

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083819.D
 Acq On : 12 Sep 2024 08:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024

Quant Time: Sep 12 16:44:18 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	8.218	168	171176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	294083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	255388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	133023	51.537	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.080%			
35) Dibromofluoromethane	8.159	113	95406	50.676	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.360%			
50) Toluene-d8	10.565	98	346909	53.301	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.600%			
62) 4-Bromofluorobenzene	12.847	95	134454	50.071	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	96224	48.404	ug/l	99
3) Chloromethane	2.359	50	98935	48.687	ug/l	99
4) Vinyl Chloride	2.512	62	101035	46.368	ug/l	99
5) Bromomethane	2.901	94	56066	44.814	ug/l	95
6) Chloroethane	3.077	64	66299	43.376	ug/l	97
7) Trichlorofluoromethane	3.471	101	172652	46.679	ug/l	94
8) Diethyl Ether	3.959	74	60271	48.612	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.359	101	93874	47.884	ug/l	99
10) Methyl Iodide	4.577	142	119872	48.077	ug/l	95
11) Tert butyl alcohol	5.536	59	85236	246.609	ug/l	100
12) 1,1-Dichloroethene	4.330	96	87672	47.353	ug/l	94
13) Acrolein	4.177	56	74922	219.697	ug/l	98
14) Allyl chloride	5.012	41	157788	47.829	ug/l	96
15) Acrylonitrile	5.718	53	231949	246.767	ug/l	100
16) Acetone	4.430	43	259596	250.891	ug/l	96
17) Carbon Disulfide	4.700	76	224351	43.319	ug/l	98
18) Methyl Acetate	5.018	43	114040	53.010	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	326298	48.703	ug/l	99
20) Methylene Chloride	5.265	84	99776	47.123	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	88854	44.781	ug/l	89
22) Diisopropyl ether	6.671	45	332738	48.996	ug/l	97
23) Vinyl Acetate	6.600	43	1268837	255.131	ug/l	99
24) 1,1-Dichloroethane	6.559	63	184442	47.141	ug/l	99
25) 2-Butanone	7.483	43	329895	242.580	ug/l	98
26) 2,2-Dichloropropane	7.489	77	174505	48.431	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	110541	46.931	ug/l	96
28) Bromochloromethane	7.812	49	82199	49.889	ug/l	98
29) Tetrahydrofuran	7.841	42	199053	247.540	ug/l	99
30) Chloroform	7.965	83	195675	47.108	ug/l	99
31) Cyclohexane	8.253	56	157623	42.254	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	180272	47.200	ug/l	99
36) 1,1-Dichloropropene	8.365	75	133635	47.159	ug/l	100
37) Ethyl Acetate	7.559	43	131380	51.078	ug/l	97
38) Carbon Tetrachloride	8.359	117	154471	48.050	ug/l	98
39) Methylcyclohexane	9.600	83	150370	46.620	ug/l	98
40) Benzene	8.600	78	409557	48.019	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	76568	50.330	ug/l	99
42) 1,2-Dichloroethane	8.665	62	155907	48.919	ug/l	99
43) Isopropyl Acetate	8.688	43	248472	53.307	ug/l	100
44) Trichloroethene	9.353	130	92241	46.702	ug/l	96
45) 1,2-Dichloropropane	9.618	63	99408	48.223	ug/l	97
46) Dibromomethane	9.706	93	71173	49.292	ug/l	97
47) Bromodichloromethane	9.888	83	154255	49.363	ug/l	99
48) Methyl methacrylate	9.683	41	112844	51.028	ug/l	97
49) 1,4-Dioxane	9.694	88	35022	962.695	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	660580	260.350	ug/l	97
52) Toluene	10.630	92	255807	49.033	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	158919	50.173	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	167982	50.488	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	93221	47.863	ug/l	99
56) Ethyl methacrylate	10.877	69	160080	53.421	ug/l	99
57) 1,3-Dichloropropane	11.159	76	165048	49.306	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	341531	316.312	ug/l	98
59) 2-Hexanone	11.194	43	498429	265.562	ug/l	97
60) Dibromochloromethane	11.359	129	109719	50.337	ug/l	99
61) 1,2-Dibromoethane	11.471	107	95529	49.180	ug/l	98
64) Tetrachloroethene	11.106	164	76750	45.190	ug/l	95
65) Chlorobenzene	11.888	112	267217	47.077	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	95516	48.541	ug/l	100
67) Ethyl Benzene	11.965	91	488383	48.435	ug/l	99
68) m/p-Xylenes	12.071	106	364372	97.334	ug/l	98
69) o-Xylene	12.394	106	179341	49.487	ug/l	99
70) Styrene	12.406	104	299036	50.279	ug/l	99
71) Bromoform	12.576	173	68706	51.815	ug/l #	98
73) Isopropylbenzene	12.694	105	464887	49.282	ug/l	100
74) N-amyl acetate	12.494	43	212297	52.748	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	133880	48.304	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	114988m	46.738	ug/l	
77) Bromobenzene	12.976	156	105301	46.374	ug/l	98
78) n-propylbenzene	13.035	91	533500	48.608	ug/l	100
79) 2-Chlorotoluene	13.123	91	334022	47.719	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	390772	49.135	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	49414	52.603	ug/l	98
82) 4-Chlorotoluene	13.218	91	334981	47.689	ug/l	100
83) tert-Butylbenzene	13.435	119	339247	48.756	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	393109	49.207	ug/l	100
85) sec-Butylbenzene	13.618	105	455470	49.358	ug/l	100
86) p-Isopropyltoluene	13.729	119	385905	49.887	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	196635	45.886	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	194876	44.911	ug/l	99
89) n-Butylbenzene	14.053	91	330460	47.581	ug/l	99
90) Hexachloroethane	14.335	117	72717	46.764	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	195067	47.166	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28629	51.816	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	100652	45.352	ug/l	99
94) Hexachlorobutadiene	15.500	225	43195	45.830	ug/l	97
95) Naphthalene	15.635	128	337627	50.004	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	99138	46.741	ug/l	100

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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

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Manual Integrations

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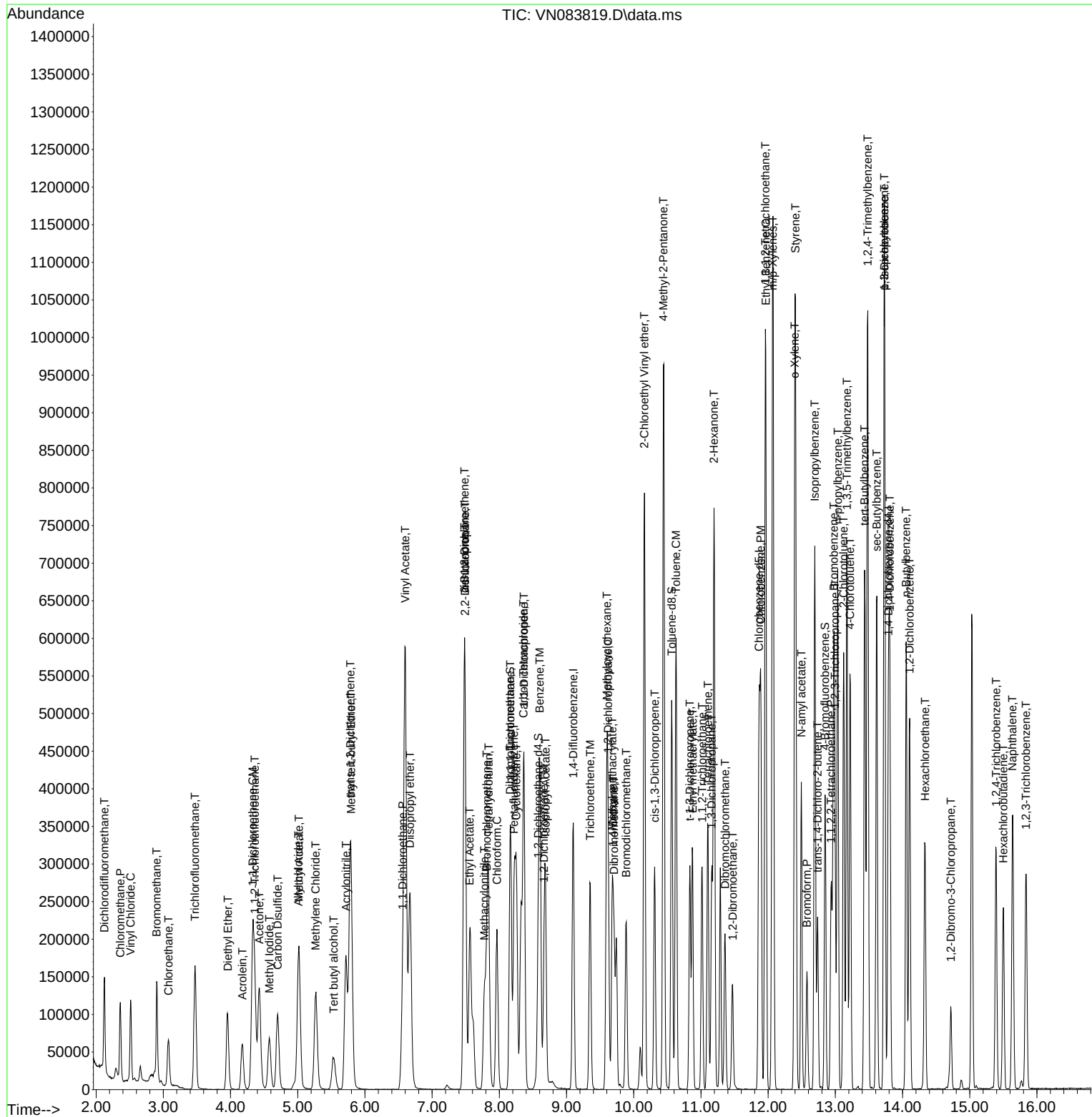
Quant Time: Sep 12 16:44:18 2024

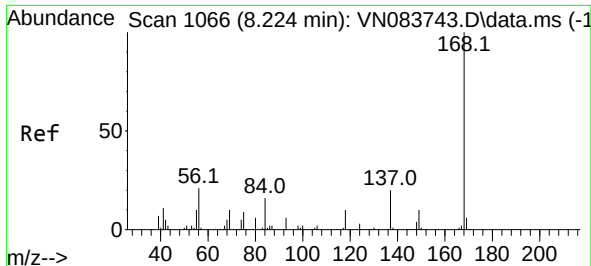
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Quant Title : SW846 8260

QLast Update : Wed Sep 11 15:18:56 2024

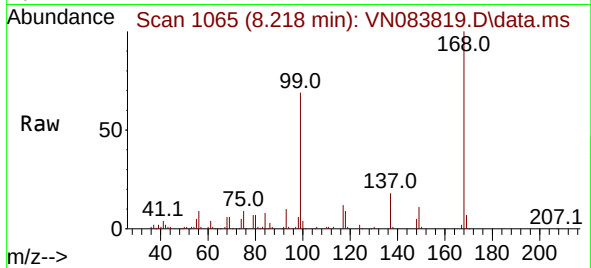
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083819.D
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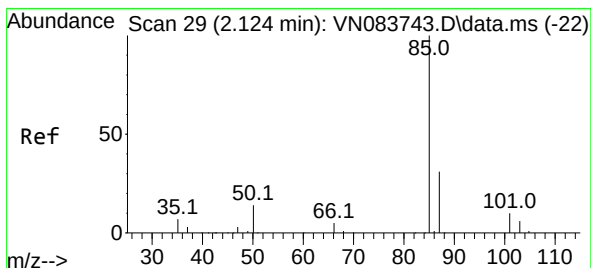
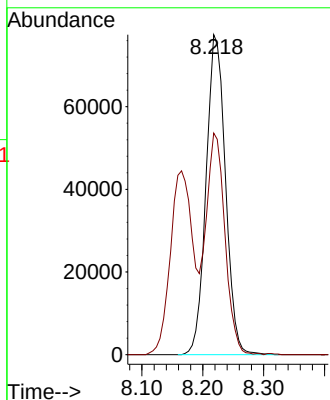
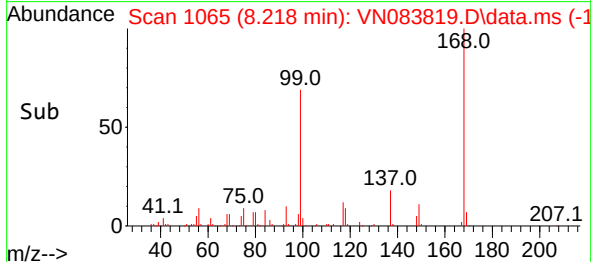
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 171170
Ion Ratio Lower Upper
168 100
99 69.1 54.2 81.2

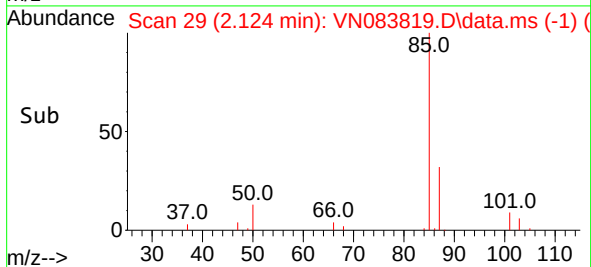
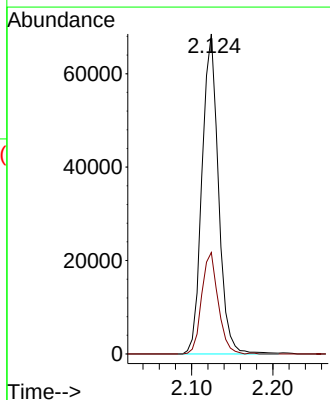
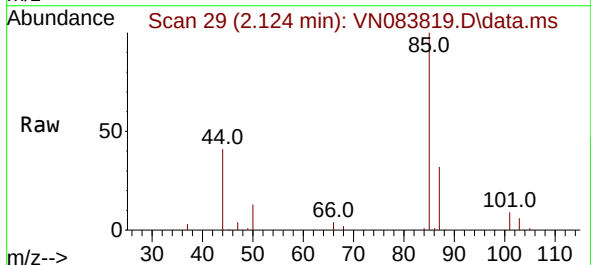
Manual Integrations
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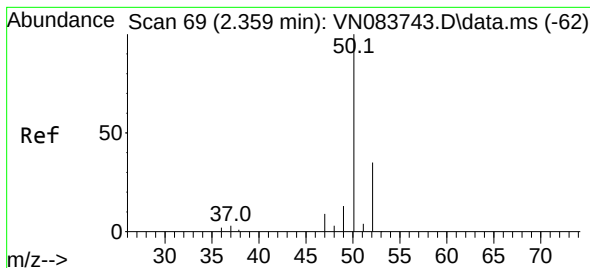
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#2
Dichlorodifluoromethane
Concen: 48.404 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

Tgt Ion: 85 Resp: 96224
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.0





#3

Chloromethane

Concen: 48.687 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN083819.D

Acq: 12 Sep 2024 08:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 98935

Ion Ratio Lower Upper

50 100

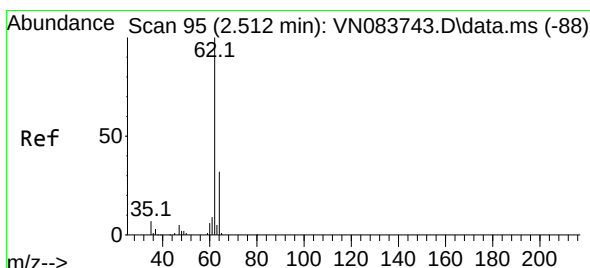
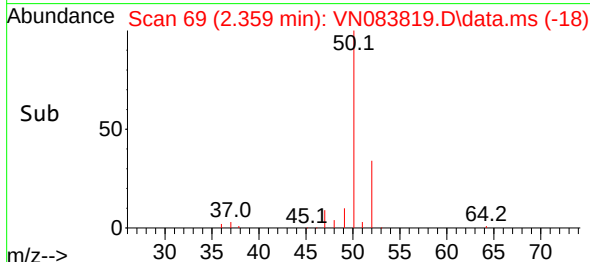
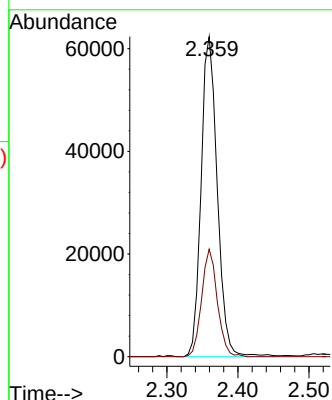
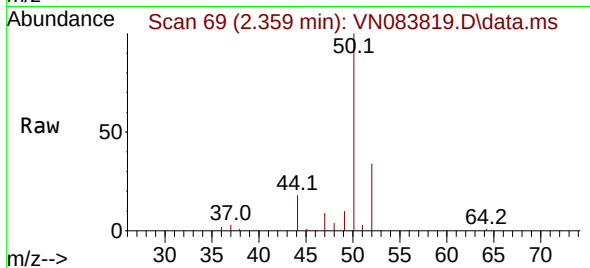
52 33.6 27.2 40.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.368 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN083819.D

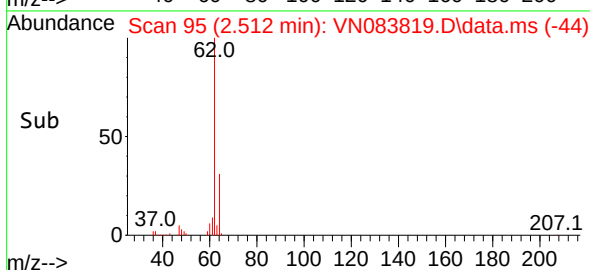
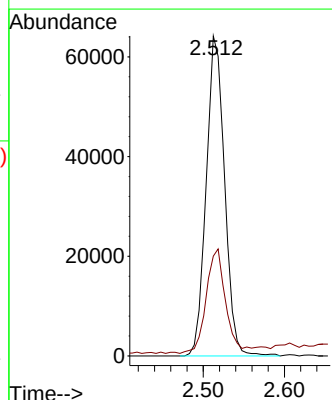
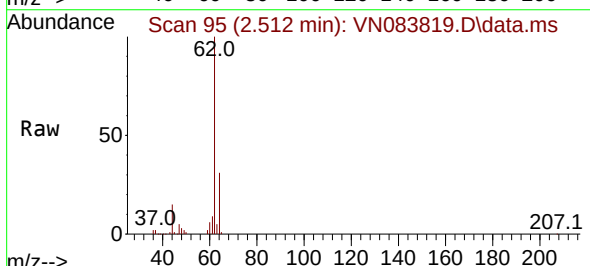
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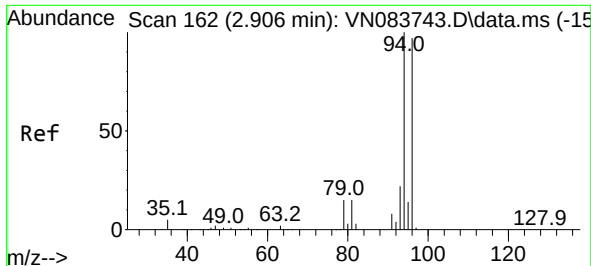
Tgt Ion: 62 Resp: 101035

Ion Ratio Lower Upper

62 100

64 30.4 24.7 37.1





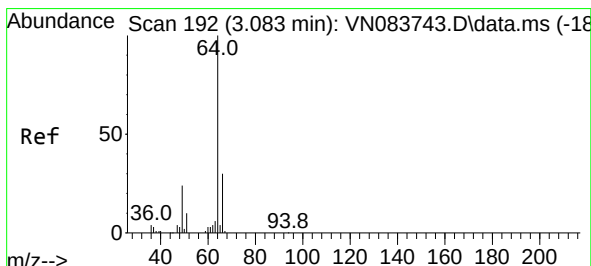
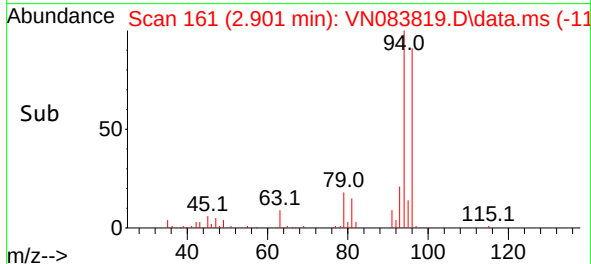
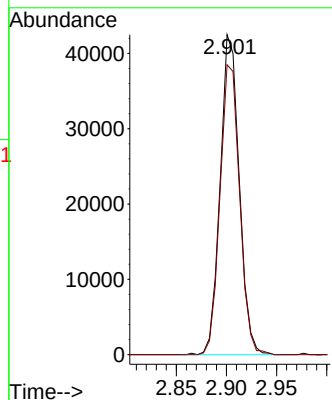
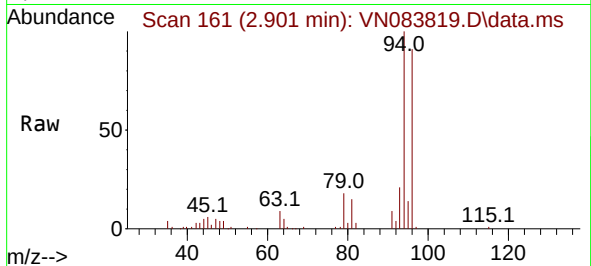
#5
Bromomethane
Concen: 44.814 ug/l
RT: 2.901 min Scan# 110
Delta R.T. -0.006 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 5606
Ion Ratio Lower Upper
94 100
96 90.6 76.0 114.0

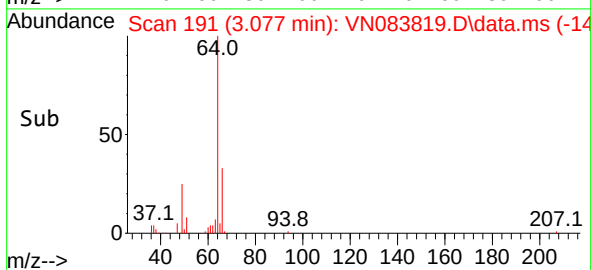
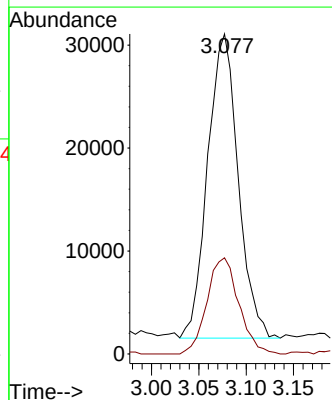
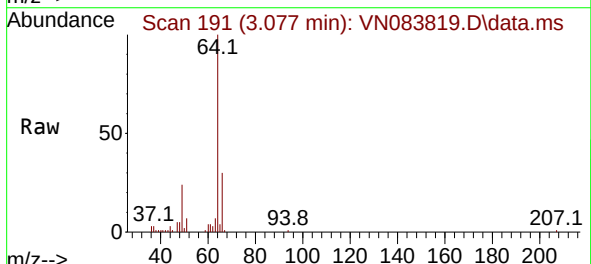
Manual Integrations
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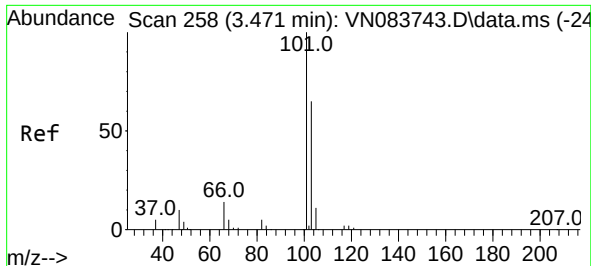
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#6
Chloroethane
Concen: 43.376 ug/l
RT: 3.077 min Scan# 191
Delta R.T. -0.006 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

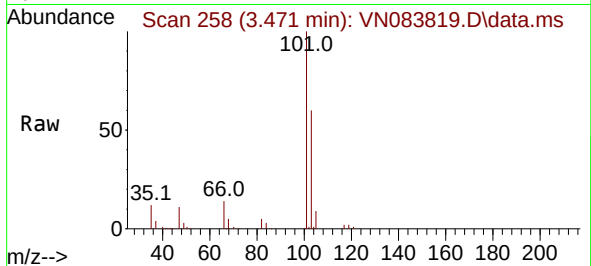
Tgt Ion: 64 Resp: 66299
Ion Ratio Lower Upper
64 100
66 31.6 23.9 35.9





#7
Trichlorofluoromethane
Concen: 46.679 ug/l
RT: 3.471 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

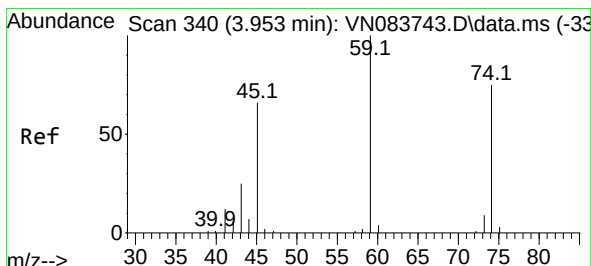
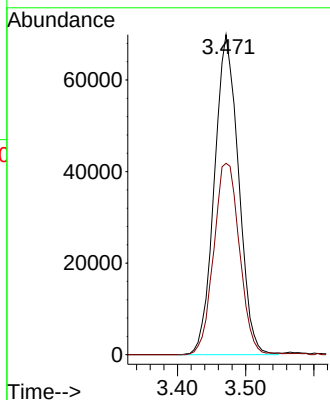
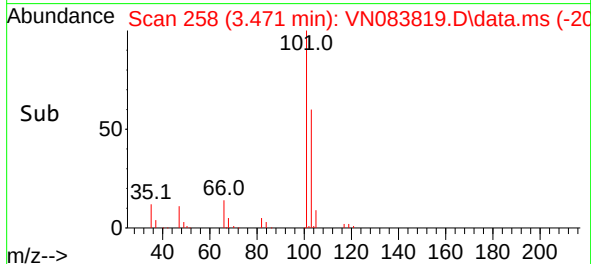
Instrument :
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Tgt Ion:101 Resp: 172652
Ion Ratio Lower Upper
101 100
103 59.8 51.4 77.0

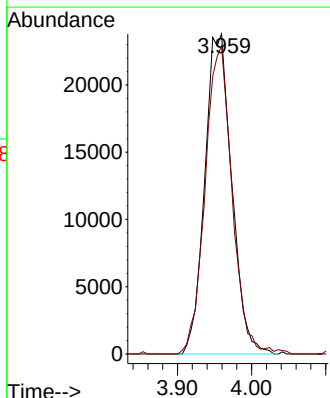
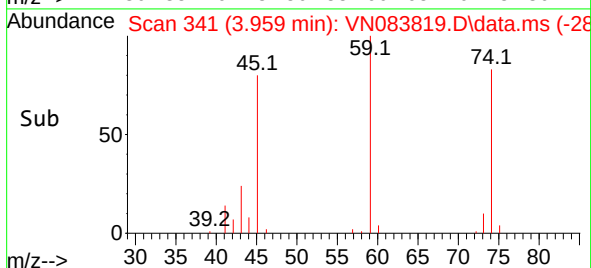
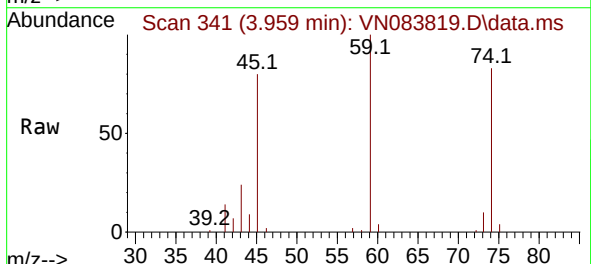
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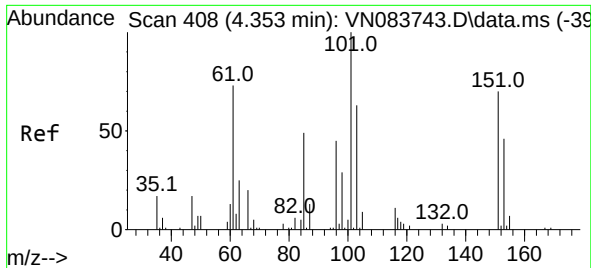
Reviewed By :John Carlone 09/13/2024
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#8
Diethyl Ether
Concen: 48.612 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

Tgt Ion: 74 Resp: 60271
Ion Ratio Lower Upper
74 100
45 96.3 46.7 140.1





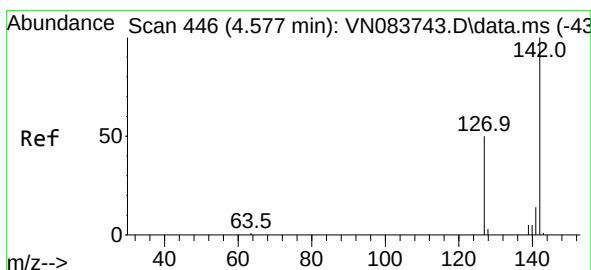
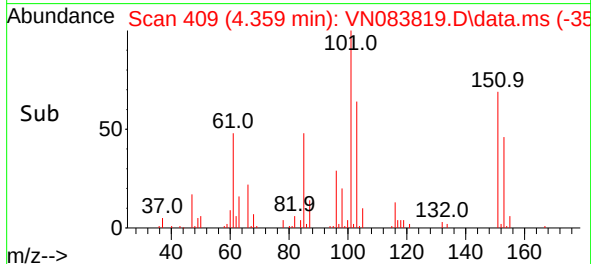
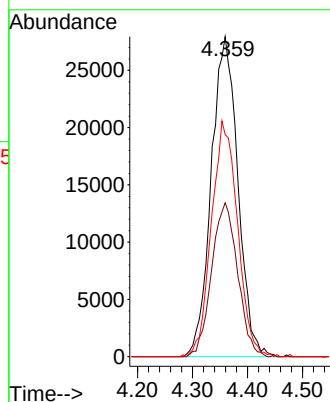
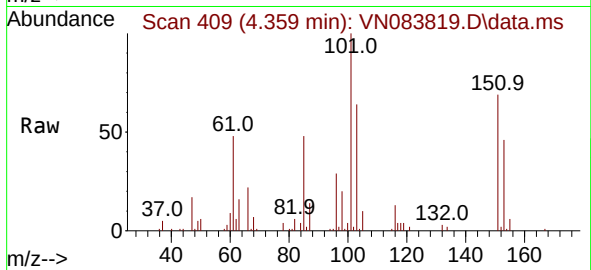
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.884 ug/l
RT: 4.359 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 93874
Ion Ratio Lower Upper
101 100
85 47.0 36.2 54.4
151 72.4 57.7 86.5

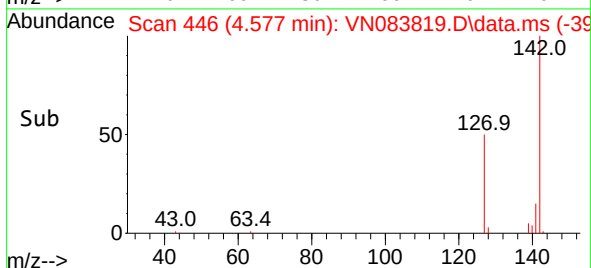
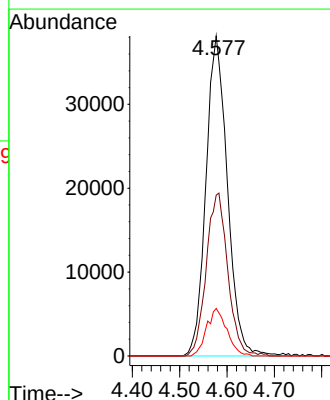
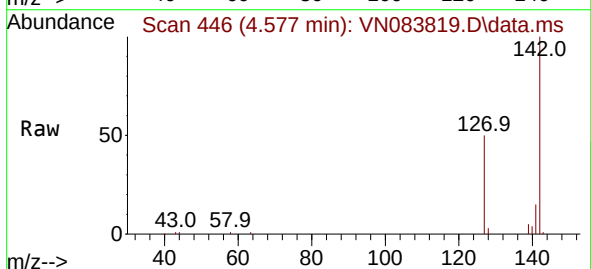
Manual Integrations
APPROVED

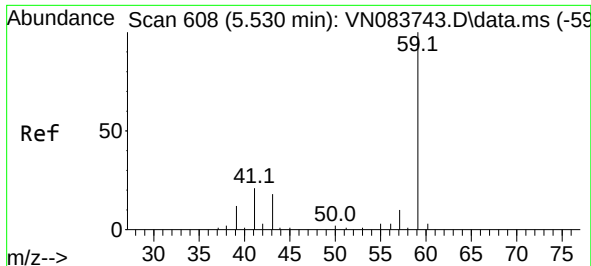
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#10
Methyl Iodide
Concen: 48.077 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

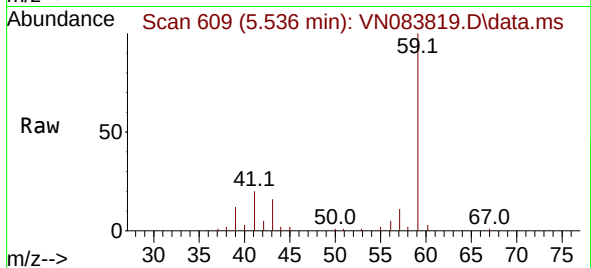
Tgt Ion:142 Resp: 119872
Ion Ratio Lower Upper
142 100
127 50.3 37.5 56.3
141 14.9 11.0 16.4





#11
Tert butyl alcohol
Concen: 246.609 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

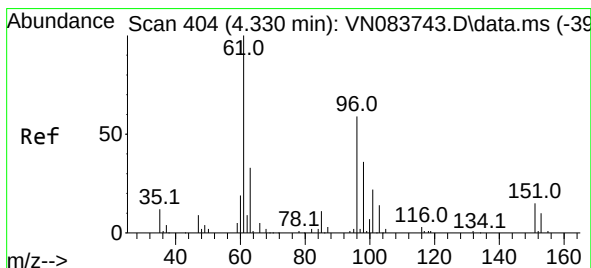
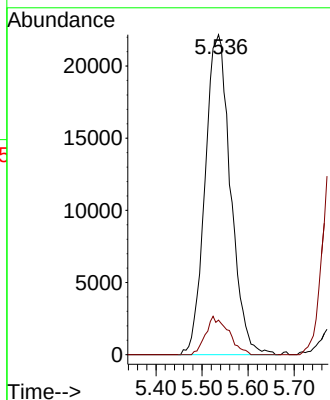
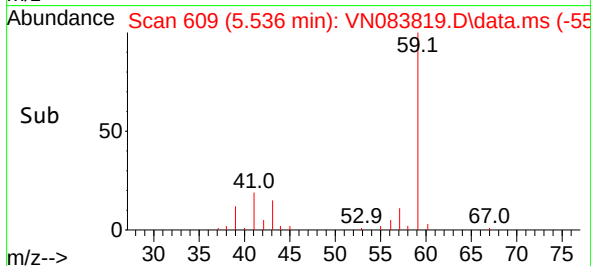
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



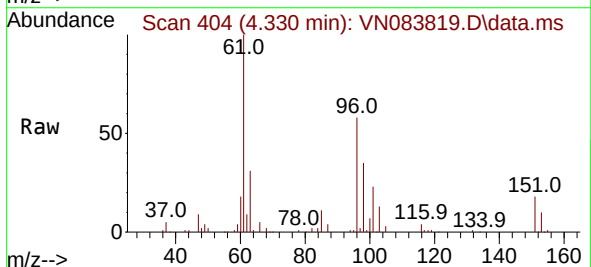
Tgt Ion: 59 Resp: 85236
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

Manual Integrations
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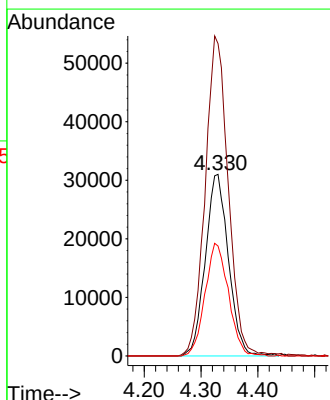
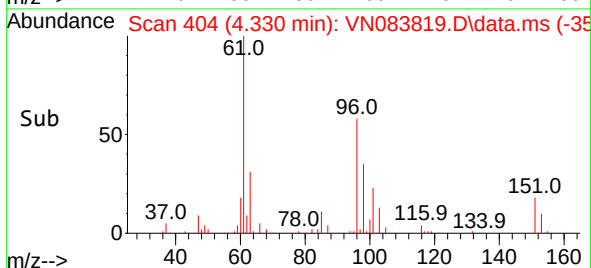
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

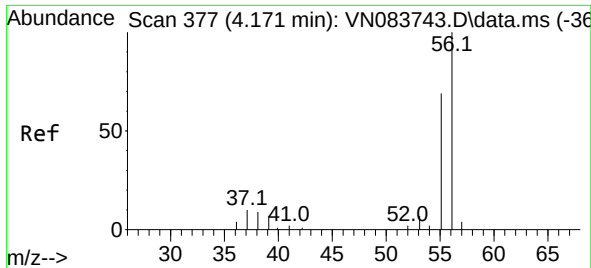


#12
1,1-Dichloroethene
Concen: 47.353 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42



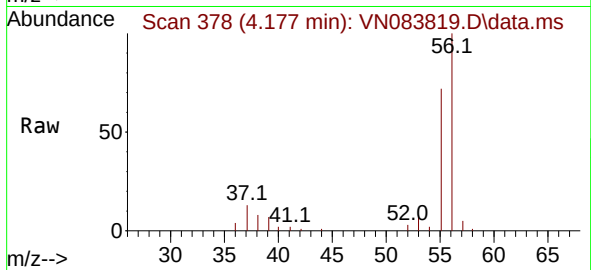
Tgt Ion: 96 Resp: 87672
Ion Ratio Lower Upper
96 100
61 172.0 143.4 215.0
98 60.6 52.7 79.1





#13
Acrolein
Concen: 219.697 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

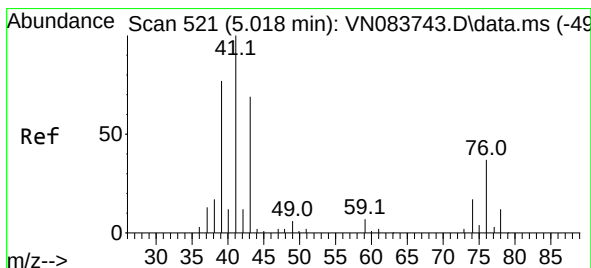
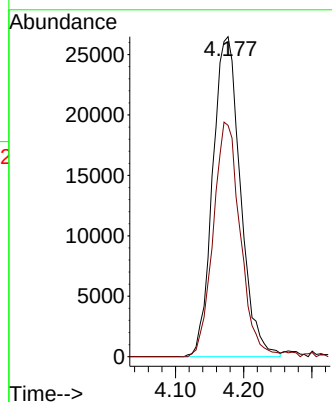
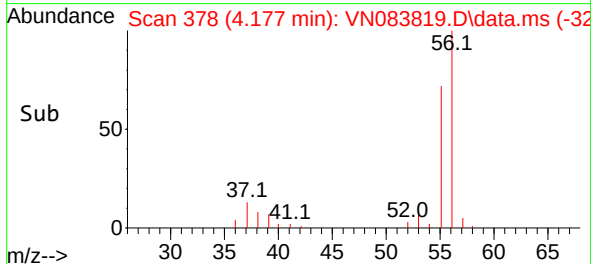
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



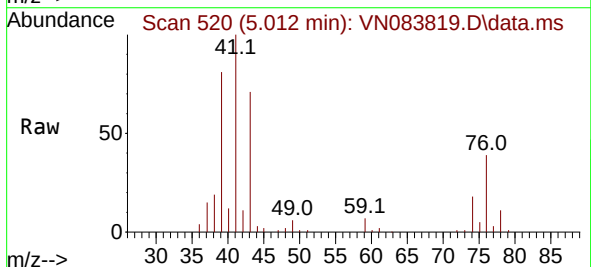
Tgt Ion: 56 Resp: 7492
Ion Ratio Lower Upper
56 100
55 71.4 58.2 87.2

Manual Integrations
APPROVED

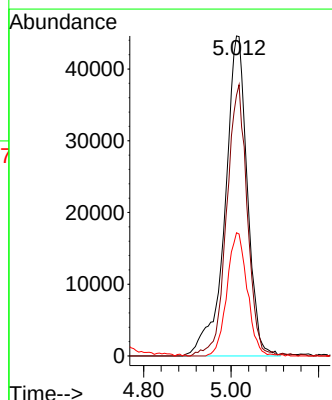
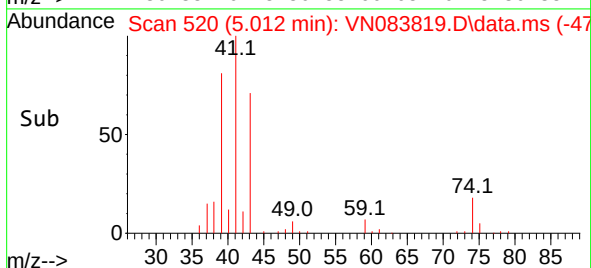
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

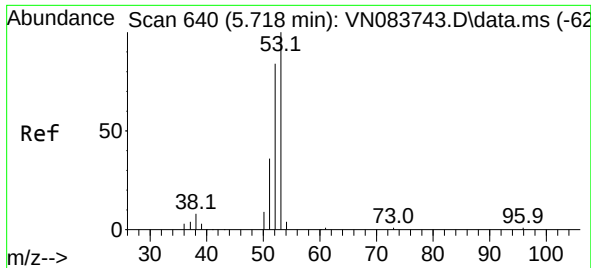


#14
Allyl chloride
Concen: 47.829 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42



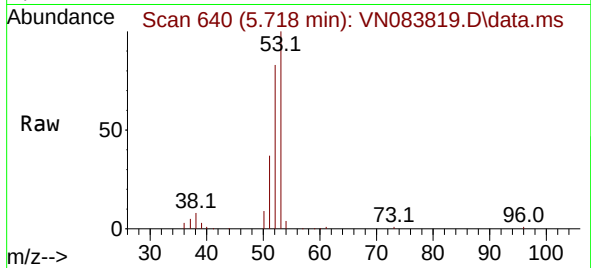
Tgt Ion: 41 Resp: 157788
Ion Ratio Lower Upper
41 100
39 78.1 59.3 88.9
76 35.1 27.7 41.5





#15
Acrylonitrile
Concen: 246.767 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

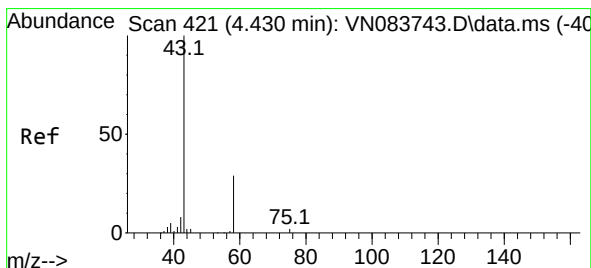
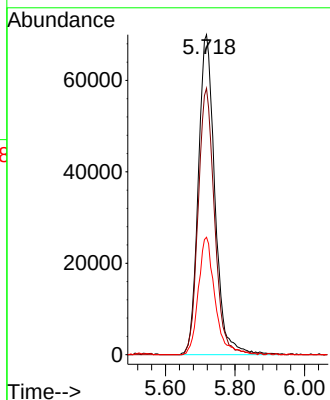
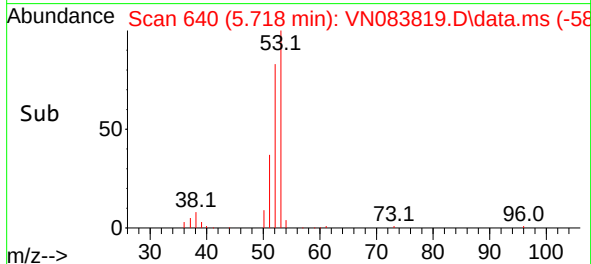
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 231949
Ion Ratio Lower Upper
53 100
52 82.1 66.1 99.1
51 37.0 29.6 44.4

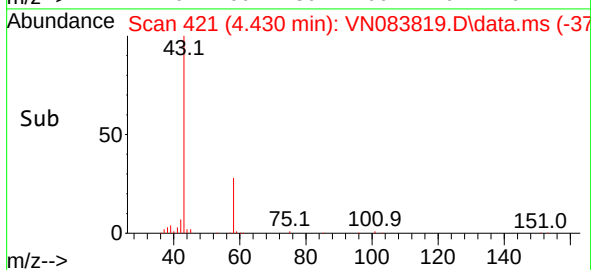
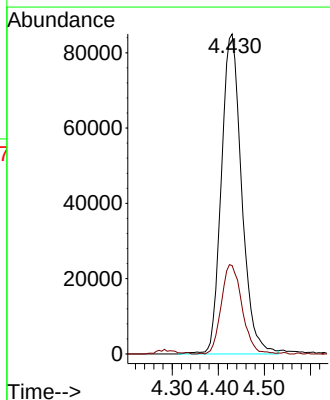
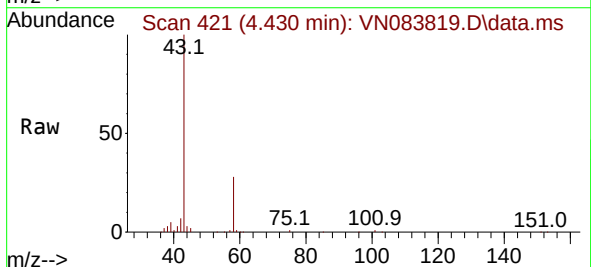
Manual Integrations
APPROVED

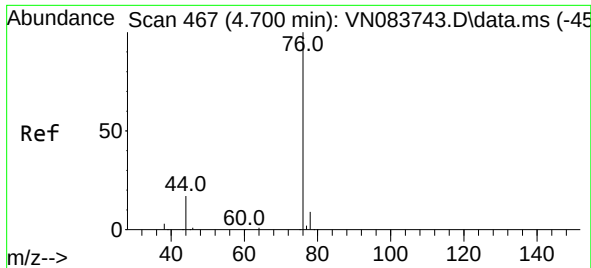
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#16
Acetone
Concen: 250.891 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

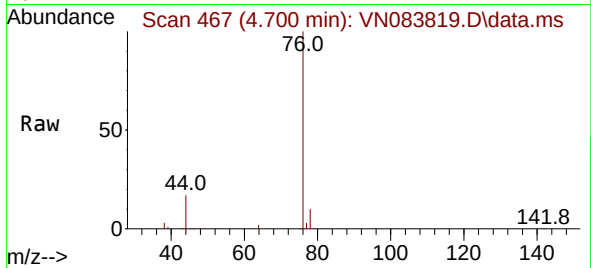
Tgt Ion: 43 Resp: 259596
Ion Ratio Lower Upper
43 100
58 27.3 23.7 35.5





#17
Carbon Disulfide
Concen: 43.319 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

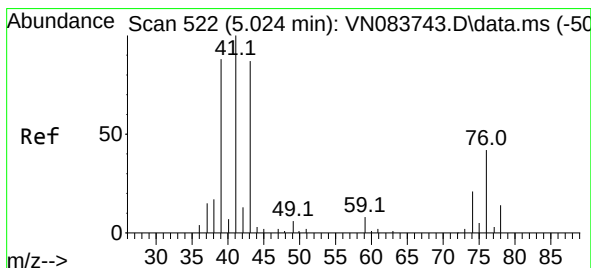
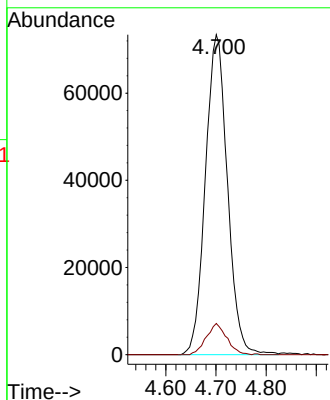
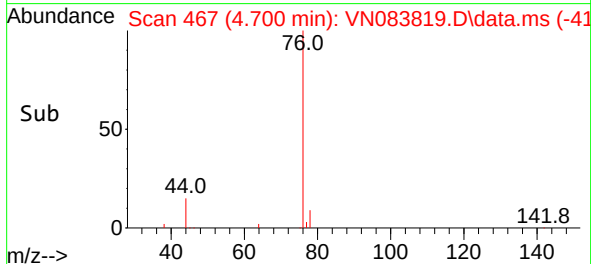
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 22435
Ion Ratio Lower Upper
76 100
78 9.8 7.1 10.7

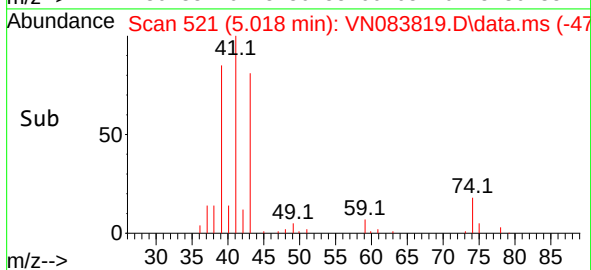
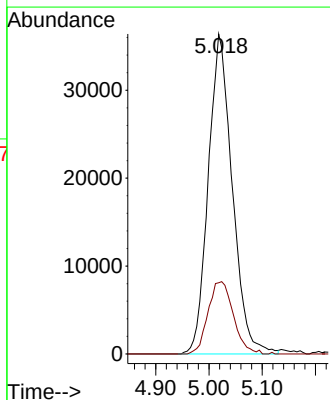
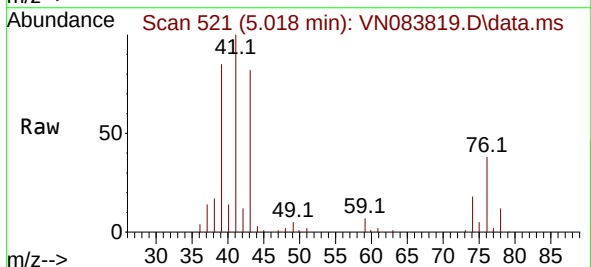
Manual Integrations
APPROVED

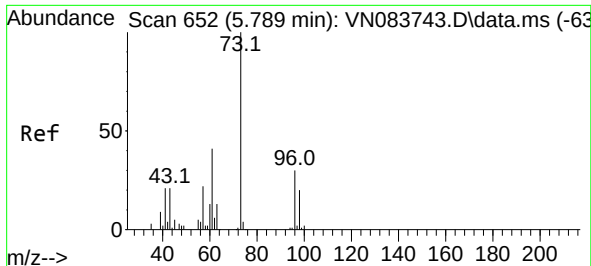
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#18
Methyl Acetate
Concen: 53.010 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

Tgt Ion: 43 Resp: 114040
Ion Ratio Lower Upper
43 100
74 23.8 19.0 28.4





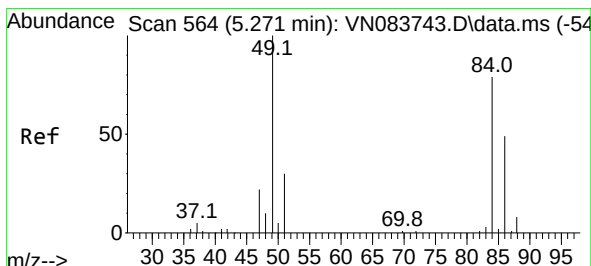
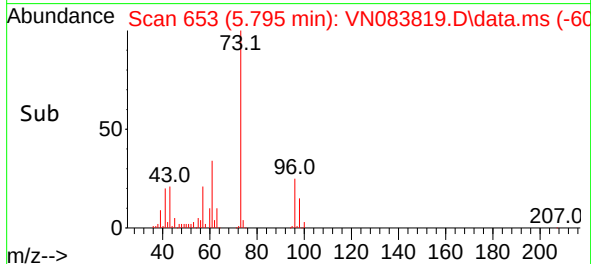
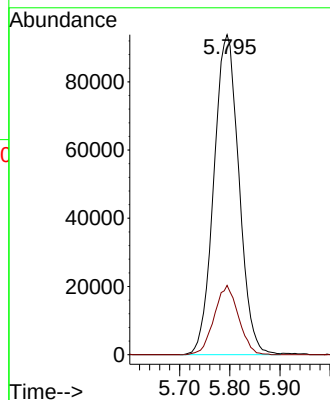
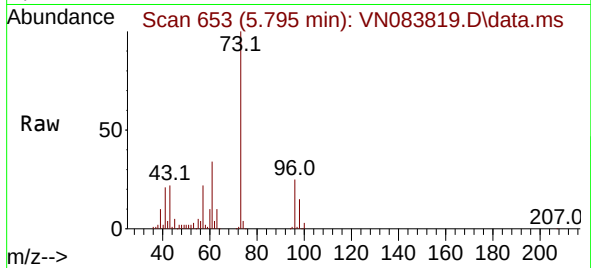
#19
Methyl tert-butyl Ether
Concen: 48.703 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 326298
Ion Ratio Lower Upper
73 100
57 21.6 17.0 25.6

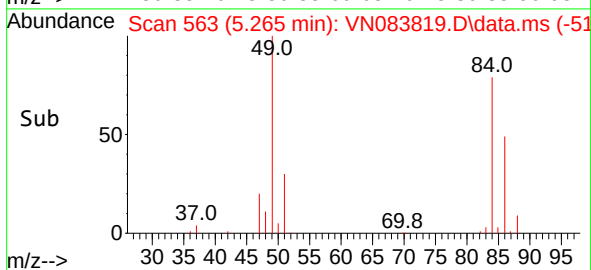
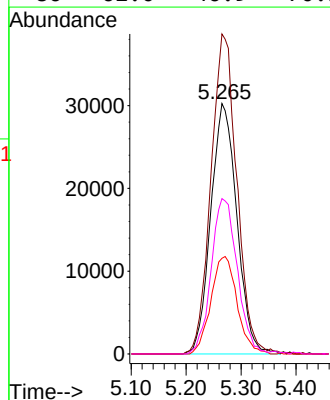
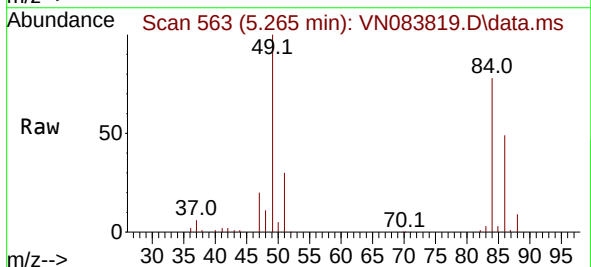
Manual Integrations
APPROVED

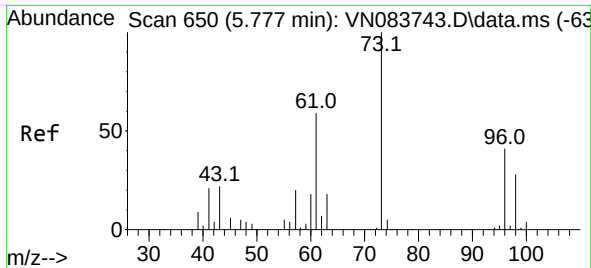
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#20
Methylene Chloride
Concen: 47.123 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

Tgt Ion: 84 Resp: 99776
Ion Ratio Lower Upper
84 100
49 127.8 93.4 140.0
51 38.2 29.2 43.8
86 62.0 46.9 70.3





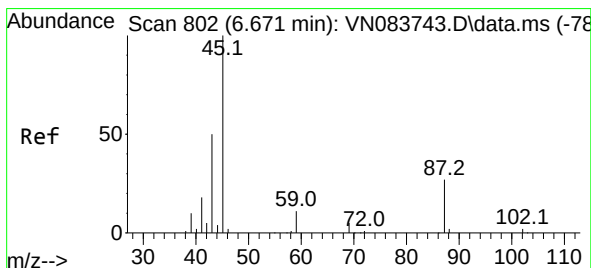
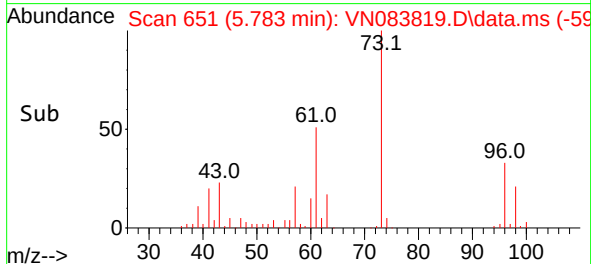
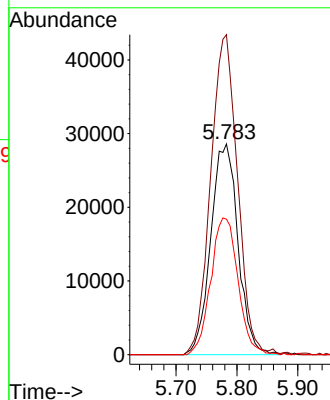
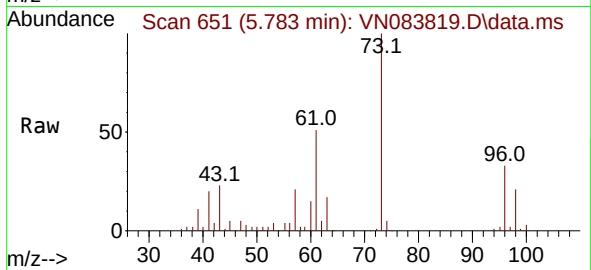
#21
trans-1,2-Dichloroethene
Concen: 44.781 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 88854
Ion Ratio Lower Upper
96 100
61 151.8 106.0 159.0
98 64.3 52.2 78.2

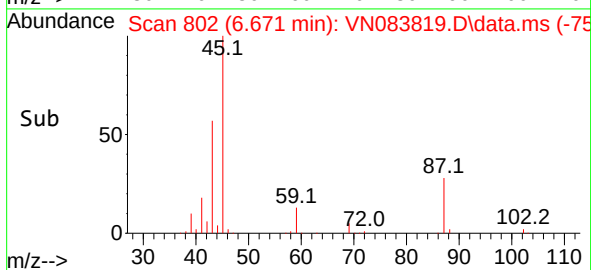
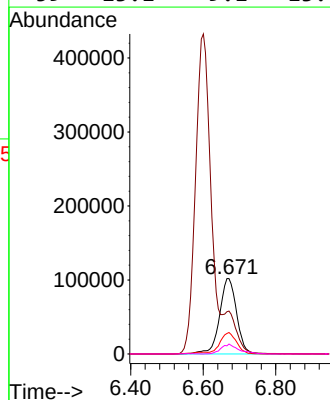
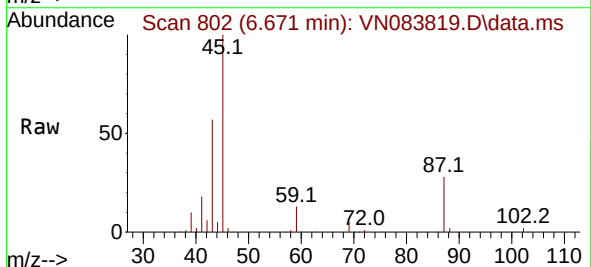
Manual Integrations
APPROVED

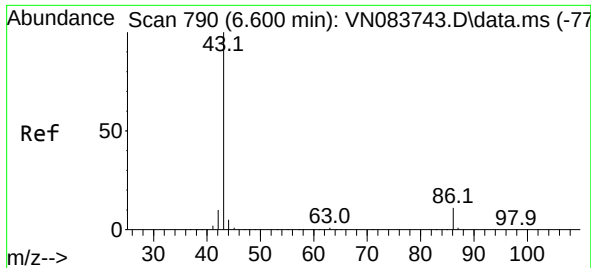
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#22
Diisopropyl ether
Concen: 48.996 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

Tgt Ion: 45 Resp: 332738
Ion Ratio Lower Upper
45 100
43 56.5 43.4 65.0
87 28.5 22.6 33.8
59 13.1 9.1 13.7





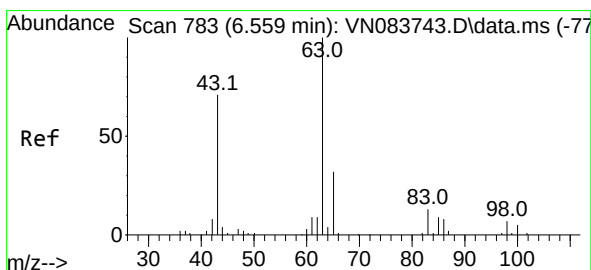
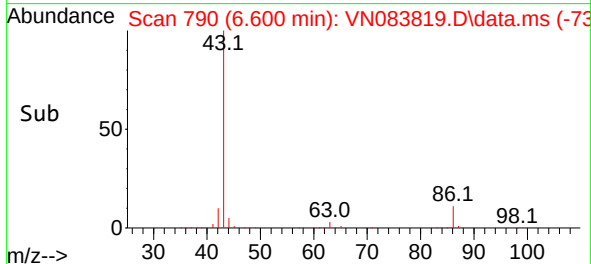
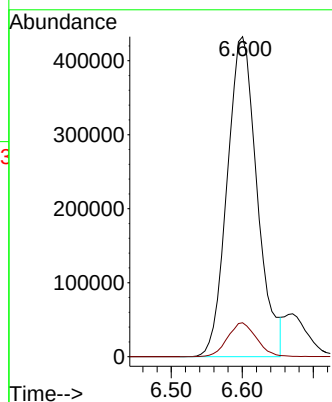
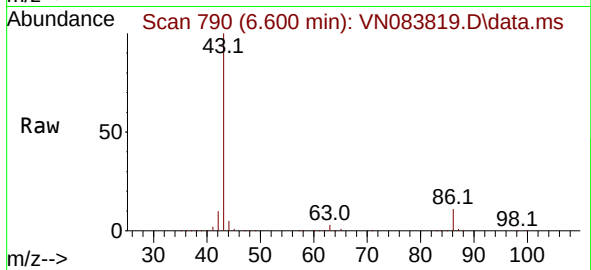
#23
 Vinyl Acetate
 Concen: 255.131 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN083819.D
 Acq: 12 Sep 2024 08:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 126883
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.7 13.1

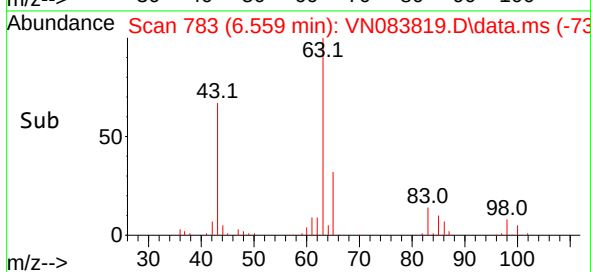
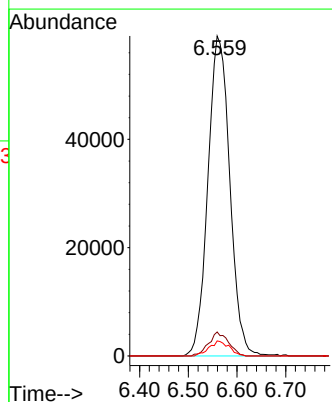
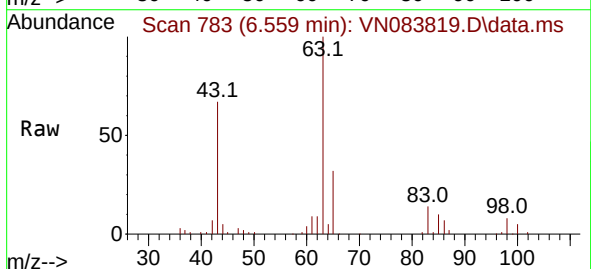
Manual Integrations
 APPROVED

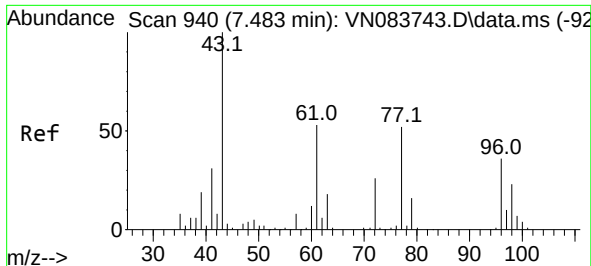
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024



#24
 1,1-Dichloroethane
 Concen: 47.141 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.000 min
 Lab File: VN083819.D
 Acq: 12 Sep 2024 08:42

Tgt Ion: 63 Resp: 184442
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.7 2.5 7.5





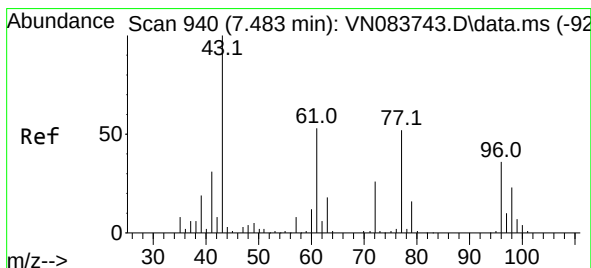
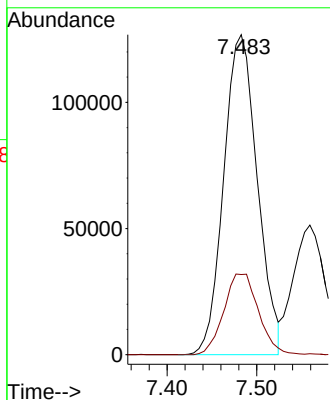
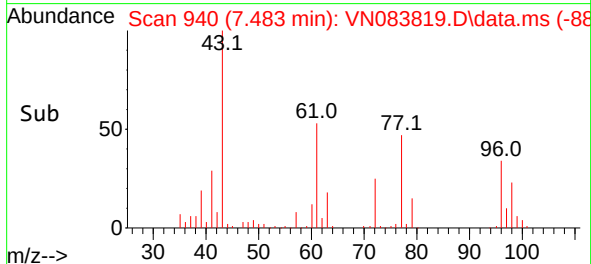
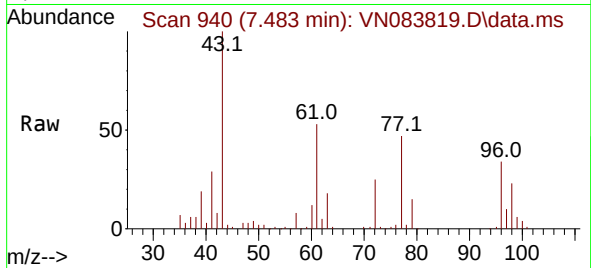
#25
2-Butanone
Concen: 242.580 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 32989
Ion Ratio Lower Upper
43 100
72 25.1 20.8 31.2

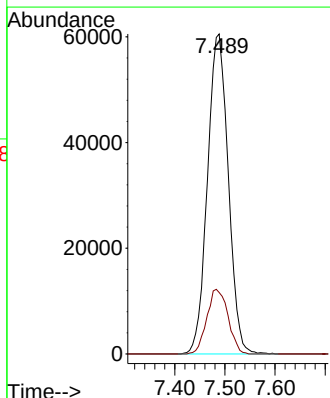
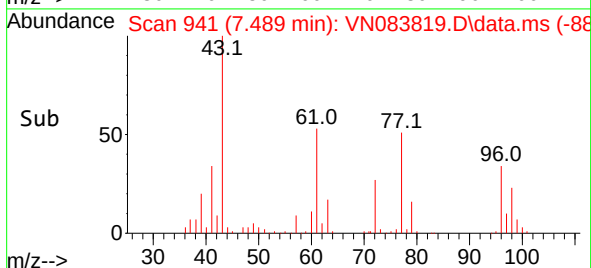
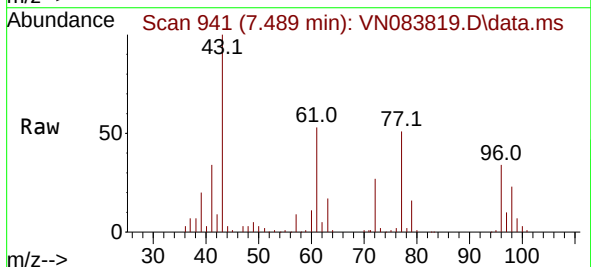
Manual Integrations
APPROVED

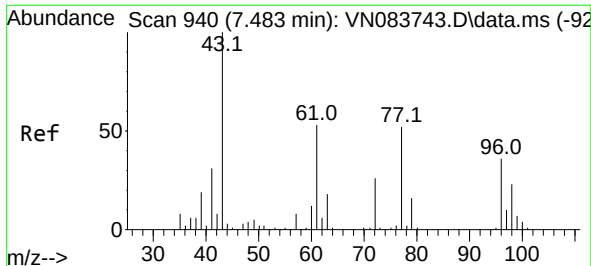
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#26
2,2-Dichloropropane
Concen: 48.431 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

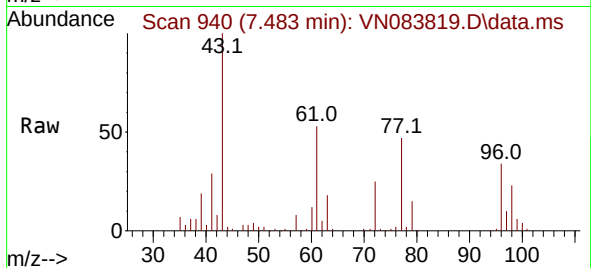
Tgt Ion: 77 Resp: 174505
Ion Ratio Lower Upper
77 100
97 20.6 10.2 30.4





#27
 cis-1,2-Dichloroethene
 Concen: 46.931 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN083819.D
 Acq: 12 Sep 2024 08:42

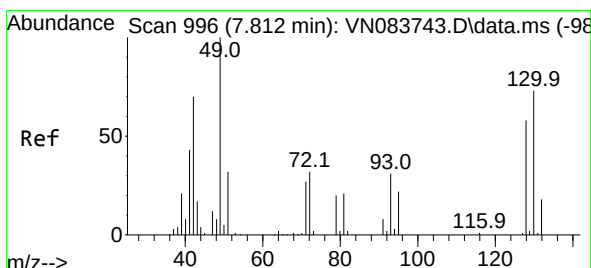
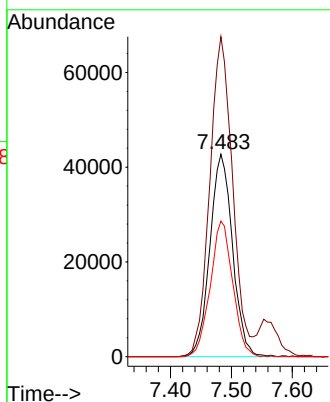
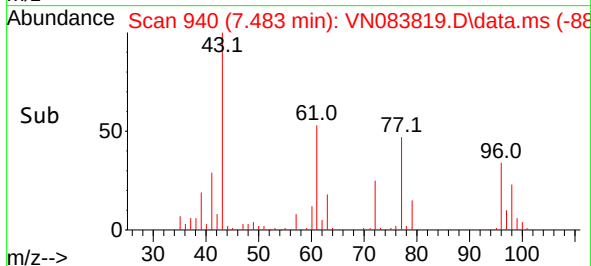
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 11054
 Ion Ratio Lower Upper
 96 100
 61 159.3 0.0 306.2
 98 66.3 0.0 128.6

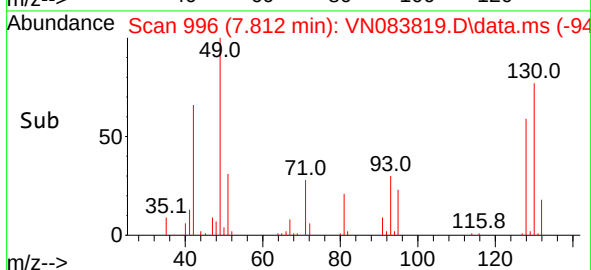
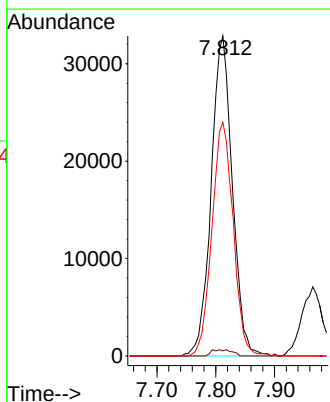
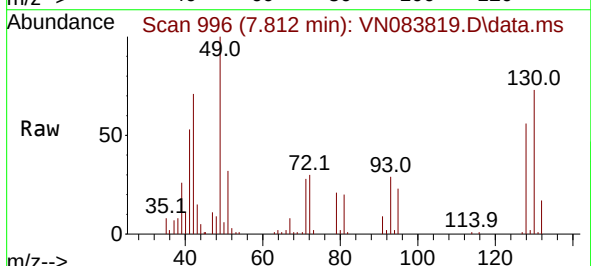
Manual Integrations
 APPROVED

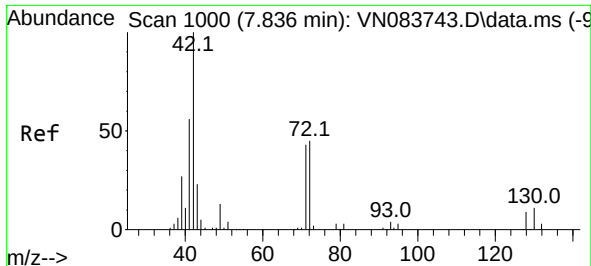
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024



#28
 Bromochloromethane
 Concen: 49.889 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083819.D
 Acq: 12 Sep 2024 08:42

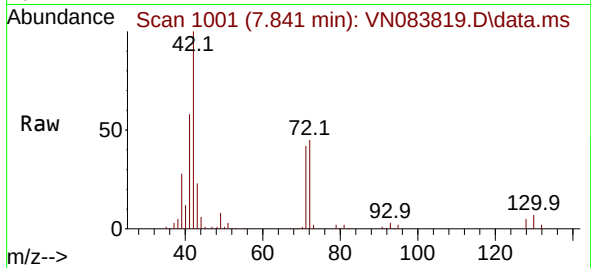
Tgt Ion: 49 Resp: 82199
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 73.4 60.2 90.2





#29
Tetrahydrofuran
Concen: 247.540 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

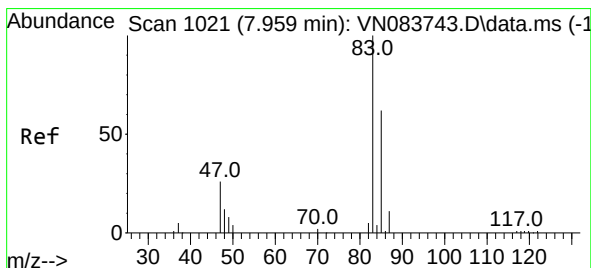
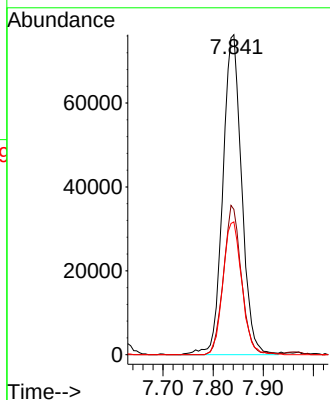
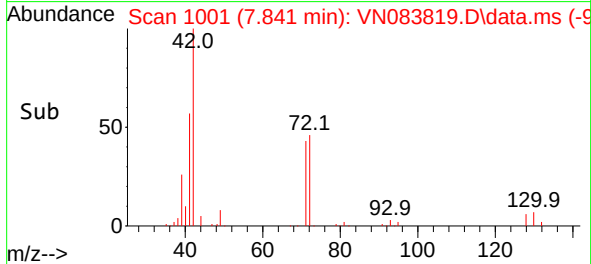
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 19905
Ion Ratio Lower Upper
42 100
72 44.2 35.9 53.9
71 41.7 33.9 50.9

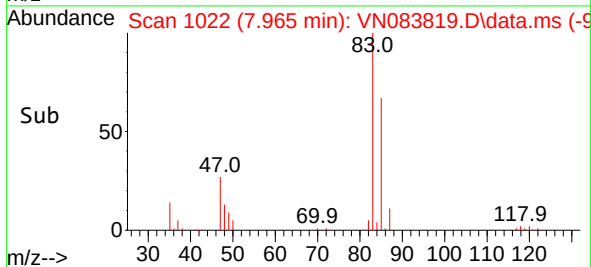
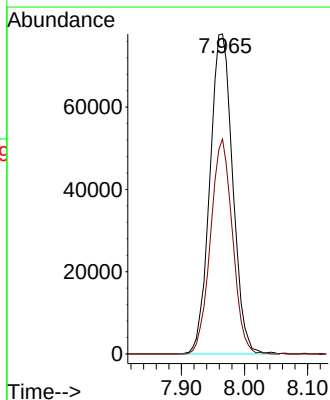
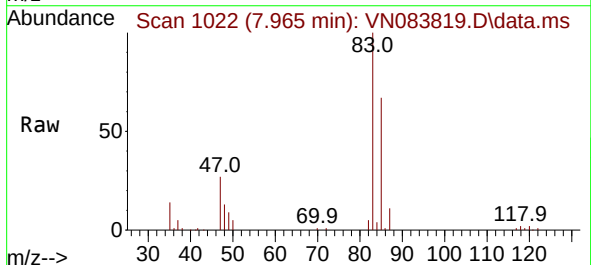
Manual Integrations
APPROVED

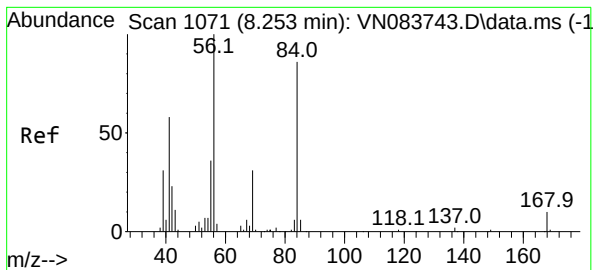
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#30
Chloroform
Concen: 47.108 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

Tgt Ion: 83 Resp: 195675
Ion Ratio Lower Upper
83 100
85 67.1 52.8 79.2





#31

Cyclohexane

Concen: 42.254 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN083819.D

Acq: 12 Sep 2024 08:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 15762

Ion Ratio Lower Upper

56 100

69 30.5 26.9 40.3

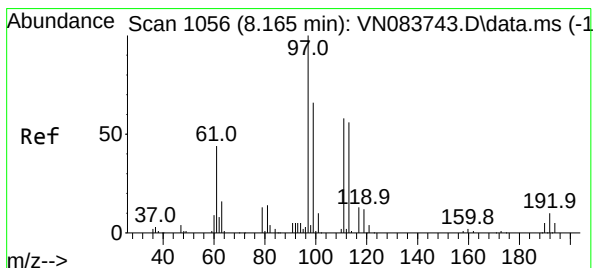
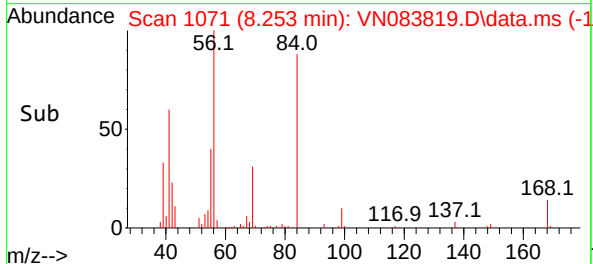
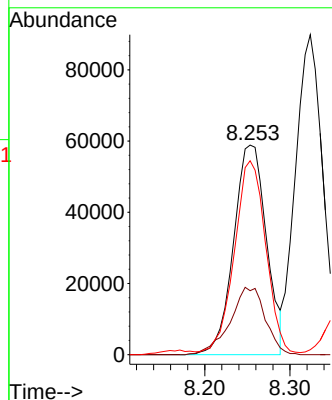
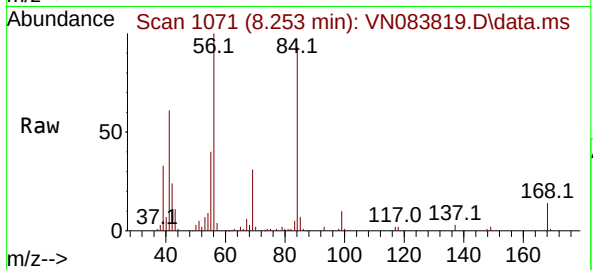
84 90.3 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#32

1,1,1-Trichloroethane

Concen: 47.200 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083819.D

Acq: 12 Sep 2024 08:42

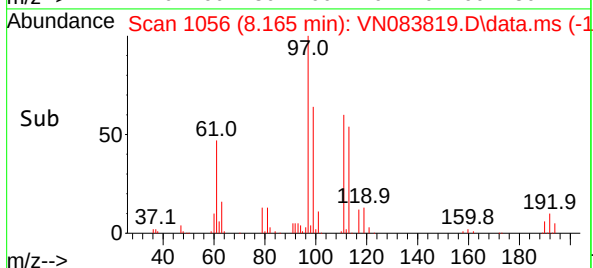
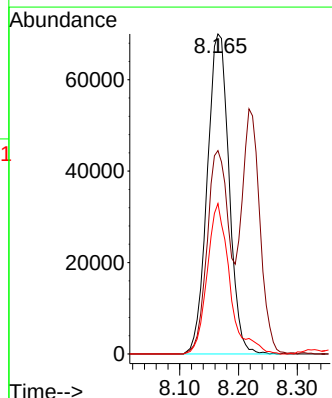
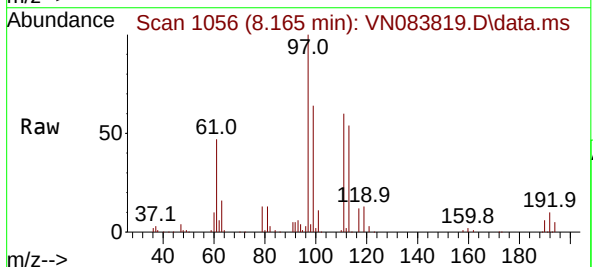
Tgt Ion: 97 Resp: 180272

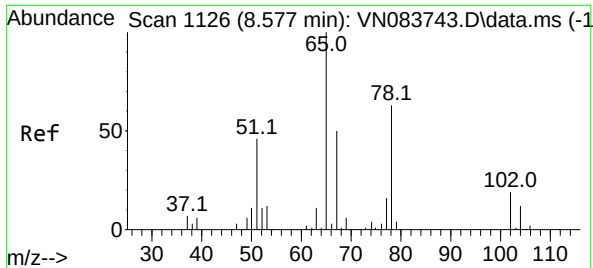
Ion Ratio Lower Upper

97 100

99 64.6 52.3 78.5

61 48.7 38.2 57.2





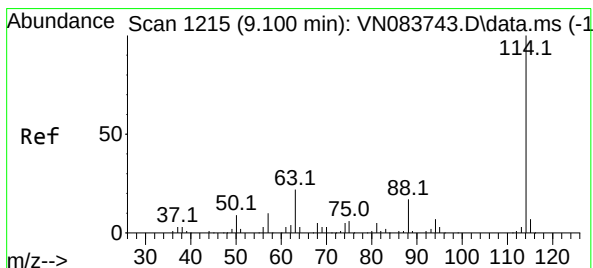
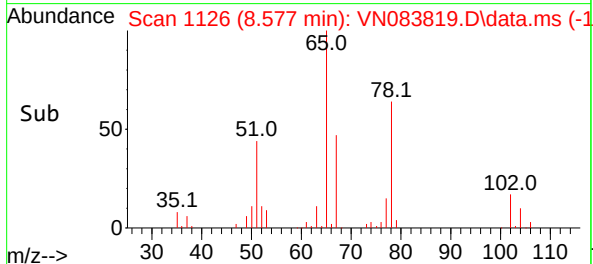
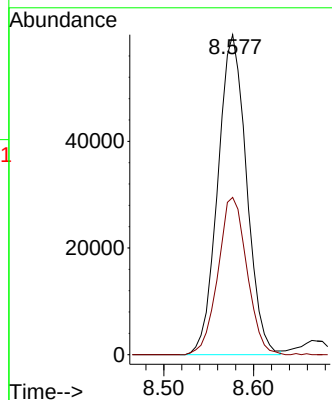
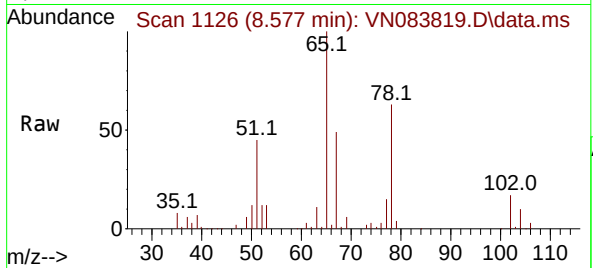
#33
1,2-Dichloroethane-d4
Concen: 51.537 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 133023
Ion Ratio Lower Upper
65 100
67 49.6 0.0 100.8

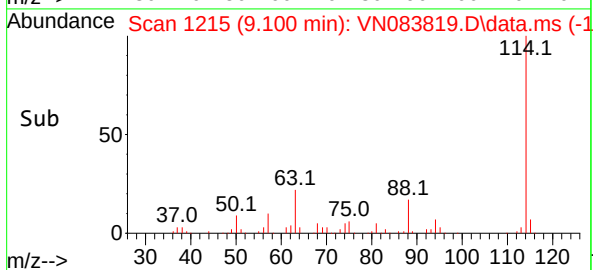
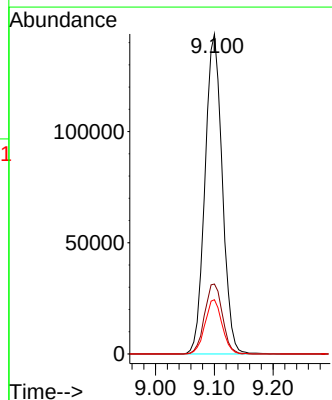
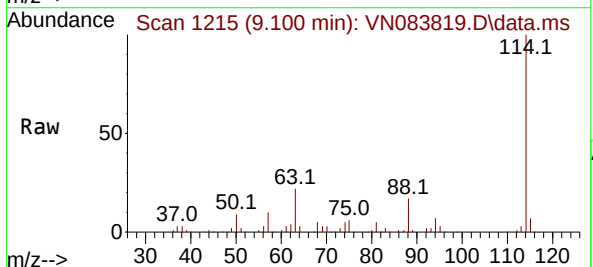
Manual Integrations
APPROVED

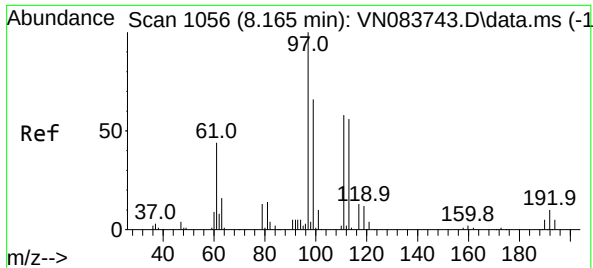
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

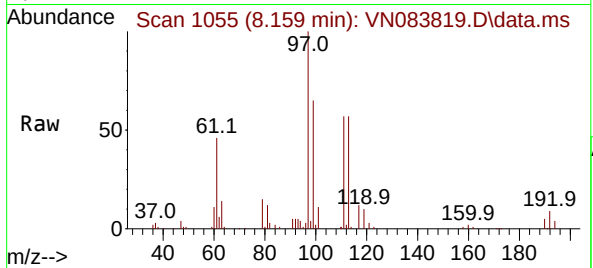
Tgt Ion:114 Resp: 294083
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.4
88 17.0 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.676 ug/l
RT: 8.159 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

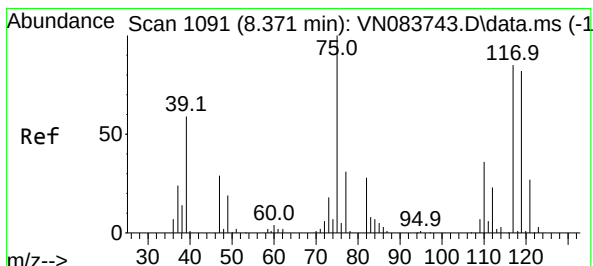
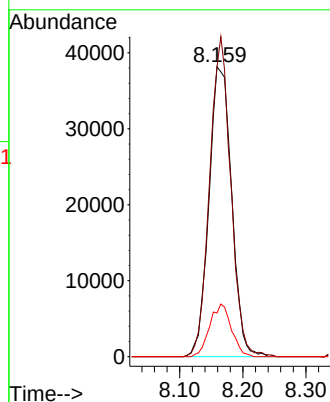
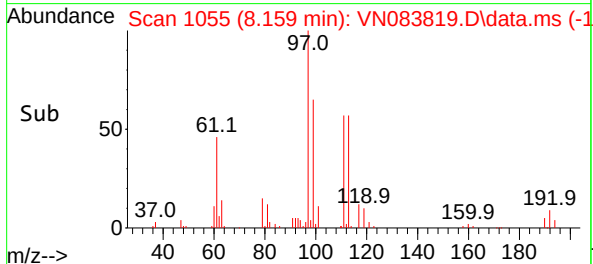
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



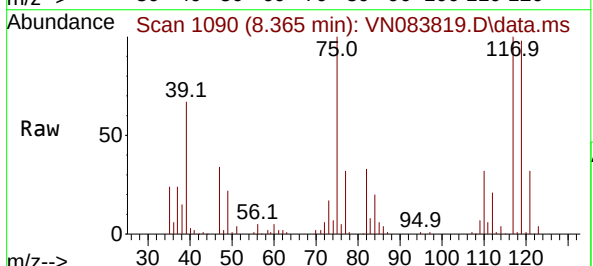
Tgt Ion: 113 Resp: 95400
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 17.3 14.3 21.5

Manual Integrations
APPROVED

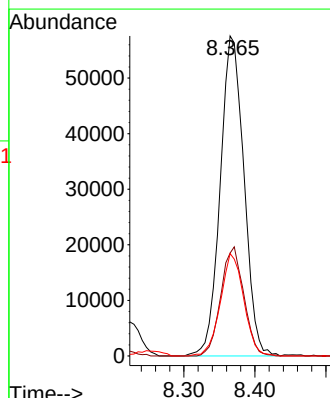
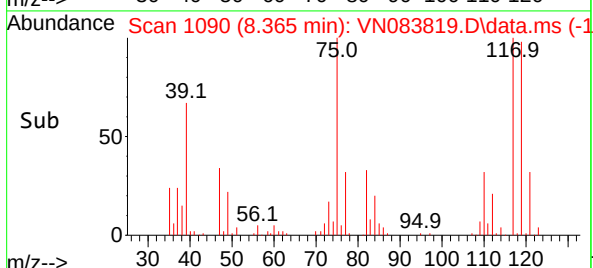
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

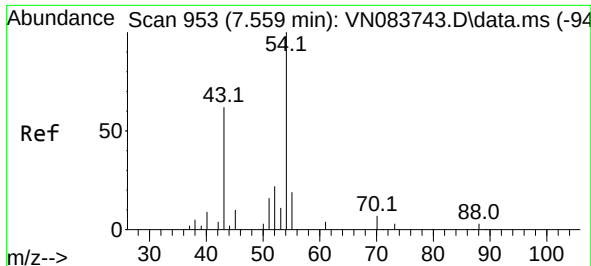


#36
1,1-Dichloropropene
Concen: 47.159 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42



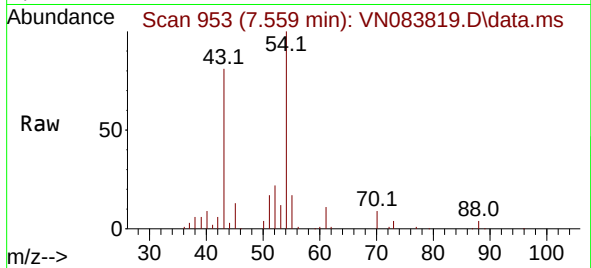
Tgt Ion: 75 Resp: 133635
Ion Ratio Lower Upper
75 100
110 33.0 16.7 50.1
77 31.4 25.2 37.8





#37
Ethyl Acetate
Concen: 51.078 ug/l
RT: 7.559 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

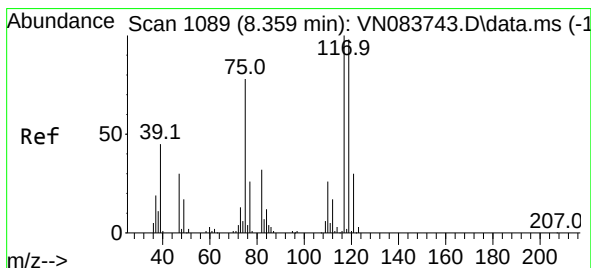
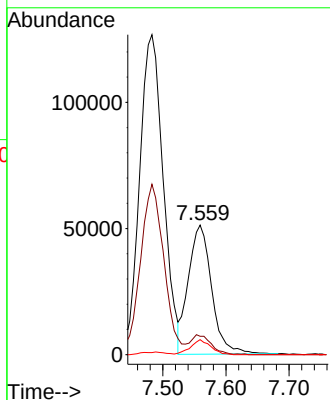
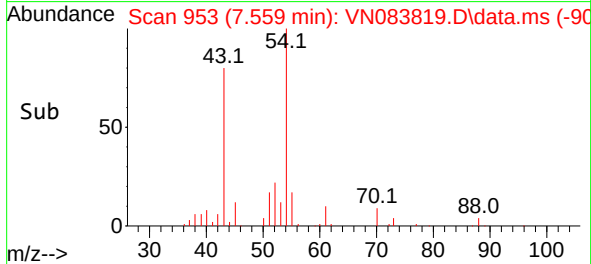
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 131380
Ion Ratio Lower Upper
43 100
61 12.9 11.1 16.7
70 10.0 8.8 13.2

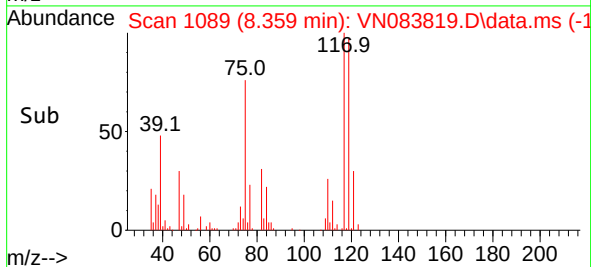
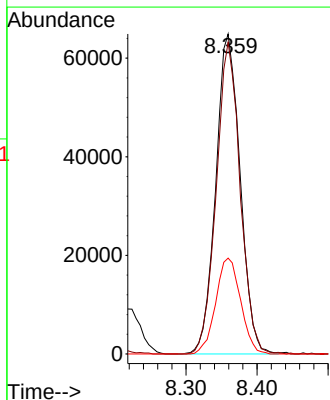
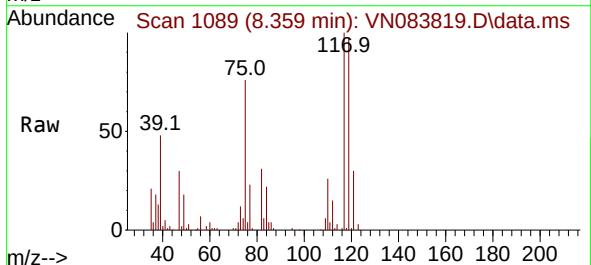
Manual Integrations
APPROVED

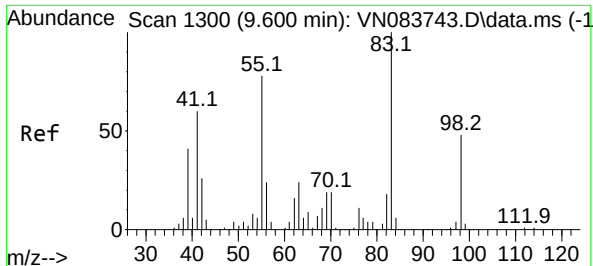
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#38
Carbon Tetrachloride
Concen: 48.050 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

Tgt Ion:117 Resp: 154471
Ion Ratio Lower Upper
117 100
119 97.4 76.1 114.1
121 29.9 24.1 36.1





#39

Methylcyclohexane

Concen: 46.620 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN083819.D

Acq: 12 Sep 2024 08:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 150370

Ion Ratio Lower Upper

83 100

55 79.4 62.2 93.4

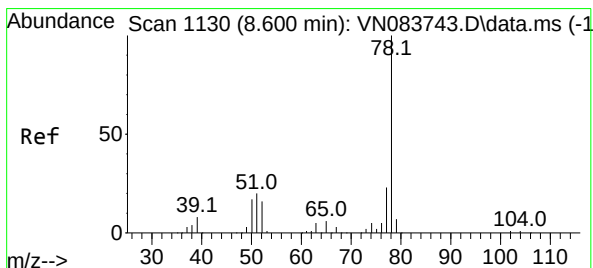
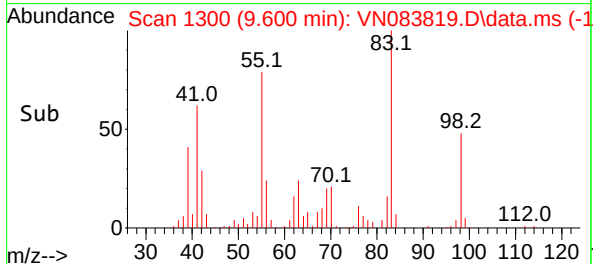
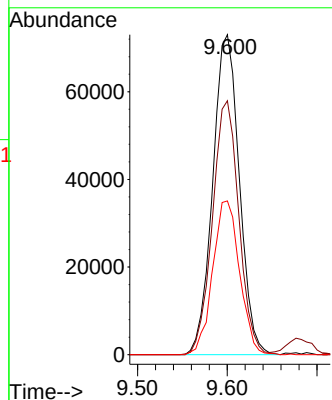
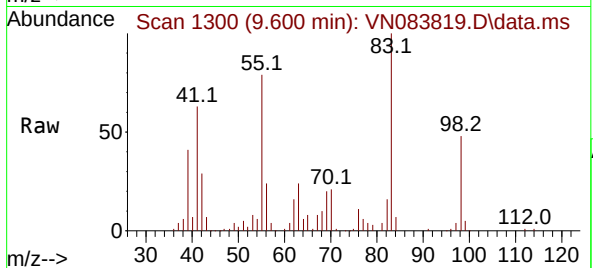
98 48.1 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#40

Benzene

Concen: 48.019 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN083819.D

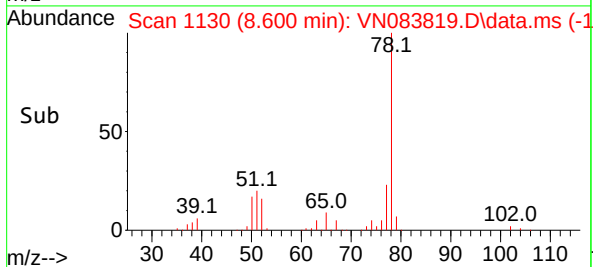
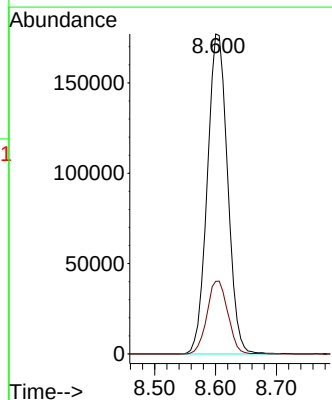
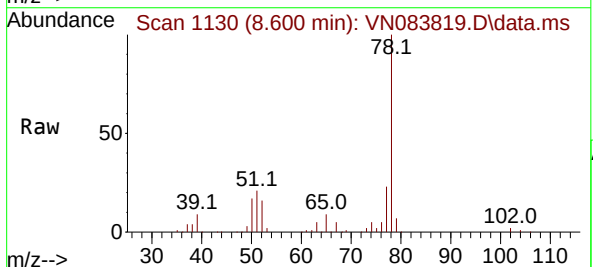
Acq: 12 Sep 2024 08:42

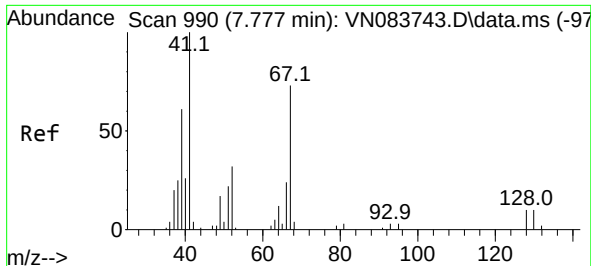
Tgt Ion: 78 Resp: 409557

Ion Ratio Lower Upper

78 100

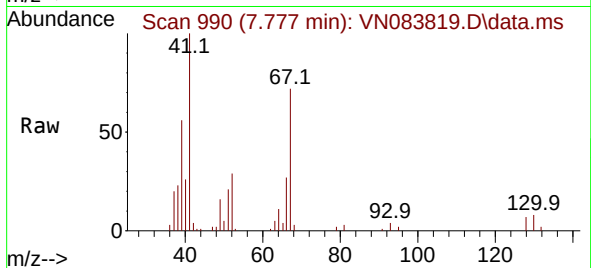
77 22.7 19.0 28.6





#41
Methacrylonitrile
Concen: 50.330 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

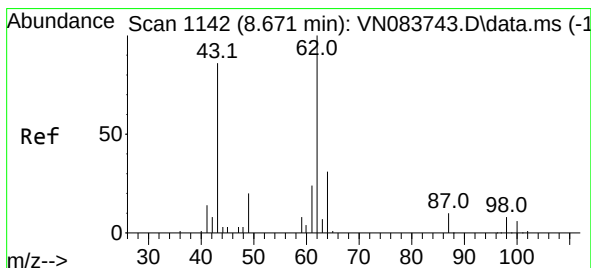
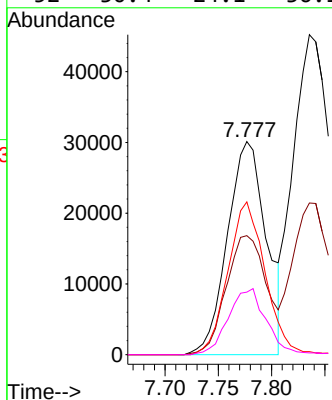
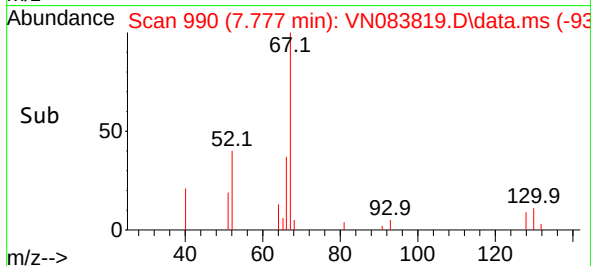
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



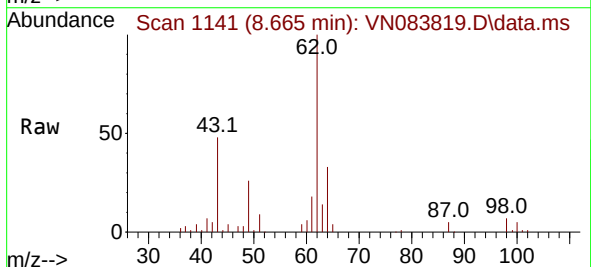
Tgt Ion: 41 Resp: 7656
Ion Ratio Lower Upper
41 100
39 58.1 45.4 68.2
67 68.6 55.9 83.9
52 30.4 24.1 36.1

Manual Integrations
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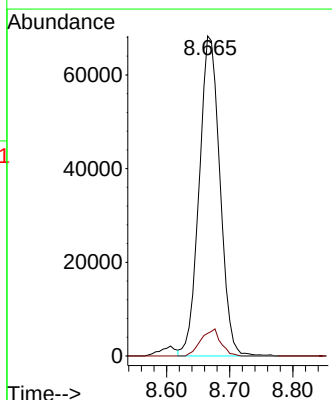
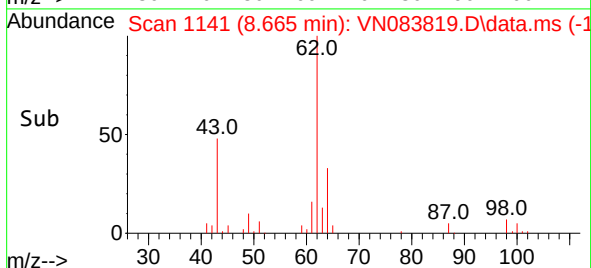
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

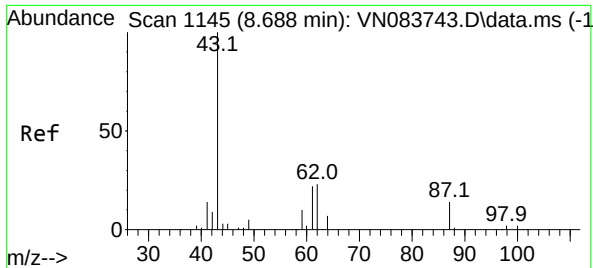


#42
1,2-Dichloroethane
Concen: 48.919 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42



Tgt Ion: 62 Resp: 155907
Ion Ratio Lower Upper
62 100
98 8.0 0.0 16.6





#43

Isopropyl Acetate

Concen: 53.307 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083819.D

Acq: 12 Sep 2024 08:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 248472

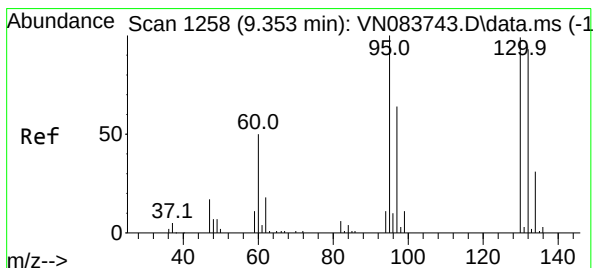
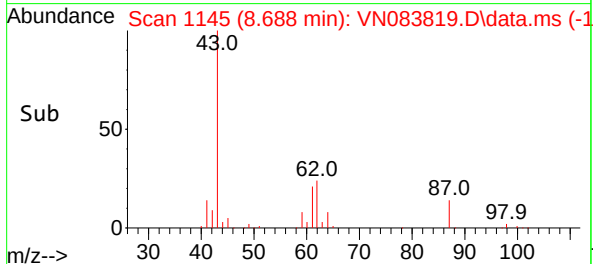
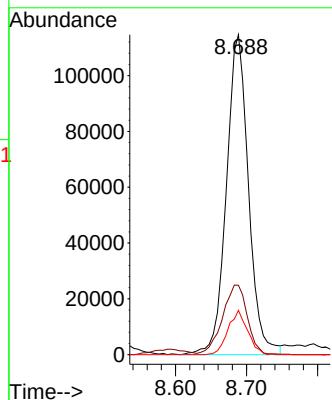
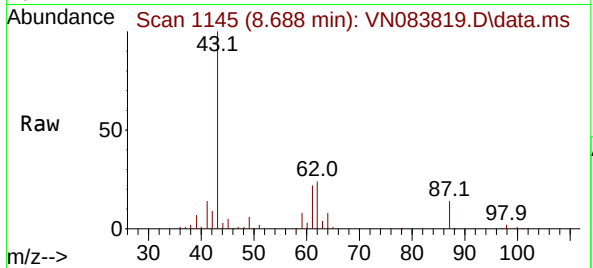
Ion	Ratio	Lower	Upper
43	100		
61	24.4	19.4	29.0
87	12.2	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#44

Trichloroethene

Concen: 46.702 ug/l

RT: 9.353 min Scan# 1258

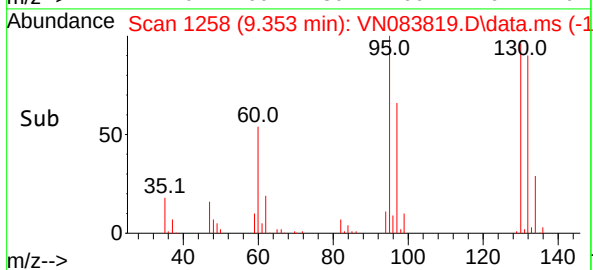
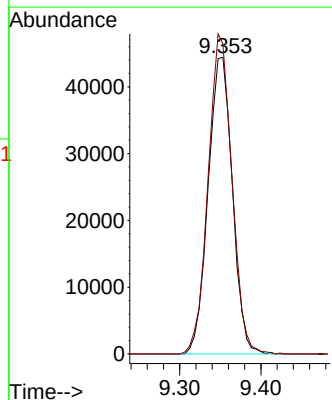
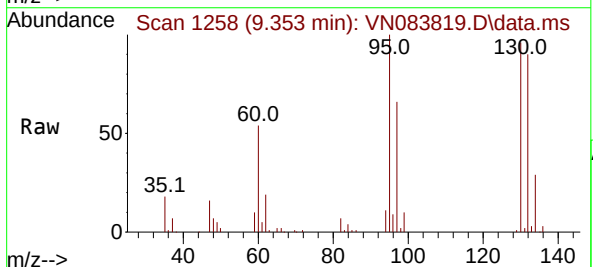
Delta R.T. 0.000 min

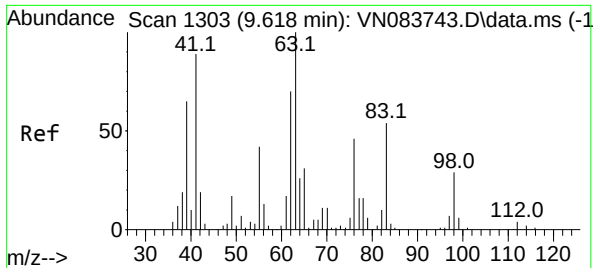
Lab File: VN083819.D

Acq: 12 Sep 2024 08:42

Tgt Ion:130 Resp: 92241

Ion	Ratio	Lower	Upper
130	100		
95	104.5	0.0	200.4





#45

1,2-Dichloropropane

Concen: 48.223 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN083819.D

Acq: 12 Sep 2024 08:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 99408

Ion Ratio Lower Upper

63 100

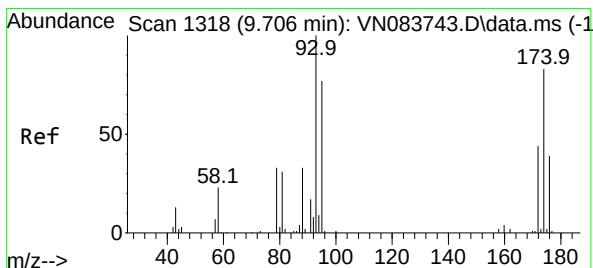
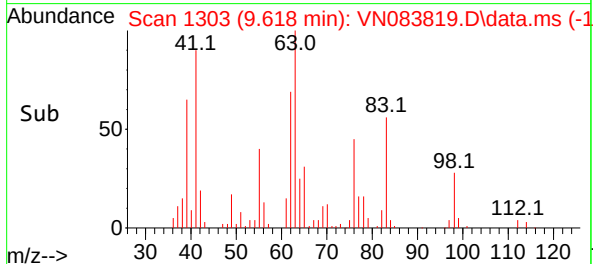
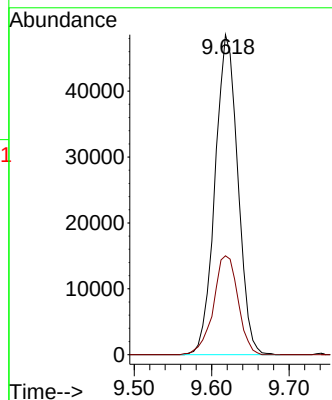
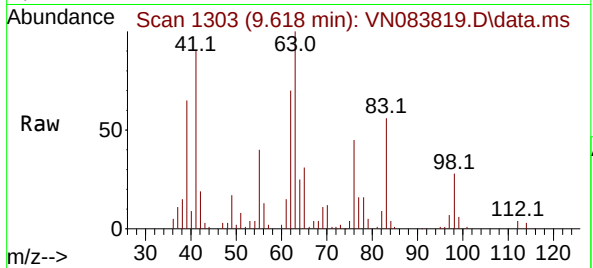
65 30.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#46

Dibromomethane

Concen: 49.292 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN083819.D

Acq: 12 Sep 2024 08:42

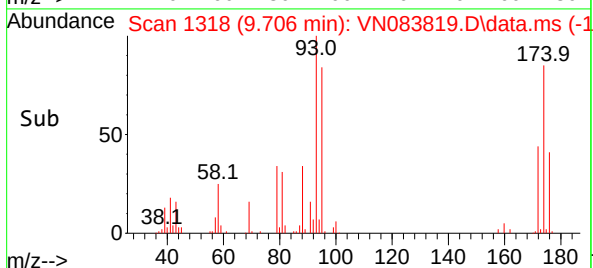
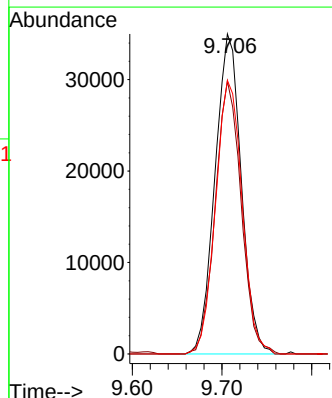
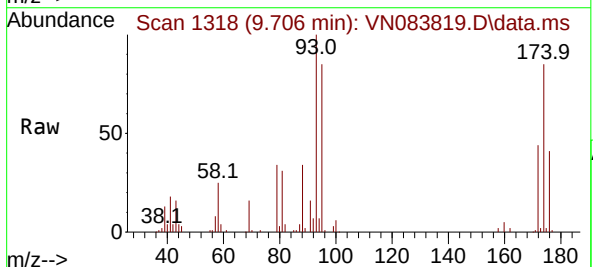
Tgt Ion: 93 Resp: 71173

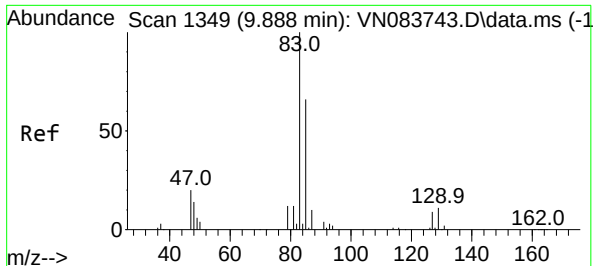
Ion Ratio Lower Upper

93 100

95 84.2 65.3 97.9

174 86.6 71.0 106.4





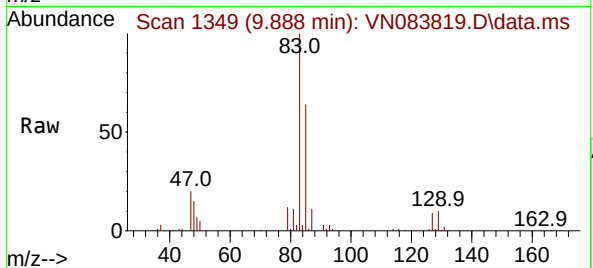
#47
Bromodichloromethane
Concen: 49.363 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



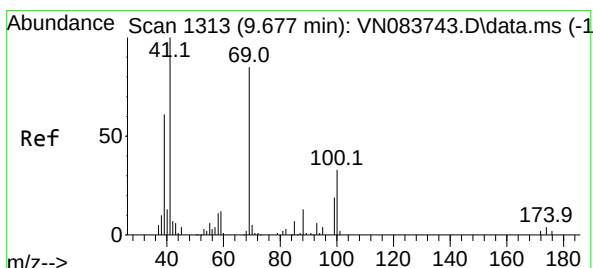
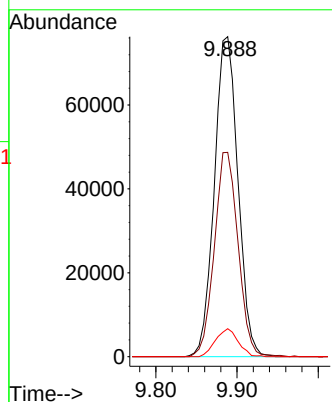
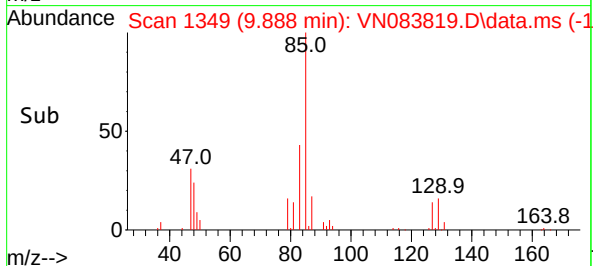
Tgt Ion: 83 Resp: 15425
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.8
127 8.8 6.6 9.8

Manual Integrations

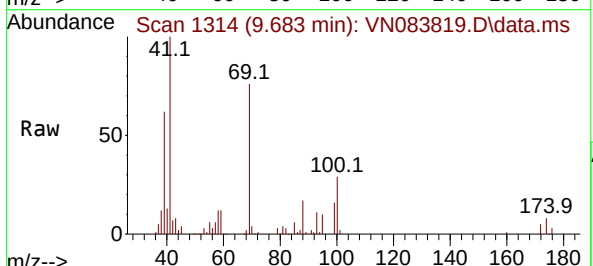
APPROVED

Reviewed By :John Carlone 09/13/2024

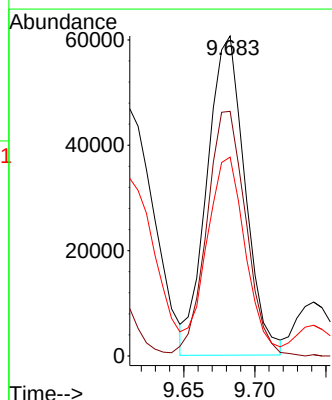
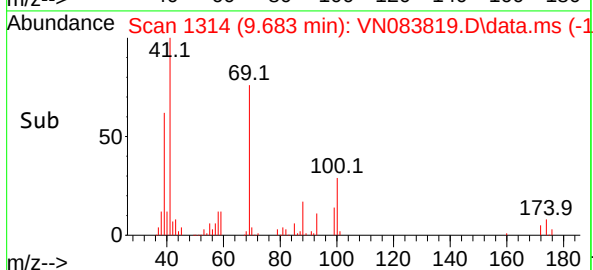
Supervised By :Mahesh Dadoda 09/13/2024

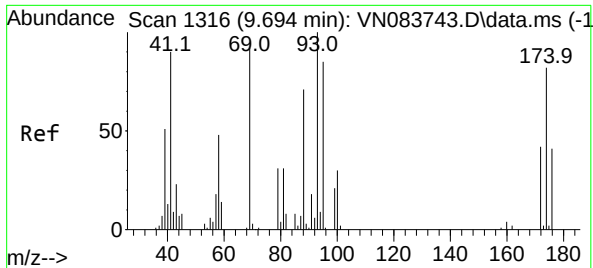


#48
Methyl methacrylate
Concen: 51.028 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42



Tgt Ion: 41 Resp: 112844
Ion Ratio Lower Upper
41 100
69 78.7 64.3 96.5
39 64.1 48.9 73.3





#49

1,4-Dioxane

Concen: 962.695 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN083819.D

Acq: 12 Sep 2024 08:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3502

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

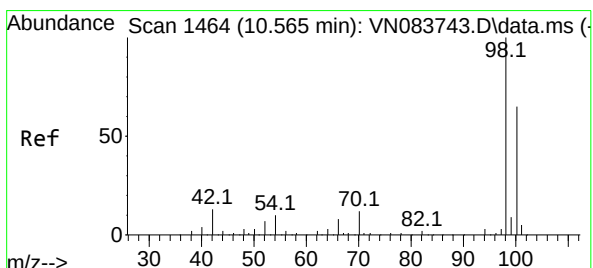
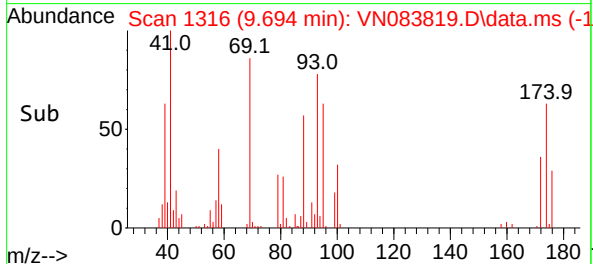
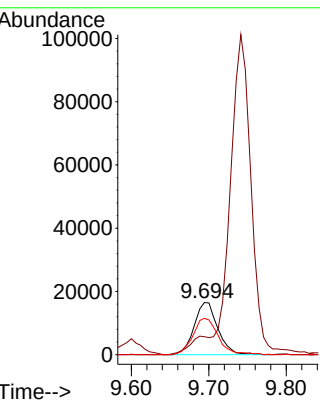
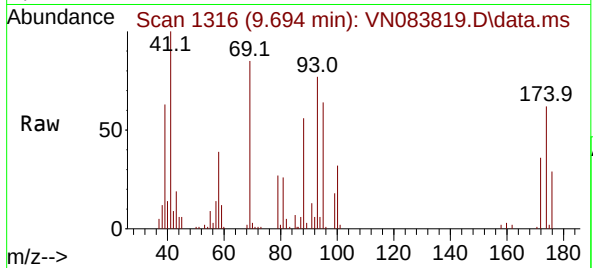
58 74.7 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#50

Toluene-d8

Concen: 53.301 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083819.D

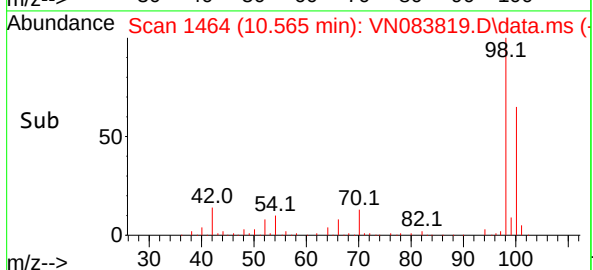
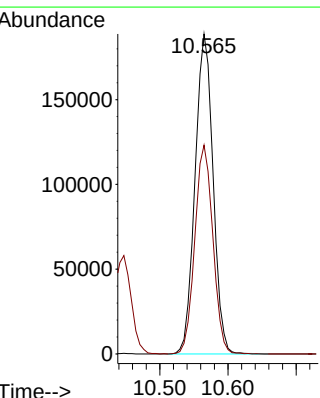
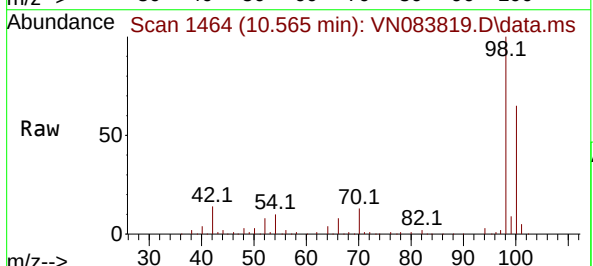
Acq: 12 Sep 2024 08:42

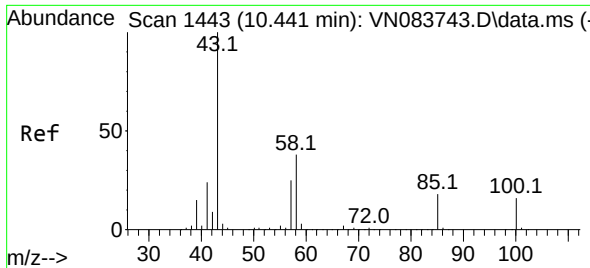
Tgt Ion: 98 Resp: 346909

Ion Ratio Lower Upper

98 100

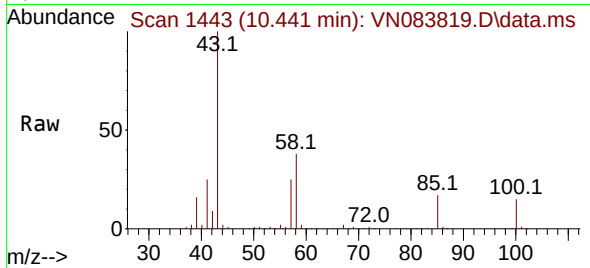
100 65.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 260.350 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

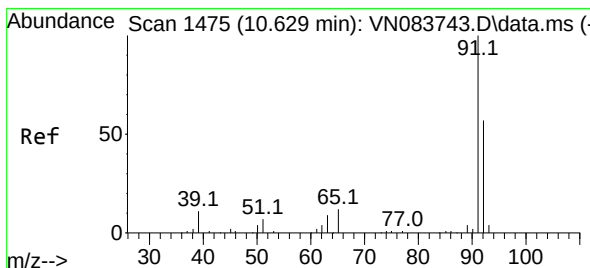
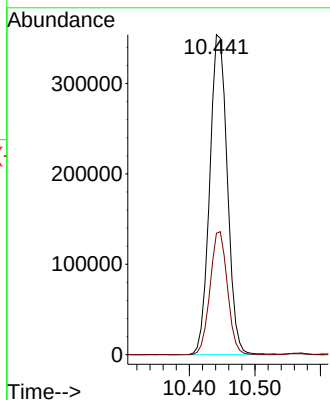
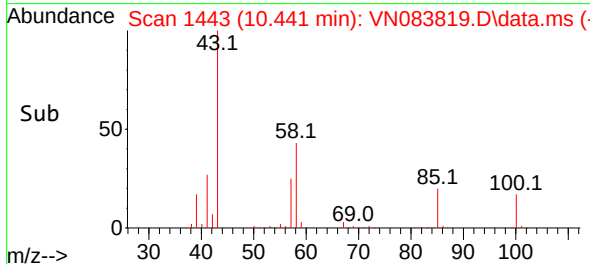
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



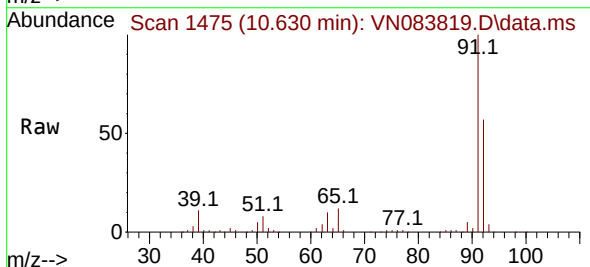
Tgt Ion: 43 Resp: 660580
Ion Ratio Lower Upper
43 100
58 37.9 31.6 47.4

Manual Integrations
APPROVED

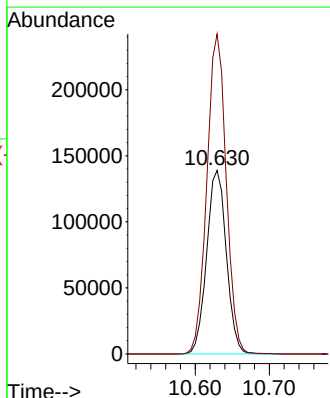
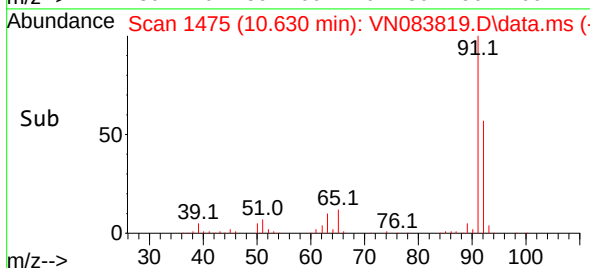
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

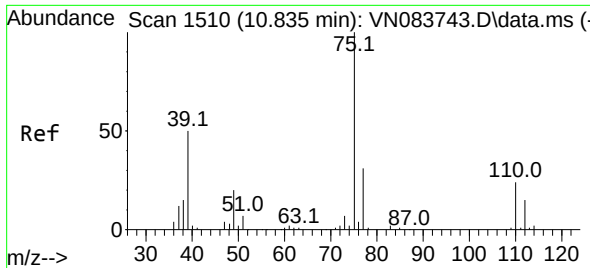


#52
Toluene
Concen: 49.033 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42



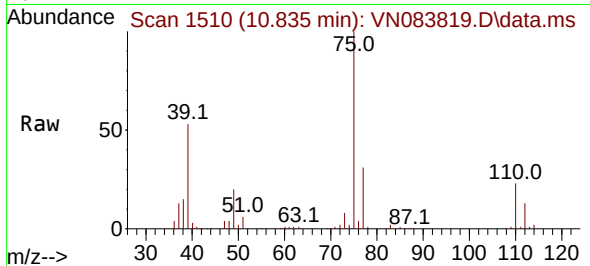
Tgt Ion: 92 Resp: 255807
Ion Ratio Lower Upper
92 100
91 171.5 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 50.173 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

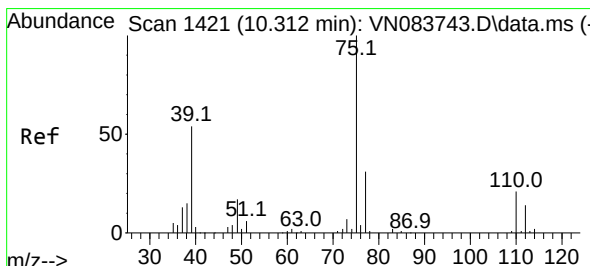
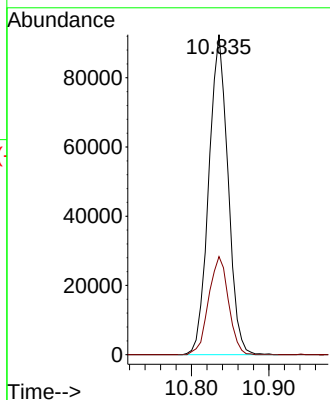
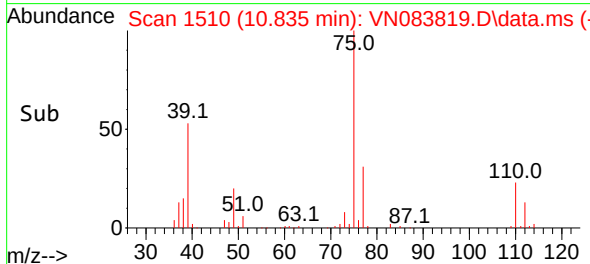
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



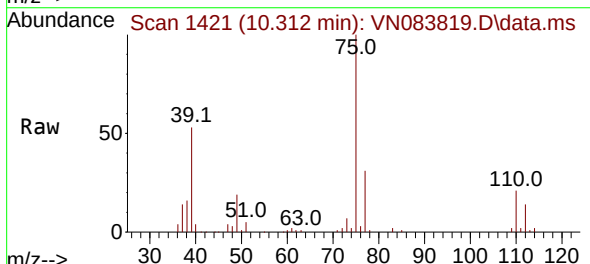
Tgt Ion: 75 Resp: 158919
Ion Ratio Lower Upper
75 100
77 30.6 25.8 38.6

Manual Integrations
APPROVED

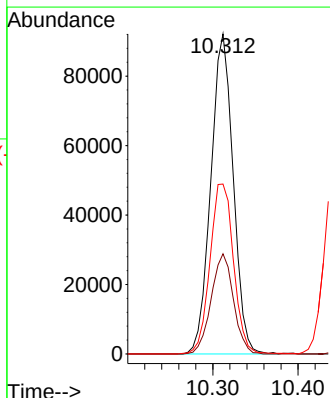
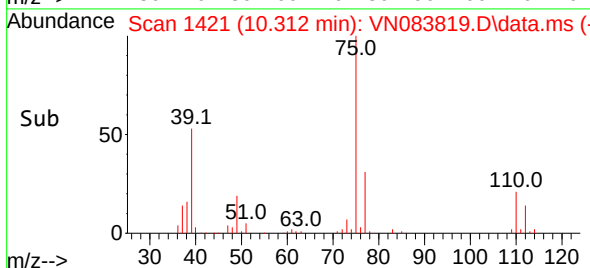
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

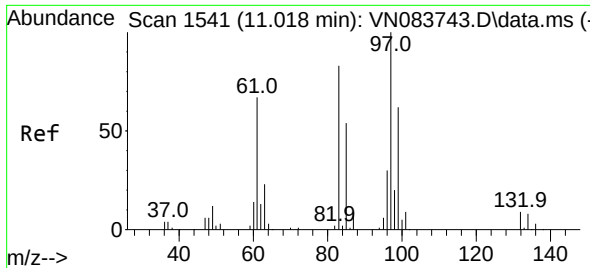


#54
cis-1,3-Dichloropropene
Concen: 50.488 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42



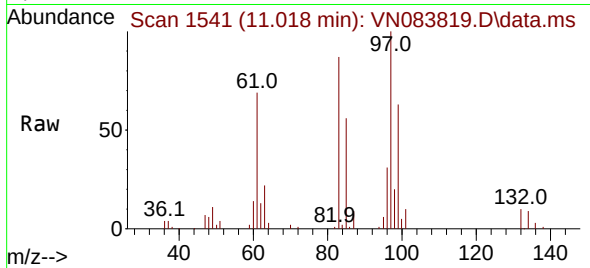
Tgt Ion: 75 Resp: 167982
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6
39 53.1 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 47.863 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

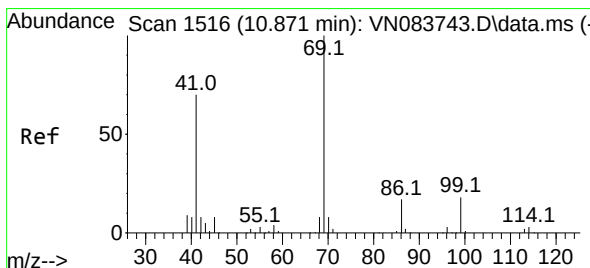
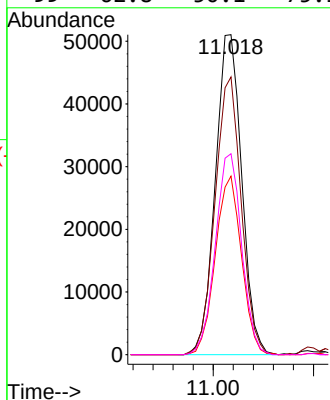
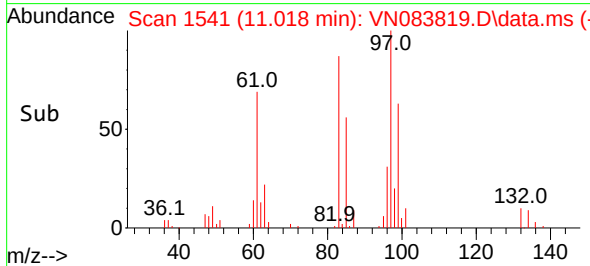
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



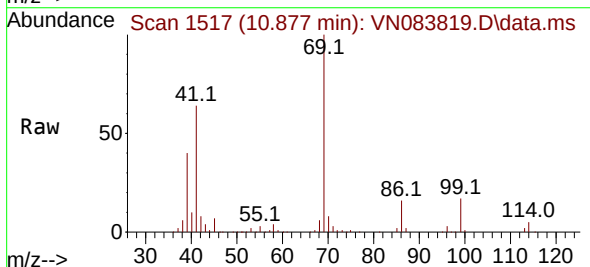
Tgt Ion:	97	Resp:	9322
Ion Ratio	Lower	Upper	
97	100		
83	86.8	67.5	101.3
85	55.8	44.2	66.2
99	62.8	50.1	75.1

Manual Integrations
APPROVED

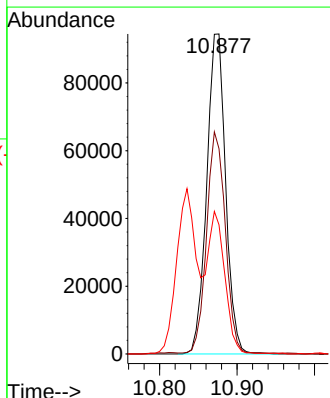
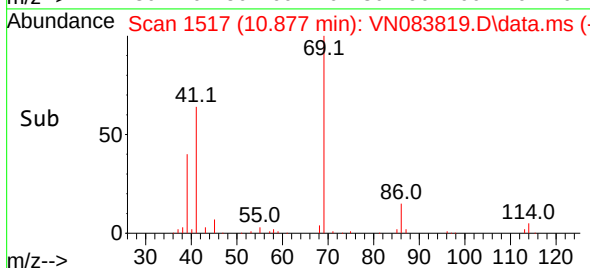
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

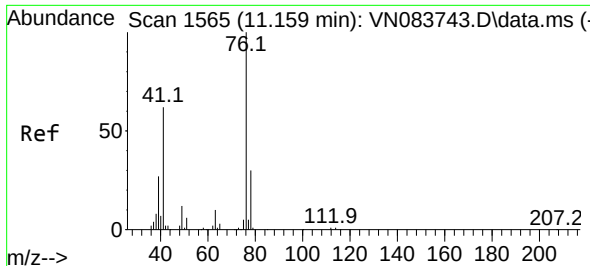


#56
Ethyl methacrylate
Concen: 53.421 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42



Tgt Ion:	69	Resp:	160080
Ion Ratio	Lower	Upper	
69	100		
41	68.5	53.9	80.9
39	41.5	32.6	48.8





#57

1,3-Dichloropropane

Concen: 49.306 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN083819.D

Acq: 12 Sep 2024 08:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 165048

Ion Ratio Lower Upper

76 100

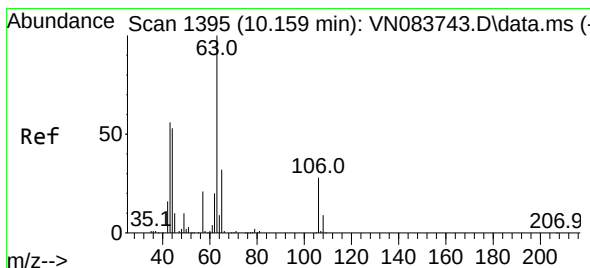
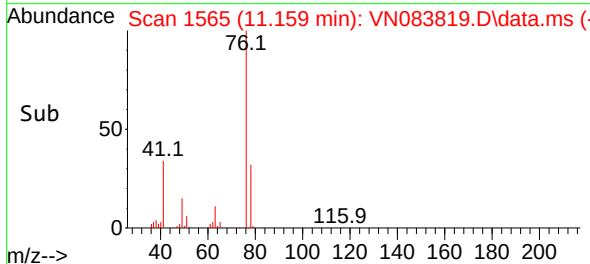
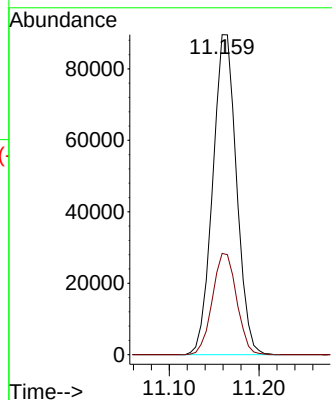
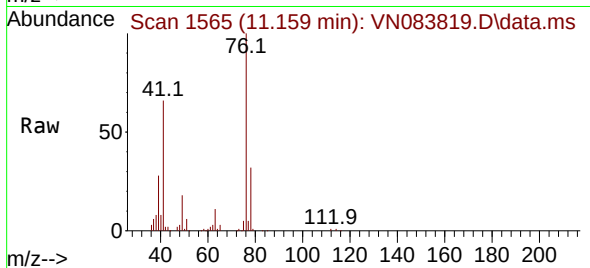
78 32.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#58

2-Chloroethyl Vinyl ether

Concen: 316.312 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083819.D

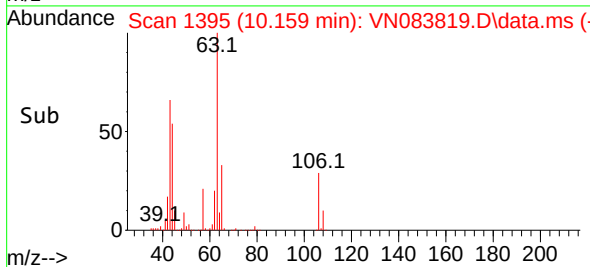
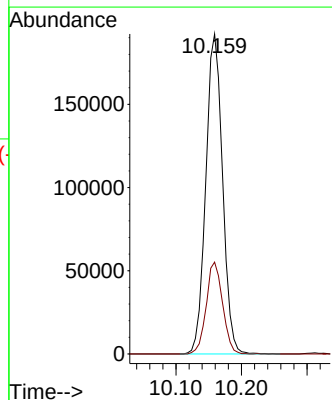
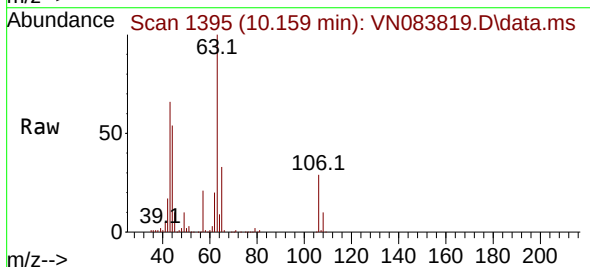
Acq: 12 Sep 2024 08:42

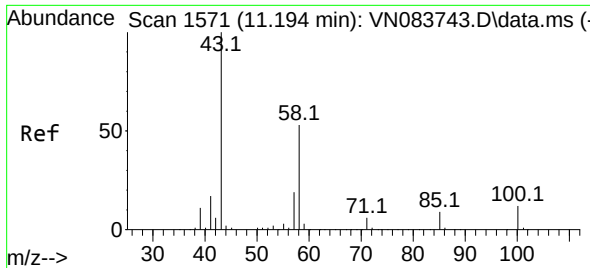
Tgt Ion: 63 Resp: 341531

Ion Ratio Lower Upper

63 100

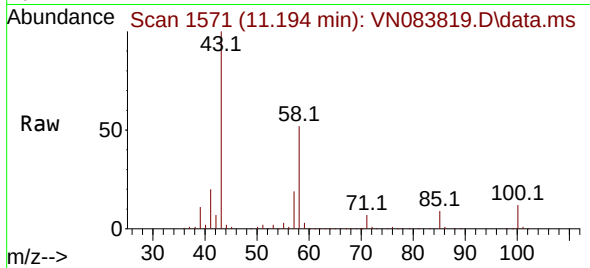
106 28.0 23.3 34.9





#59
2-Hexanone
Concen: 265.562 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

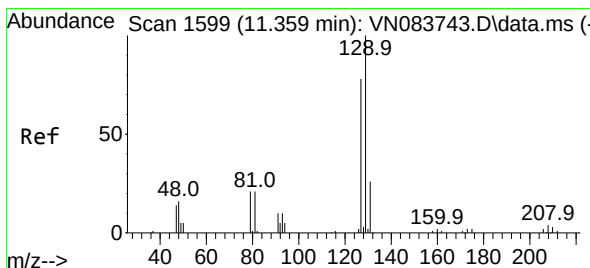
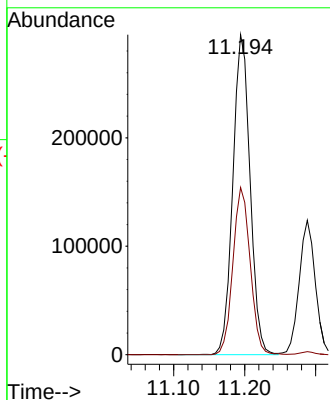
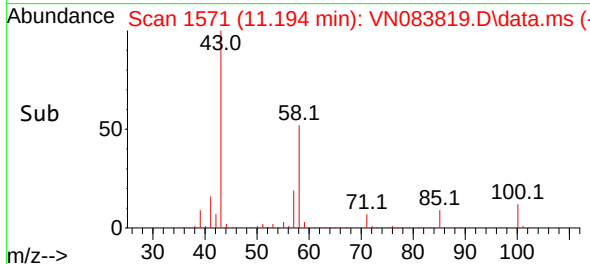
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



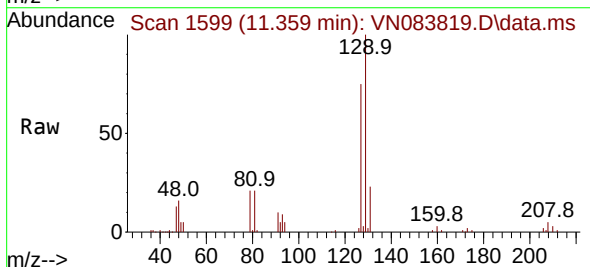
Tgt Ion: 43 Resp: 498429
Ion Ratio Lower Upper
43 100
58 52.4 27.2 81.5

Manual Integrations
APPROVED

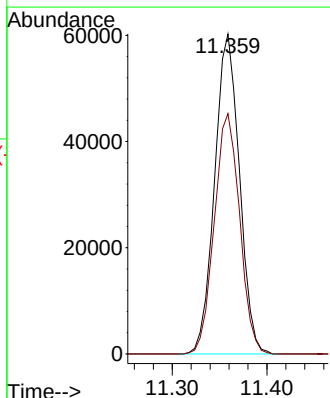
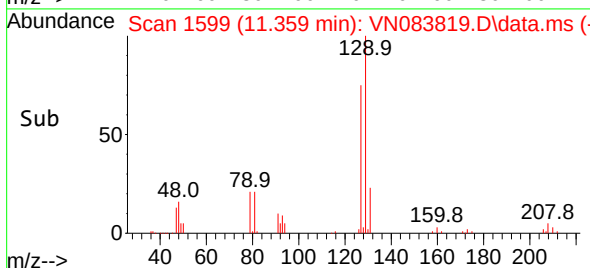
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

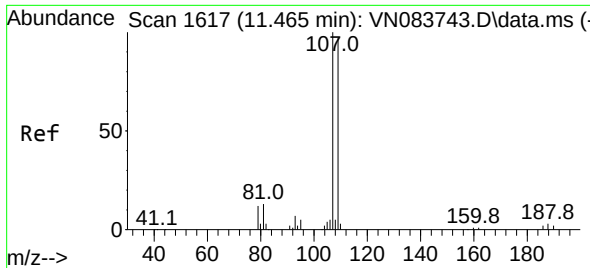


#60
Dibromochloromethane
Concen: 50.337 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42



Tgt Ion:129 Resp: 109719
Ion Ratio Lower Upper
129 100
127 76.8 39.0 116.9





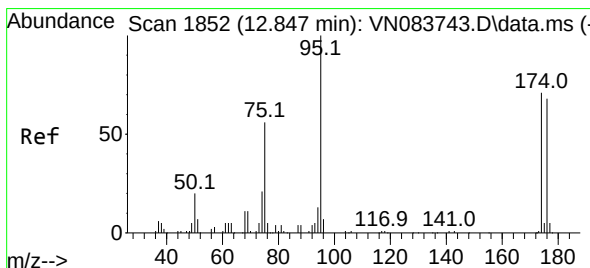
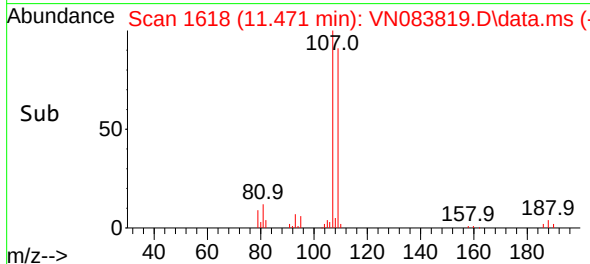
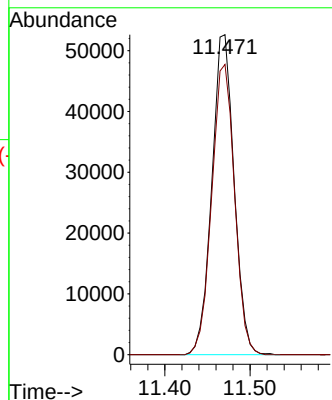
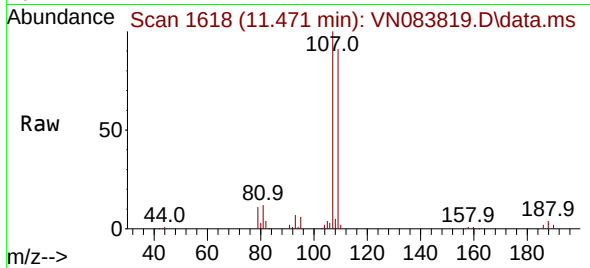
#61
1,2-Dibromoethane
Concen: 49.180 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 95529
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4

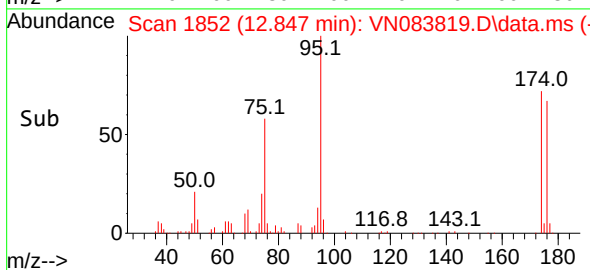
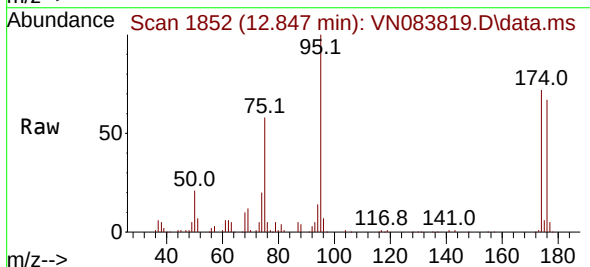
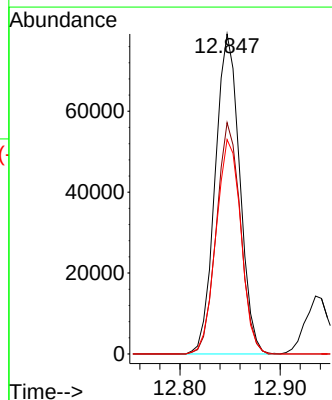
Manual Integrations
APPROVED

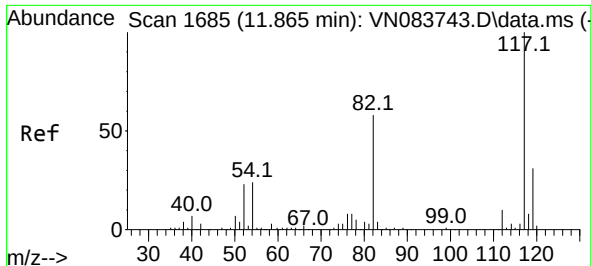
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#62
4-Bromofluorobenzene
Concen: 50.071 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

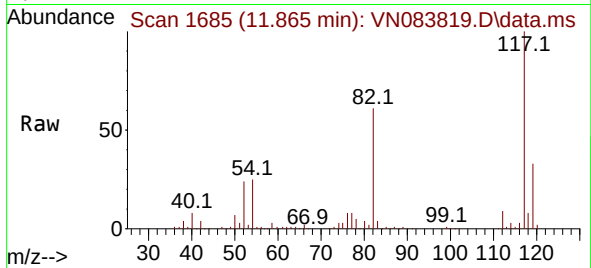
Tgt Ion: 95 Resp: 134454
Ion Ratio Lower Upper
95 100
174 71.0 0.0 139.8
176 68.2 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

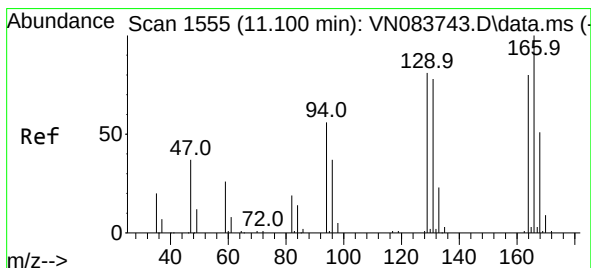
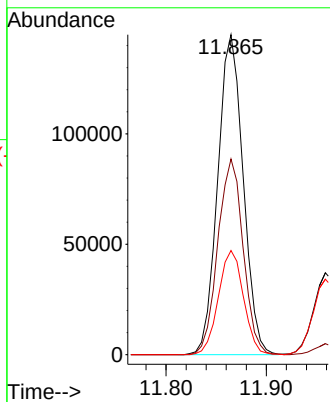
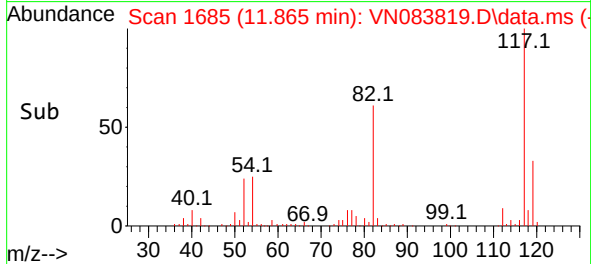
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



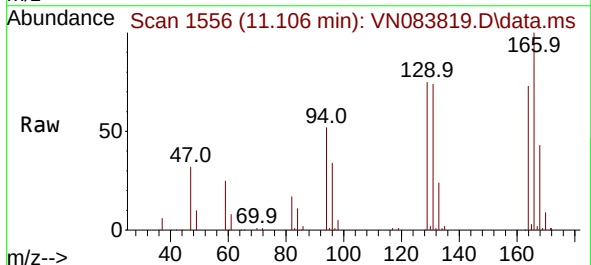
Tgt Ion:117 Resp: 25538
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.0
119 32.5 26.3 39.5

Manual Integrations
APPROVED

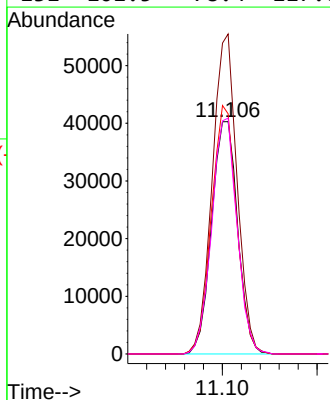
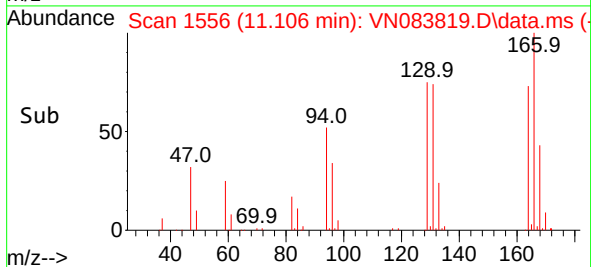
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

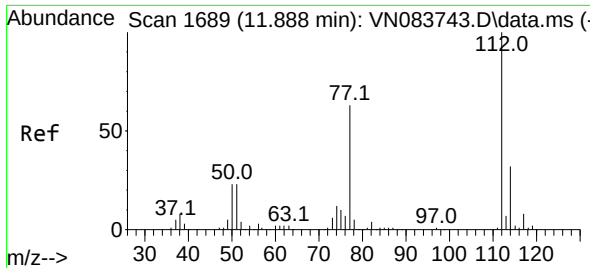


#64
Tetrachloroethene
Concen: 45.190 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42



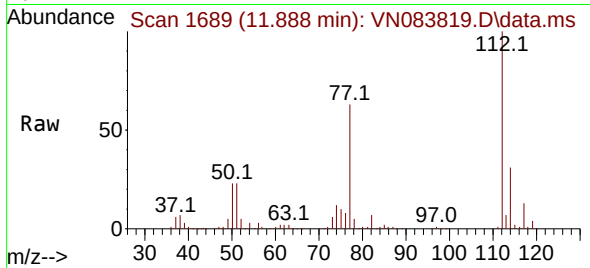
Tgt Ion:164 Resp: 76750
Ion Ratio Lower Upper
164 100
166 137.8 103.7 155.5
129 103.4 79.9 119.9
131 101.5 78.4 117.6





#65
Chlorobenzene
Concen: 47.077 ug/l
RT: 11.888 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

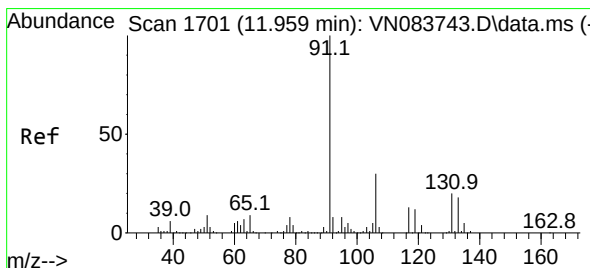
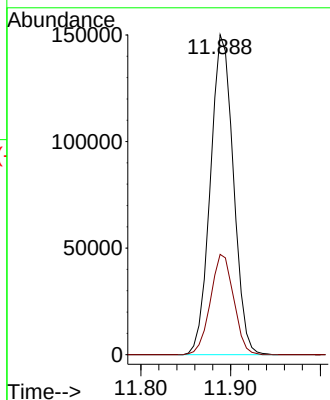
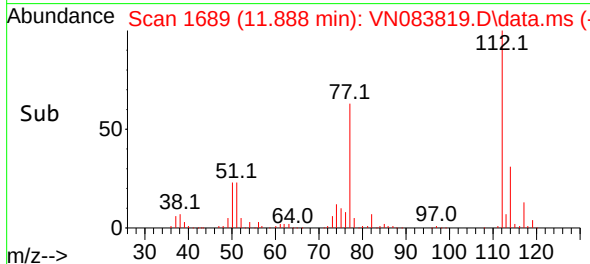
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 26721
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5

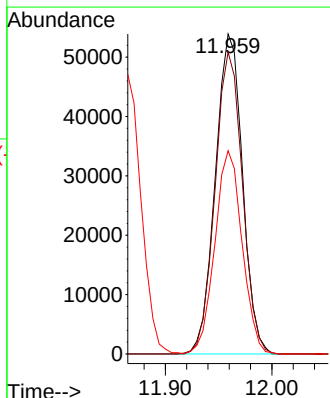
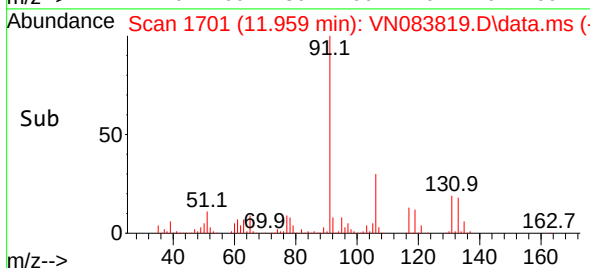
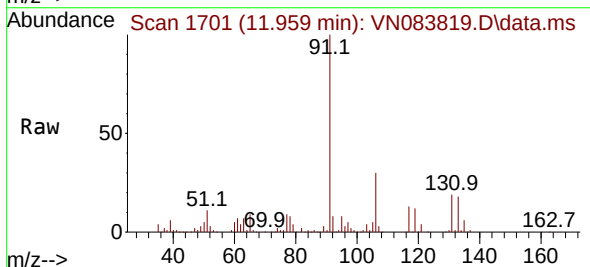
Manual Integrations
APPROVED

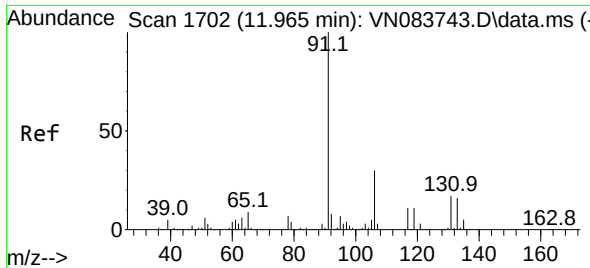
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 48.541 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

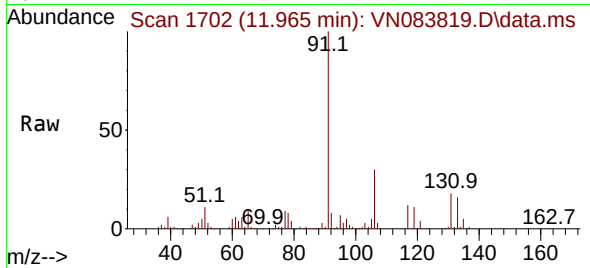
Tgt Ion:131 Resp: 95516
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.6
119 63.7 31.6 94.8





#67
Ethyl Benzene
Concen: 48.435 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

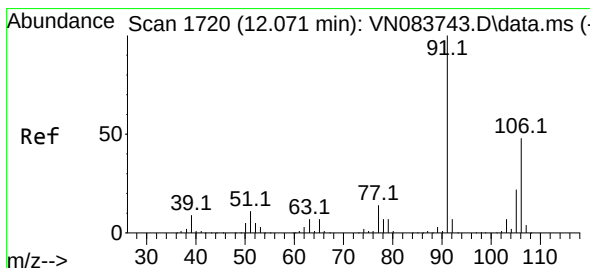
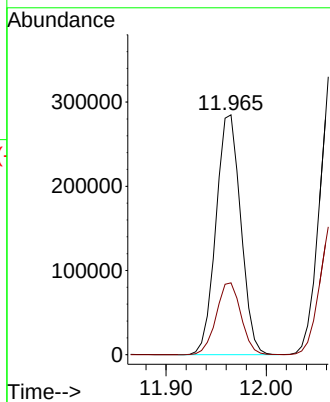
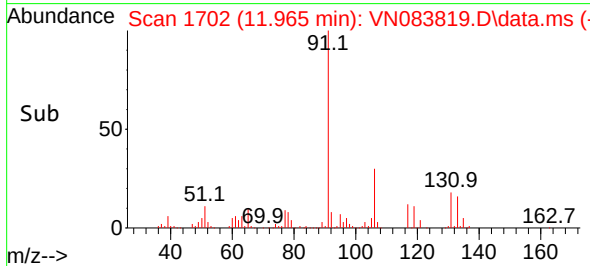
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



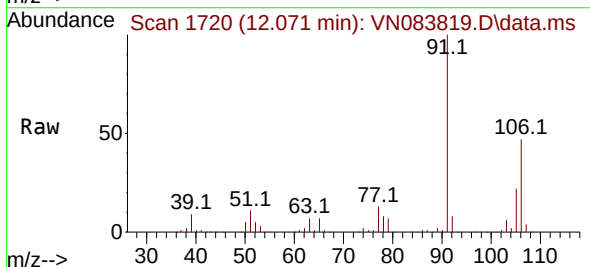
Tgt Ion: 91 Resp: 48838
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5

Manual Integrations
APPROVED

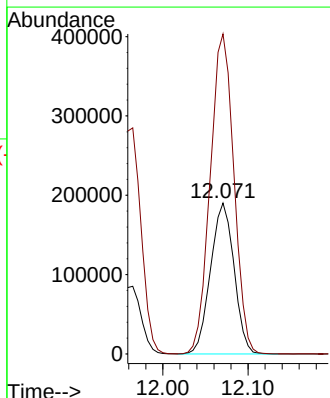
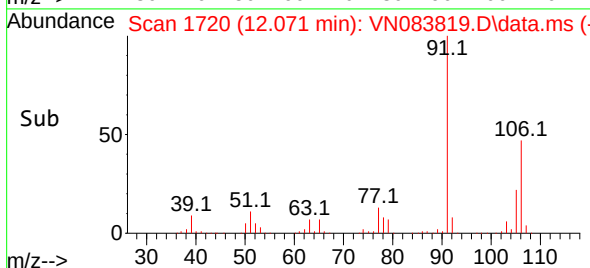
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

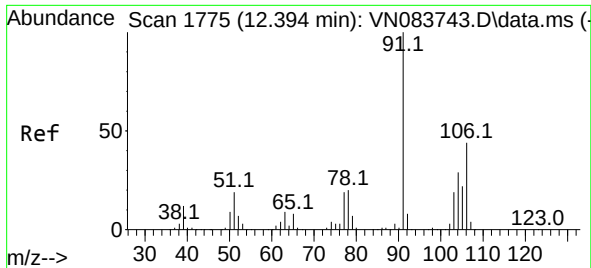


#68
m/p-Xylenes
Concen: 97.334 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42



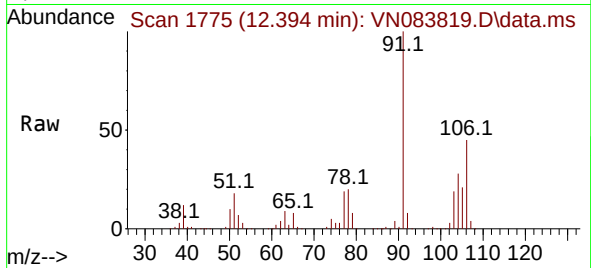
Tgt Ion:106 Resp: 364372
Ion Ratio Lower Upper
106 100
91 213.9 169.2 253.8





#69
o-Xylene
Concen: 49.487 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

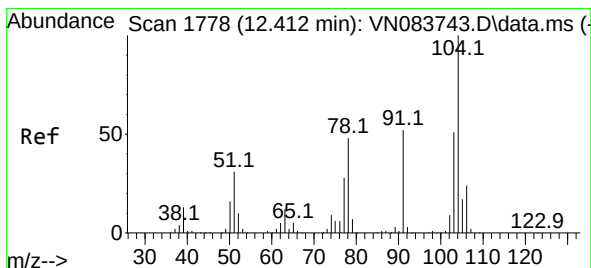
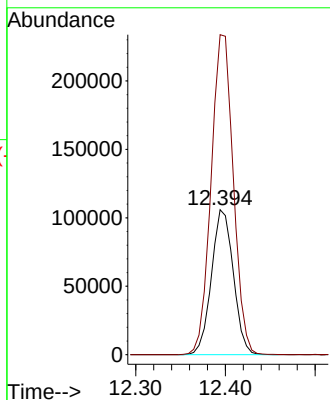
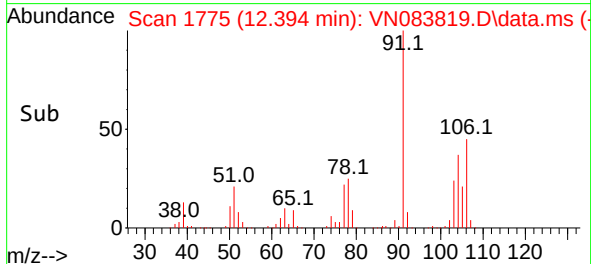
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



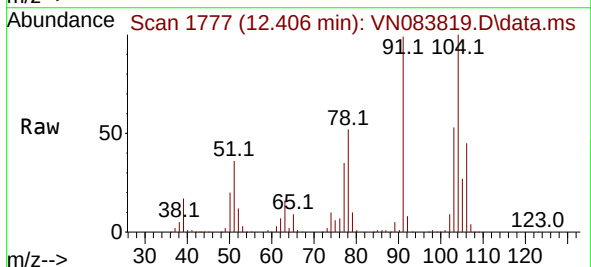
Tgt Ion:106 Resp: 17934
Ion Ratio Lower Upper
106 100
91 224.4 112.9 338.6

Manual Integrations
APPROVED

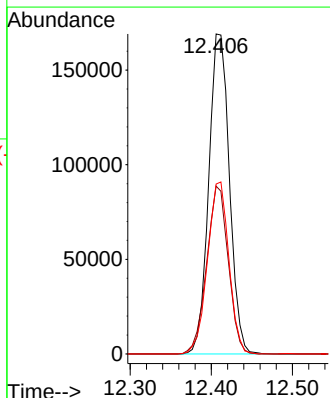
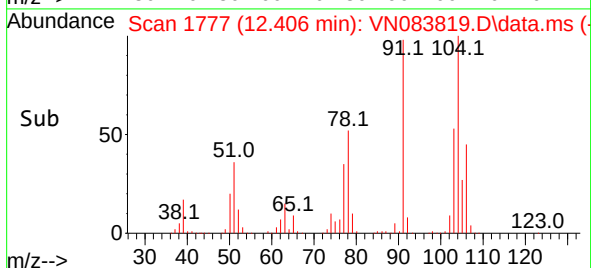
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

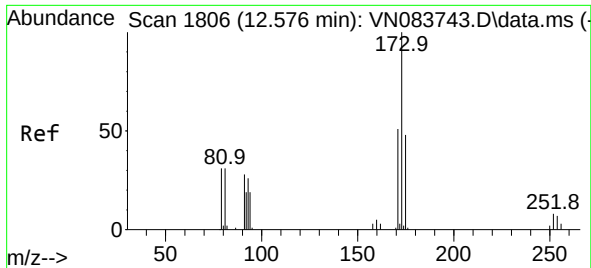


#70
Styrene
Concen: 50.279 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42



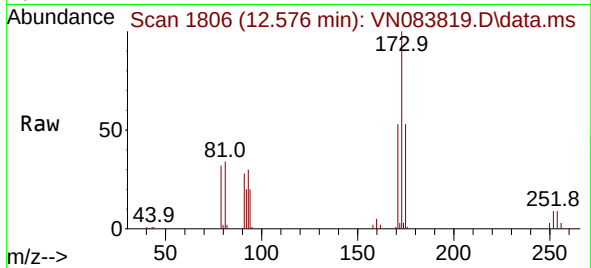
Tgt Ion:104 Resp: 299036
Ion Ratio Lower Upper
104 100
78 54.8 43.3 64.9
103 55.6 43.4 65.2





#71
Bromoform
Concen: 51.815 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

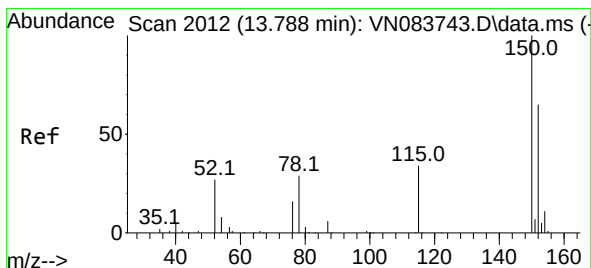
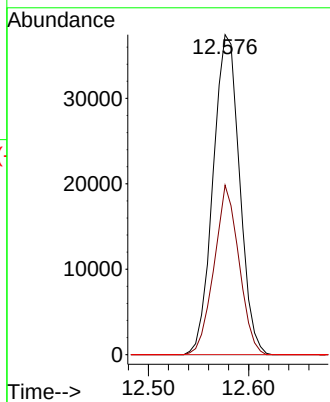
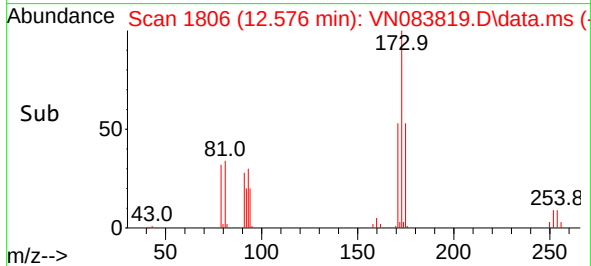
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 68700
Ion Ratio Lower Upper
173 100
175 49.7 24.1 72.2
254 0.0 0.0 0.0

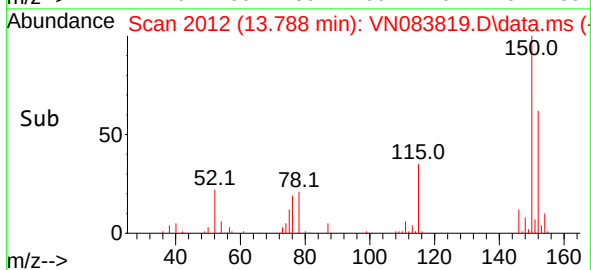
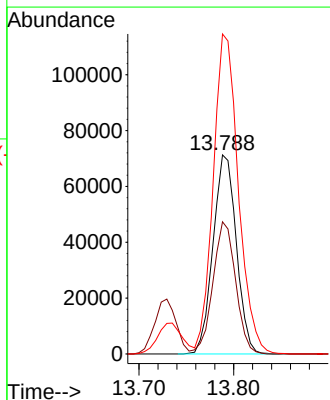
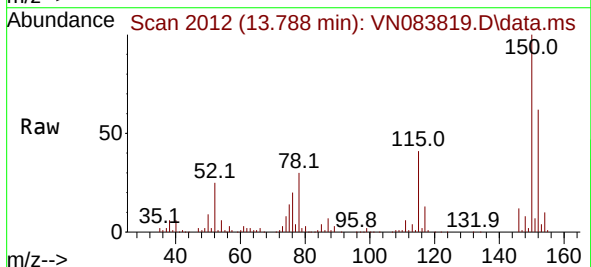
Manual Integrations
APPROVED

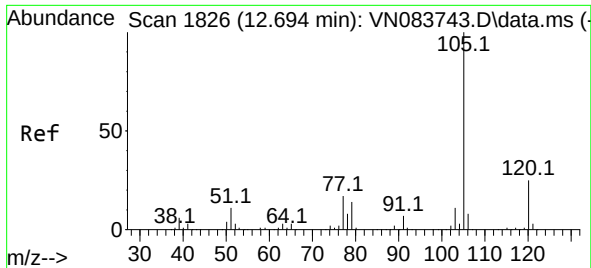
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

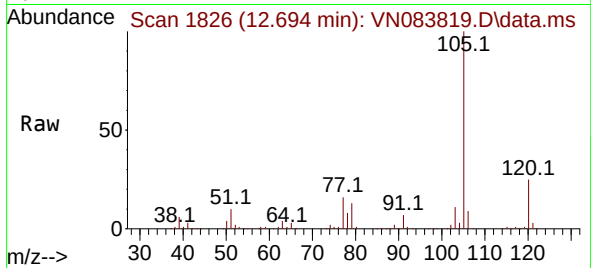
Tgt Ion:152 Resp: 121929
Ion Ratio Lower Upper
152 100
115 64.7 32.2 96.6
150 173.3 0.0 348.6





#73
Isopropylbenzene
Concen: 49.282 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

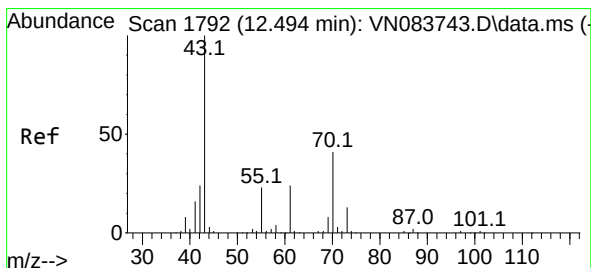
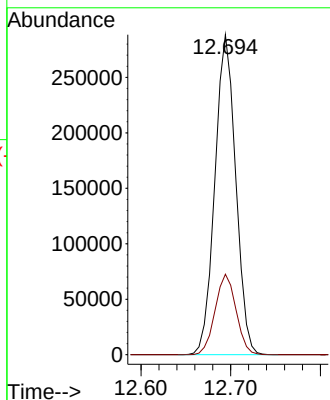
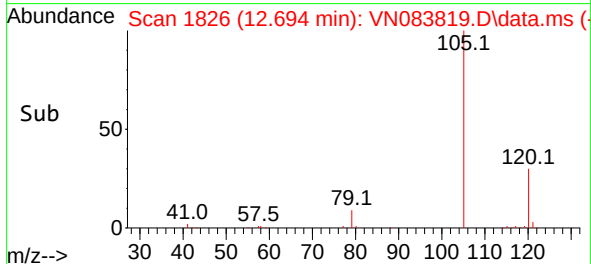
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



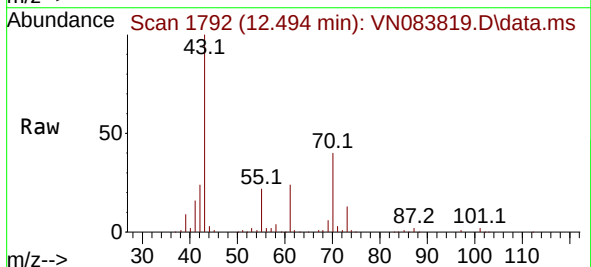
Tgt Ion:105 Resp: 46488
Ion Ratio Lower Upper
105 100
120 25.2 12.6 37.8

Manual Integrations
APPROVED

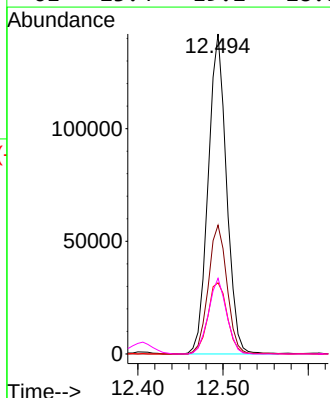
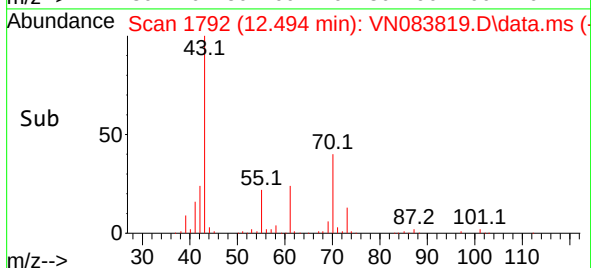
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

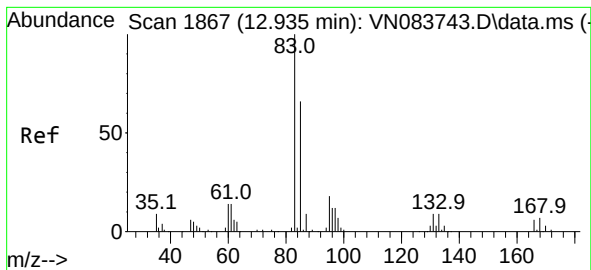


#74
N-ethyl acetate
Concen: 52.748 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42



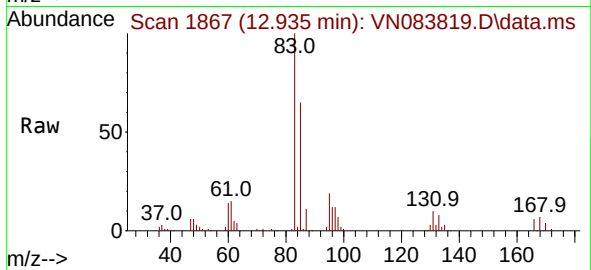
Tgt Ion: 43 Resp: 212297
Ion Ratio Lower Upper
43 100
70 41.0 34.5 51.7
55 23.7 18.6 28.0
61 23.4 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 48.304 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

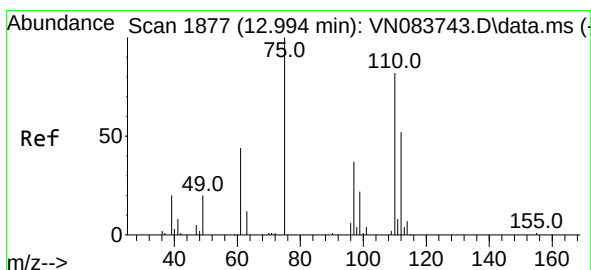
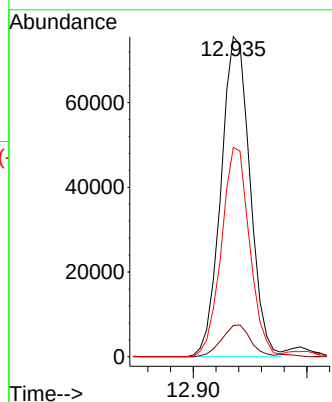
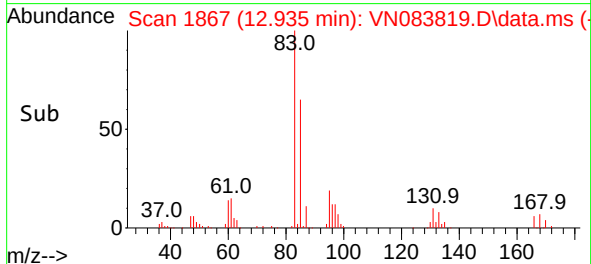
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 133880
Ion Ratio Lower Upper
83 100
131 9.9 5.2 15.6
85 63.7 31.9 95.9

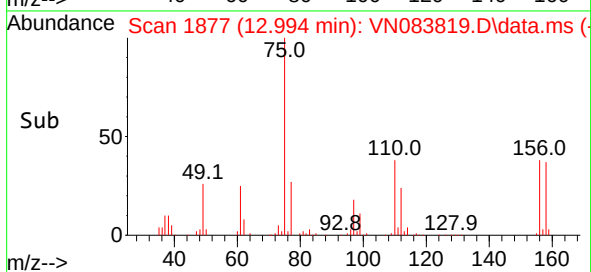
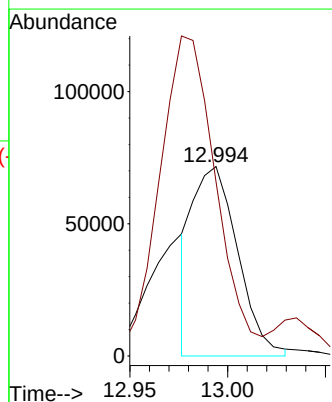
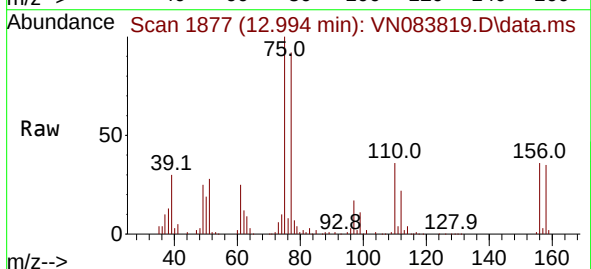
Manual Integrations
APPROVED

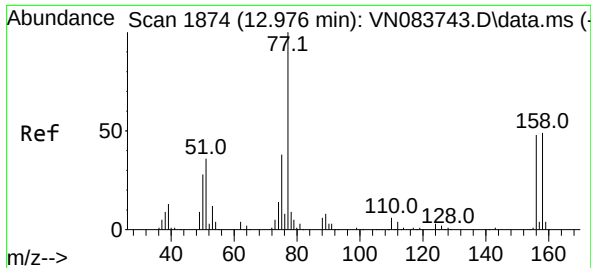
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#76
1,2,3-Trichloropropane
Concen: 46.738 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

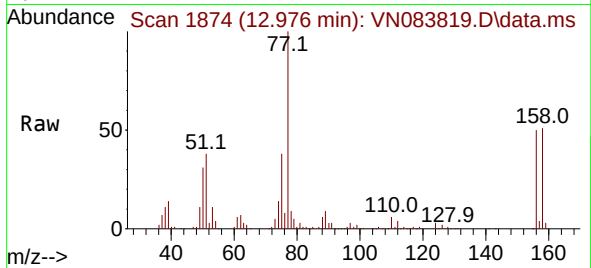
Tgt Ion: 75 Resp: 114988
Ion Ratio Lower Upper
75 100
77 212.3 95.2 285.6





#77
Bromobenzene
Concen: 46.374 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

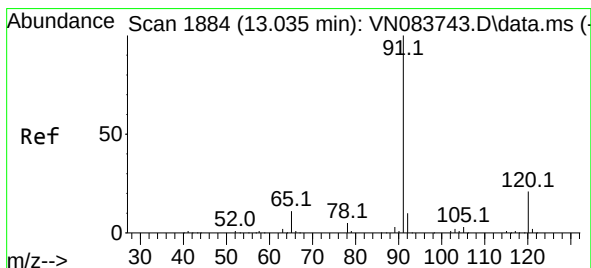
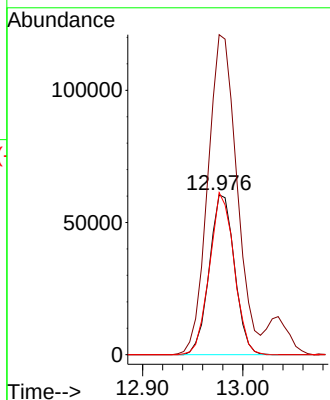
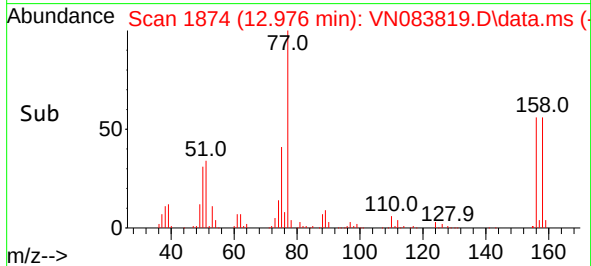
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



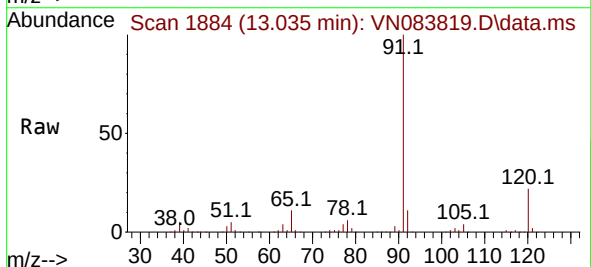
Tgt Ion:156 Resp: 10530
Ion Ratio Lower Upper
156 100
77 231.9 114.3 343.1
158 99.3 48.9 146.7

Manual Integrations
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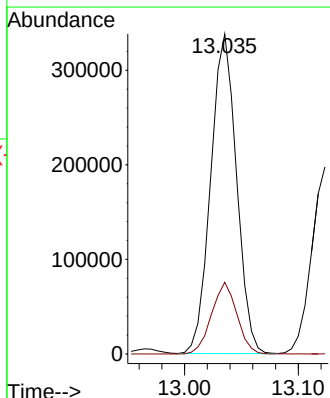
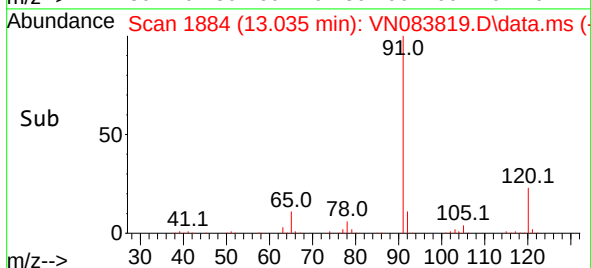
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

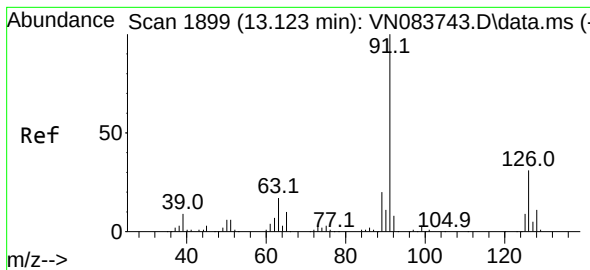


#78
n-propylbenzene
Concen: 48.608 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42



Tgt Ion: 91 Resp: 533500
Ion Ratio Lower Upper
91 100
120 21.9 11.0 33.0





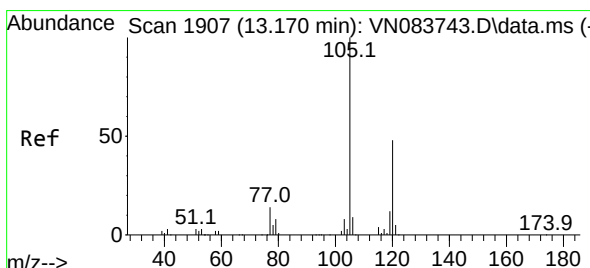
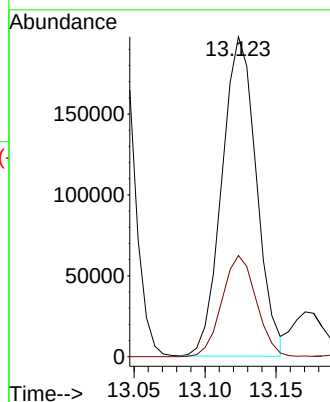
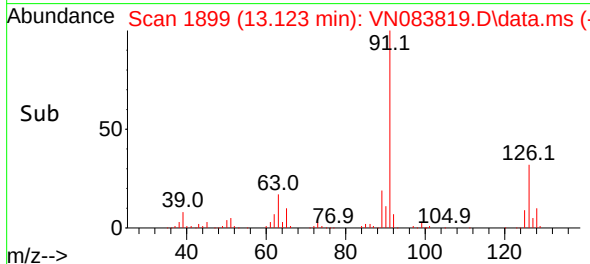
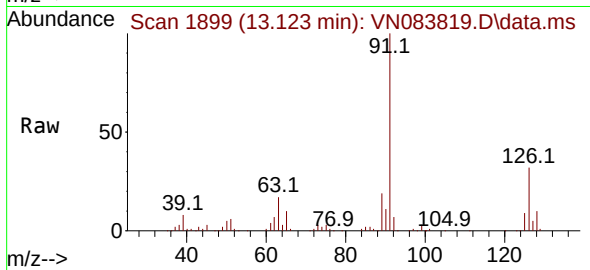
#79
2-Chlorotoluene
Concen: 47.719 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 33402
Ion Ratio Lower Upper
91 100
126 31.5 15.4 46.2

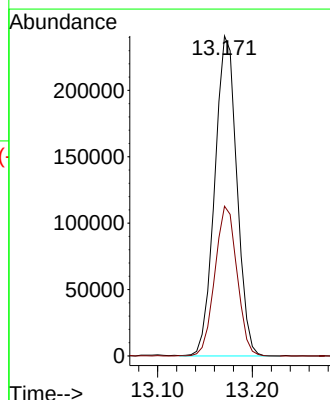
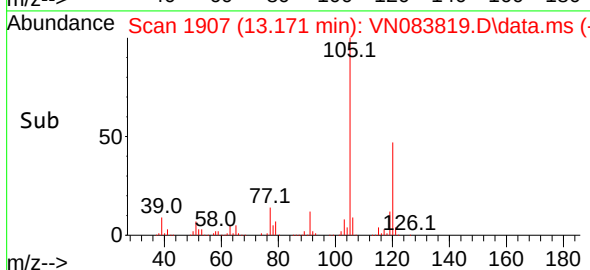
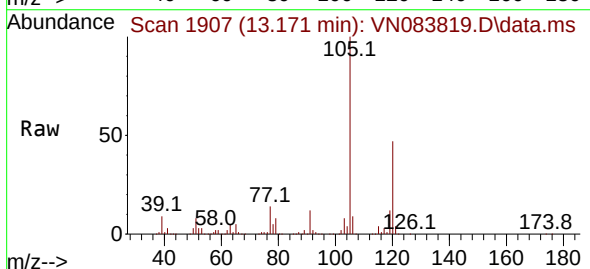
Manual Integrations
APPROVED

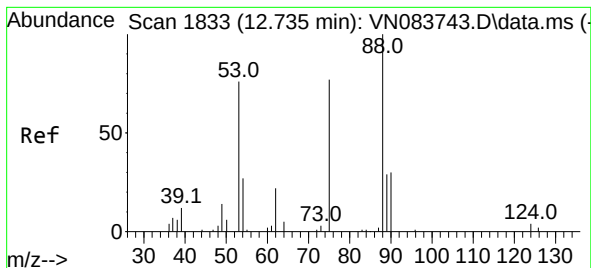
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#80
1,3,5-Trimethylbenzene
Concen: 49.135 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

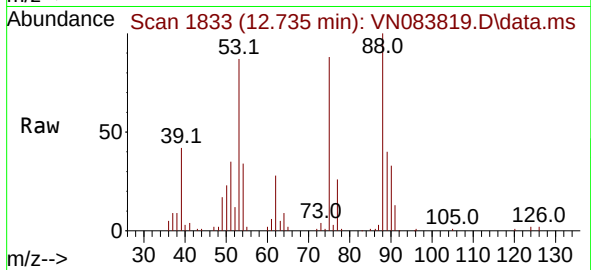
Tgt Ion:105 Resp: 390772
Ion Ratio Lower Upper
105 100
120 46.9 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 52.603 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

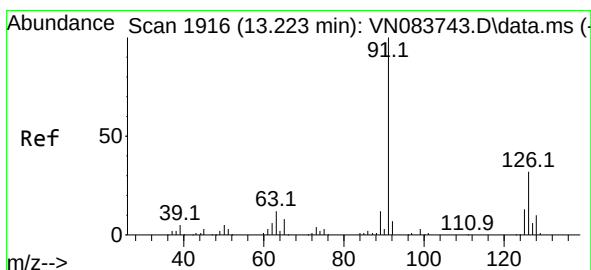
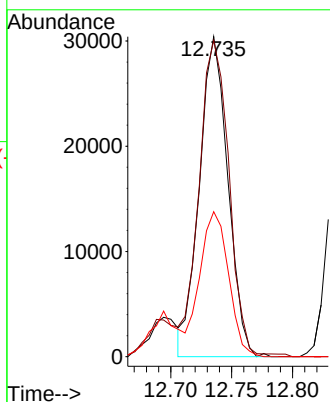
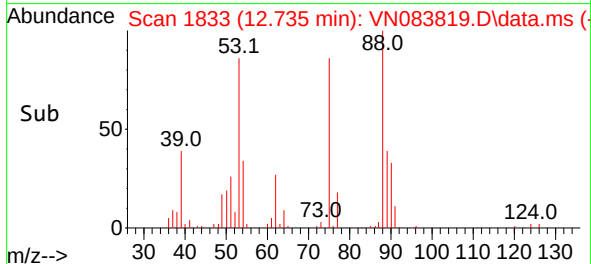
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



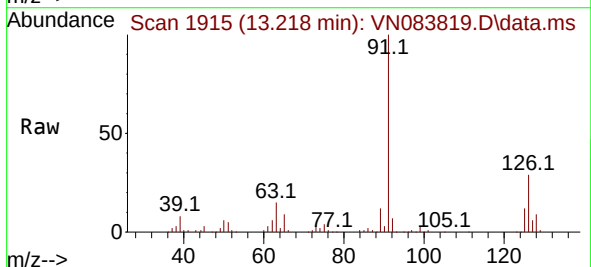
Tgt Ion: 75 Resp: 49414
Ion Ratio Lower Upper
75 100
53 104.1 81.2 121.8
89 45.4 35.7 53.5

Manual Integrations
APPROVED

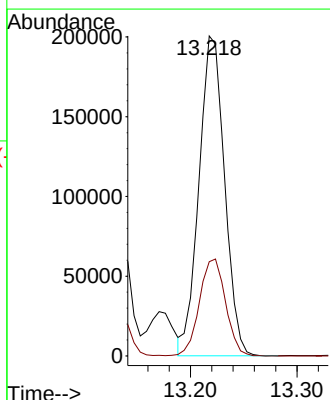
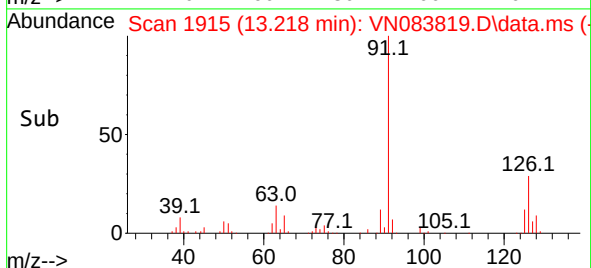
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

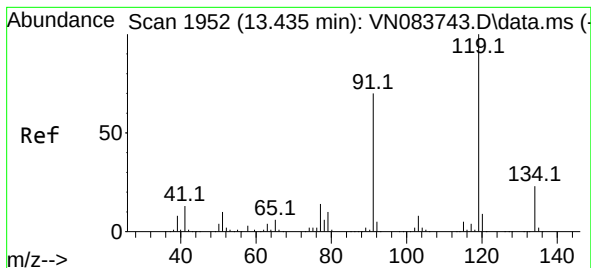


#82
4-Chlorotoluene
Concen: 47.689 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42



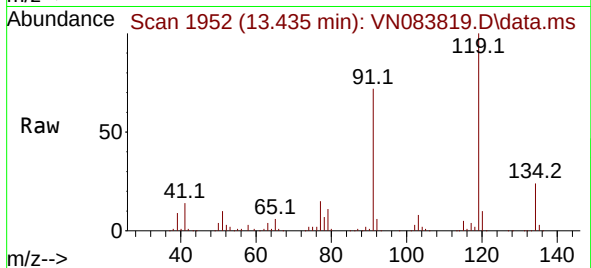
Tgt Ion: 91 Resp: 334981
Ion Ratio Lower Upper
91 100
126 31.1 15.4 46.2





#83
tert-Butylbenzene
Concen: 48.756 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

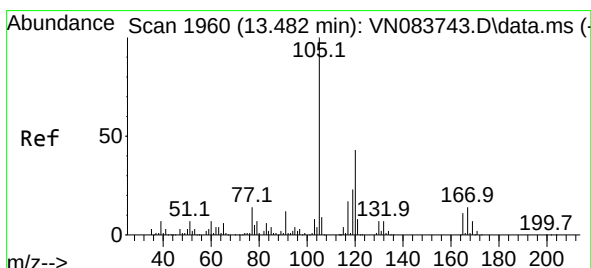
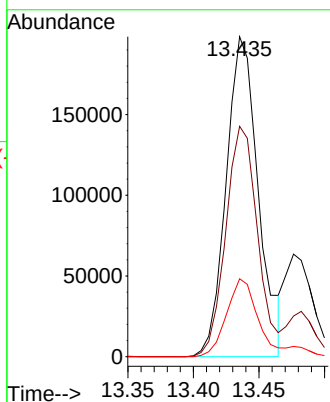
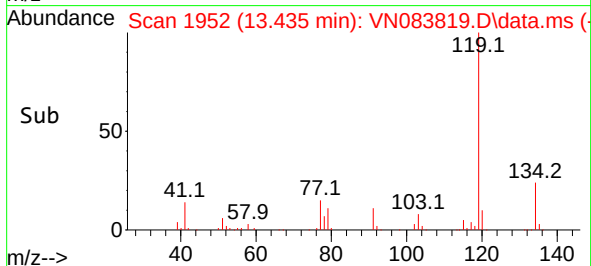
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



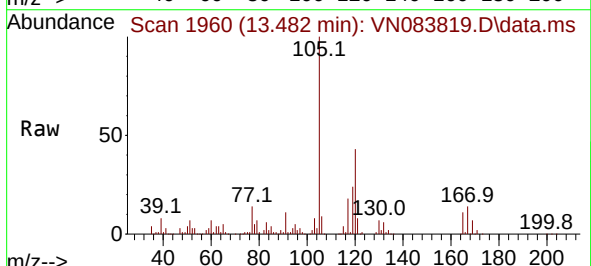
Tgt Ion:119 Resp: 33924
Ion Ratio Lower Upper
119 100
91 71.0 34.5 103.6
134 23.7 12.8 38.4

Manual Integrations
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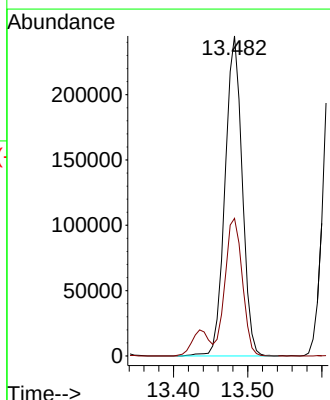
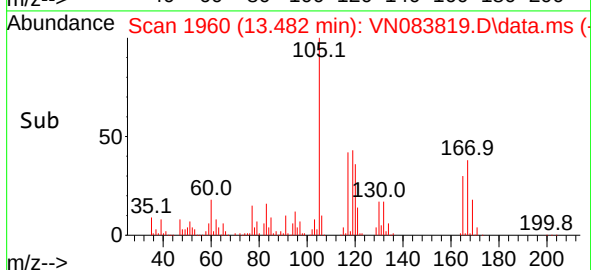
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

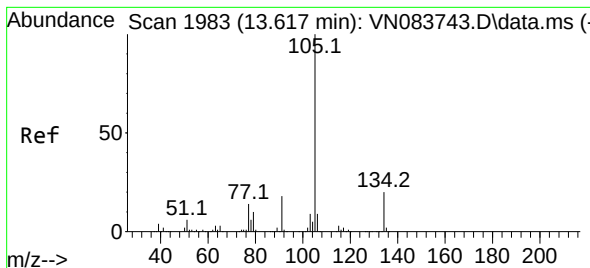


#84
1,2,4-Trimethylbenzene
Concen: 49.207 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42



Tgt Ion:105 Resp: 393109
Ion Ratio Lower Upper
105 100
120 43.4 21.8 65.4





#85

sec-Butylbenzene

Concen: 49.358 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN083819.D

Acq: 12 Sep 2024 08:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 455470

Ion Ratio Lower Upper

105 100

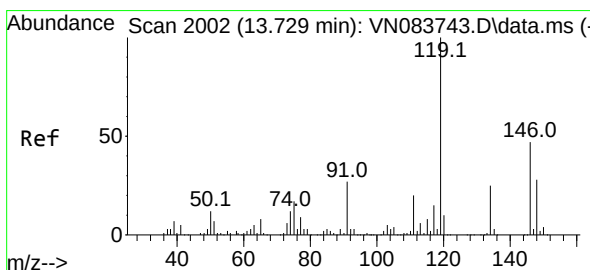
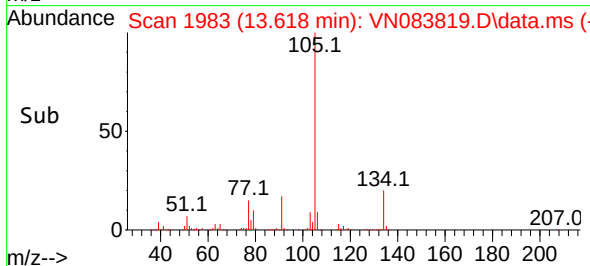
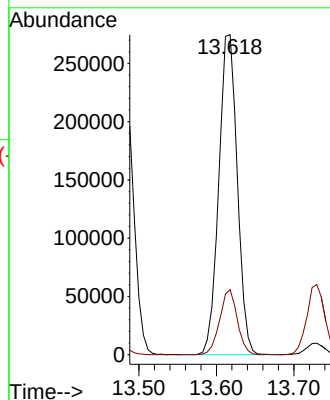
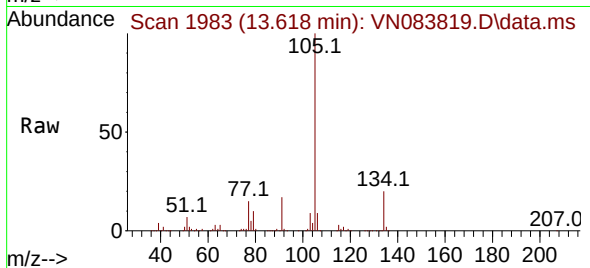
134 19.3 9.7 29.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#86

p-Isopropyltoluene

Concen: 49.887 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN083819.D

Acq: 12 Sep 2024 08:42

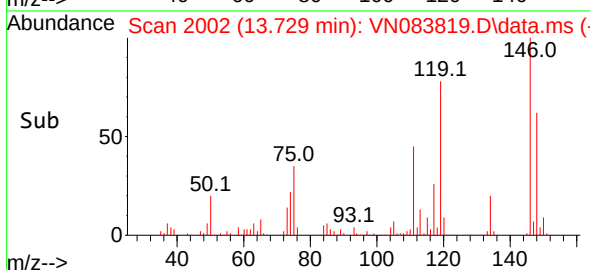
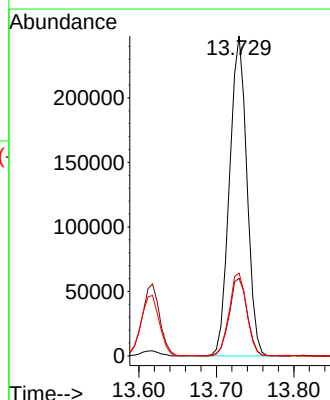
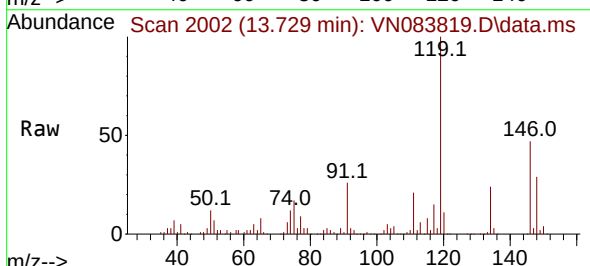
Tgt Ion:119 Resp: 385905

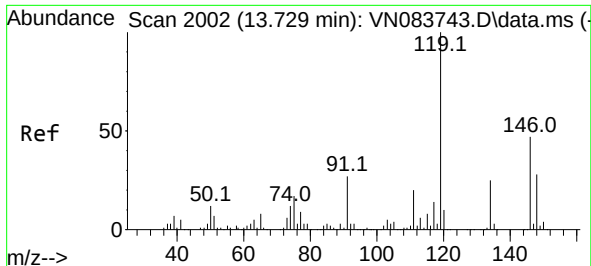
Ion Ratio Lower Upper

119 100

134 25.1 12.8 38.3

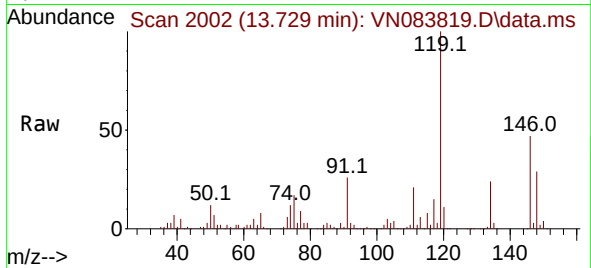
91 26.2 12.9 38.7





#87
1,3-Dichlorobenzene
Concen: 45.886 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

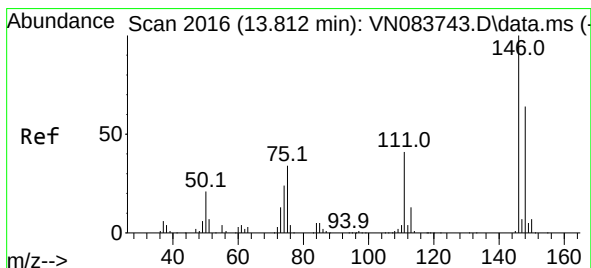
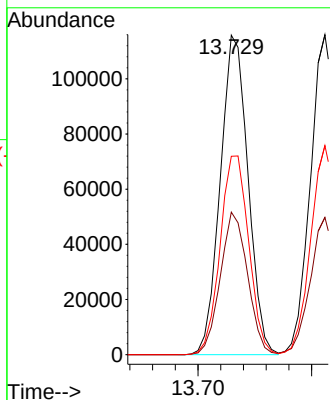
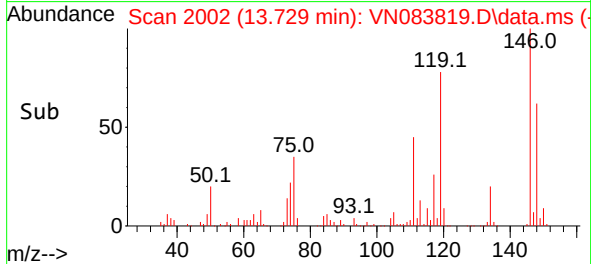
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



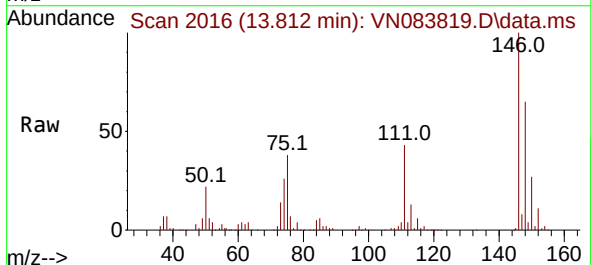
Tgt Ion:146 Resp: 196639
Ion Ratio Lower Upper
146 100
111 43.9 21.7 65.1
148 64.2 31.7 95.1

Manual Integrations
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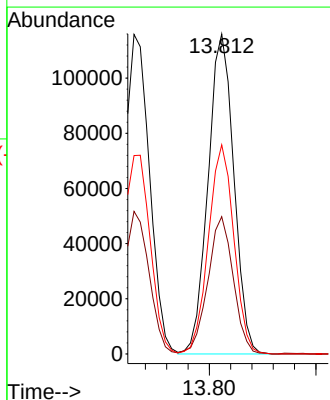
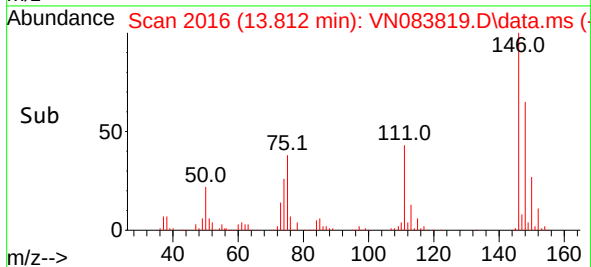
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

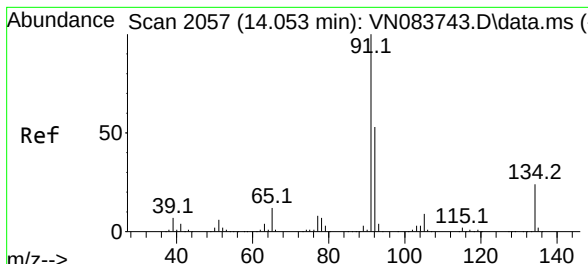


#88
1,4-Dichlorobenzene
Concen: 44.911 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42



Tgt Ion:146 Resp: 194876
Ion Ratio Lower Upper
146 100
111 42.4 21.3 64.0
148 64.6 32.0 96.2





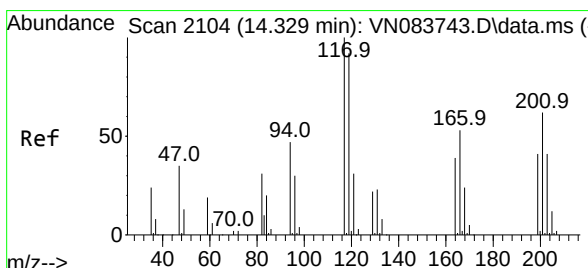
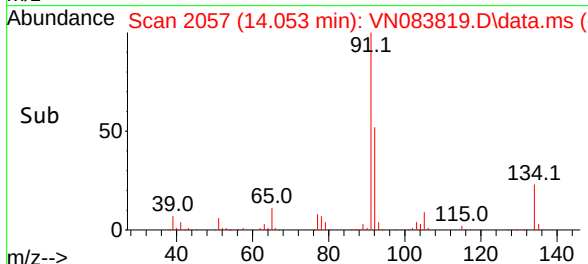
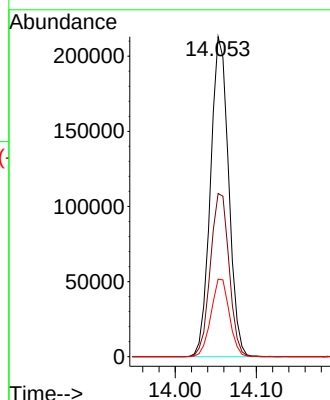
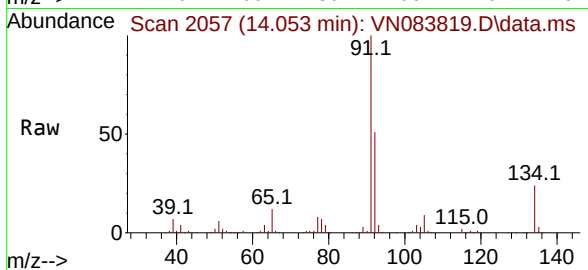
#89
n-Butylbenzene
Concen: 47.581 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 330460
Ion Ratio Lower Upper
91 100
92 52.6 26.7 80.1
134 24.5 12.2 36.4

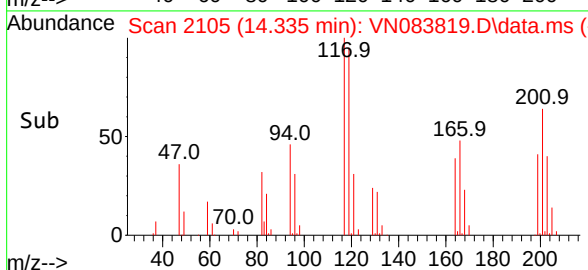
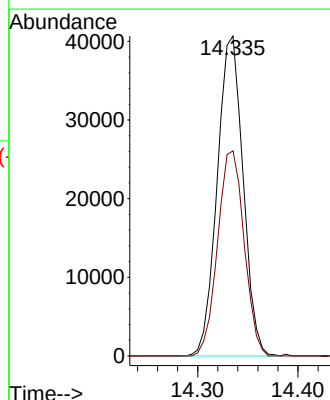
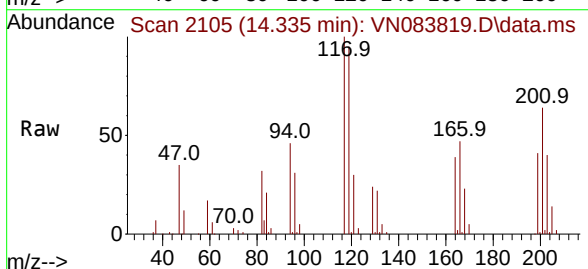
Manual Integrations
APPROVED

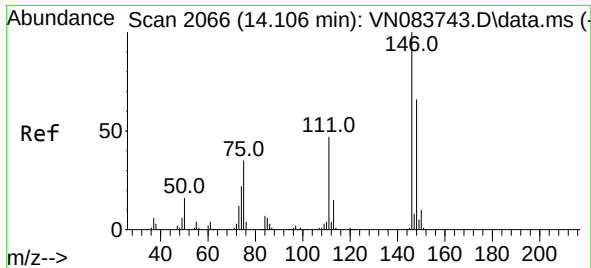
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#90
Hexachloroethane
Concen: 46.764 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

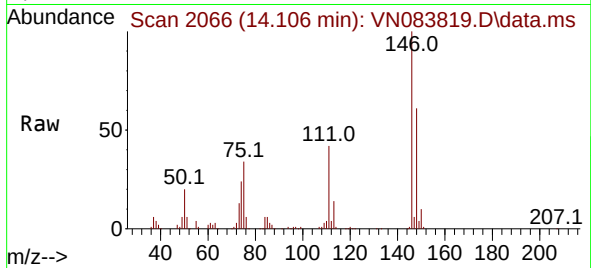
Tgt Ion:117 Resp: 72717
Ion Ratio Lower Upper
117 100
201 65.6 32.8 98.3





#91
1,2-Dichlorobenzene
Concen: 47.166 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

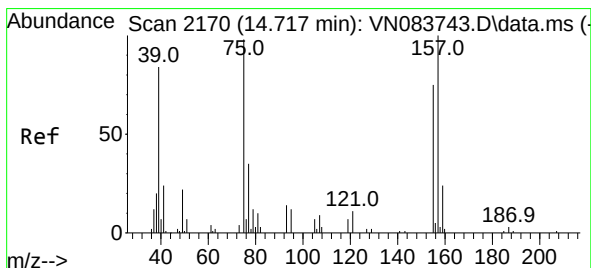
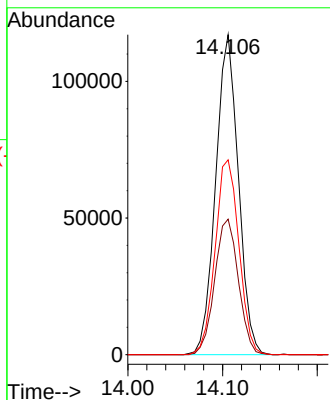
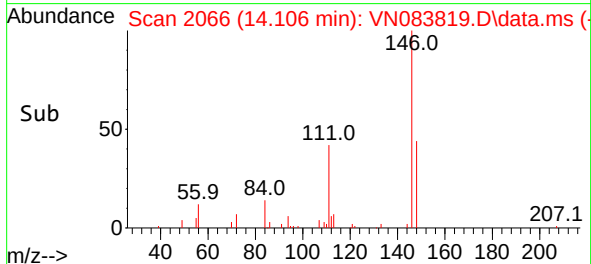
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 19506
Ion Ratio Lower Upper
146 100
111 44.3 22.8 68.3
148 63.8 32.1 96.5

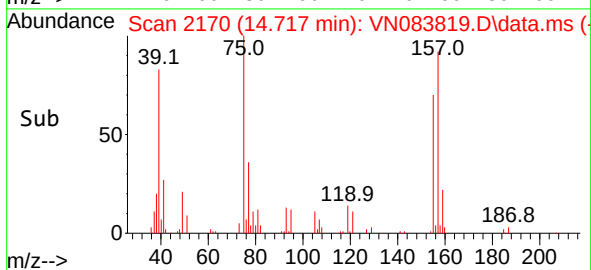
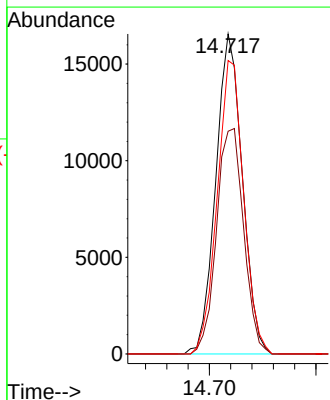
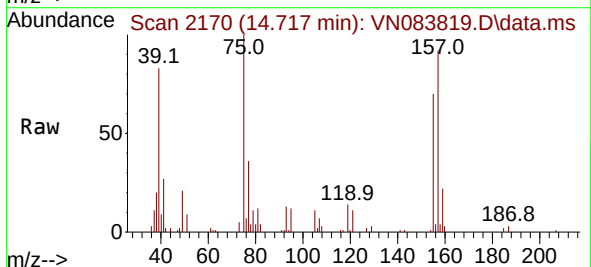
Manual Integrations
APPROVED

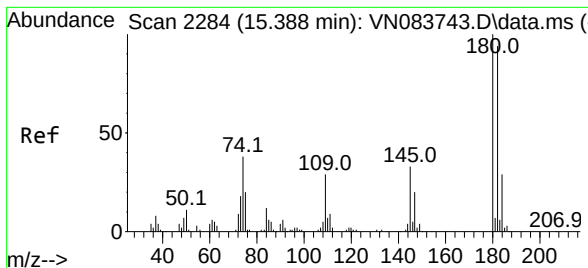
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.816 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

Tgt Ion: 75 Resp: 28629
Ion Ratio Lower Upper
75 100
155 72.2 35.9 107.7
157 91.1 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 45.352 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN083819.D

Acq: 12 Sep 2024 08:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 100652

Ion Ratio Lower Upper

180 100

182 95.6 48.1 144.3

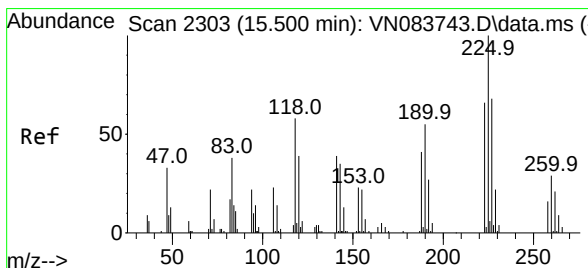
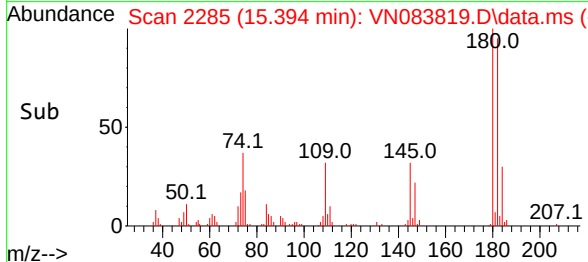
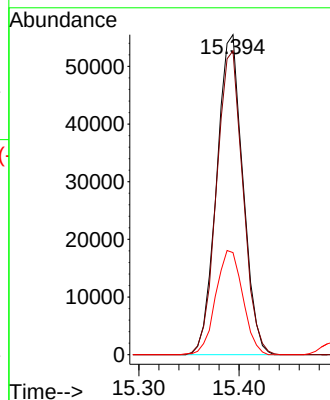
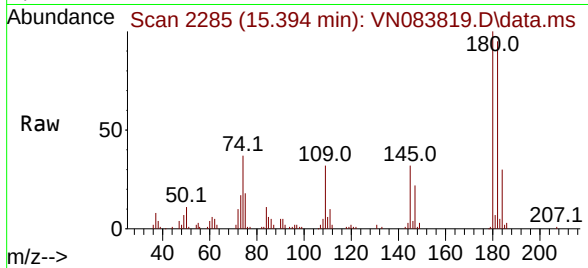
145 33.5 16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#94

Hexachlorobutadiene

Concen: 45.830 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN083819.D

Acq: 12 Sep 2024 08:42

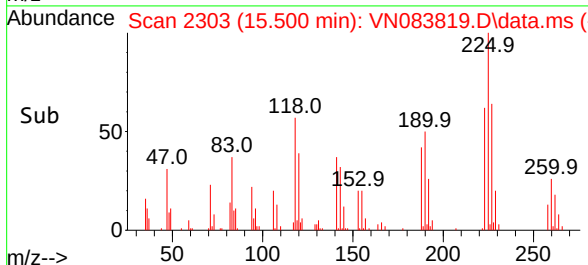
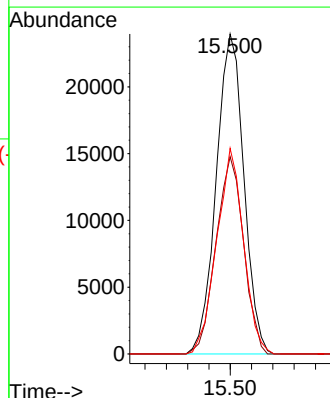
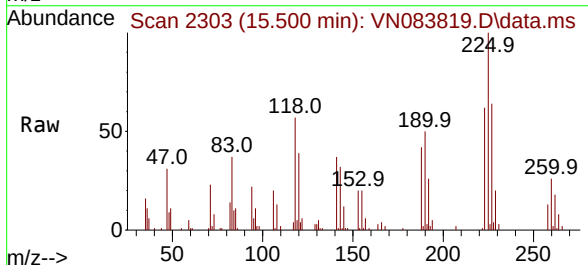
Tgt Ion:225 Resp: 43195

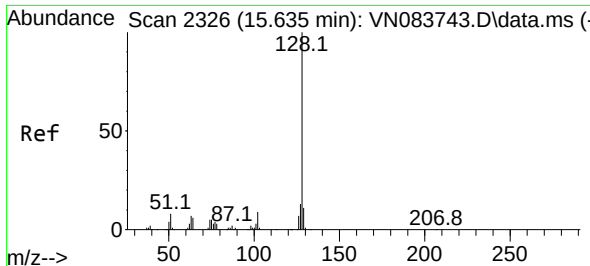
Ion Ratio Lower Upper

225 100

223 61.5 31.9 95.5

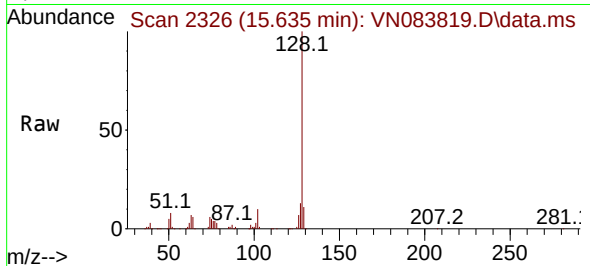
227 62.2 32.0 96.2





#95
Naphthalene
Concen: 50.004 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42

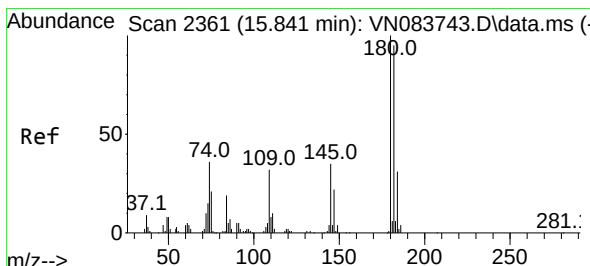
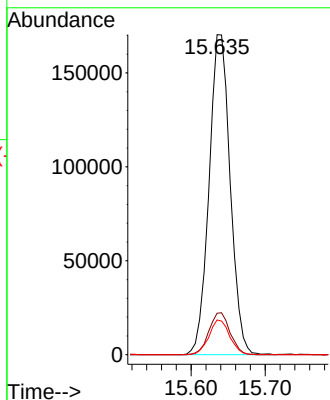
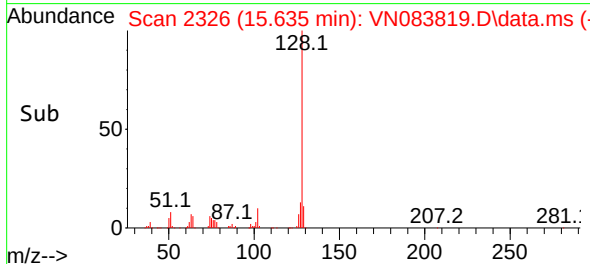
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



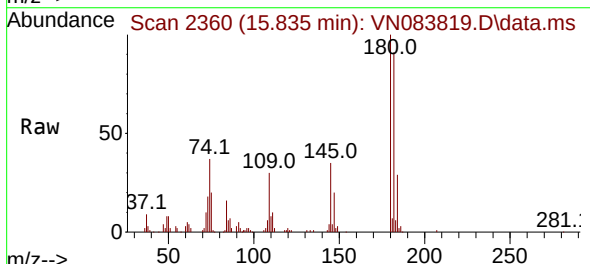
Tgt Ion:128 Resp: 33762
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#96
1,2,3-Trichlorobenzene
Concen: 46.741 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN083819.D
Acq: 12 Sep 2024 08:42



Tgt Ion:180 Resp: 99138
Ion Ratio Lower Upper
180 100
182 94.5 47.1 141.4
145 35.8 17.8 53.5

