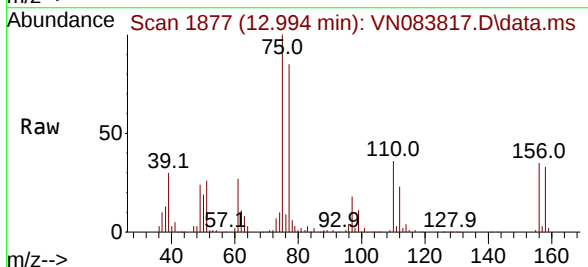
Manual Integrations
APPROVED

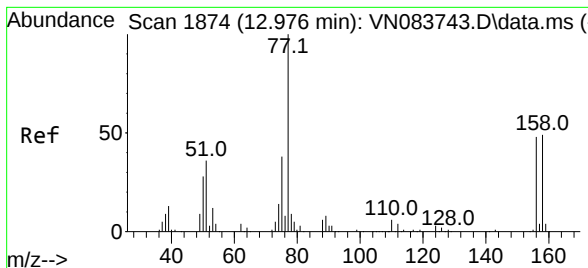
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#76
1,2,3-Trichloropropane
Concen: 53.720 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Tgt Ion: 75 Resp: 129830
Ion Ratio Lower Upper
75 100
77 172.0 95.2 285.6





#77

Bromobenzene

Concen: 41.854 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN083817.D

Acq: 11 Sep 2024 23:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

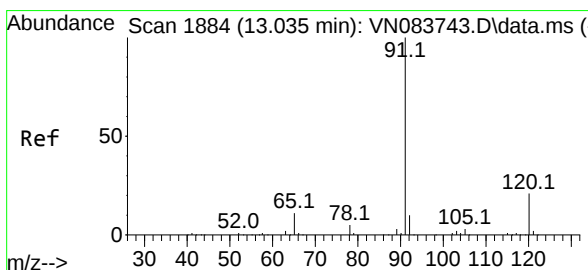
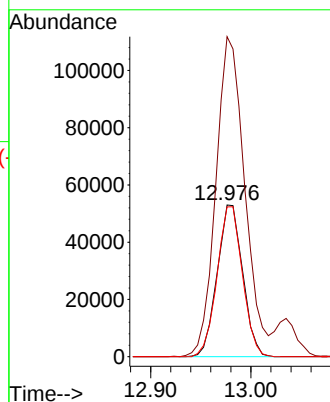
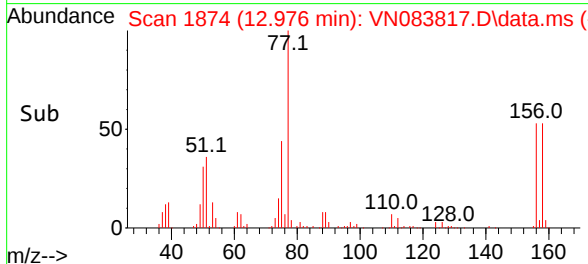
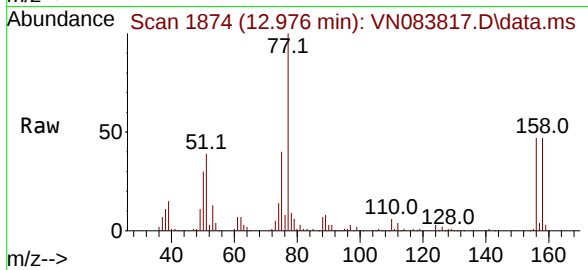
Tgt Ion:156 Resp: 93350
 Ion Ratio Lower Upper
 156 100
 77 239.2 114.3 343.1
 158 98.4 48.9 146.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2024

Supervised By :Mahesh Dadoda 09/12/2024



#78

n-propylbenzene

Concen: 44.763 ug/l

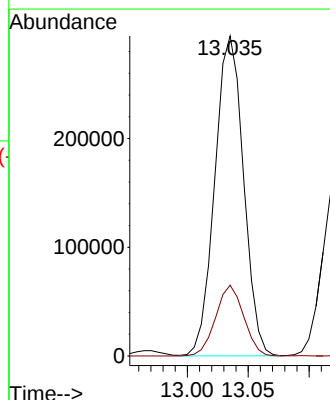
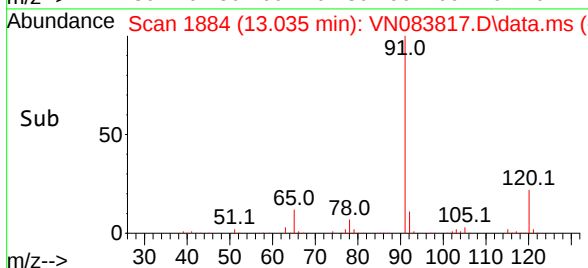
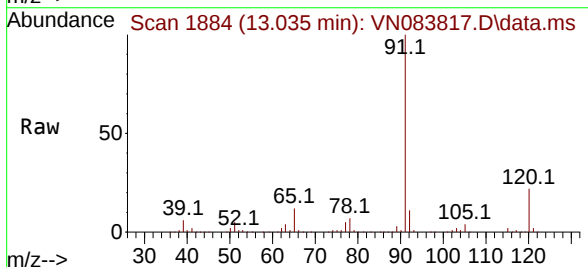
RT: 13.035 min Scan# 1884

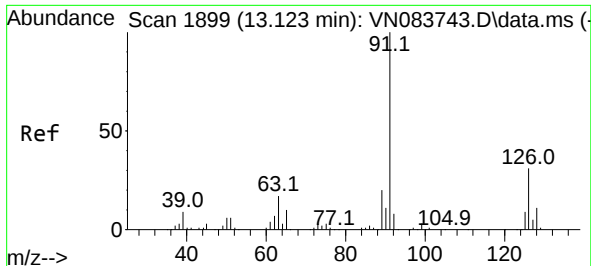
Delta R.T. -0.000 min

Lab File: VN083817.D

Acq: 11 Sep 2024 23:56

Tgt Ion: 91 Resp: 482611
 Ion Ratio Lower Upper
 91 100
 120 21.6 11.0 33.0





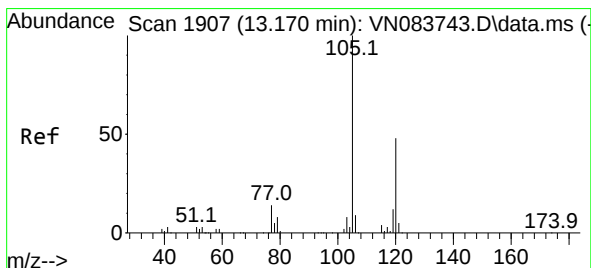
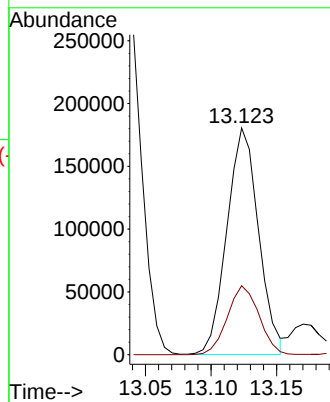
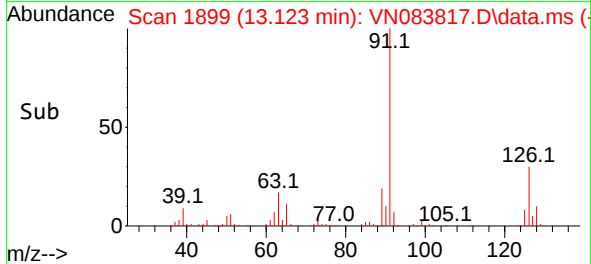
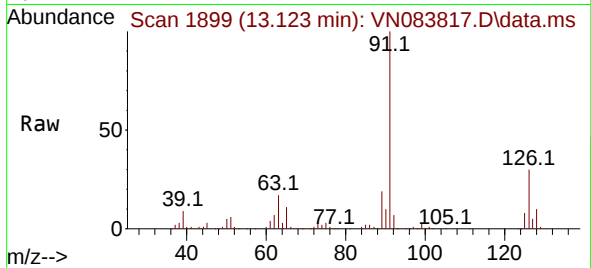
#79
2-Chlorotoluene
Concen: 44.055 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 30292
Ion Ratio Lower Upper
91 100
126 30.5 15.4 46.2

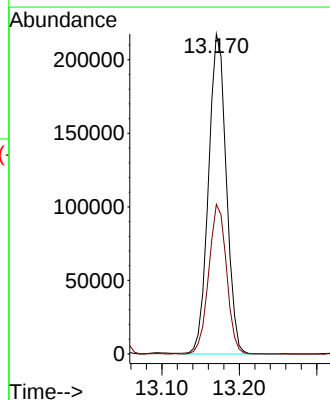
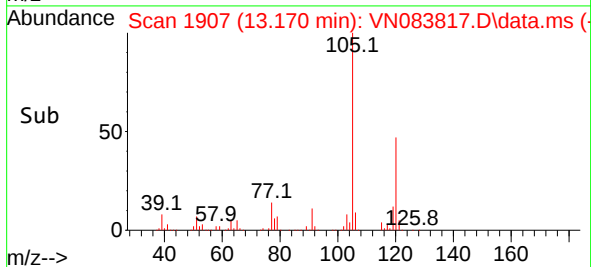
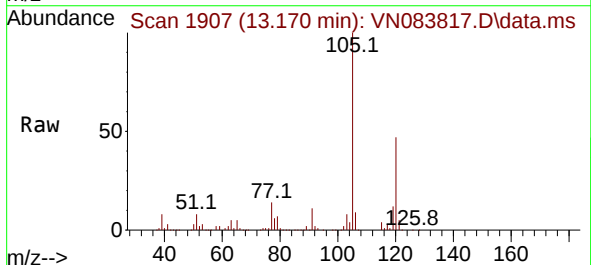
Manual Integrations
APPROVED

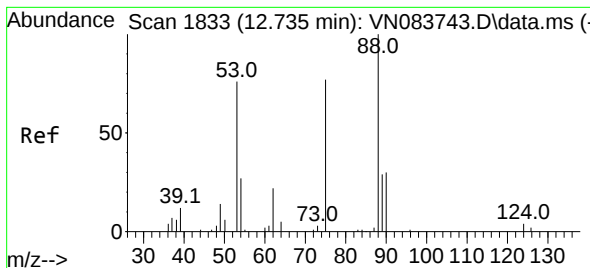
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#80
1,3,5-Trimethylbenzene
Concen: 44.510 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

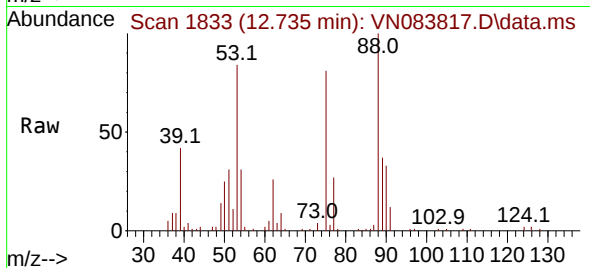
Tgt Ion:105 Resp: 347730
Ion Ratio Lower Upper
105 100
120 46.8 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 47.477 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

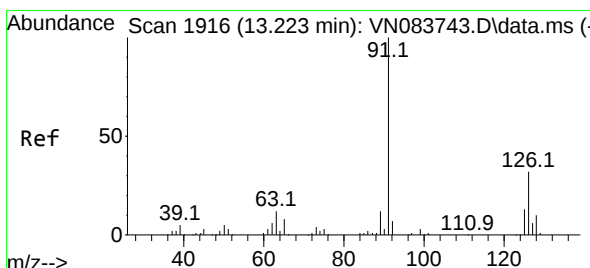
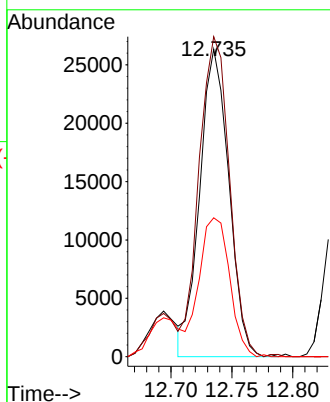
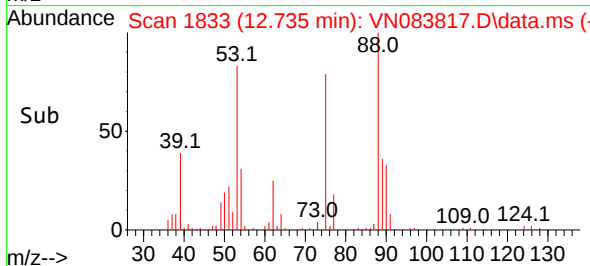
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



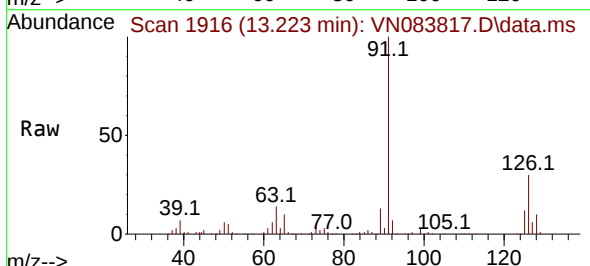
Tgt Ion: 75 Resp: 43810
Ion Ratio Lower Upper
75 100
53 108.6 81.2 121.8
89 46.8 35.7 53.5

Manual Integrations
APPROVED

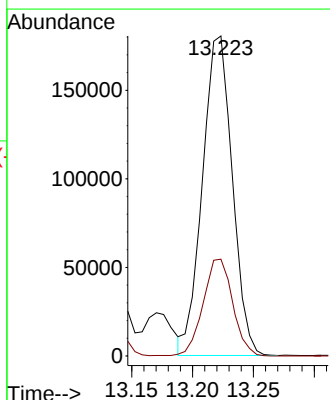
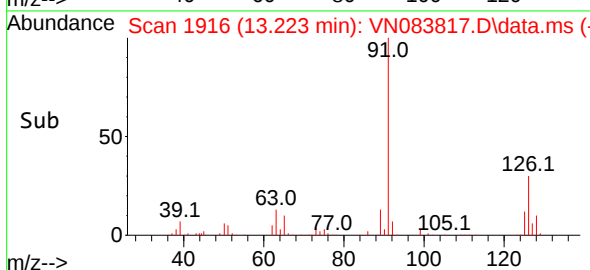
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

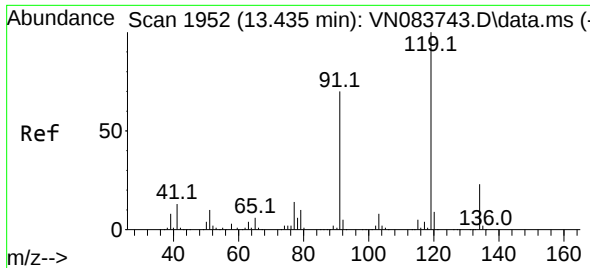


#82
4-Chlorotoluene
Concen: 44.589 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56



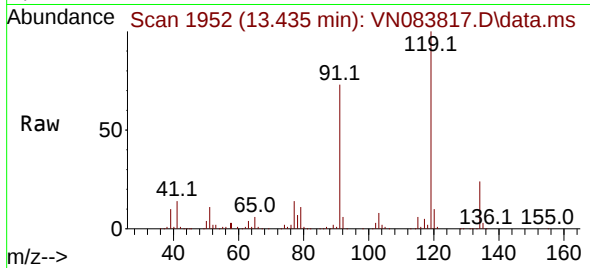
Tgt Ion: 91 Resp: 307669
Ion Ratio Lower Upper
91 100
126 30.1 15.4 46.2





#83
tert-Butylbenzene
Concen: 45.010 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

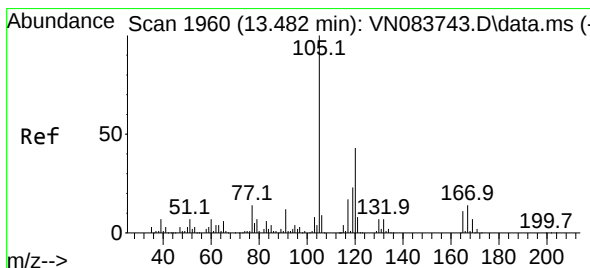
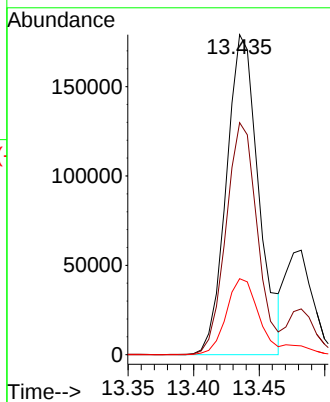
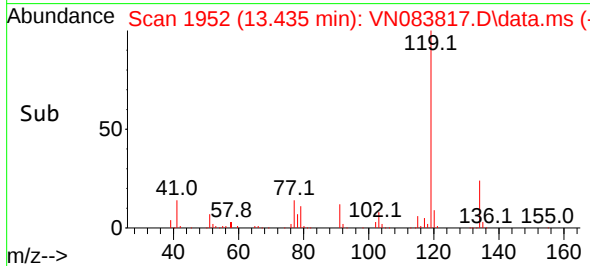
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



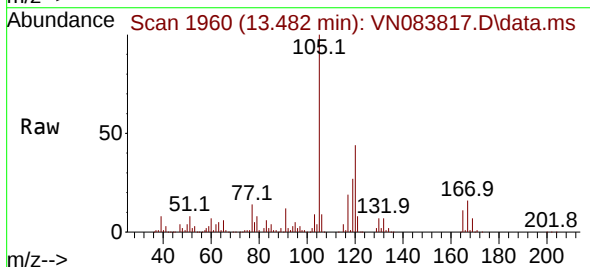
Tgt Ion:119 Resp: 30764
Ion Ratio Lower Upper
119 100
91 70.4 34.5 103.6
134 26.0 12.8 38.4

Manual Integrations
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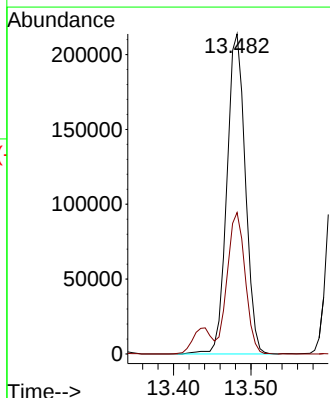
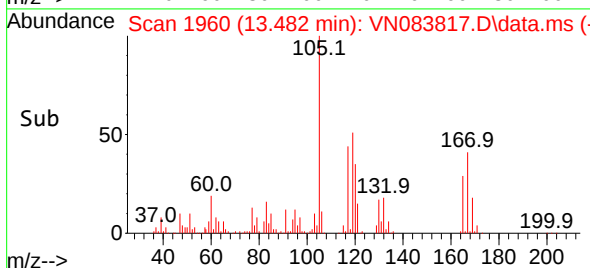
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

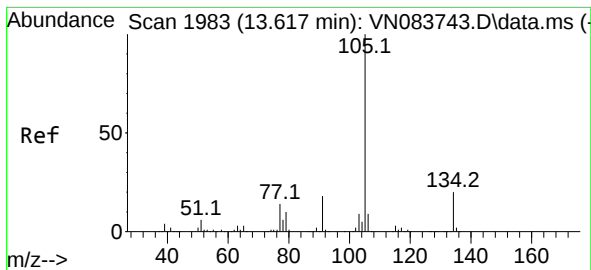


#84
1,2,4-Trimethylbenzene
Concen: 45.007 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56



Tgt Ion:105 Resp: 353198
Ion Ratio Lower Upper
105 100
120 43.2 21.8 65.4





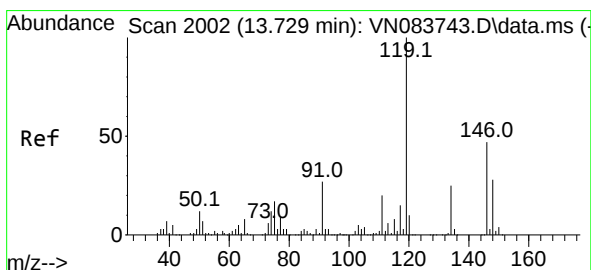
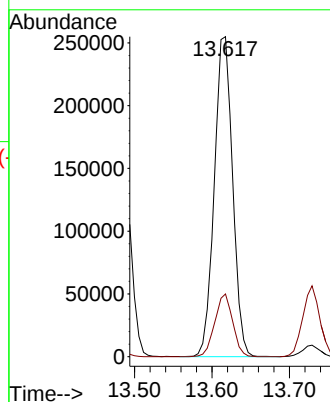
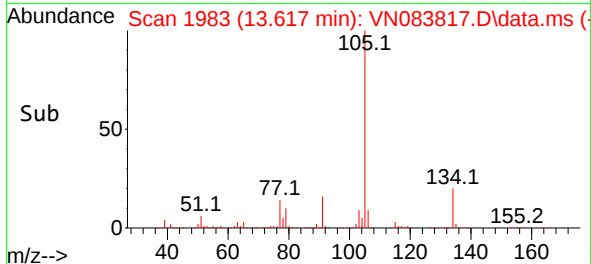
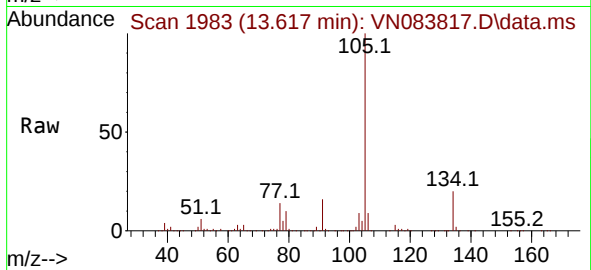
#85
 sec-Butylbenzene
 Concen: 46.359 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083817.D
 Acq: 11 Sep 2024 23:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 420235
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 29.1

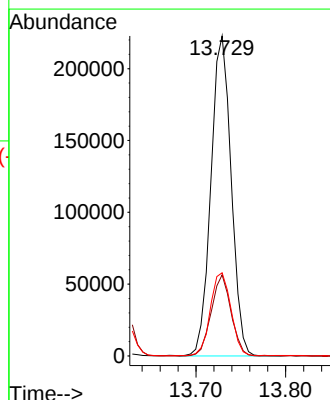
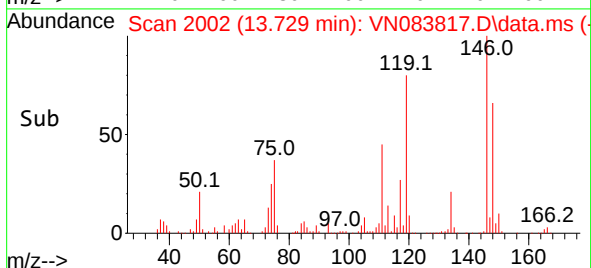
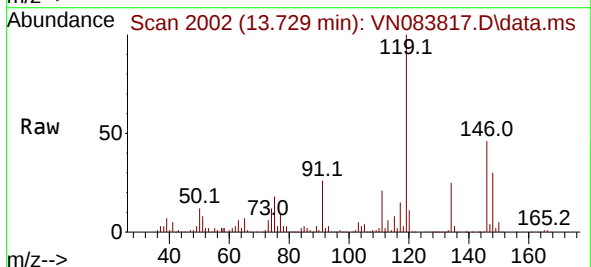
Manual Integrations
 APPROVED

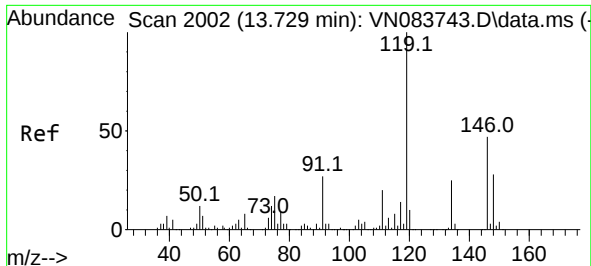
Reviewed By :John Carlone 09/12/2024
 Supervised By :Mahesh Dadoda 09/12/2024



#86
 p-Isopropyltoluene
 Concen: 45.916 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083817.D
 Acq: 11 Sep 2024 23:56

Tgt Ion:119 Resp: 348907
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.8 38.3
 91 26.2 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 42.072 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN083817.D

Acq: 11 Sep 2024 23:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 177104

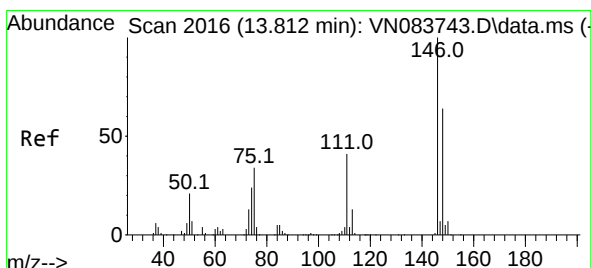
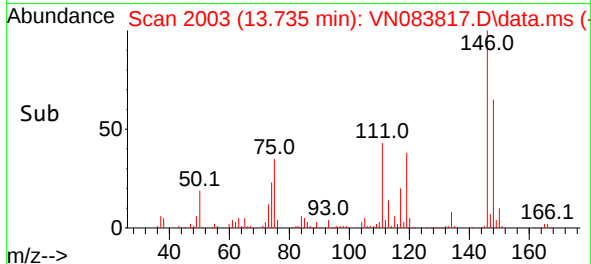
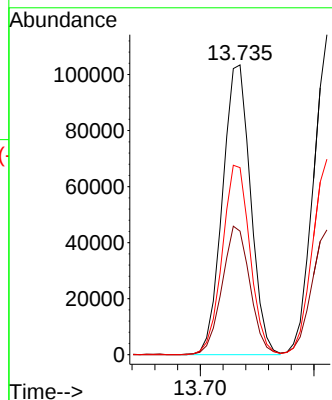
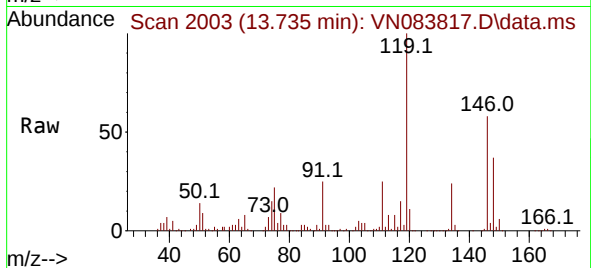
Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.7	65.1
148	64.7	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2024

Supervised By :Mahesh Dadoda 09/12/2024



#88

1,4-Dichlorobenzene

Concen: 42.803 ug/l

RT: 13.811 min Scan# 2016

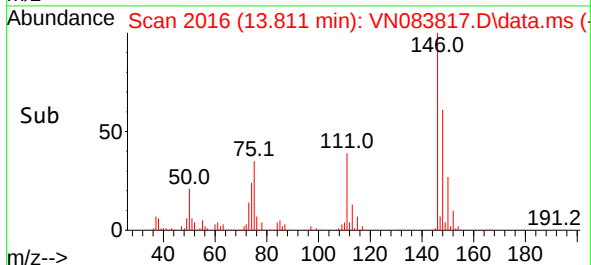
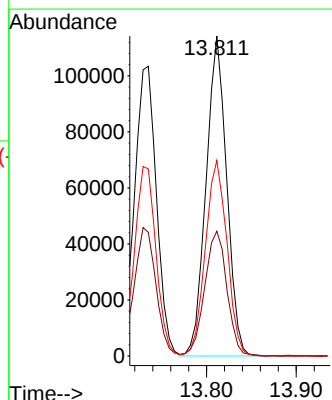
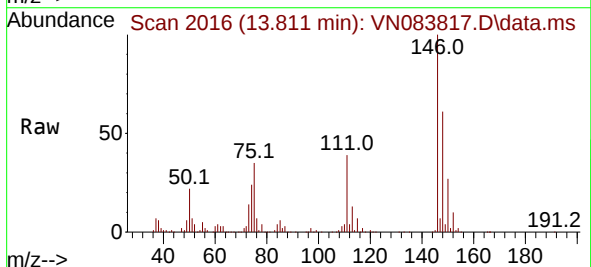
Delta R.T. -0.000 min

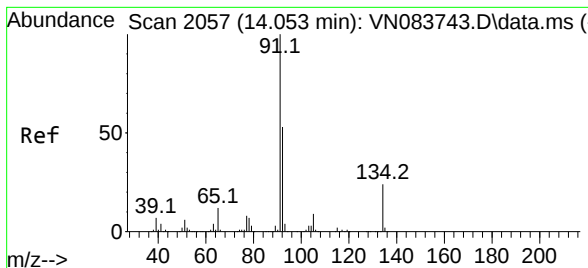
Lab File: VN083817.D

Acq: 11 Sep 2024 23:56

Tgt Ion:146 Resp: 182446

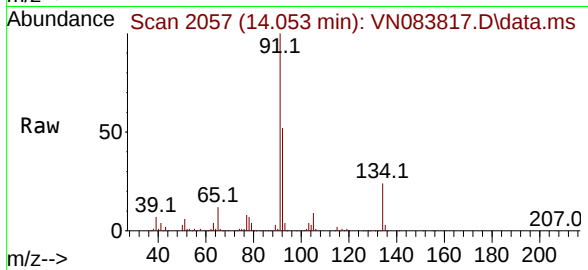
Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.3	64.0
148	64.1	32.0	96.2





#89
n-Butylbenzene
Concen: 45.187 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

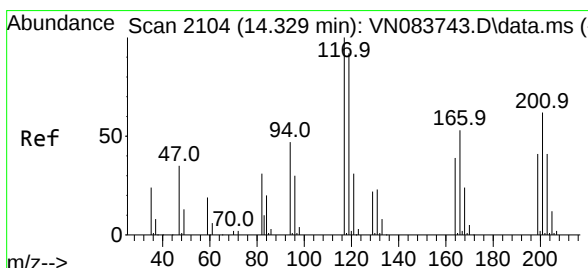
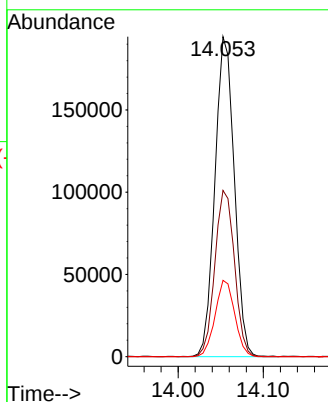
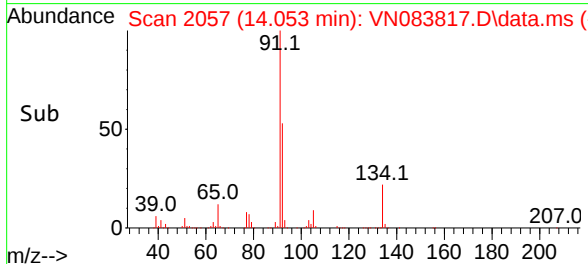
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 30828
Ion Ratio Lower Upper
91 100
92 52.6 26.7 80.1
134 24.1 12.2 36.4

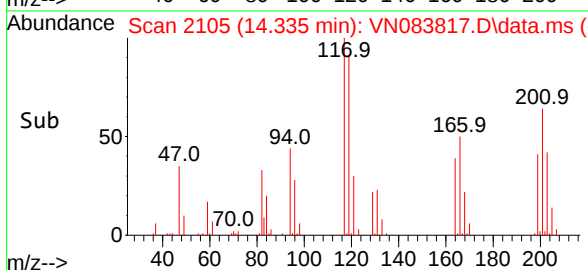
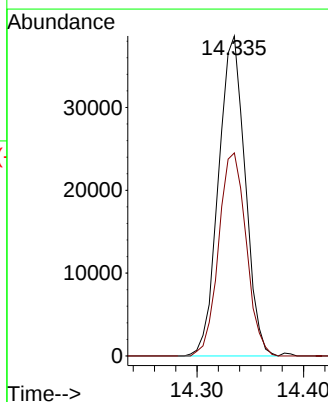
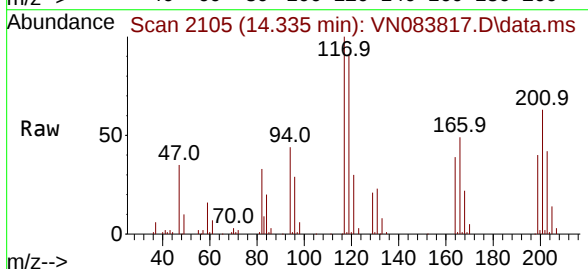
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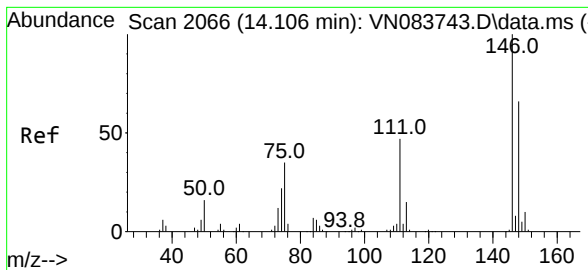
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#90
Hexachloroethane
Concen: 43.888 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

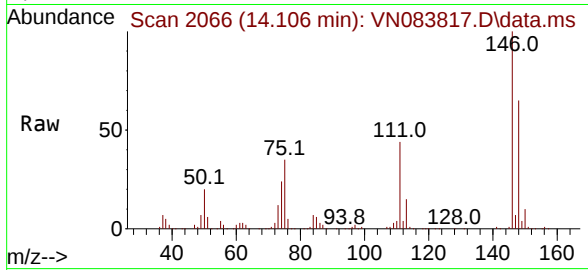
Tgt Ion:117 Resp: 67039
Ion Ratio Lower Upper
117 100
201 65.7 32.8 98.3





#91
1,2-Dichlorobenzene
Concen: 45.097 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

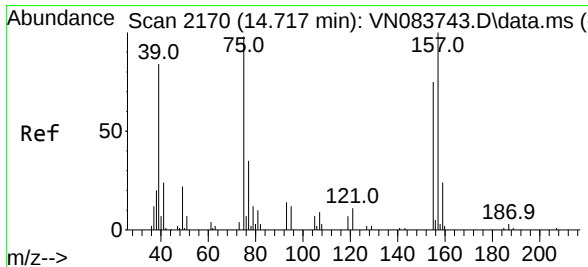
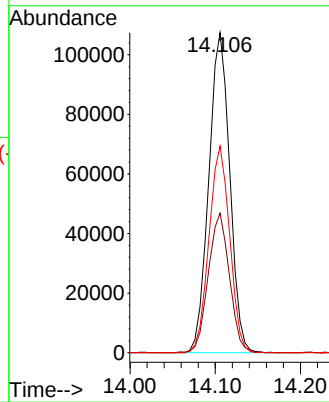
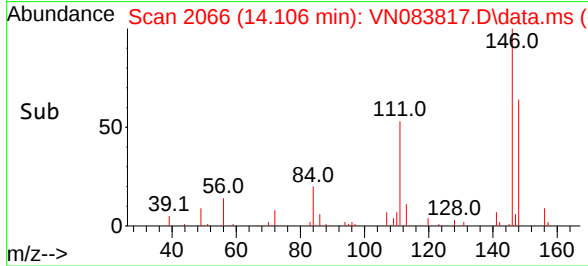
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



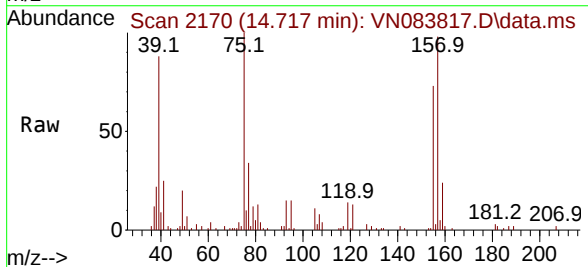
Tgt Ion:146 Resp: 18321
Ion Ratio Lower Upper
146 100
111 44.0 22.8 68.3
148 63.8 32.1 96.5

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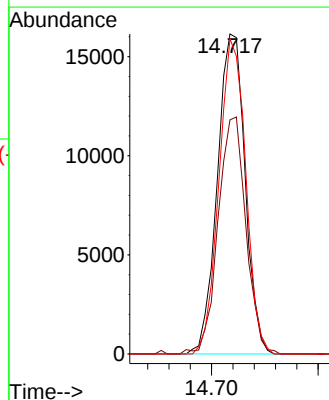
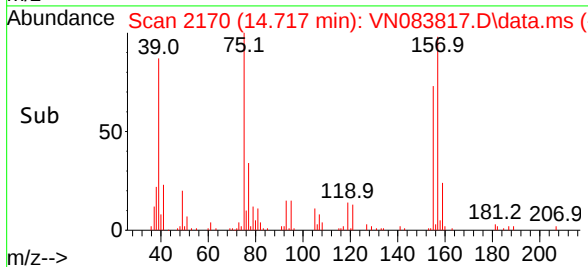
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

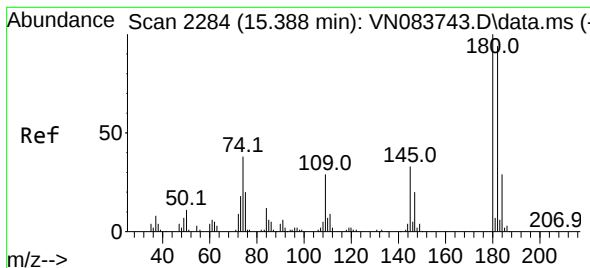


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.711 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56



Tgt Ion: 75 Resp: 29151
Ion Ratio Lower Upper
75 100
155 74.1 35.9 107.7
157 94.9 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 42.963 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN083817.D

Acq: 11 Sep 2024 23:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

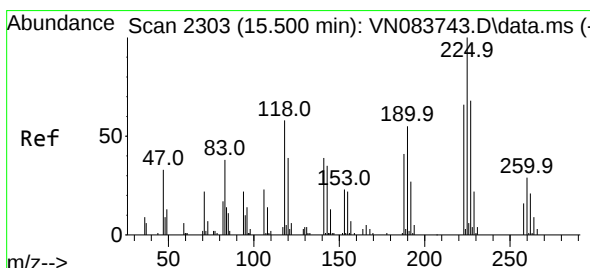
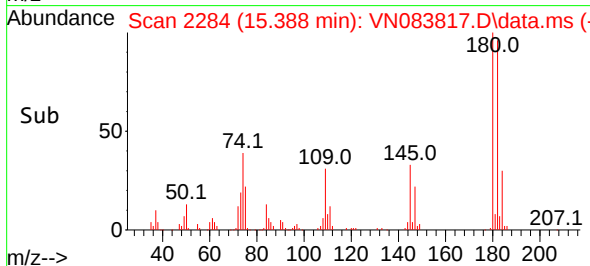
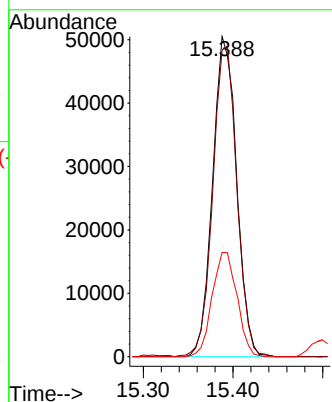
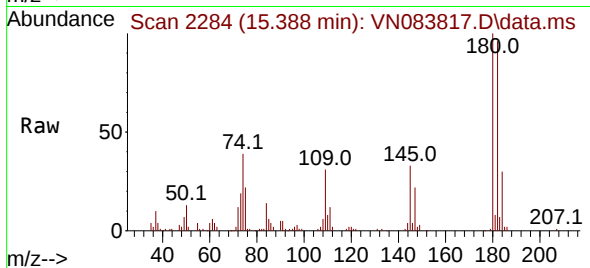
Tgt Ion:180	Resp:	9366
Ion Ratio	Lower	Upper
180	100	
182	97.3	48.1 144.3
145	33.7	16.9 50.7

Manual Integrations

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Reviewed By :John Carlone 09/12/2024

Supervised By :Mahesh Dadoda 09/12/2024



#94

Hexachlorobutadiene

Concen: 41.303 ug/l

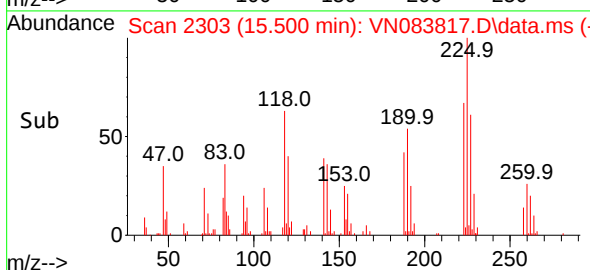
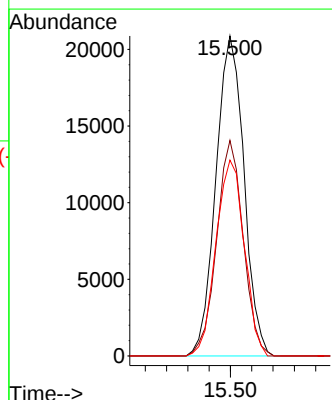
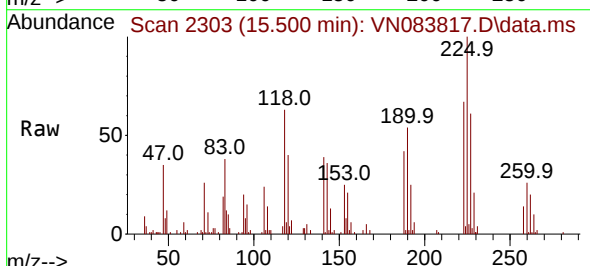
RT: 15.500 min Scan# 2303

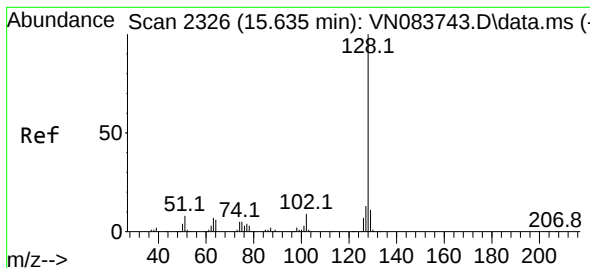
Delta R.T. -0.000 min

Lab File: VN083817.D

Acq: 11 Sep 2024 23:56

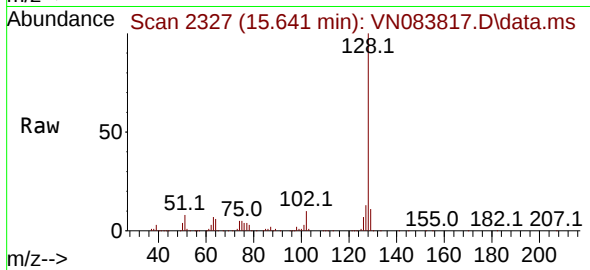
Tgt Ion:225	Resp:	38240
Ion Ratio	Lower	Upper
225	100	
223	63.7	31.9 95.5
227	61.6	32.0 96.2





#95
Naphthalene
Concen: 52.322 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

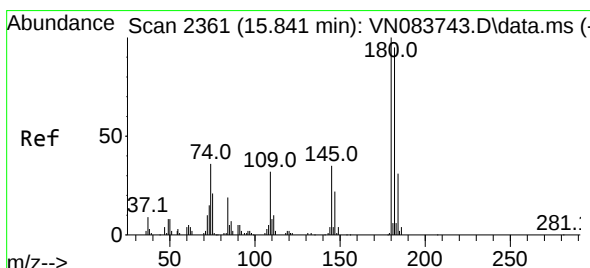
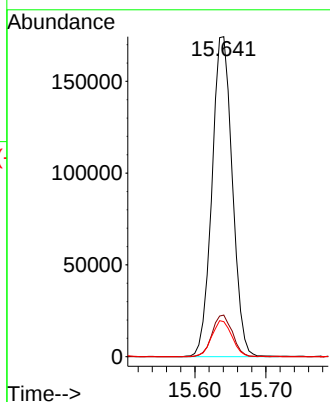
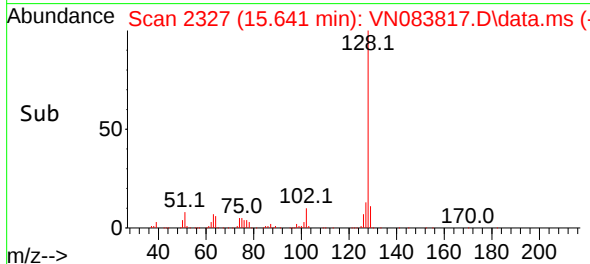
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 347032
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.2 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#96
1,2,3-Trichlorobenzene
Concen: 45.347 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN083817.D
Acq: 11 Sep 2024 23:56

Tgt Ion:180 Resp: 94482
Ion Ratio Lower Upper
180 100
182 93.8 47.1 141.4
145 35.2 17.8 53.5

