

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090324\
 Data File : VN083614.D
 Acq On : 03 Sep 2024 09:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 04 02:52:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/04/2024
 Supervised By :Mahesh Dadoda 09/04/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	192198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	324833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	283224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140569	52.331	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.660%			
35) Dibromofluoromethane	8.165	113	102581	52.468	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.940%			
50) Toluene-d8	10.565	98	385076	50.509	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.020%			
62) 4-Bromofluorobenzene	12.847	95	147686	52.364	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	101439	49.868	ug/l	100
3) Chloromethane	2.359	50	108186	45.657	ug/l	95
4) Vinyl Chloride	2.518	62	110210	46.474	ug/l	98
5) Bromomethane	2.906	94	58249	46.724	ug/l	99
6) Chloroethane	3.077	64	69042	44.553	ug/l	99
7) Trichlorofluoromethane	3.471	101	184442	47.229	ug/l	100
8) Diethyl Ether	3.959	74	64923	46.504	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.353	101	103460	48.850	ug/l	99
10) Methyl Iodide	4.577	142	136441	47.625	ug/l	95
11) Tert butyl alcohol	5.530	59	92472	220.792	ug/l	100
12) 1,1-Dichloroethene	4.330	96	98044	46.564	ug/l	94
13) Acrolein	4.171	56	70415	177.710	ug/l	98
14) Allyl chloride	5.018	41	175950	46.869	ug/l	98
15) Acrylonitrile	5.718	53	242212	234.504	ug/l	100
16) Acetone	4.424	43	266723	248.998	ug/l	97
17) Carbon Disulfide	4.700	76	265418	43.257	ug/l	100
18) Methyl Acetate	5.018	43	116864	41.023	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	357974	47.929	ug/l	99
20) Methylene Chloride	5.265	84	108796	45.993	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	100368	45.762	ug/l	91
22) Diisopropyl ether	6.665	45	360275	48.670	ug/l	99
23) Vinyl Acetate	6.594	43	1333449	243.075	ug/l	99
24) 1,1-Dichloroethane	6.559	63	199290	47.210	ug/l	99
25) 2-Butanone	7.482	43	347250	238.095	ug/l	100
26) 2,2-Dichloropropane	7.482	77	195801	49.819	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	125044	47.778	ug/l	100
28) Bromochloromethane	7.806	49	93912	47.641	ug/l	98
29) Tetrahydrofuran	7.835	42	207261	229.108	ug/l	99
30) Chloroform	7.959	83	213440	47.991	ug/l	99
31) Cyclohexane	8.253	56	179396	43.175	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	201431	50.087	ug/l	98
36) 1,1-Dichloropropene	8.371	75	147895	49.593	ug/l	99
37) Ethyl Acetate	7.559	43	140319	47.279	ug/l	97
38) Carbon Tetrachloride	8.359	117	174391	51.254	ug/l	98
39) Methylcyclohexane	9.600	83	182745	51.068	ug/l	95
40) Benzene	8.606	78	450315	49.088	ug/l	98

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 Supervised By : Mahesh Dadoda 09/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	75198	44.400	ug/l	95
42) 1,2-Dichloroethane	8.665	62	166495	48.962	ug/l	100
43) Isopropyl Acetate	8.688	43	247078	41.280	ug/l	97
44) Trichloroethene	9.353	130	105013	47.586	ug/l	98
45) 1,2-Dichloropropane	9.618	63	108128	50.598	ug/l	96
46) Dibromomethane	9.706	93	77545	49.186	ug/l	99
47) Bromodichloromethane	9.888	83	170692	50.861	ug/l	100
48) Methyl methacrylate	9.676	41	120977	49.697	ug/l	100
49) 1,4-Dioxane	9.700	88	37485	939.761	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	673955	244.256	ug/l	99
52) Toluene	10.629	92	285609	49.780	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	178119	51.268	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	187047	51.292	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	102768	50.185	ug/l	96
56) Ethyl methacrylate	10.870	69	172204	50.832	ug/l	99
57) 1,3-Dichloropropane	11.165	76	178151	49.139	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	389074	264.315	ug/l	100
59) 2-Hexanone	11.194	43	511923	247.220	ug/l	98
60) Dibromochloromethane	11.359	129	123673	52.121	ug/l	100
61) 1,2-Dibromoethane	11.465	107	104003	49.711	ug/l	100
64) Tetrachloroethene	11.100	164	87643	47.078	ug/l	96
65) Chlorobenzene	11.888	112	299749	47.192	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	107802	50.269	ug/l	98
67) Ethyl Benzene	11.965	91	555001	48.951	ug/l	98
68) m/p-Xylenes	12.070	106	412993	96.692	ug/l	100
69) o-Xylene	12.394	106	202874	49.144	ug/l	99
70) Styrene	12.412	104	336975	48.548	ug/l	99
71) Bromoform	12.576	173	79724	52.193	ug/l #	99
73) Isopropylbenzene	12.694	105	532855	45.992	ug/l	100
74) N-amyl acetate	12.494	43	223973	44.538	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	144062	43.799	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	123944m	42.886	ug/l	
77) Bromobenzene	12.976	156	118571	43.622	ug/l	99
78) n-propylbenzene	13.035	91	619610	46.255	ug/l	100
79) 2-Chlorotoluene	13.123	91	379931	43.770	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	447741	45.874	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	55746	45.494	ug/l	97
82) 4-Chlorotoluene	13.223	91	384130	43.561	ug/l	100
83) tert-Butylbenzene	13.435	119	399166	46.000	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	454762	46.290	ug/l	100
85) sec-Butylbenzene	13.617	105	535955	46.469	ug/l	100
86) p-Isopropyltoluene	13.729	119	450283	46.742	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	229901	43.571	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	225717	41.632	ug/l	99
89) n-Butylbenzene	14.053	91	392452	46.314	ug/l	99
90) Hexachloroethane	14.329	117	87406	46.614	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	223208	43.927	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30903	43.321	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	123724	42.938	ug/l	99
94) Hexachlorobutadiene	15.500	225	50226	43.526	ug/l	100
95) Naphthalene	15.641	128	394165	42.576	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	116252	40.387	ug/l	98

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Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 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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ClientSampleId :

VSTDCCC050

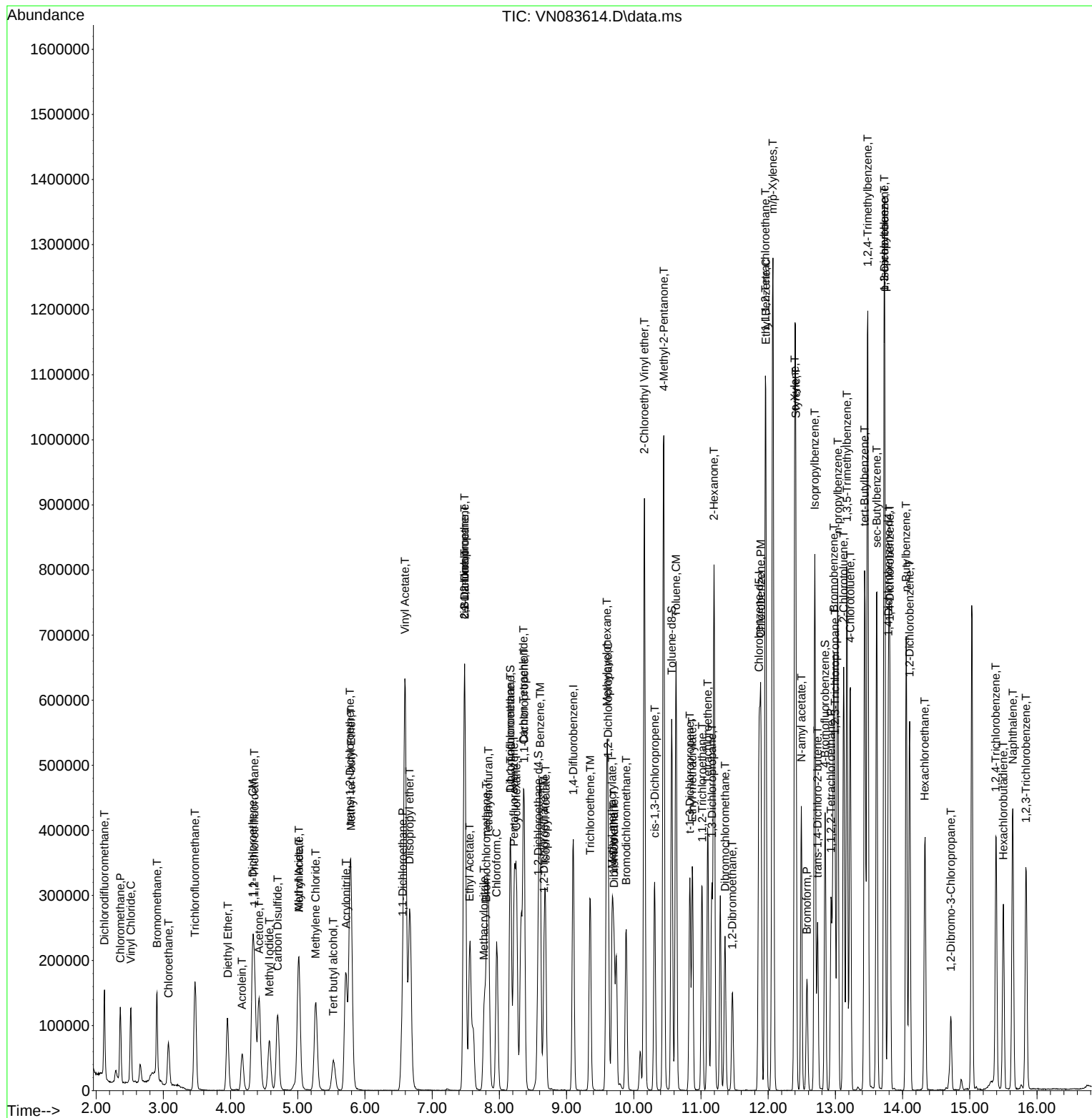
Manual Integrations

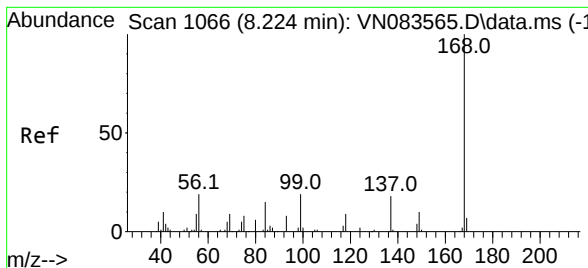
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VN083614.D

Acq: 03 Sep 2024 09:43

Instrument :

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ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 192198

Ion Ratio Lower Upper

168 100

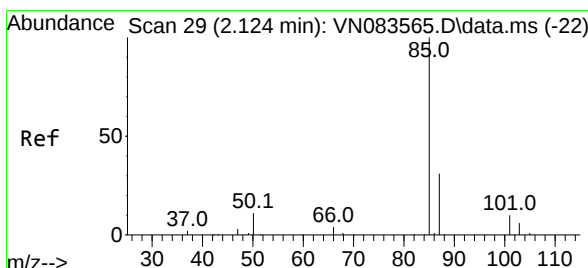
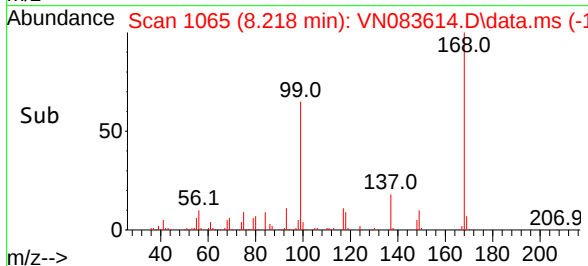
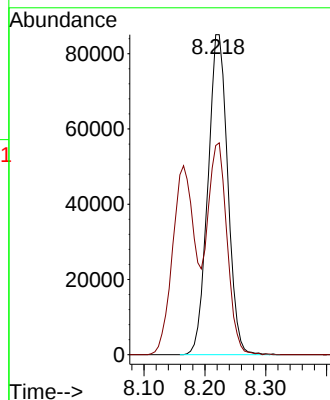
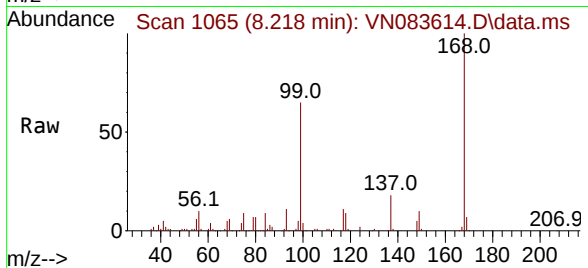
99 65.4 54.2 81.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 49.868 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN083614.D

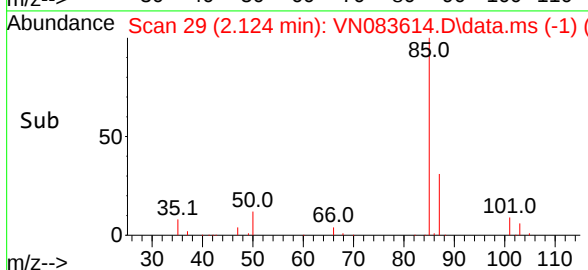
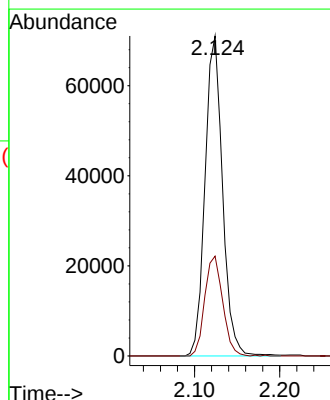
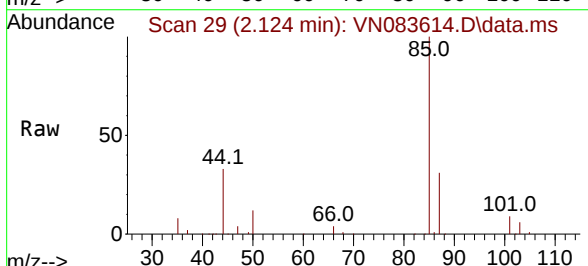
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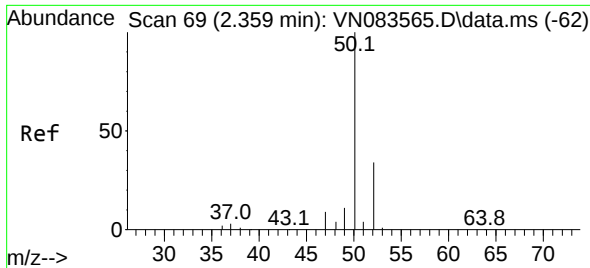
Tgt Ion: 85 Resp: 101439

Ion Ratio Lower Upper

85 100

87 31.2 15.7 47.0





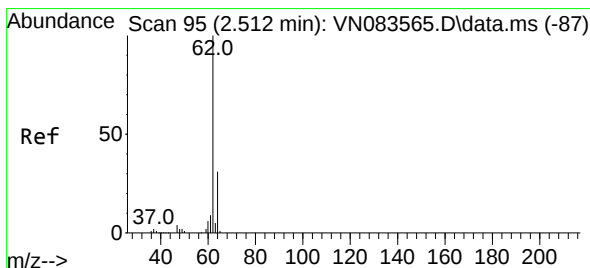
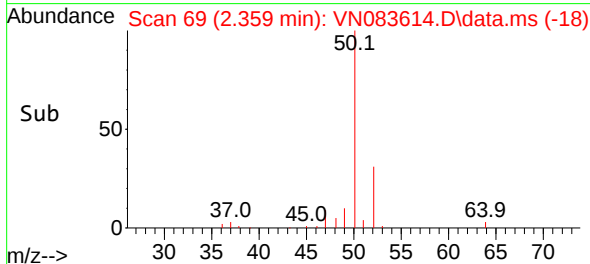
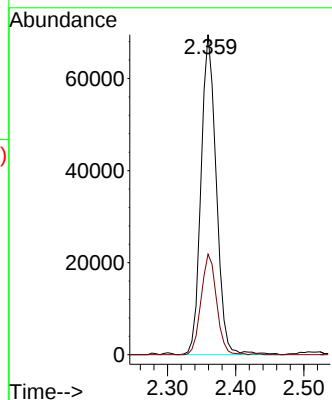
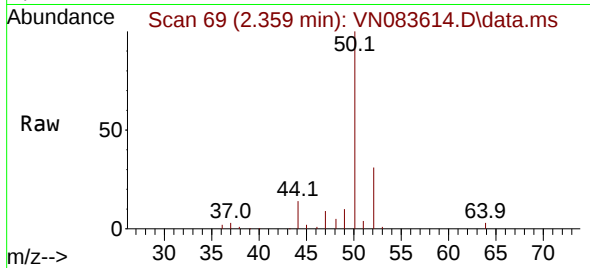
#3
Chloromethane
Concen: 45.657 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 108180
Ion Ratio Lower Upper
50 100
52 31.4 27.2 40.8

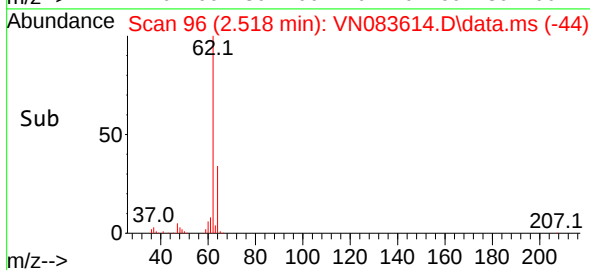
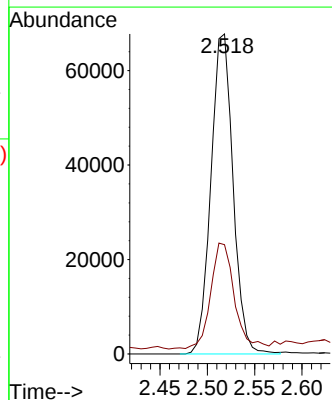
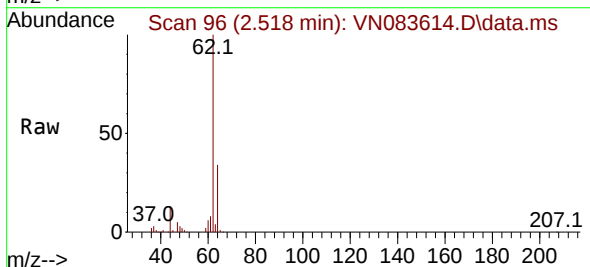
Manual Integrations
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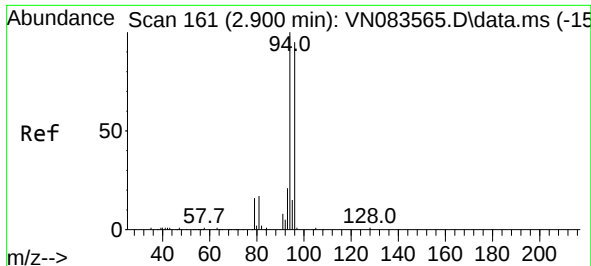
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#4
Vinyl Chloride
Concen: 46.474 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Tgt Ion: 62 Resp: 110210
Ion Ratio Lower Upper
62 100
64 32.2 24.7 37.1





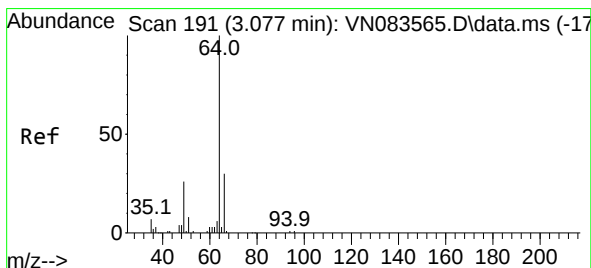
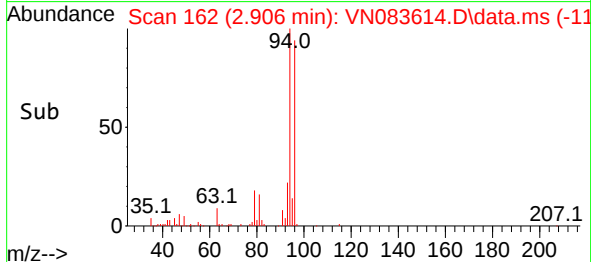
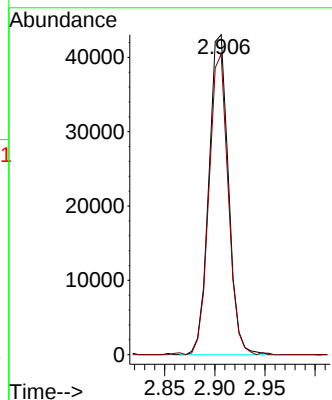
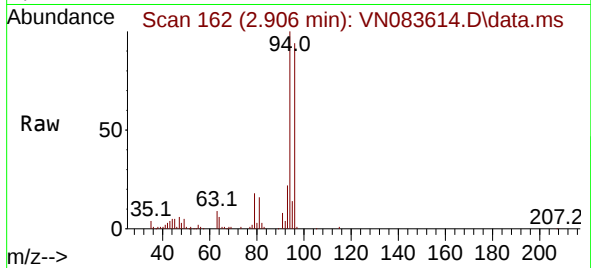
#5
Bromomethane
Concen: 46.724 ug/l
RT: 2.906 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 58249
Ion Ratio Lower Upper
94 100
96 93.9 76.0 114.0

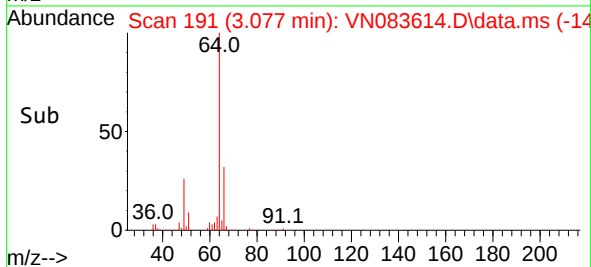
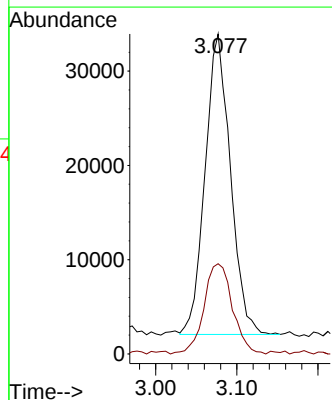
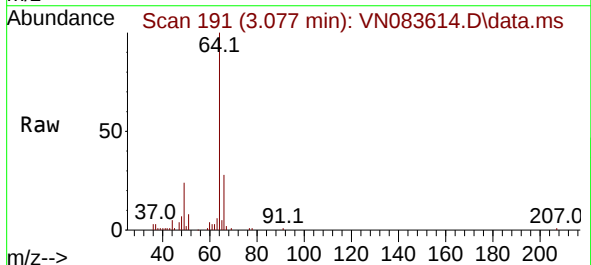
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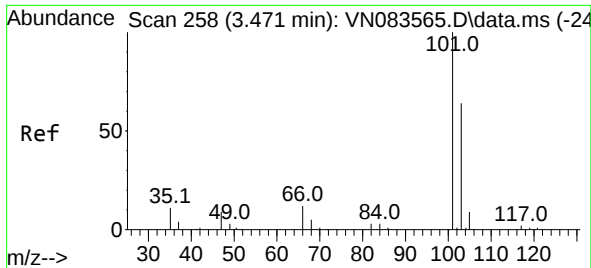
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#6
Chloroethane
Concen: 44.553 ug/l
RT: 3.077 min Scan# 191
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Tgt Ion: 64 Resp: 69042
Ion Ratio Lower Upper
64 100
66 29.5 23.9 35.9





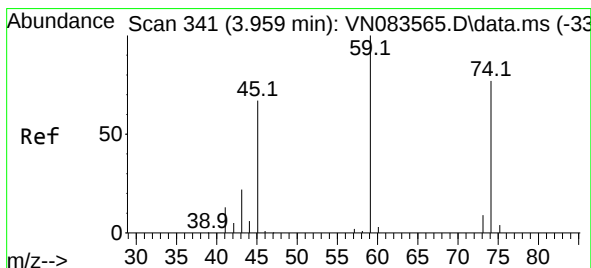
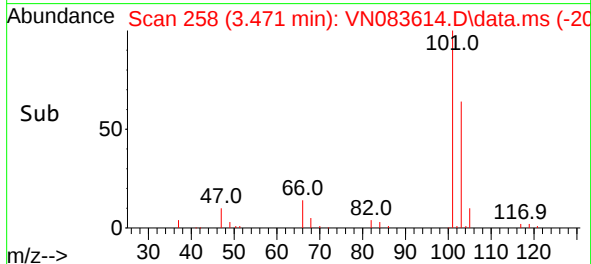
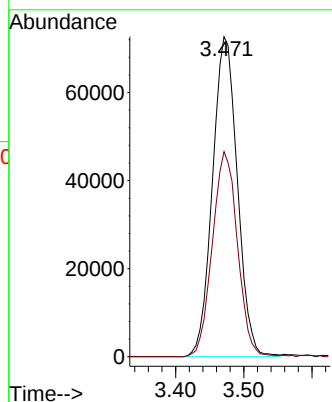
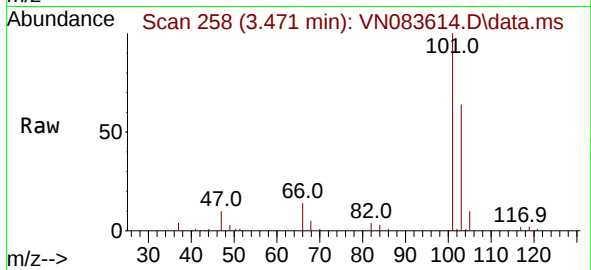
#7
 Trichlorofluoromethane
 Concen: 47.229 ug/l
 RT: 3.471 min Scan# 258
 Delta R.T. -0.000 min
 Lab File: VN083614.D
 Acq: 03 Sep 2024 09:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 18444
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.4 77.0

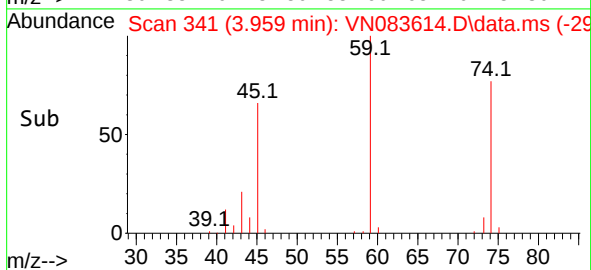
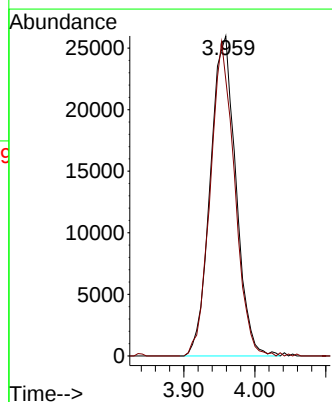
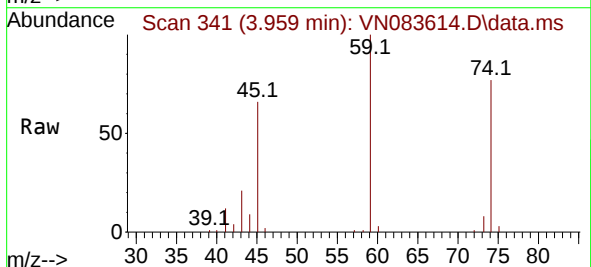
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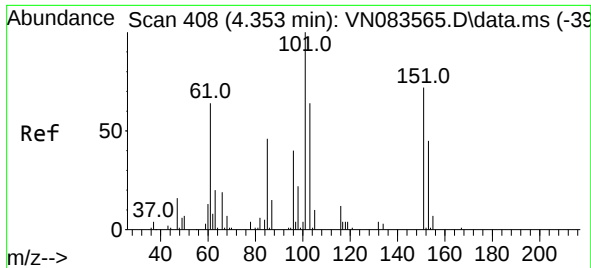
Reviewed By :John Carlone 09/04/2024
 Supervised By :Mahesh Dadoda 09/04/2024



#8
 Diethyl Ether
 Concen: 46.504 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN083614.D
 Acq: 03 Sep 2024 09:43

Tgt Ion: 74 Resp: 64923
 Ion Ratio Lower Upper
 74 100
 45 93.5 46.7 140.1





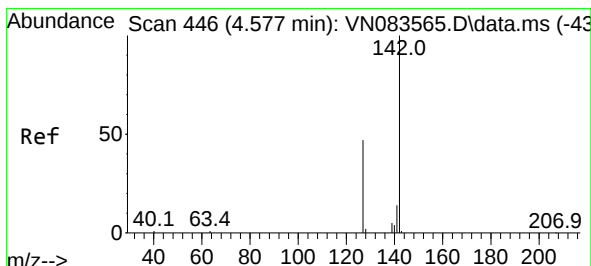
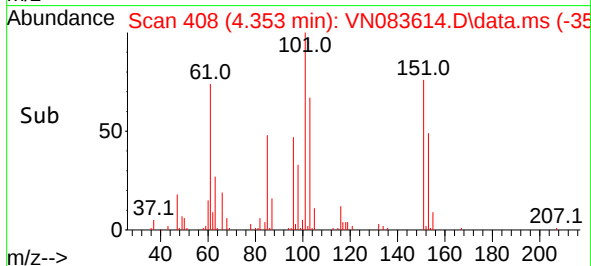
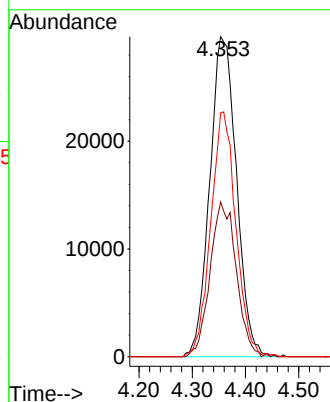
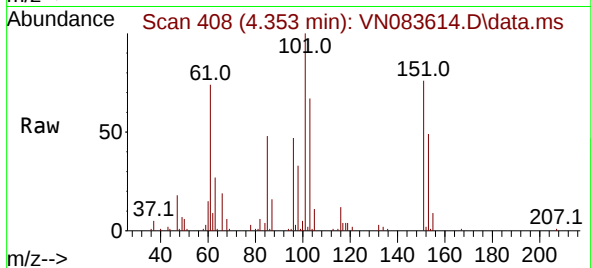
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.850 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 103460
Ion Ratio Lower Upper
101 100
85 47.3 36.2 54.4
151 72.0 57.7 86.5

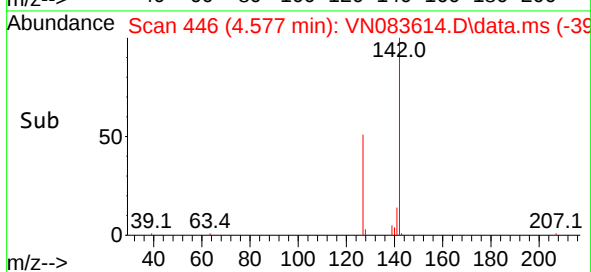
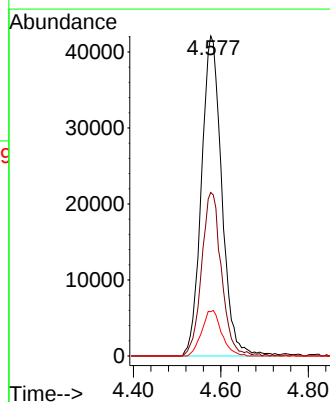
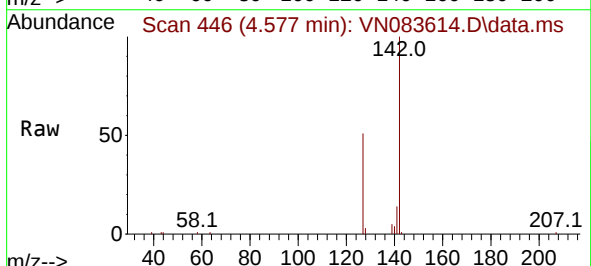
Manual Integrations
APPROVED

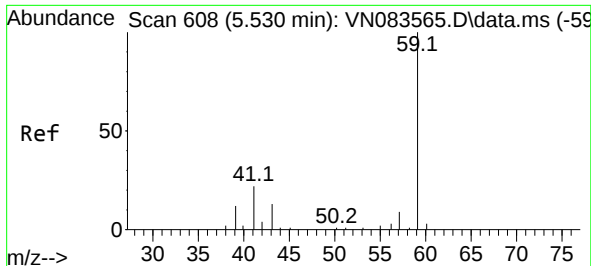
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#10
Methyl Iodide
Concen: 47.625 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

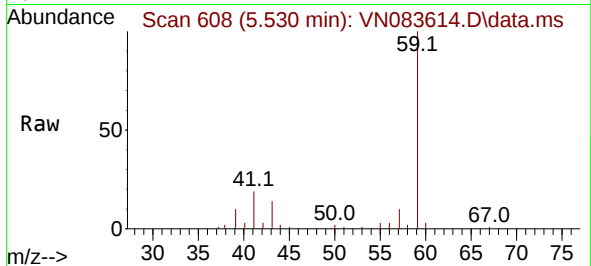
Tgt Ion:142 Resp: 136441
Ion Ratio Lower Upper
142 100
127 51.1 37.5 56.3
141 13.9 11.0 16.4





#11
Tert butyl alcohol
Concen: 220.792 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

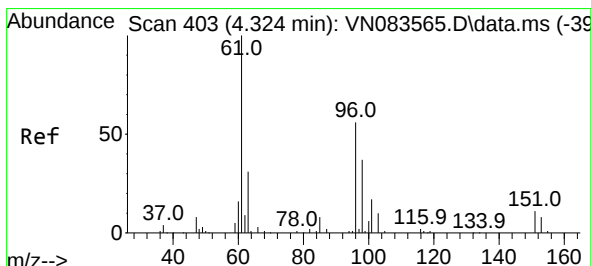
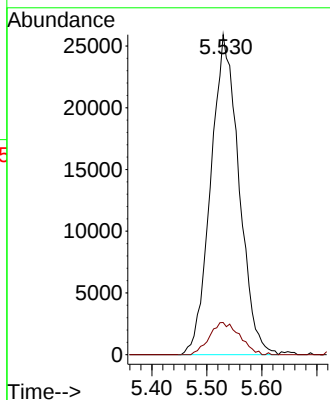
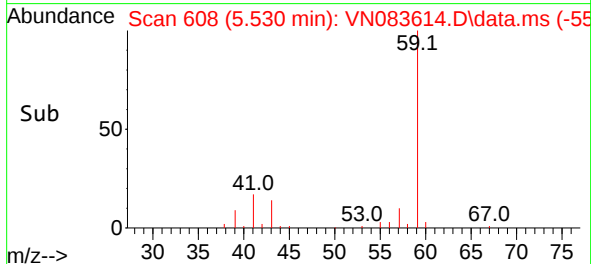
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



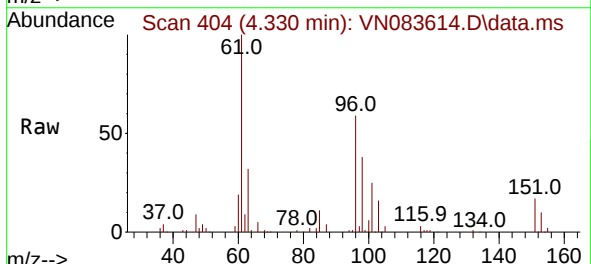
Tgt Ion: 59 Resp: 92472
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

Manual Integrations
APPROVED

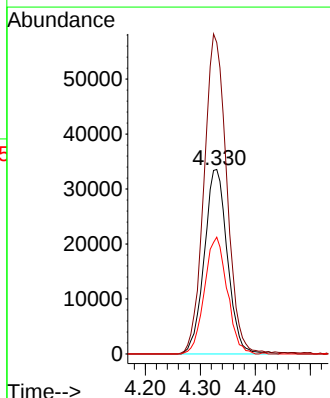
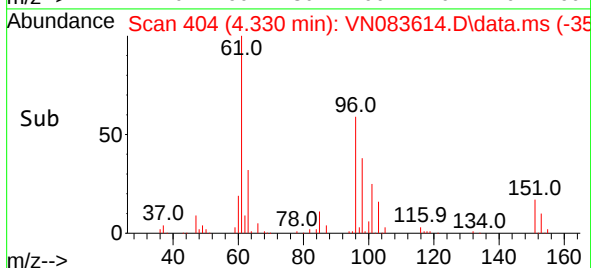
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024

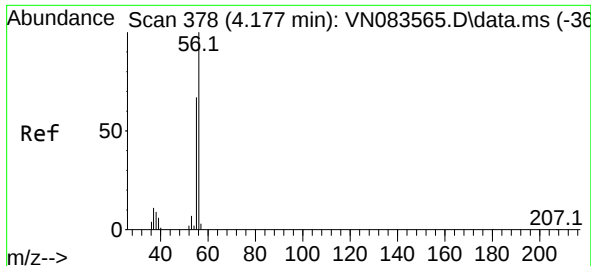


#12
1,1-Dichloroethene
Concen: 46.564 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.006 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43



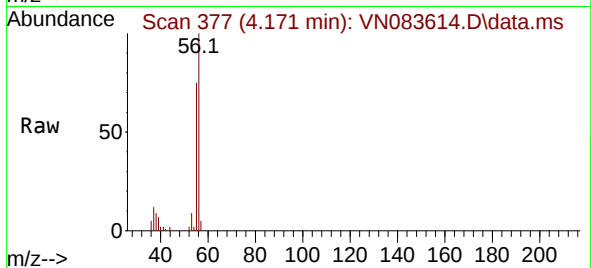
Tgt Ion: 96 Resp: 98044
Ion Ratio Lower Upper
96 100
61 168.7 143.4 215.0
98 63.3 52.7 79.1





#13
Acrolein
Concen: 177.710 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

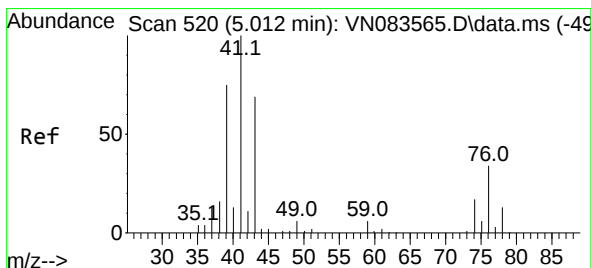
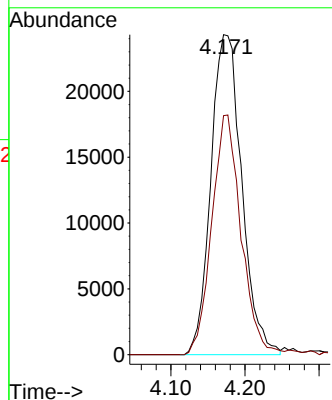
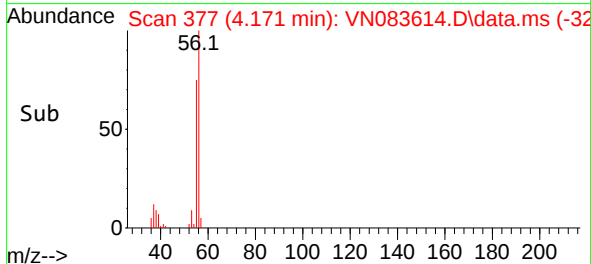
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



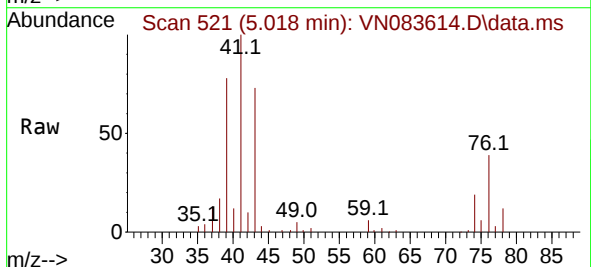
Tgt Ion: 56 Resp: 70415
Ion Ratio Lower Upper
56 100
55 70.8 58.2 87.2

Manual Integrations
APPROVED

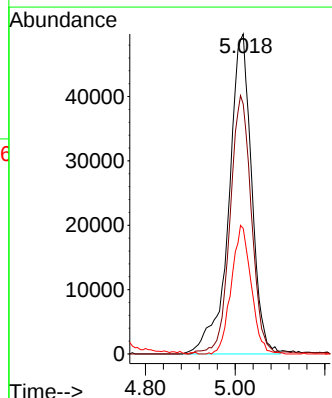
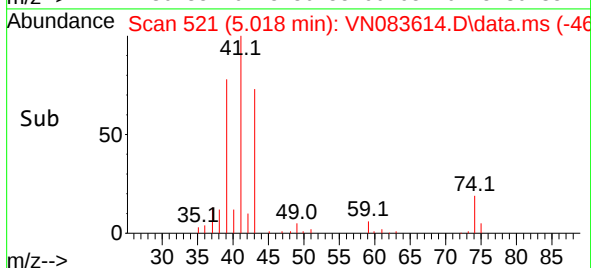
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024

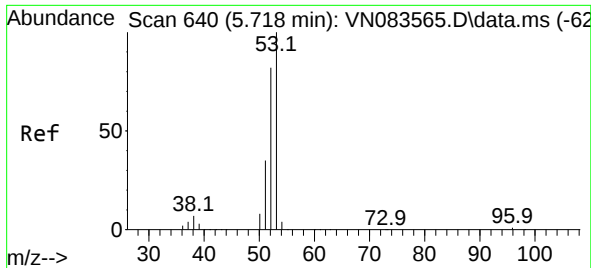


#14
Allyl chloride
Concen: 46.869 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43



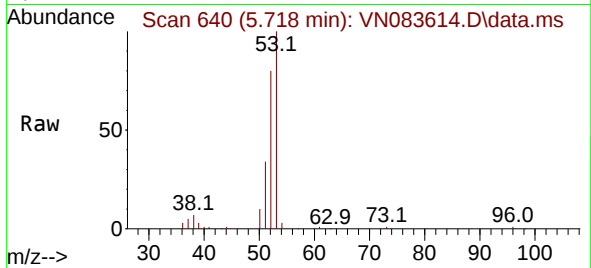
Tgt Ion: 41 Resp: 175950
Ion Ratio Lower Upper
41 100
39 75.8 59.3 88.9
76 35.0 27.7 41.5





#15
Acrylonitrile
Concen: 234.504 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

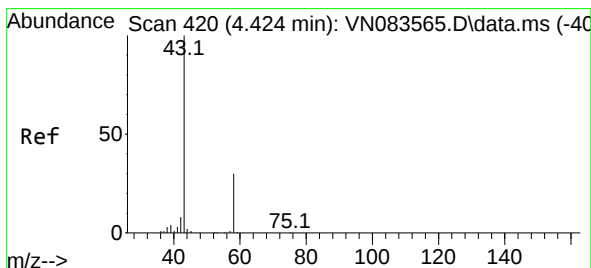
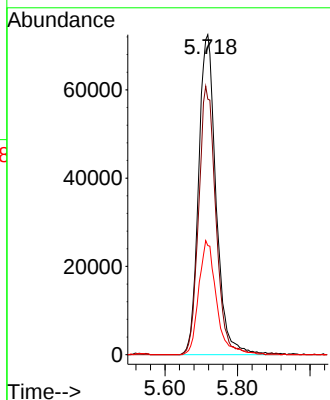
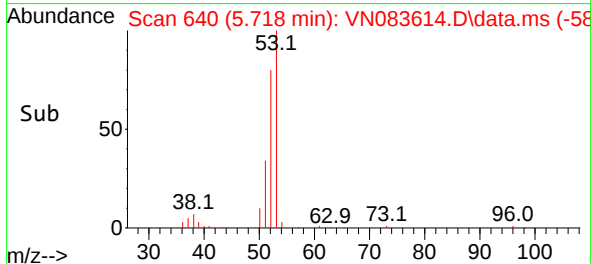
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 242212
Ion Ratio Lower Upper
53 100
52 82.5 66.1 99.1
51 36.2 29.6 44.4

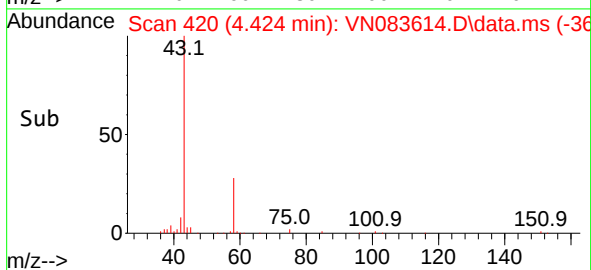
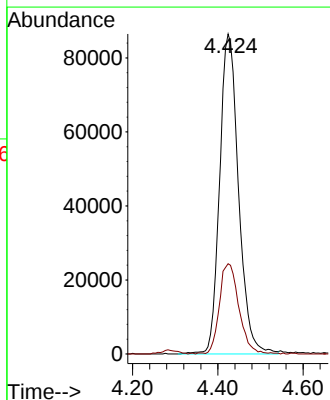
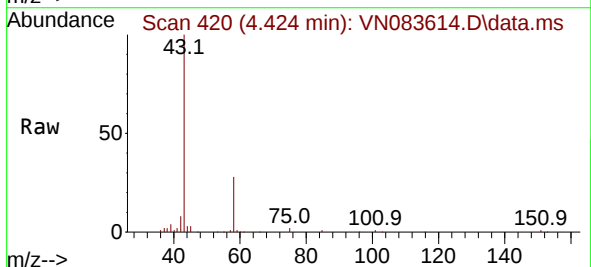
Manual Integrations
APPROVED

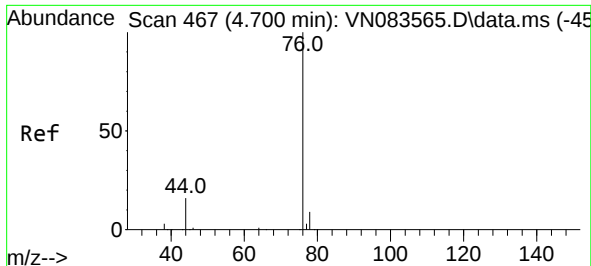
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#16
Acetone
Concen: 248.998 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

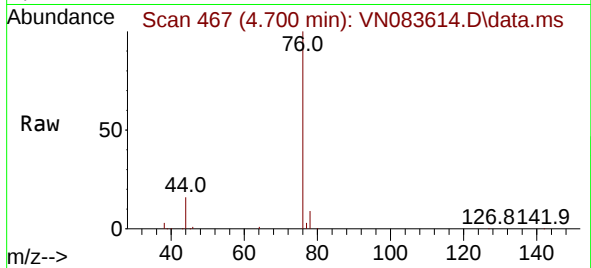
Tgt Ion: 43 Resp: 266723
Ion Ratio Lower Upper
43 100
58 28.0 23.7 35.5





#17
Carbon Disulfide
Concen: 43.257 ug/l
RT: 4.700 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

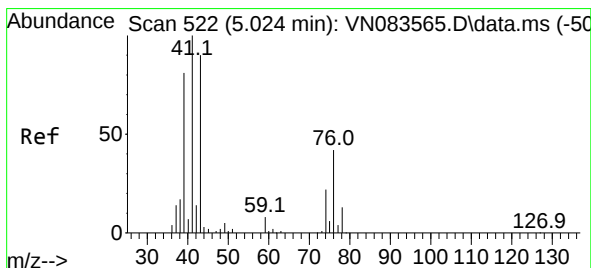
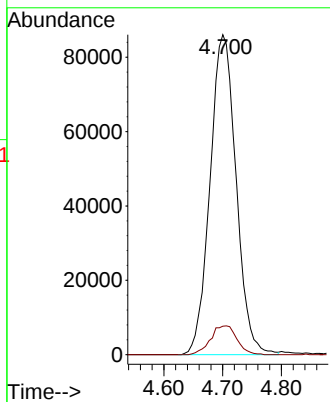
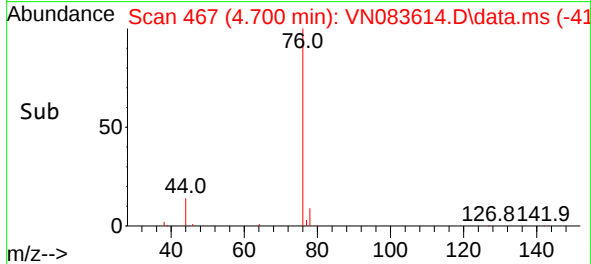
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



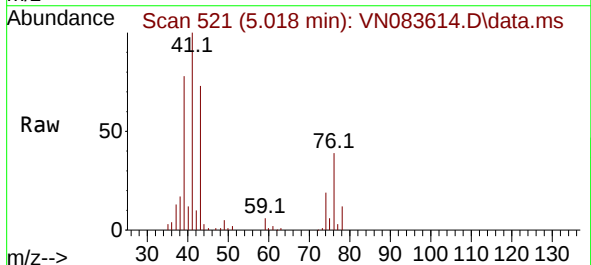
Tgt Ion: 76 Resp: 265418
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

Manual Integrations
APPROVED

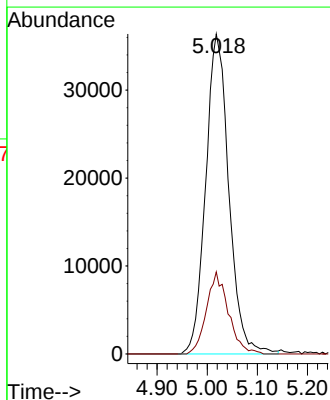
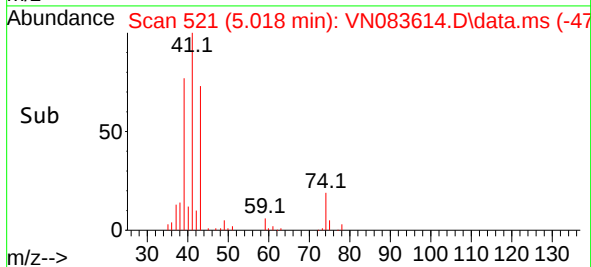
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024

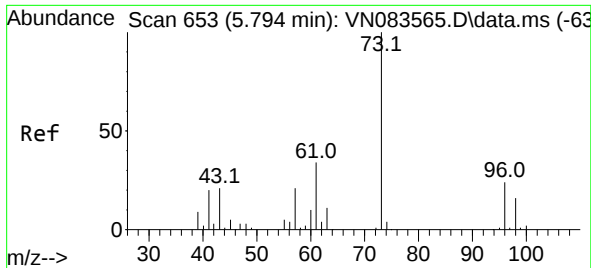


#18
Methyl Acetate
Concen: 41.023 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43



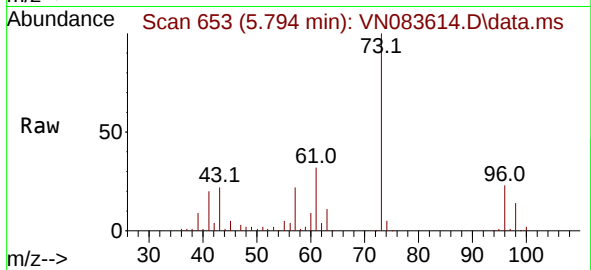
Tgt Ion: 43 Resp: 116864
Ion Ratio Lower Upper
43 100
74 24.2 19.0 28.4





#19
Methyl tert-butyl Ether
Concen: 47.929 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

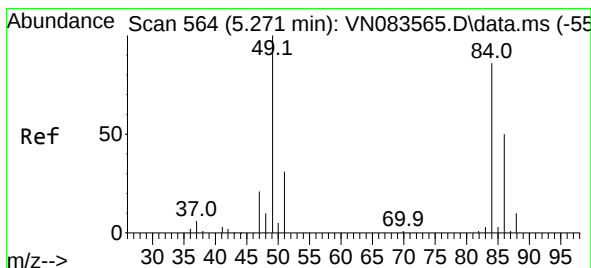
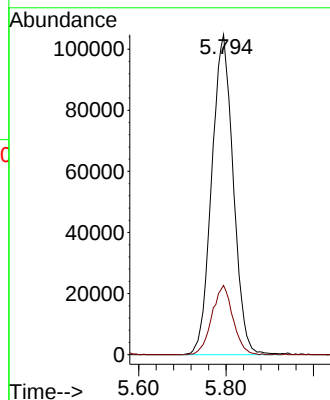
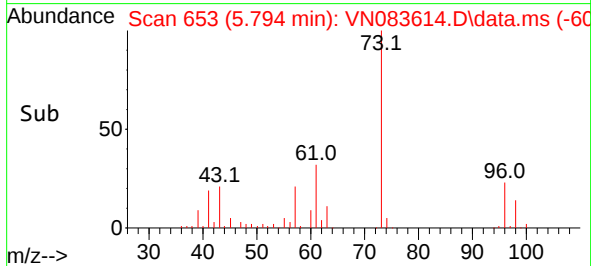
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



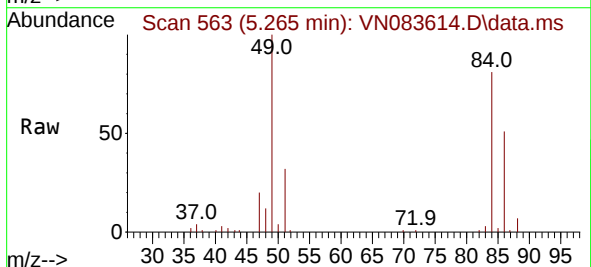
Tgt Ion: 73 Resp: 357974
Ion Ratio Lower Upper
73 100
57 21.7 17.0 25.6

Manual Integrations
APPROVED

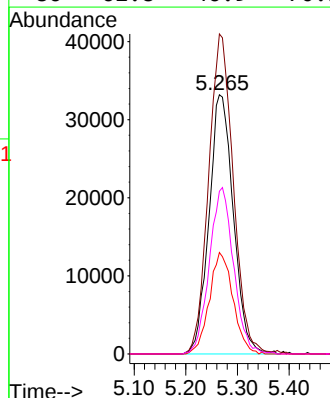
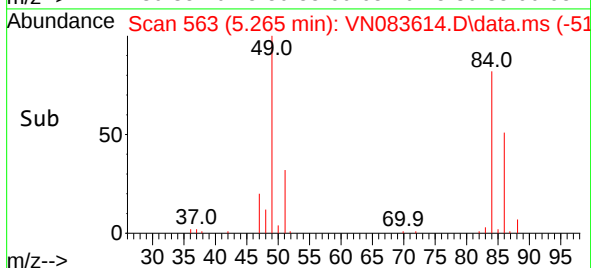
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024

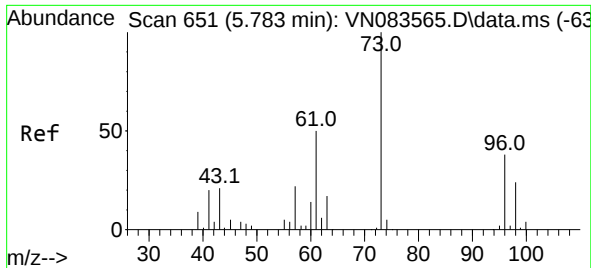


#20
Methylene Chloride
Concen: 45.993 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43



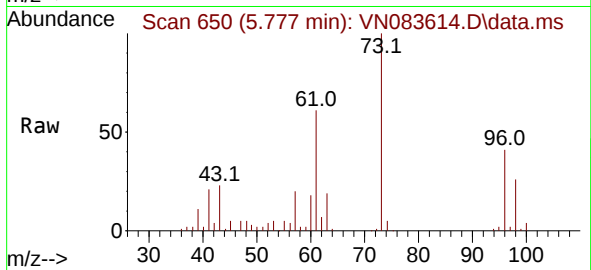
Tgt Ion: 84 Resp: 108796
Ion Ratio Lower Upper
84 100
49 123.5 93.4 140.0
51 39.2 29.2 43.8
86 62.8 46.9 70.3





#21
trans-1,2-Dichloroethene
Concen: 45.762 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

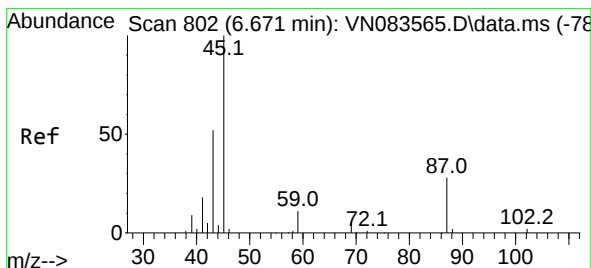
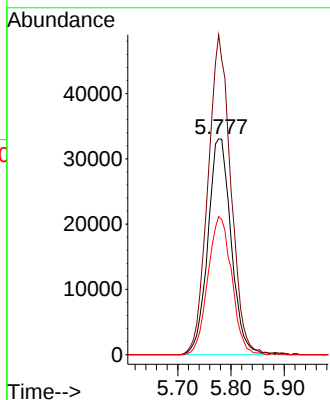
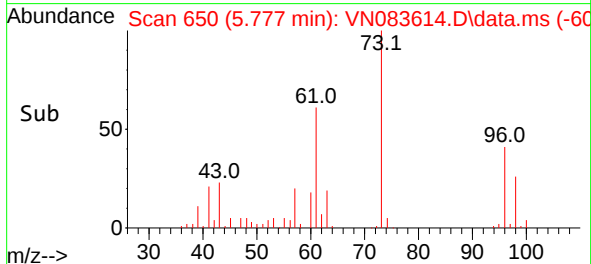
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



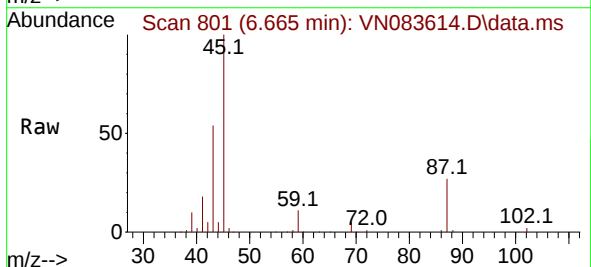
Tgt Ion: 96 Resp: 100368
Ion Ratio Lower Upper
96 100
61 148.2 106.0 159.0
98 63.9 52.2 78.2

Manual Integrations
APPROVED

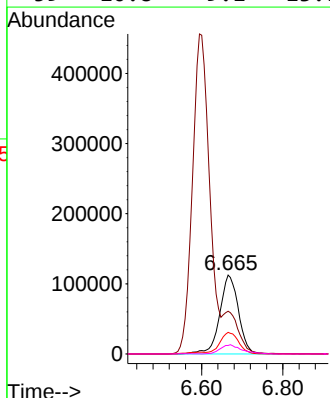
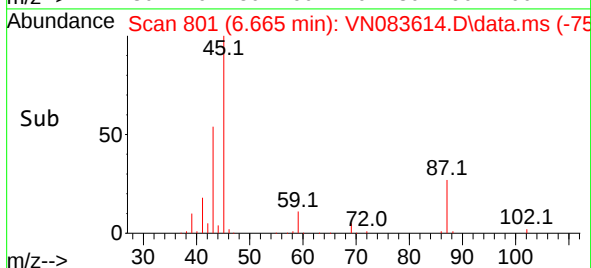
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024

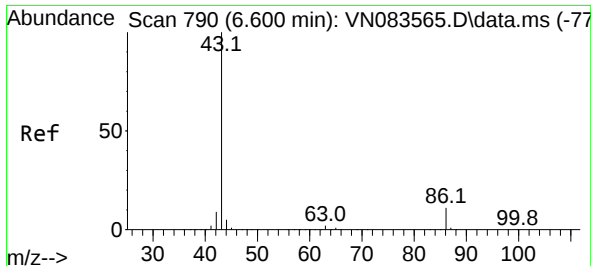


#22
Diisopropyl ether
Concen: 48.670 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43



Tgt Ion: 45 Resp: 360275
Ion Ratio Lower Upper
45 100
43 53.5 43.4 65.0
87 27.3 22.6 33.8
59 10.8 9.1 13.7





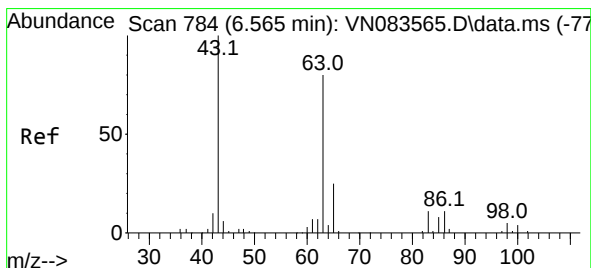
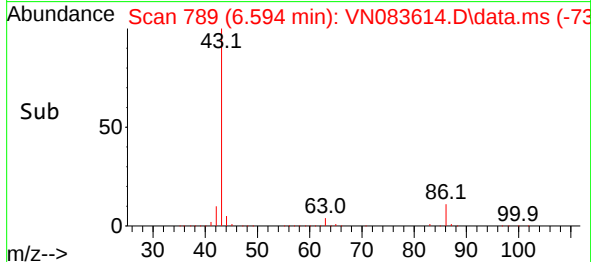
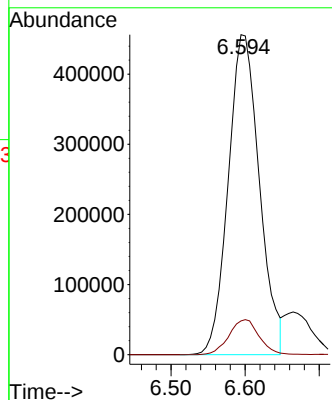
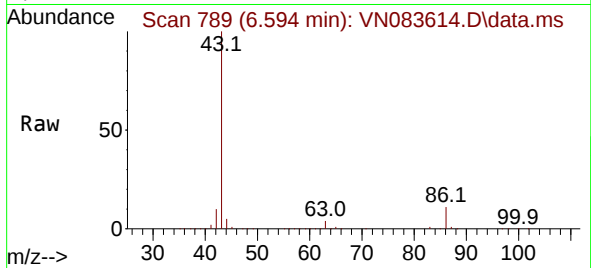
#23
 Vinyl Acetate
 Concen: 243.075 ug/l
 RT: 6.594 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN083614.D
 Acq: 03 Sep 2024 09:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1333449
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.7 13.1

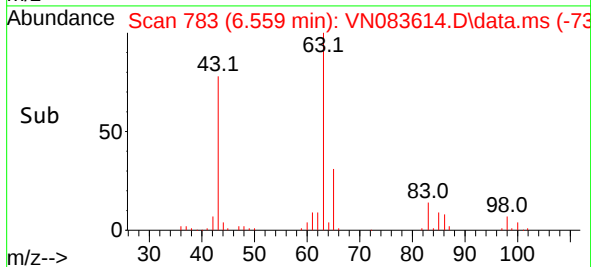
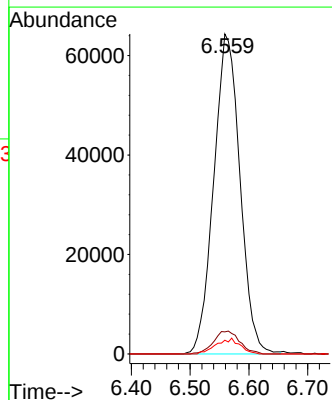
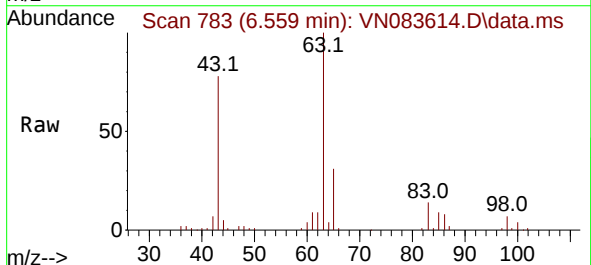
Manual Integrations
 APPROVED

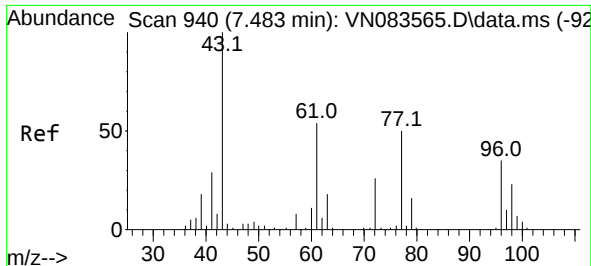
Reviewed By :John Carlone 09/04/2024
 Supervised By :Mahesh Dadoda 09/04/2024



#24
 1,1-Dichloroethane
 Concen: 47.210 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN083614.D
 Acq: 03 Sep 2024 09:43

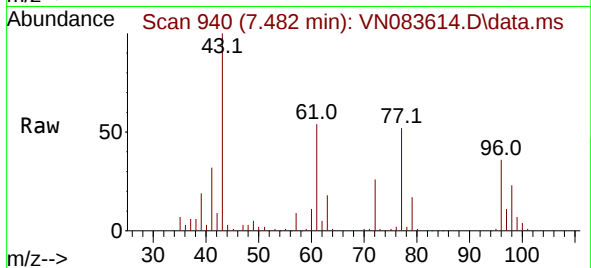
Tgt Ion: 63 Resp: 199290
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.3 2.5 7.5





#25
2-Butanone
Concen: 238.095 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

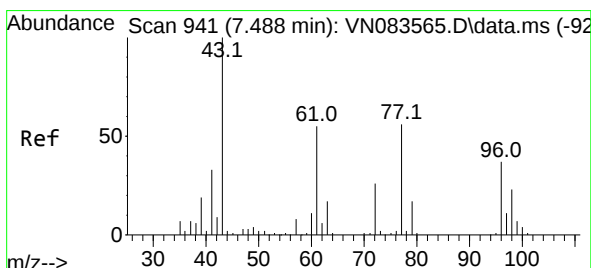
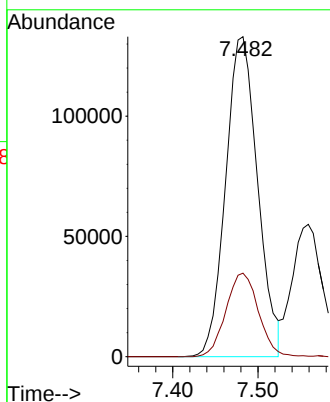
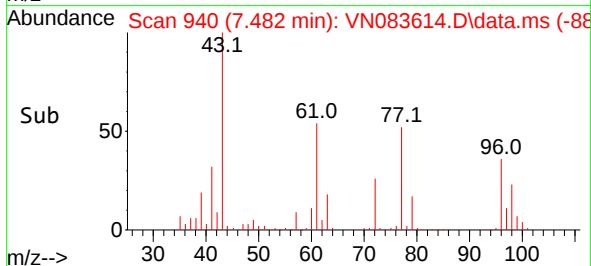
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



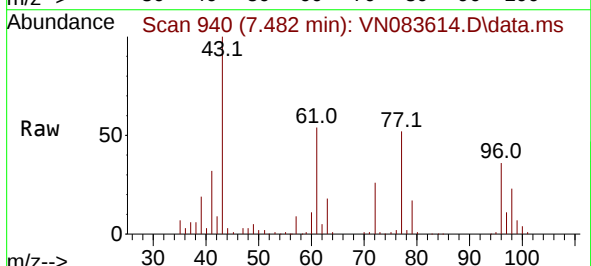
Tgt Ion: 43 Resp: 347250
Ion Ratio Lower Upper
43 100
72 26.1 20.8 31.2

Manual Integrations
APPROVED

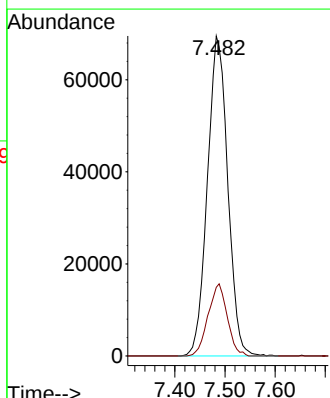
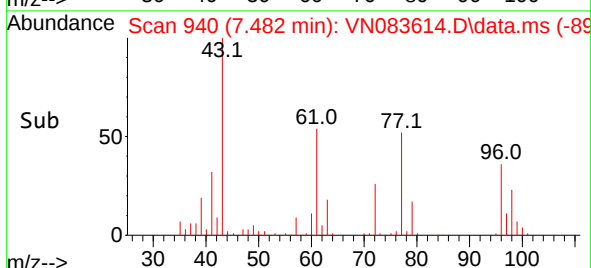
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024

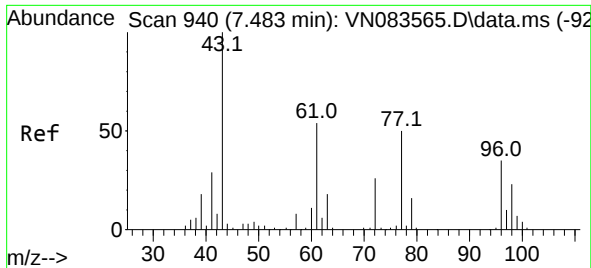


#26
2,2-Dichloropropane
Concen: 49.819 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43



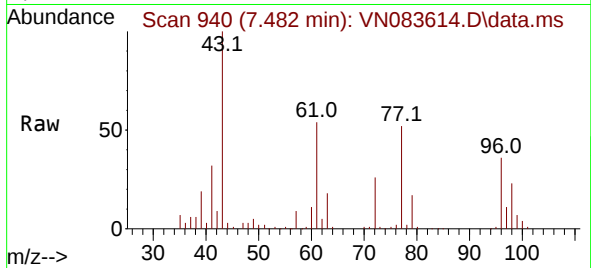
Tgt Ion: 77 Resp: 195801
Ion Ratio Lower Upper
77 100
97 21.2 10.2 30.4





#27
 cis-1,2-Dichloroethene
 Concen: 47.778 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN083614.D
 Acq: 03 Sep 2024 09:43

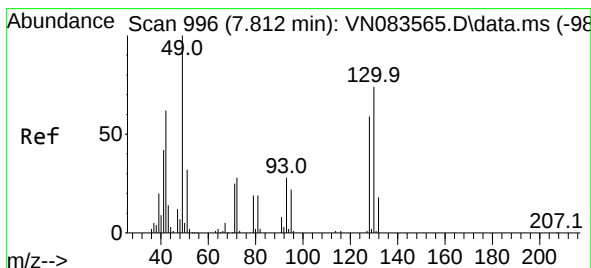
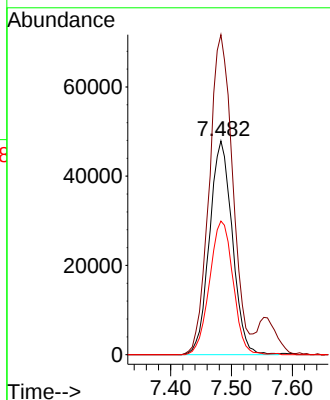
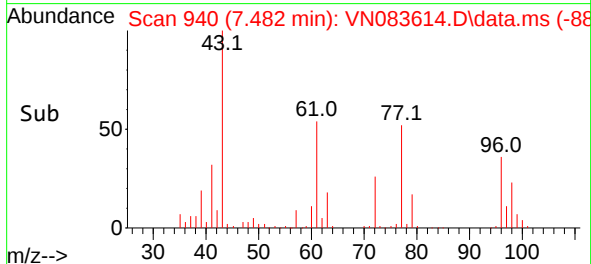
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



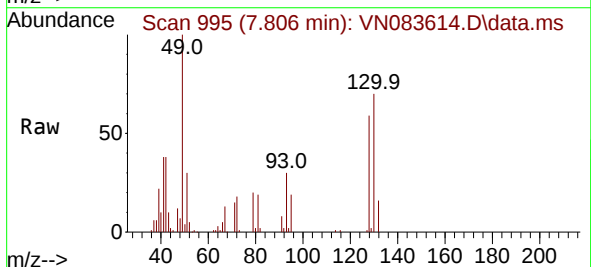
Tgt Ion: 96 Resp: 125044
 Ion Ratio Lower Upper
 96 100
 61 153.1 0.0 306.2
 98 64.1 0.0 128.6

Manual Integrations
 APPROVED

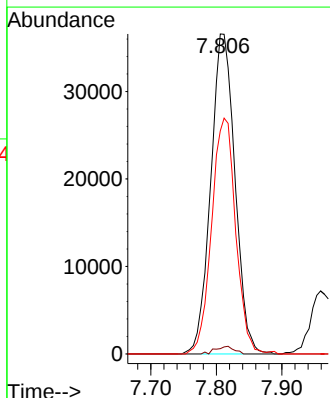
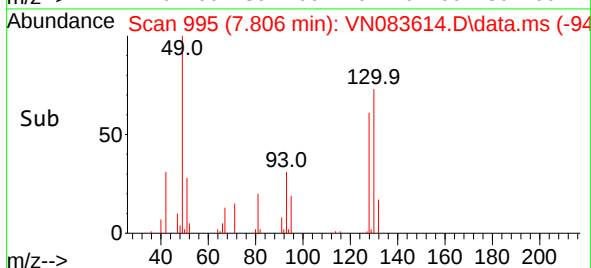
Reviewed By :John Carlone 09/04/2024
 Supervised By :Mahesh Dadoda 09/04/2024

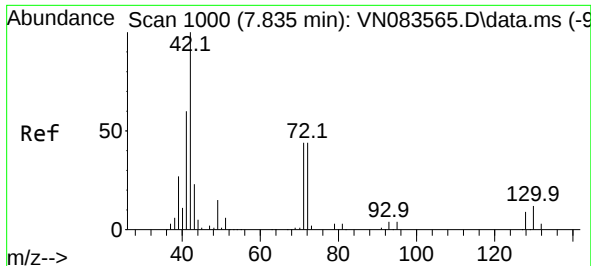


#28
 Bromochloromethane
 Concen: 47.641 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN083614.D
 Acq: 03 Sep 2024 09:43



Tgt Ion: 49 Resp: 93912
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 73.2 60.2 90.2





#29

Tetrahydrofuran

Concen: 229.108 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN083614.D

Acq: 03 Sep 2024 09:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 20726

Ion Ratio Lower Upper

42 100

72 44.9 35.9 53.9

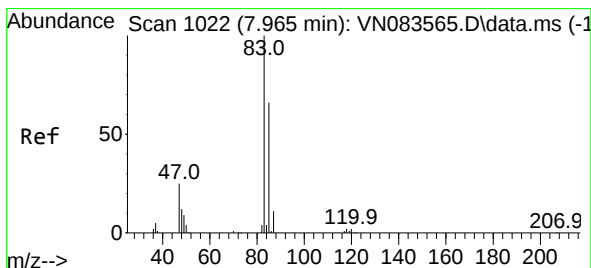
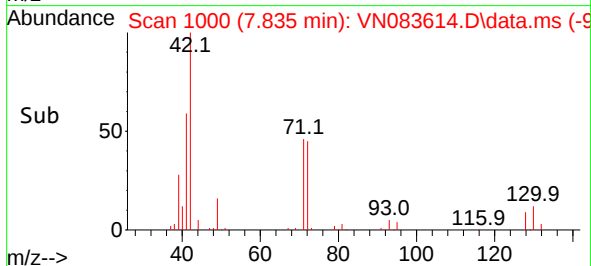
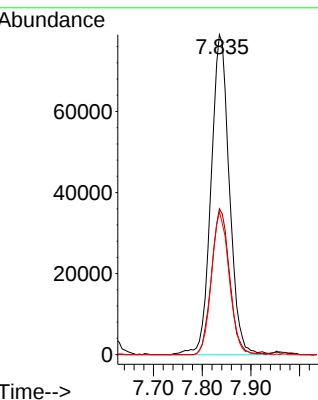
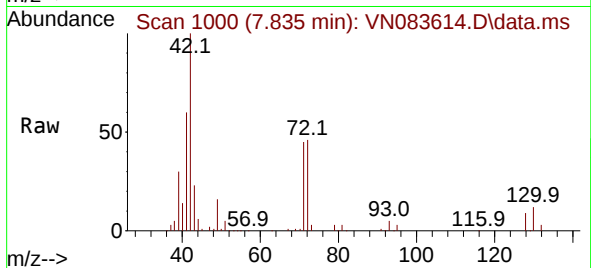
71 43.1 33.9 50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/04/2024

Supervised By :Mahesh Dadoda 09/04/2024



#30

Chloroform

Concen: 47.991 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN083614.D

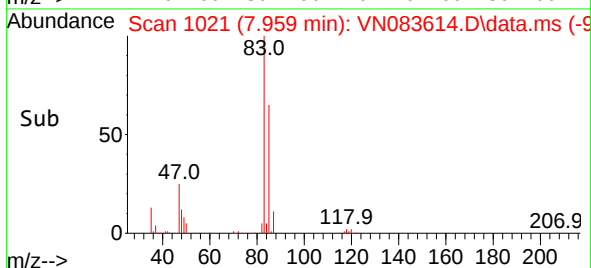
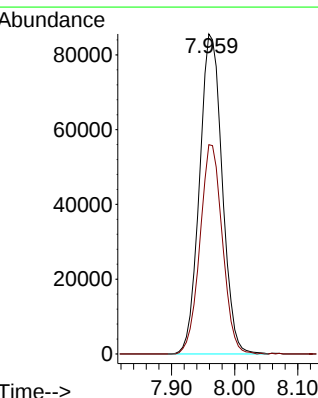
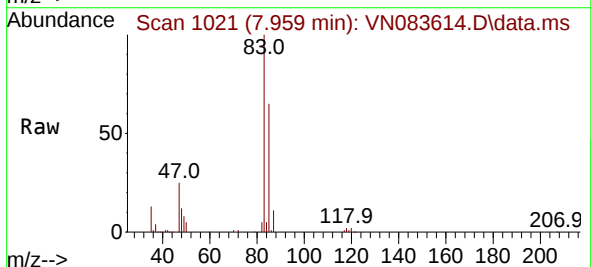
Acq: 03 Sep 2024 09:43

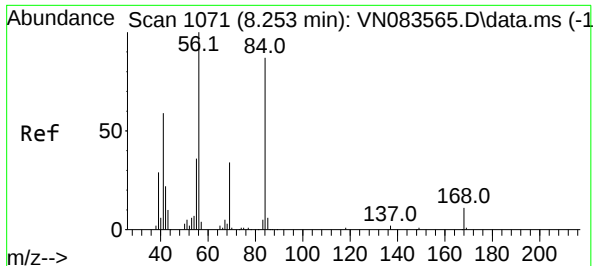
Tgt Ion: 83 Resp: 213440

Ion Ratio Lower Upper

83 100

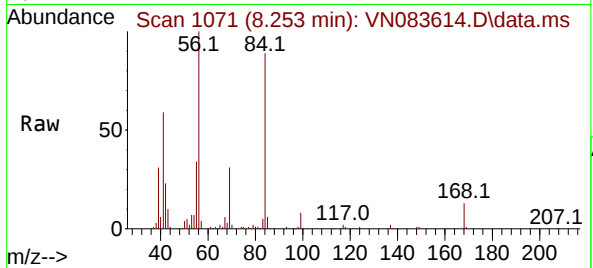
85 65.4 52.8 79.2





#31
Cyclohexane
Concen: 43.175 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

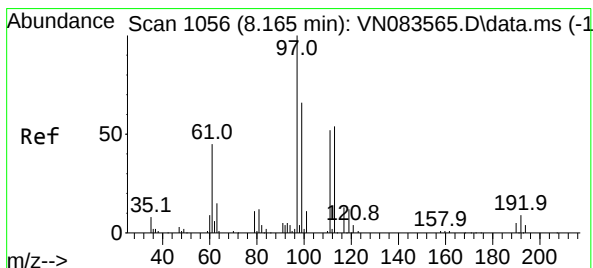
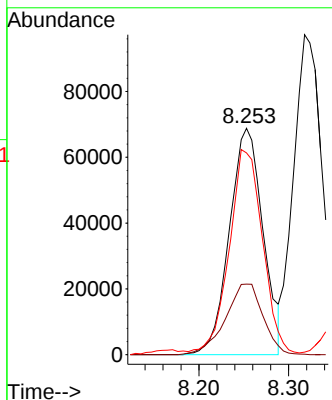
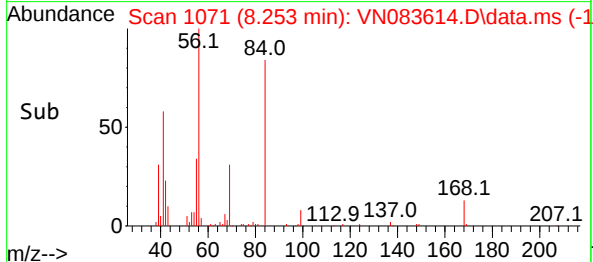
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 179390
Ion Ratio Lower Upper
56 100
69 31.2 26.9 40.3
84 87.7 69.2 103.8

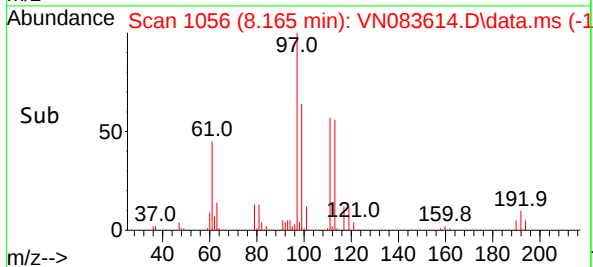
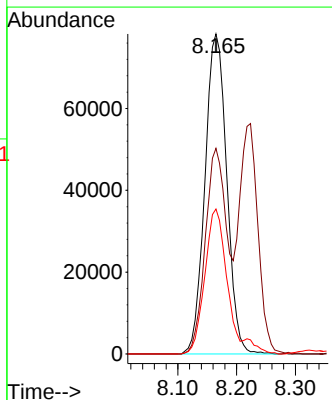
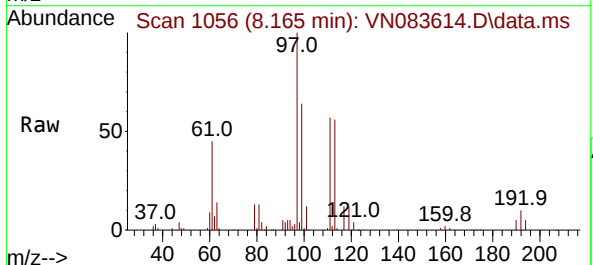
Manual Integrations
APPROVED

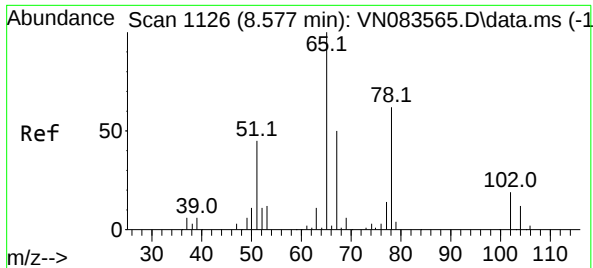
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#32
1,1,1-Trichloroethane
Concen: 50.087 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Tgt Ion: 97 Resp: 201431
Ion Ratio Lower Upper
97 100
99 64.4 52.3 78.5
61 45.2 38.2 57.2





#33
1,2-Dichloroethane-d4
Concen: 52.331 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Instrument :

MSVOA_N

ClientSampleId :

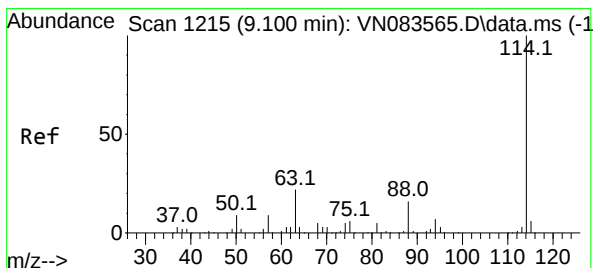
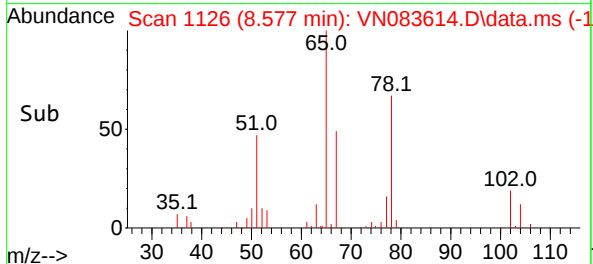
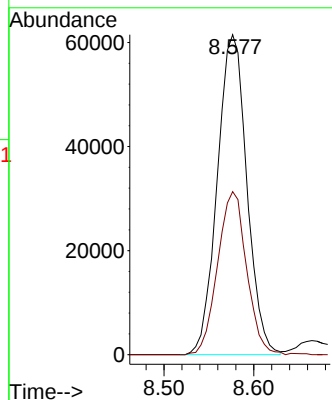
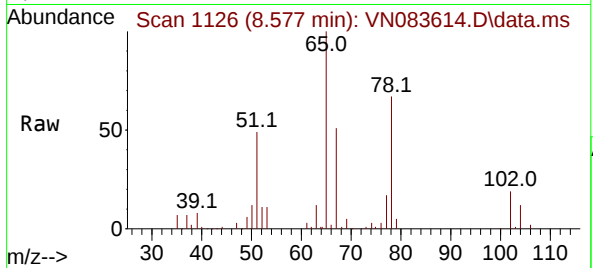
VSTDCCC050

Tgt Ion: 65 Resp: 140569
Ion Ratio Lower Upper
65 100
67 49.8 0.0 100.8

Manual Integrations

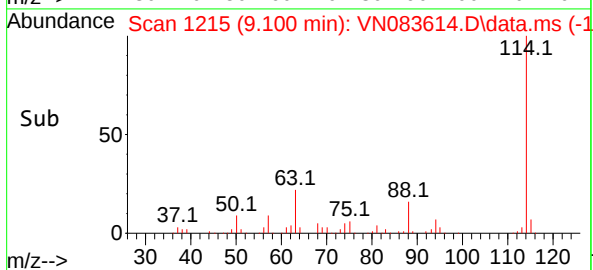
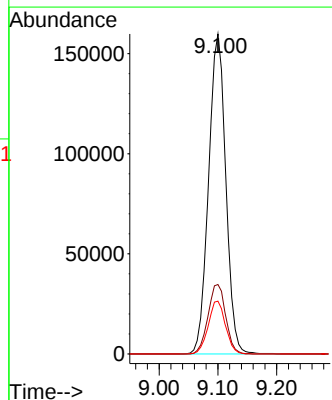
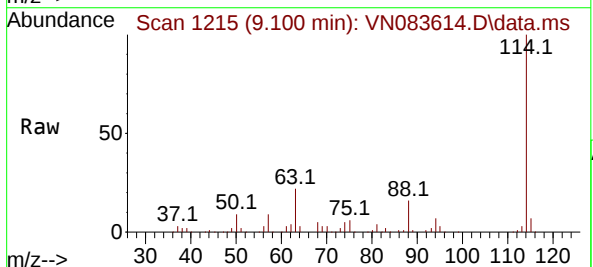
APPROVED

Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Tgt Ion:114 Resp: 324833
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.4
88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.468 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083614.D

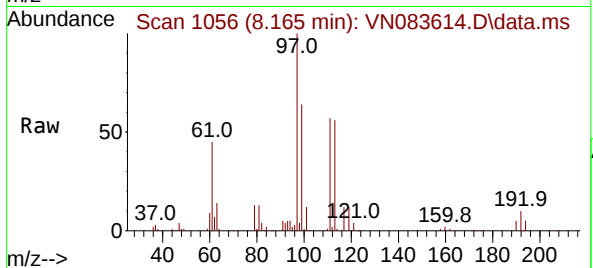
Acq: 03 Sep 2024 09:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



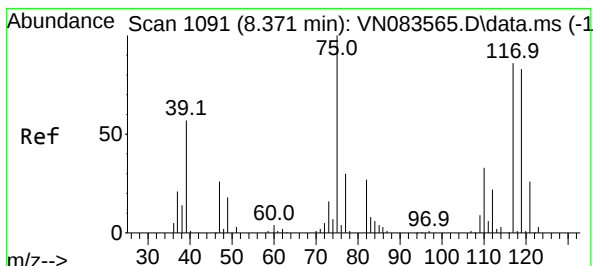
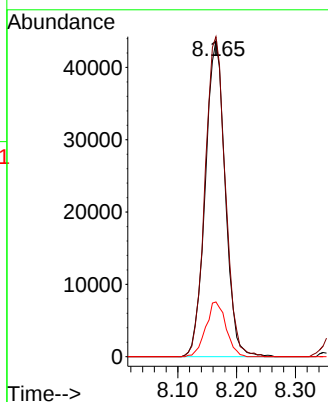
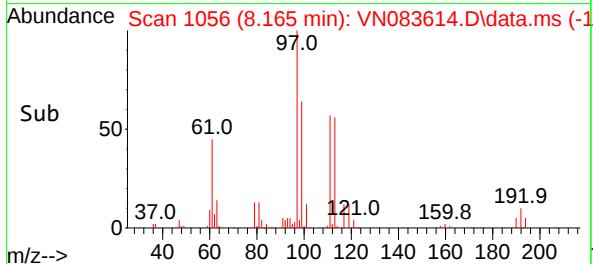
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	124.0
192	17.6	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/04/2024

Supervised By :Mahesh Dadoda 09/04/2024



#36

1,1-Dichloropropene

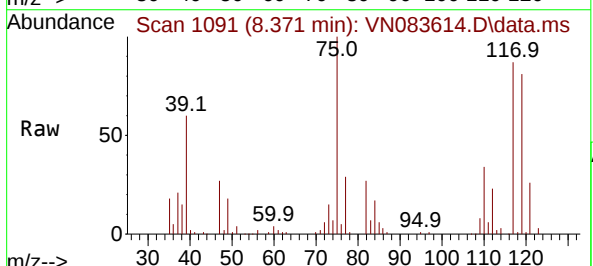
Concen: 49.593 ug/l

RT: 8.371 min Scan# 1091

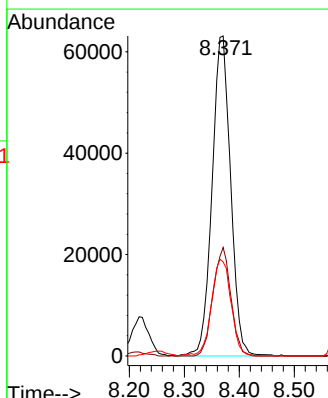
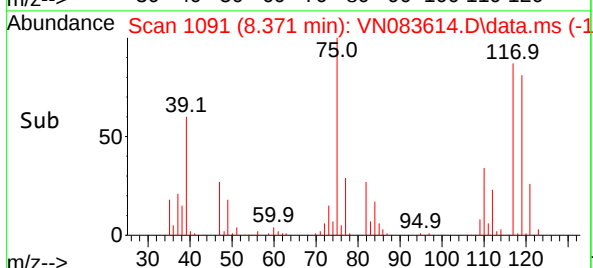
Delta R.T. -0.000 min

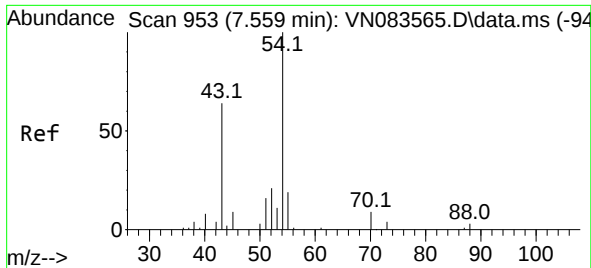
Lab File: VN083614.D

Acq: 03 Sep 2024 09:43



Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.7	16.7	50.1
77	31.6	25.2	37.8





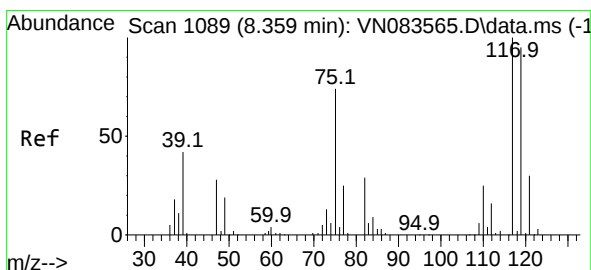
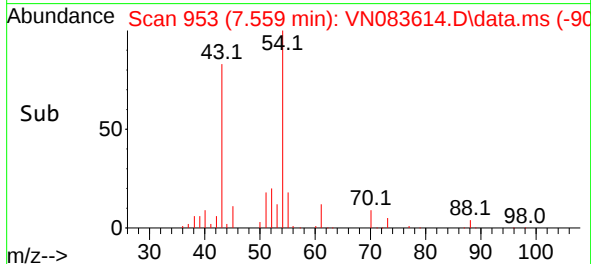
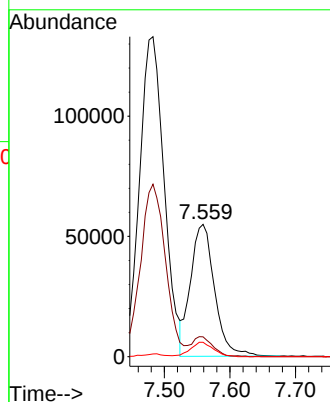
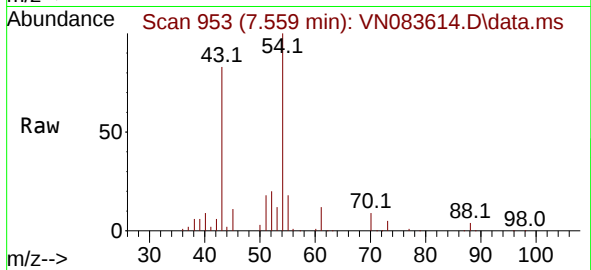
#37
Ethyl Acetate
Concen: 47.279 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 140319
Ion Ratio Lower Upper
43 100
61 12.0 11.1 16.7
70 10.4 8.8 13.2

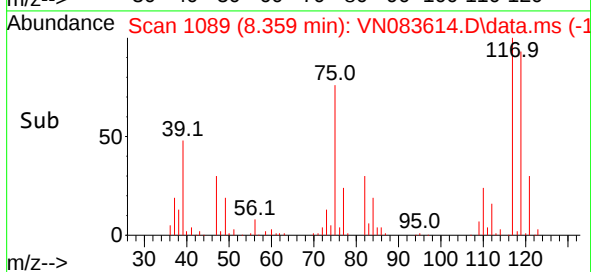
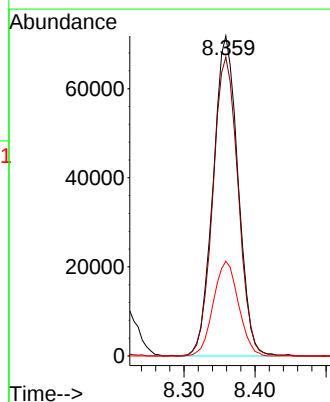
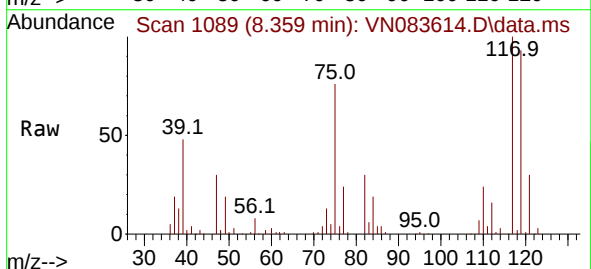
Manual Integrations
APPROVED

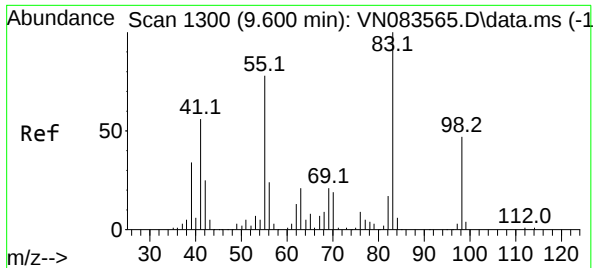
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#38
Carbon Tetrachloride
Concen: 51.254 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Tgt Ion:117 Resp: 174391
Ion Ratio Lower Upper
117 100
119 93.3 76.1 114.1
121 29.6 24.1 36.1





#39
Methylcyclohexane
Concen: 51.068 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Instrument :

MSVOA_N

ClientSampleId :

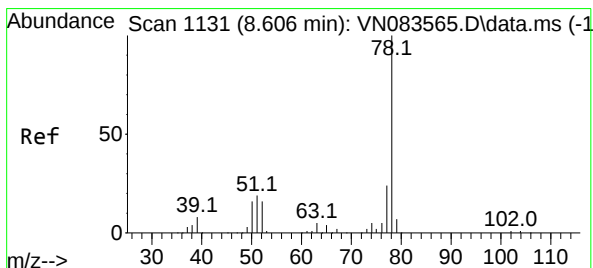
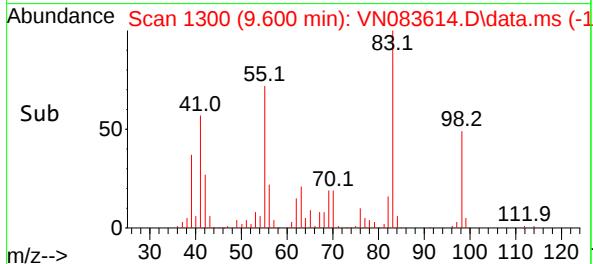
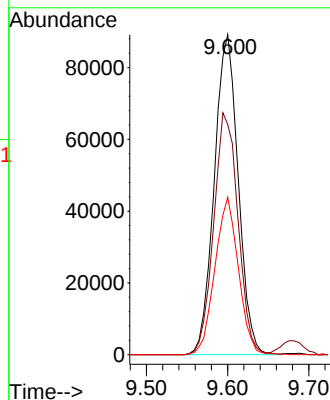
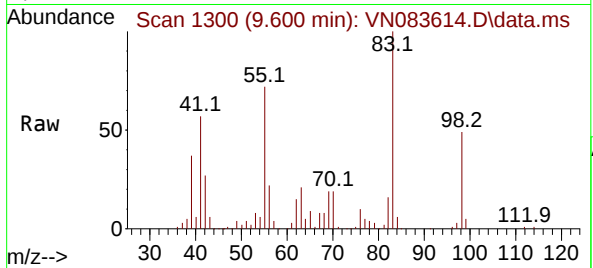
VSTDCCC050

Tgt Ion: 83 Resp: 182745
Ion Ratio Lower Upper
83 100
55 71.9 62.2 93.4
98 49.1 37.6 56.4

Manual Integrations

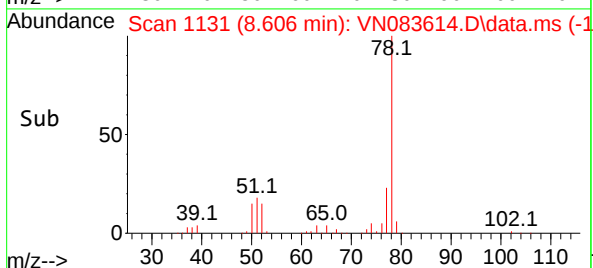
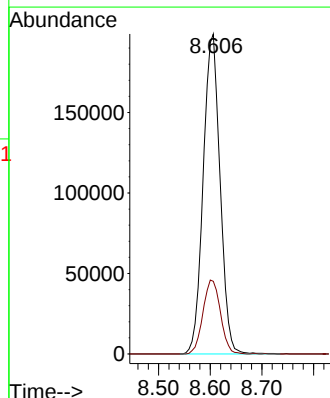
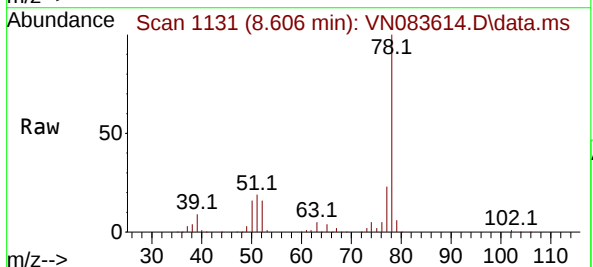
APPROVED

Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#40
Benzene
Concen: 49.088 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

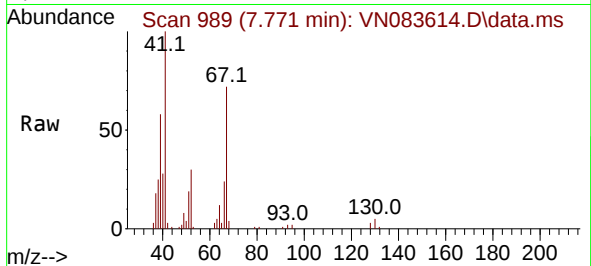
Tgt Ion: 78 Resp: 450315
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.6





#41
Methacrylonitrile
Concen: 44.400 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

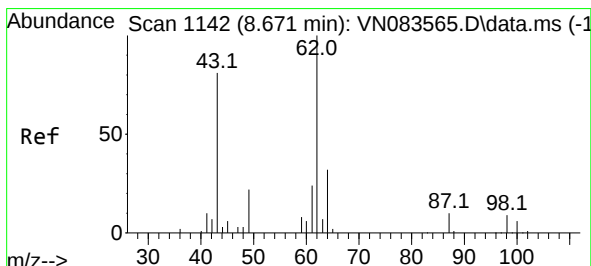
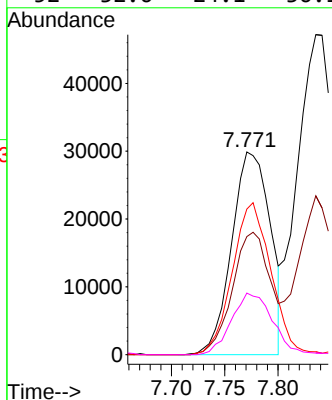
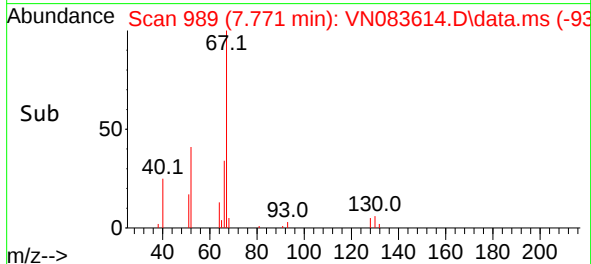
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 75198
Ion Ratio Lower Upper
41 100
39 58.8 45.4 68.2
67 75.6 55.9 83.9
52 32.6 24.1 36.1

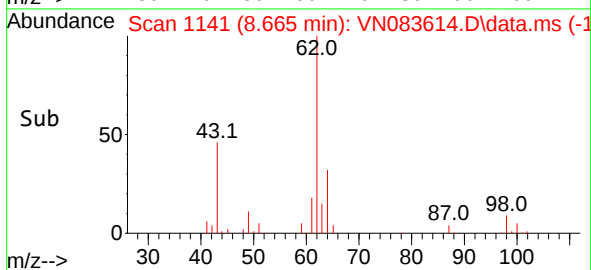
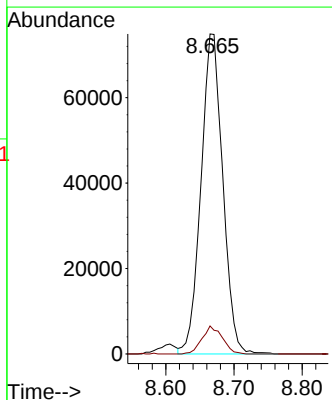
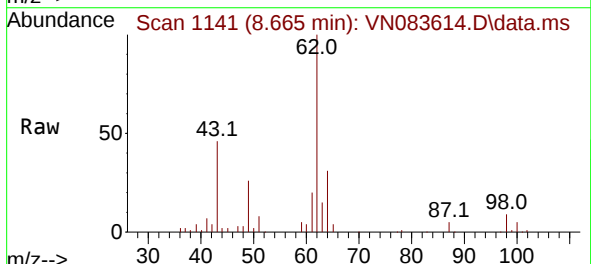
Manual Integrations
APPROVED

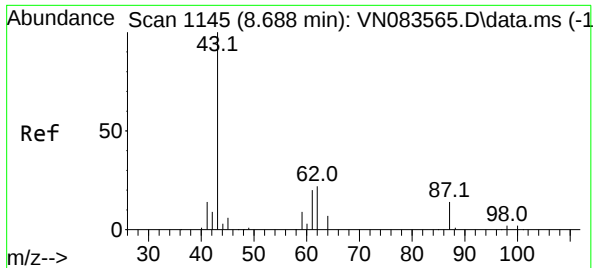
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#42
1,2-Dichloroethane
Concen: 48.962 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Tgt Ion: 62 Resp: 166495
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.6





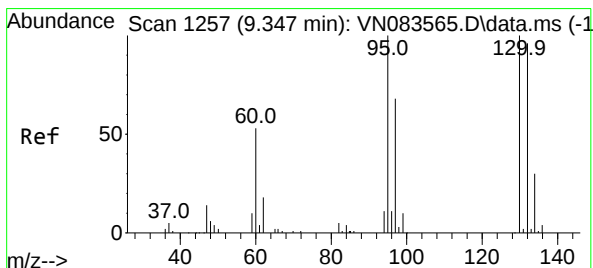
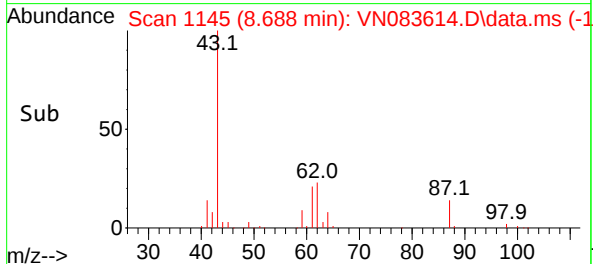
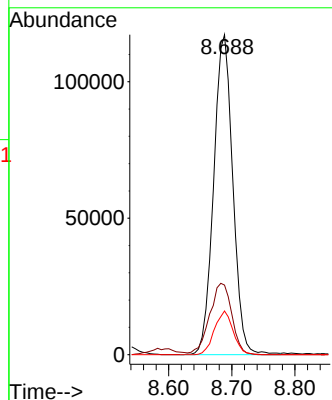
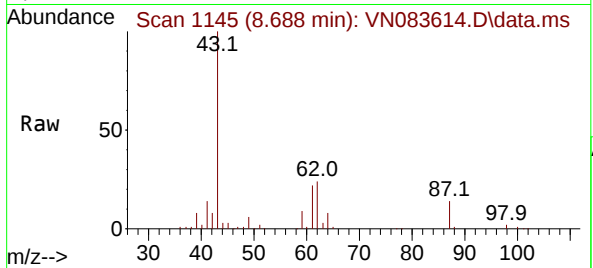
#43
Isopropyl Acetate
Concen: 41.280 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 247078
Ion Ratio Lower Upper
43 100
61 25.8 19.4 29.0
87 13.3 9.8 14.6

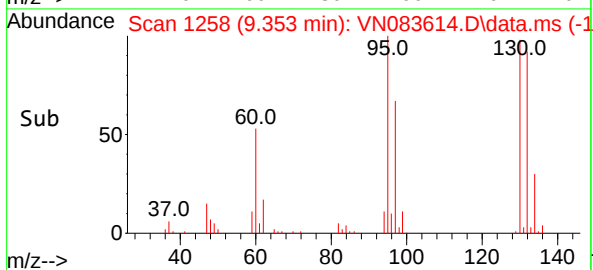
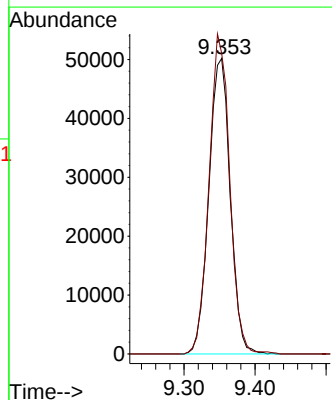
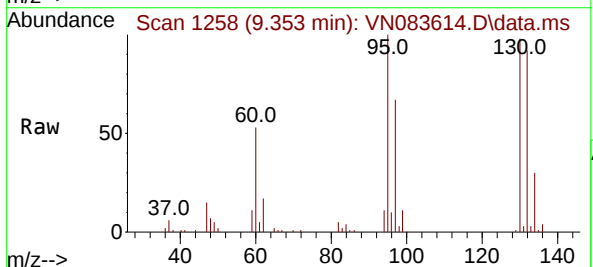
Manual Integrations
APPROVED

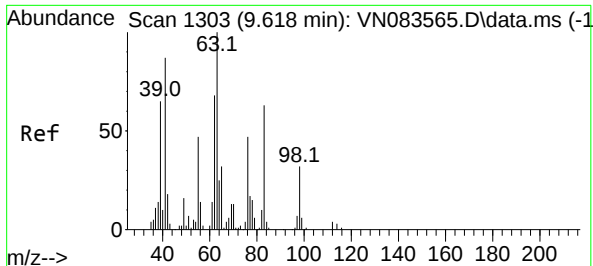
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#44
Trichloroethene
Concen: 47.586 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Tgt Ion:130 Resp: 105013
Ion Ratio Lower Upper
130 100
95 101.8 0.0 200.4





#45

1,2-Dichloropropane

Concen: 50.598 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN083614.D

Acq: 03 Sep 2024 09:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 108128

Ion Ratio Lower Upper

63 100

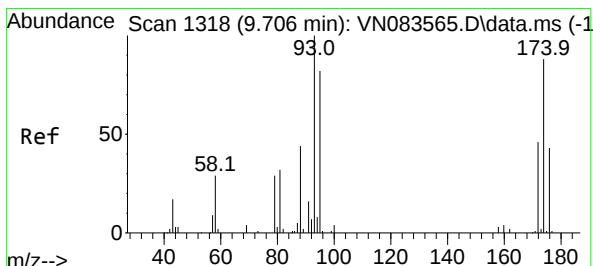
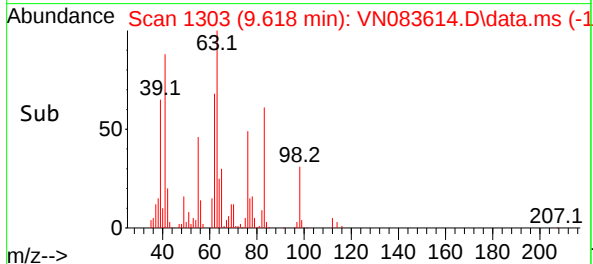
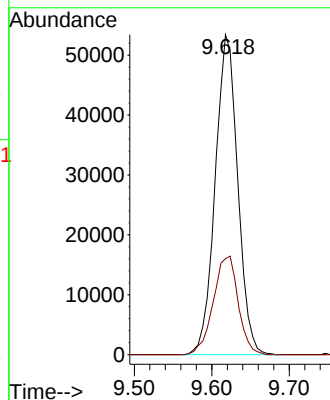
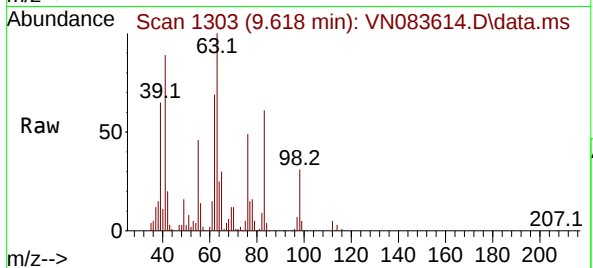
65 30.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/04/2024

Supervised By :Mahesh Dadoda 09/04/2024



#46

Dibromomethane

Concen: 49.186 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN083614.D

Acq: 03 Sep 2024 09:43

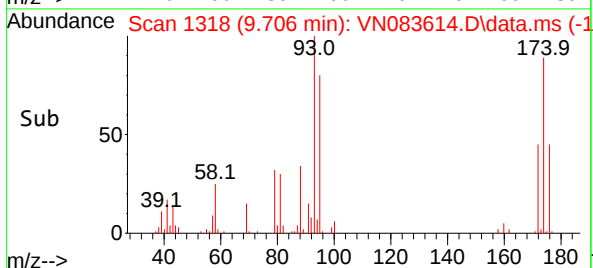
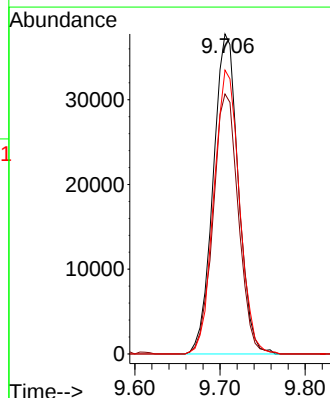
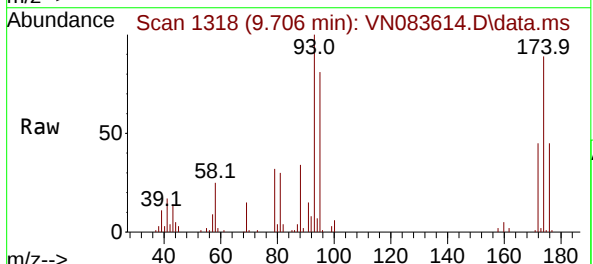
Tgt Ion: 93 Resp: 77545

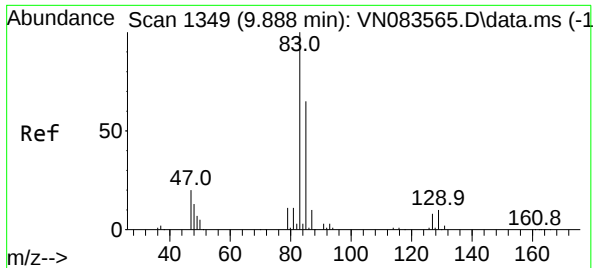
Ion Ratio Lower Upper

93 100

95 81.6 65.3 97.9

174 90.0 71.0 106.4





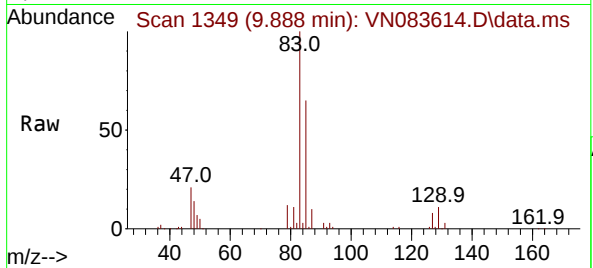
#47
Bromodichloromethane
Concen: 50.861 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



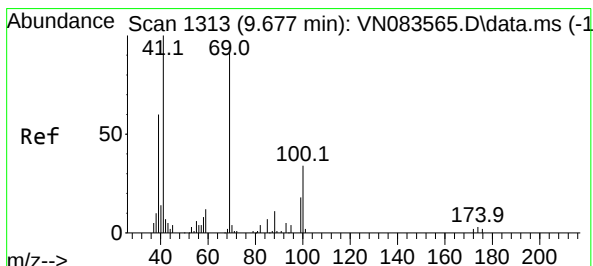
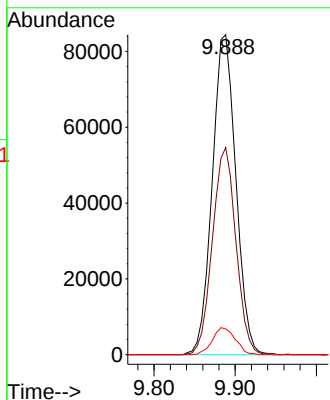
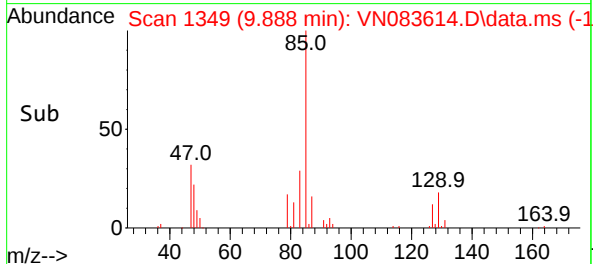
Tgt Ion: 83 Resp: 170692
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.8
127 8.1 6.6 9.8

Manual Integrations

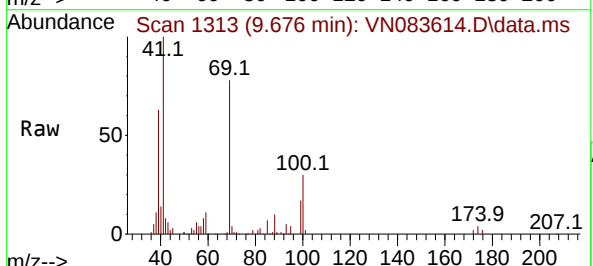
APPROVED

Reviewed By :John Carlone 09/04/2024

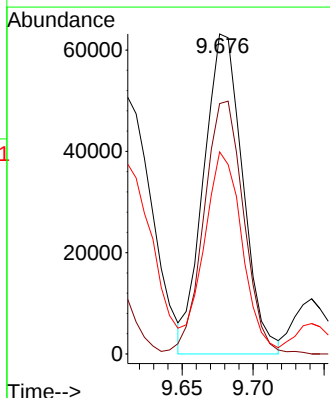
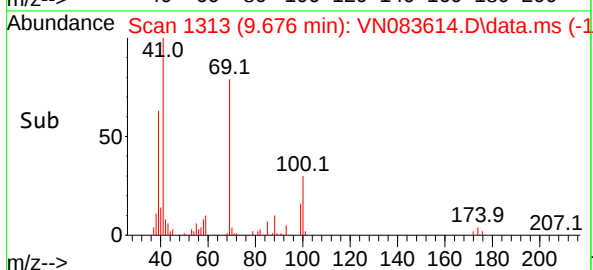
Supervised By :Mahesh Dadoda 09/04/2024

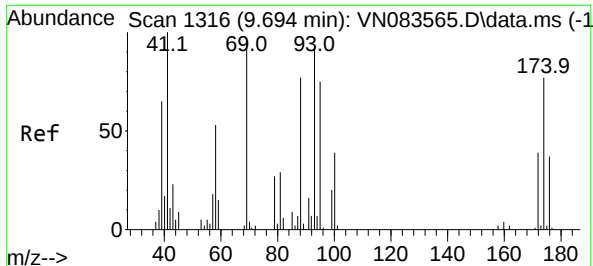


#48
Methyl methacrylate
Concen: 49.697 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43



Tgt Ion: 41 Resp: 120977
Ion Ratio Lower Upper
41 100
69 80.4 64.3 96.5
39 61.9 48.9 73.3





#49

1,4-Dioxane

Concen: 939.761 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN083614.D

Acq: 03 Sep 2024 09:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3748

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

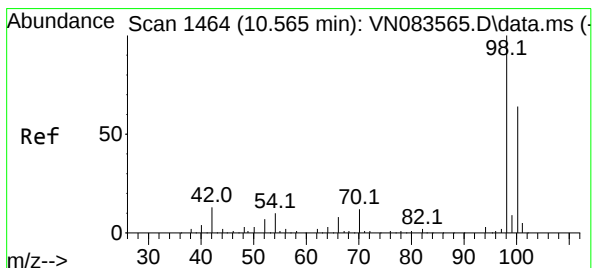
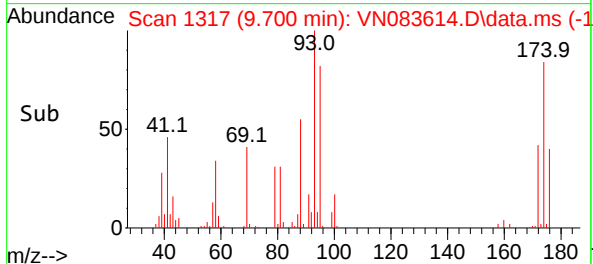
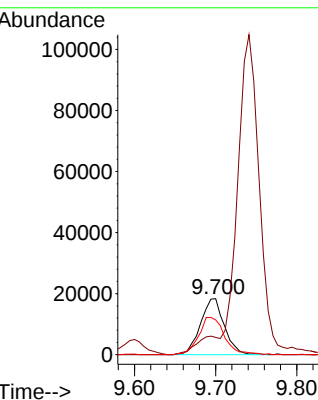
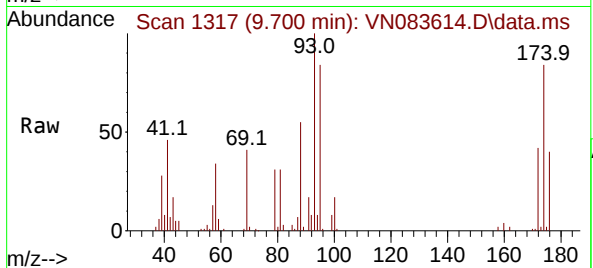
58 72.2 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/04/2024

Supervised By :Mahesh Dadoda 09/04/2024



#50

Toluene-d8

Concen: 50.509 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083614.D

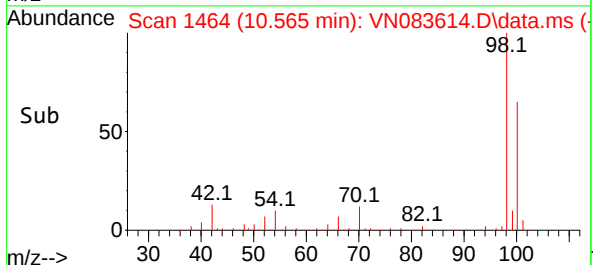
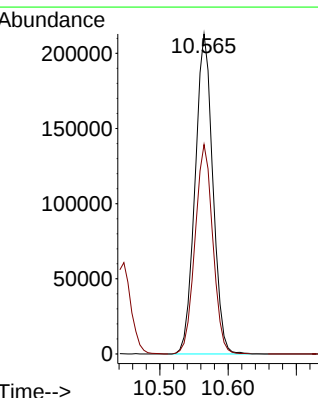
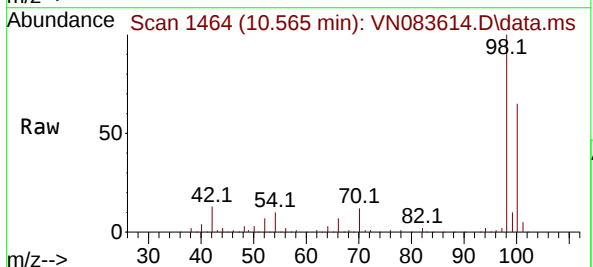
Acq: 03 Sep 2024 09:43

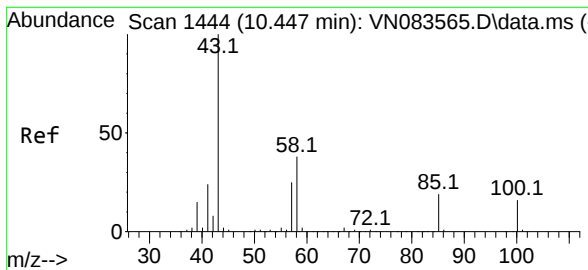
Tgt Ion: 98 Resp: 385076

Ion Ratio Lower Upper

98 100

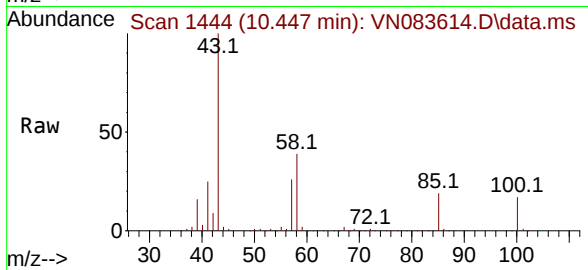
100 65.6 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 244.256 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

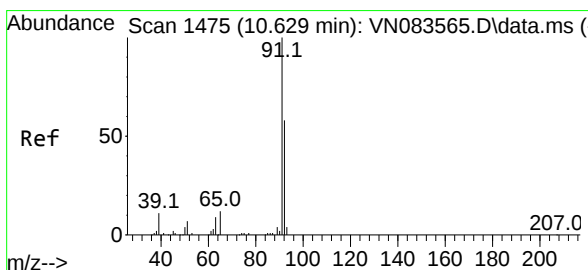
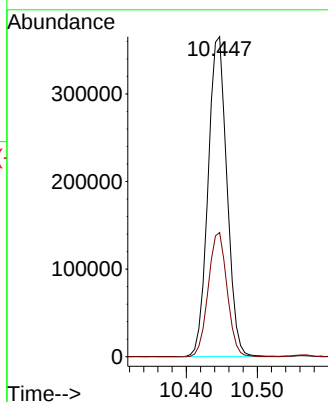
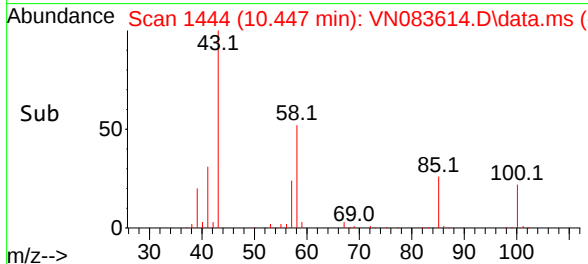
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



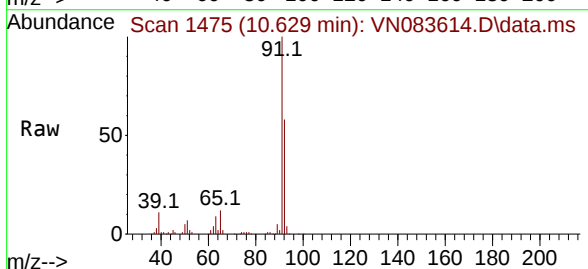
Tgt Ion: 43 Resp: 67395
Ion Ratio Lower Upper
43 100
58 38.8 31.6 47.4

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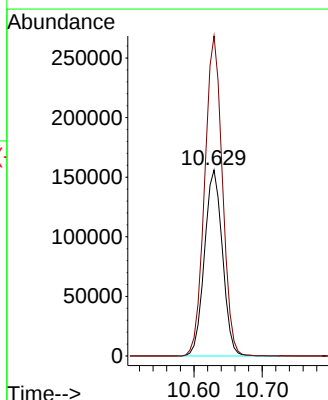
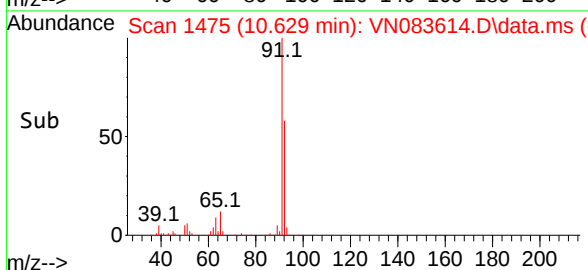
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024

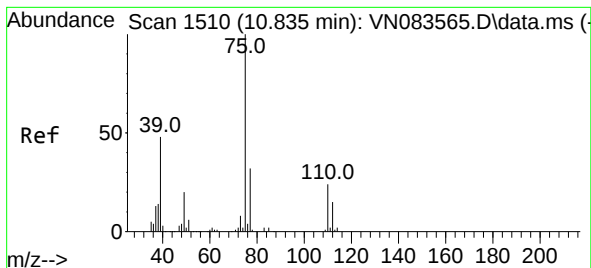


#52
Toluene
Concen: 49.780 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43



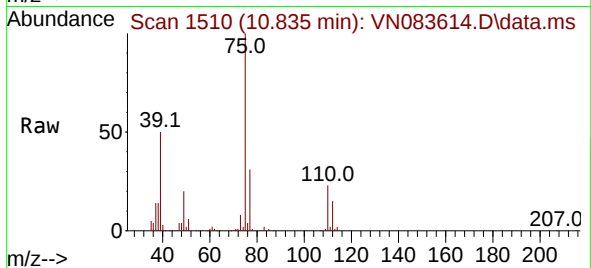
Tgt Ion: 92 Resp: 285609
Ion Ratio Lower Upper
92 100
91 169.7 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 51.268 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

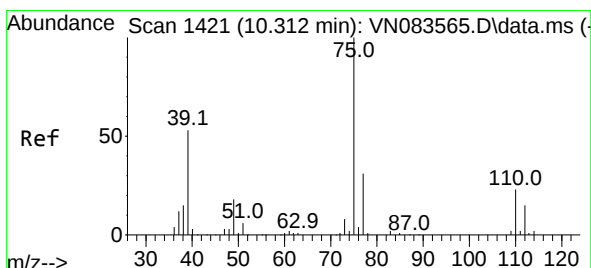
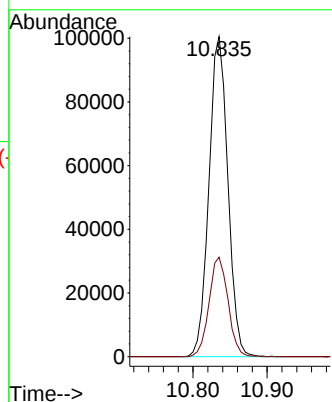
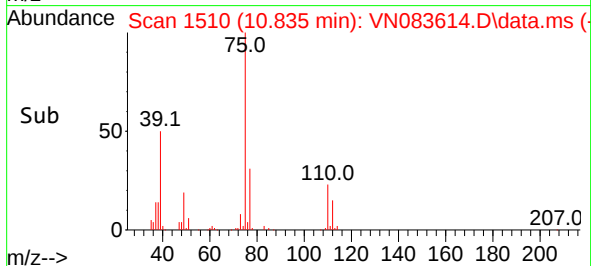
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



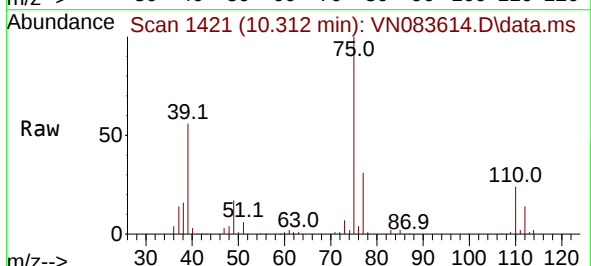
Tgt Ion: 75 Resp: 178119
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.6

Manual Integrations
APPROVED

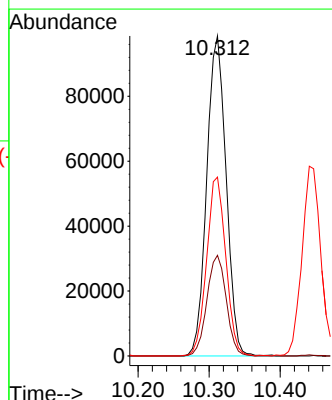
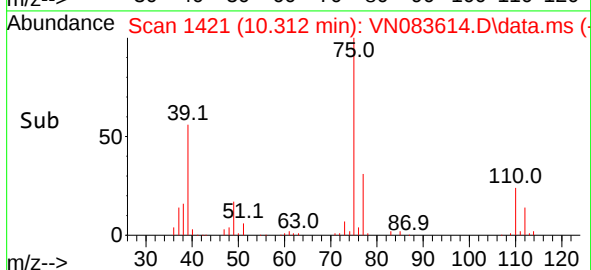
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024

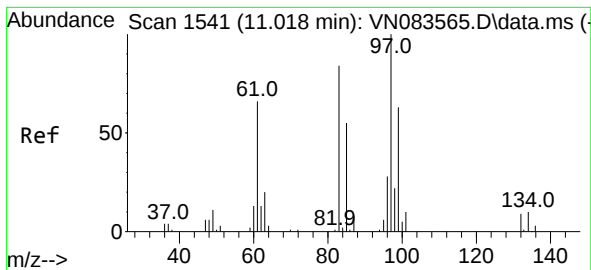


#54
cis-1,3-Dichloropropene
Concen: 51.292 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43



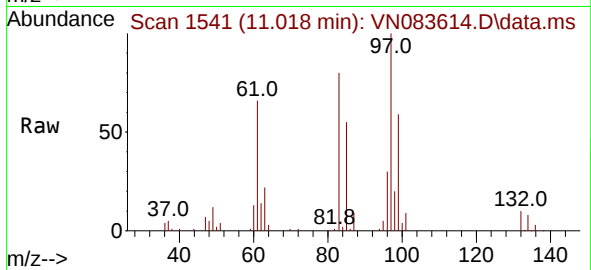
Tgt Ion: 75 Resp: 187047
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6
39 55.9 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 50.185 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

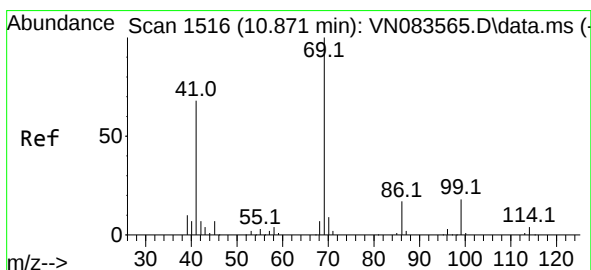
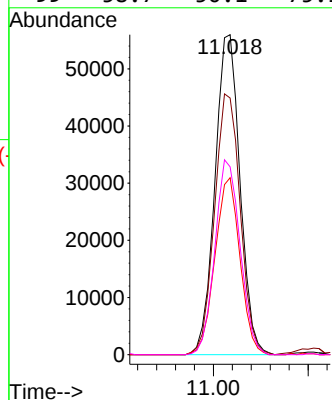
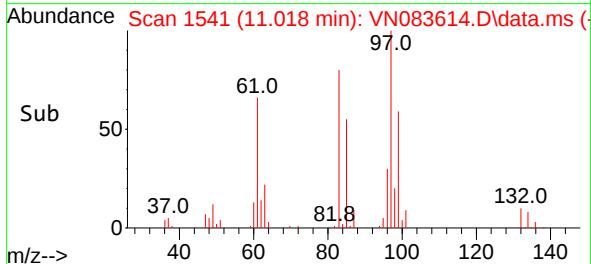
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



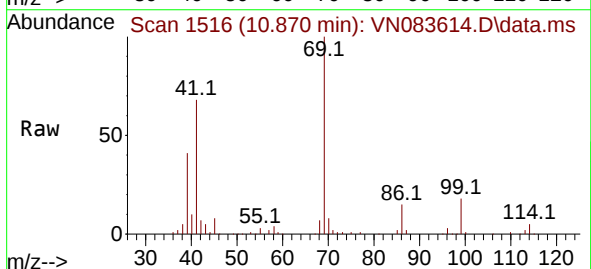
Tgt Ion: 97 Resp: 102768
Ion Ratio Lower Upper
97 100
83 80.2 67.5 101.3
85 55.3 44.2 66.2
99 58.7 50.1 75.1

Manual Integrations
APPROVED

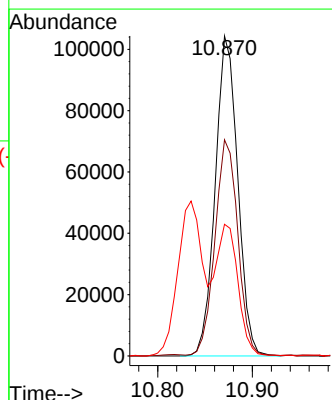
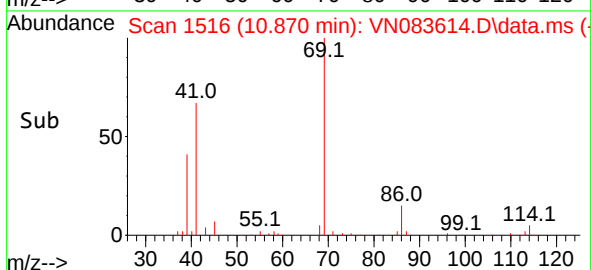
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024

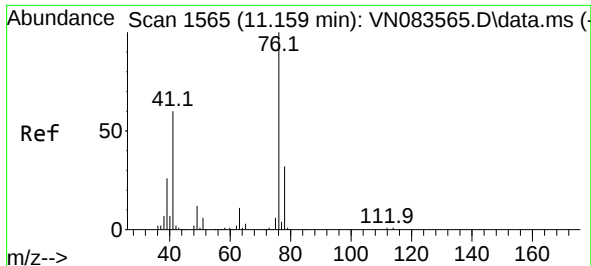


#56
Ethyl methacrylate
Concen: 50.832 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43



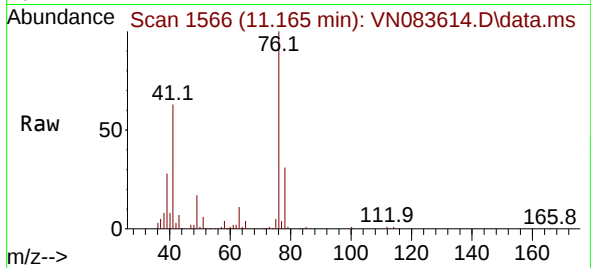
Tgt Ion: 69 Resp: 172204
Ion Ratio Lower Upper
69 100
41 68.5 53.9 80.9
39 41.5 32.6 48.8





#57
1,3-Dichloropropane
Concen: 49.139 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

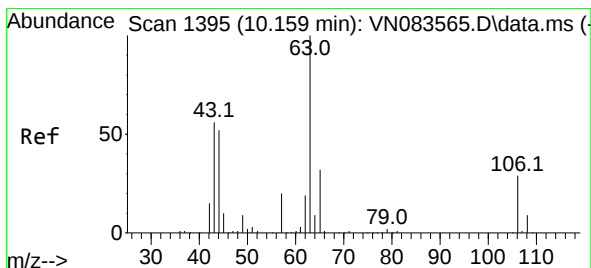
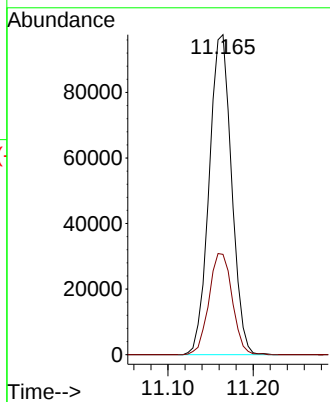
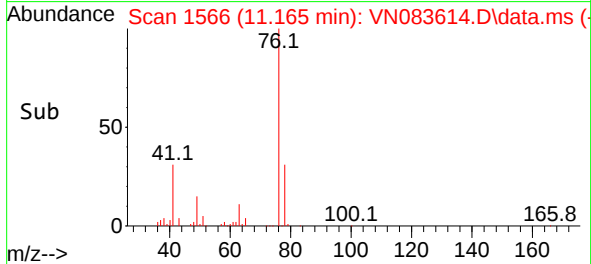
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 17815
Ion Ratio Lower Upper
76 100
78 32.8 25.8 38.6

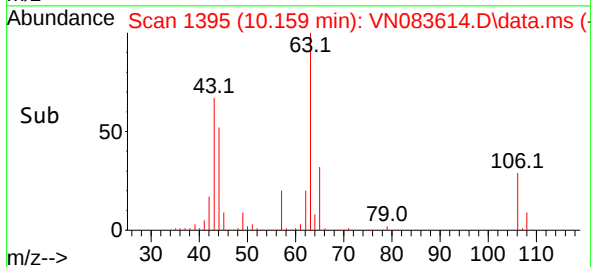
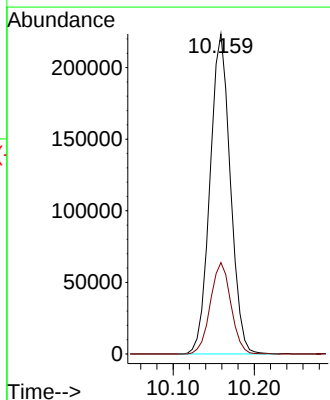
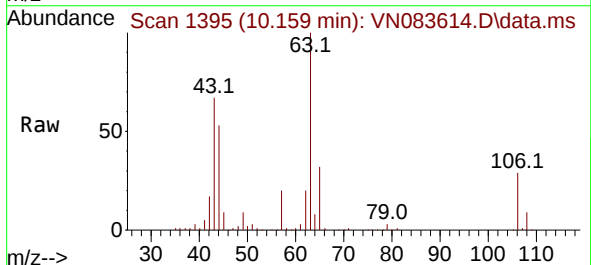
Manual Integrations
APPROVED

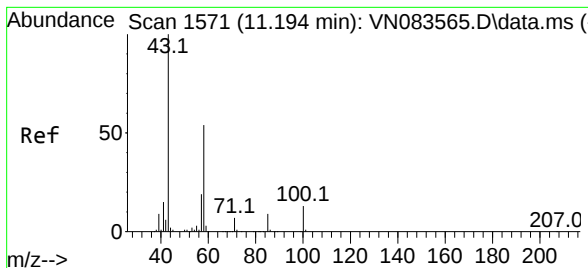
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#58
2-Chloroethyl Vinyl ether
Concen: 264.315 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

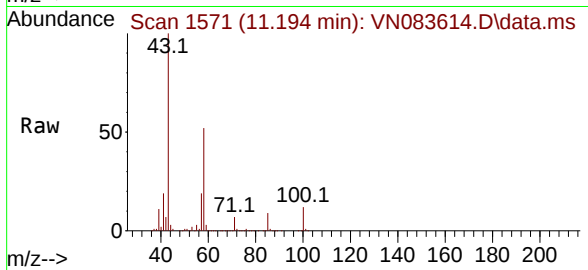
Tgt Ion: 63 Resp: 389074
Ion Ratio Lower Upper
63 100
106 28.9 23.3 34.9





#59
2-Hexanone
Concen: 247.220 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

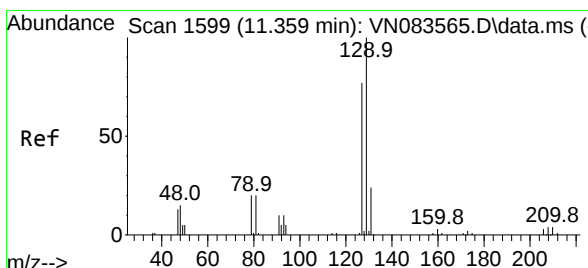
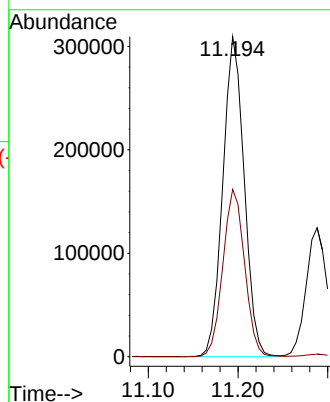
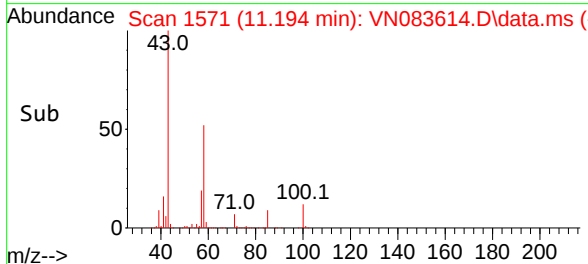
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 511923
Ion Ratio Lower Upper
43 100
58 53.2 27.2 81.5

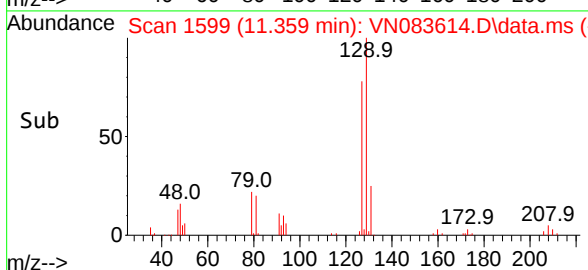
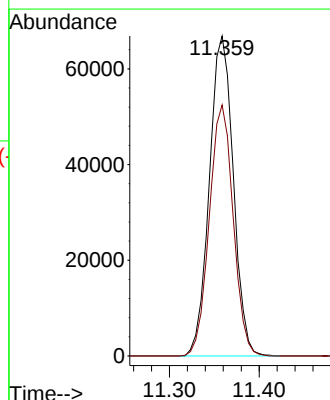
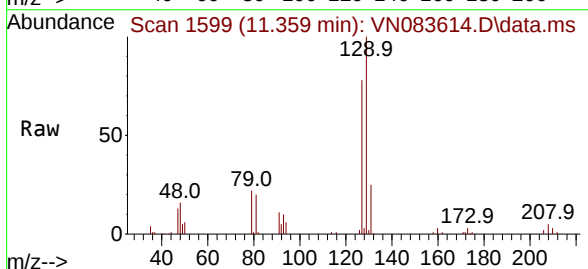
Manual Integrations
APPROVED

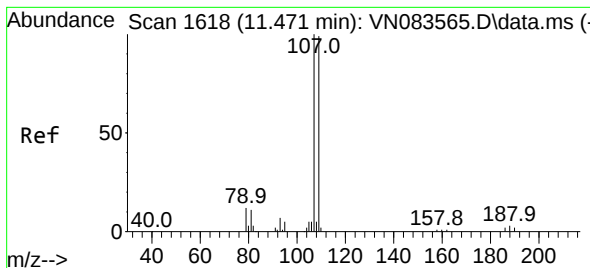
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#60
Dibromochloromethane
Concen: 52.121 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Tgt Ion:129 Resp: 123673
Ion Ratio Lower Upper
129 100
127 78.3 39.0 116.9





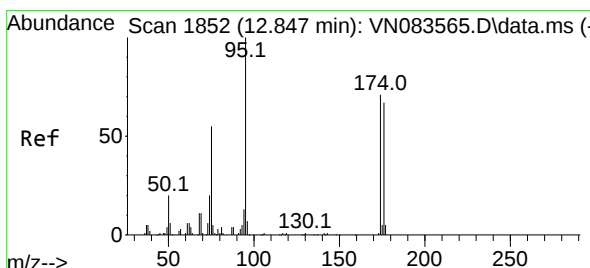
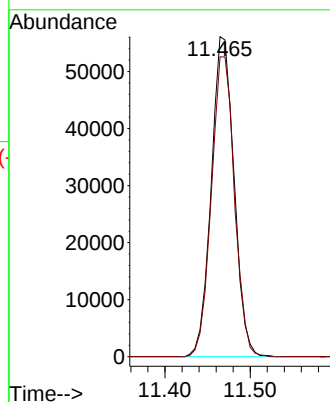
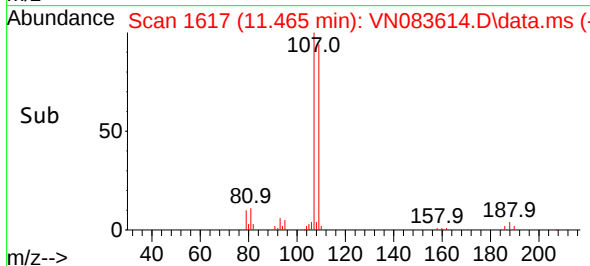
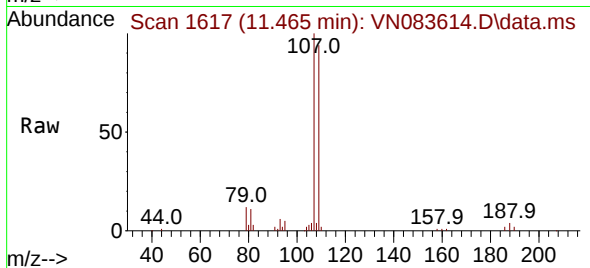
#61
1,2-Dibromoethane
Concen: 49.711 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 104000
Ion Ratio Lower Upper
107 100
109 94.8 75.6 113.4

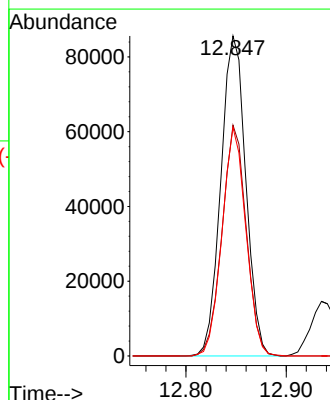
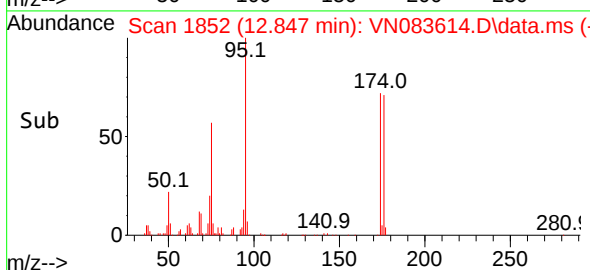
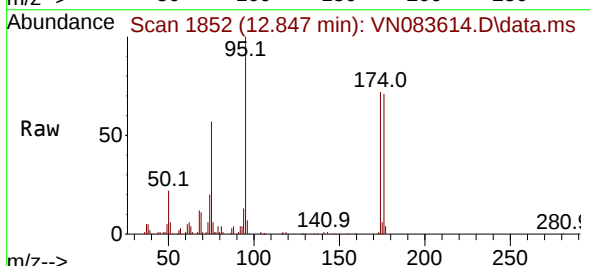
Manual Integrations
APPROVED

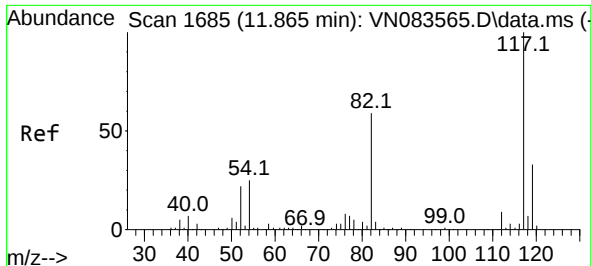
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#62
4-Bromofluorobenzene
Concen: 52.364 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

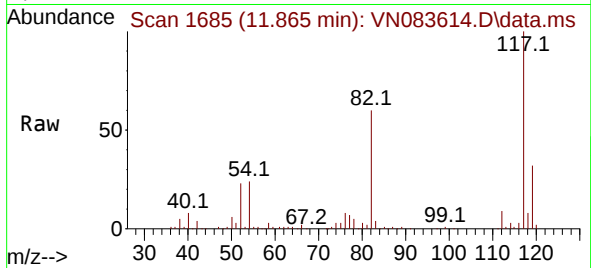
Tgt Ion: 95 Resp: 147686
Ion Ratio Lower Upper
95 100
174 69.9 0.0 139.8
176 68.3 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

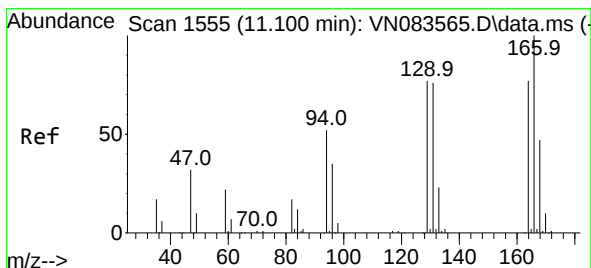
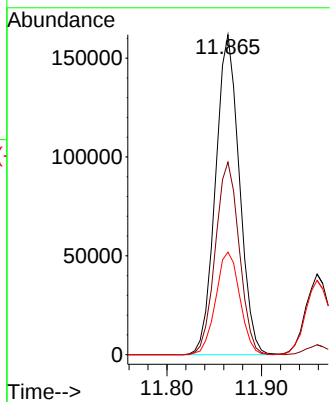
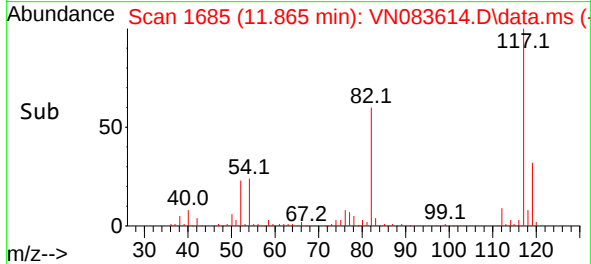
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 283224
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.0
119 32.1 26.3 39.5

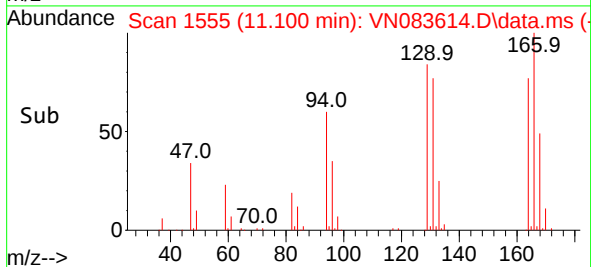
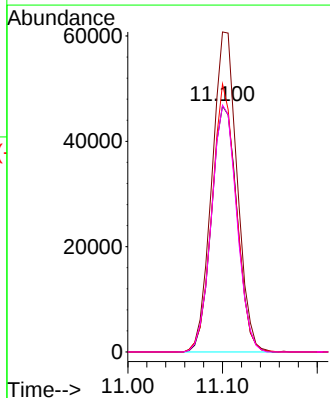
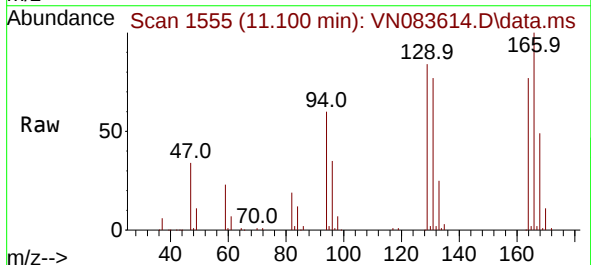
Manual Integrations
APPROVED

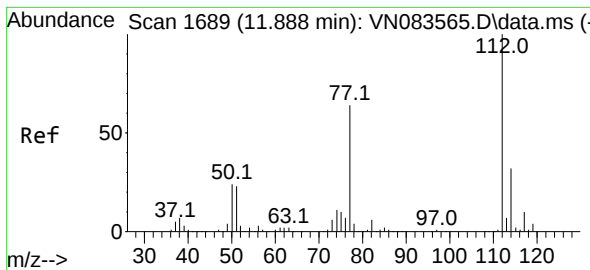
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#64
Tetrachloroethene
Concen: 47.078 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Tgt Ion:164 Resp: 87643
Ion Ratio Lower Upper
164 100
166 130.0 103.7 155.5
129 108.9 79.9 119.9
131 100.3 78.4 117.6





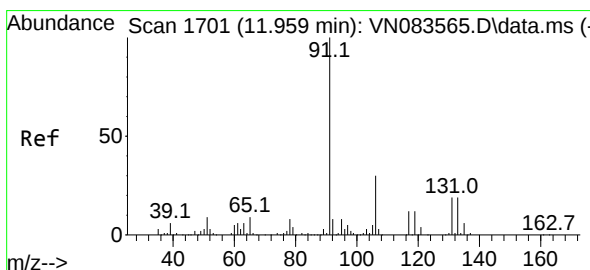
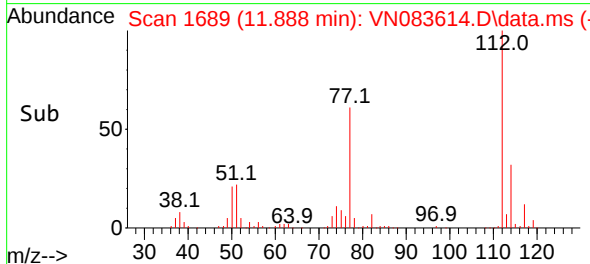
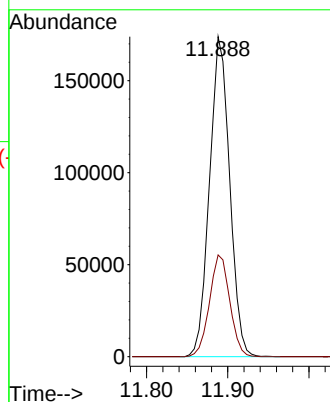
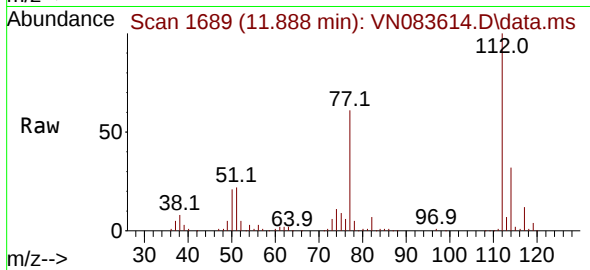
#65
Chlorobenzene
Concen: 47.192 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 299749
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

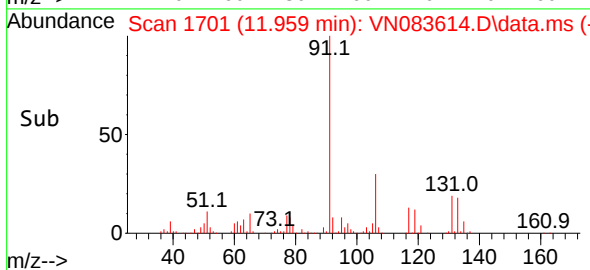
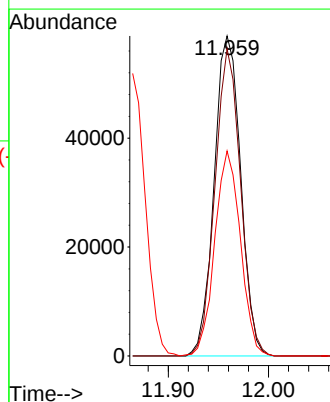
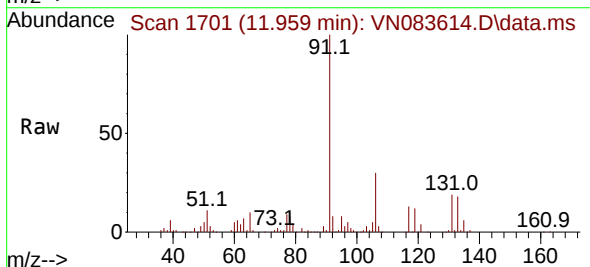
Manual Integrations
APPROVED

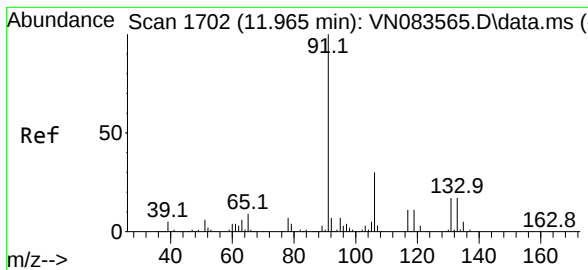
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.269 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Tgt Ion:131 Resp: 107802
Ion Ratio Lower Upper
131 100
133 92.8 47.5 142.6
119 62.2 31.6 94.8





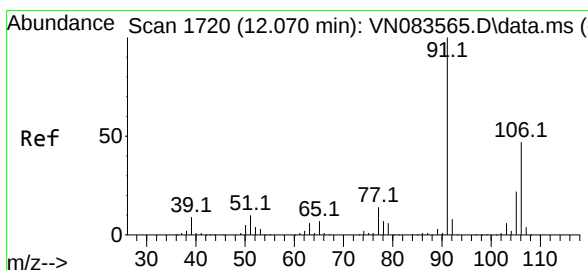
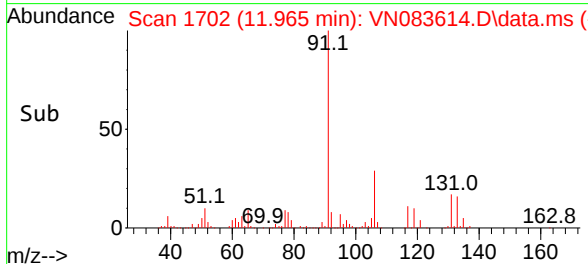
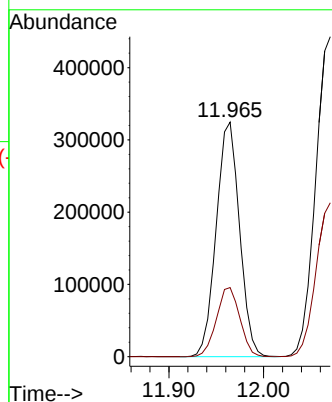
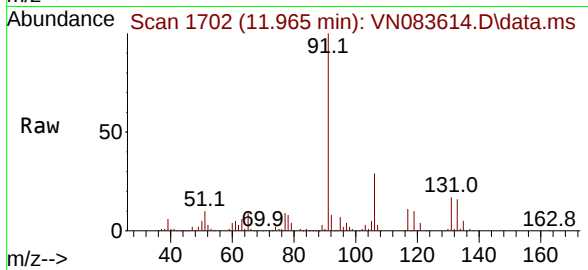
#67
Ethyl Benzene
Concen: 48.951 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 55500
Ion Ratio Lower Upper
91 100
106 29.5 24.3 36.5

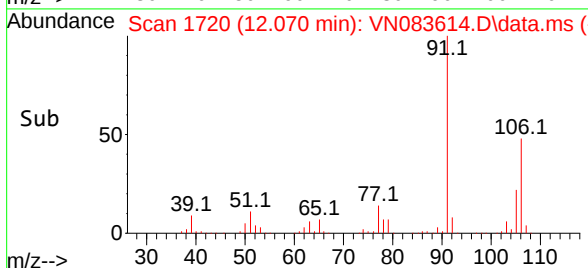
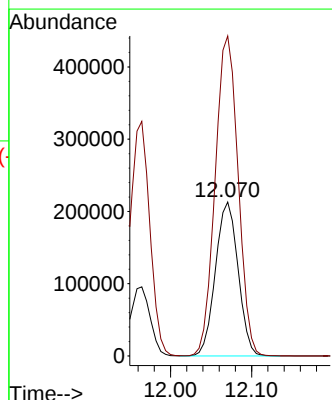
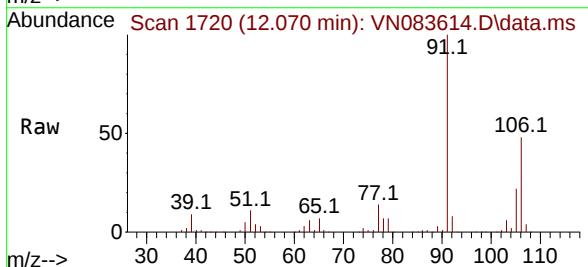
Manual Integrations
APPROVED

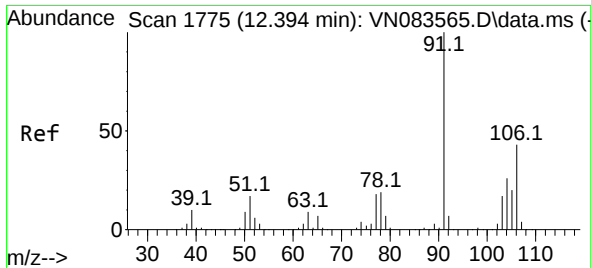
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#68
m/p-Xylenes
Concen: 96.692 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Tgt Ion:106 Resp: 412993
Ion Ratio Lower Upper
106 100
91 210.9 169.2 253.8





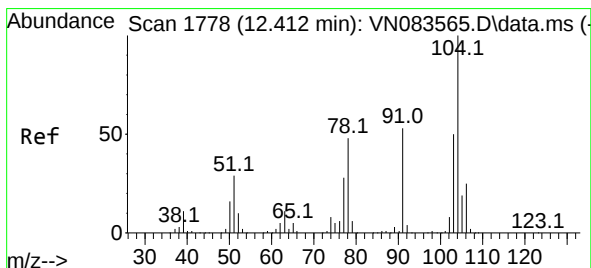
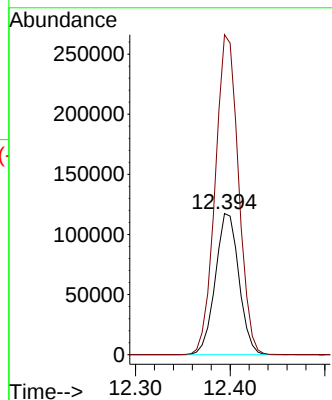
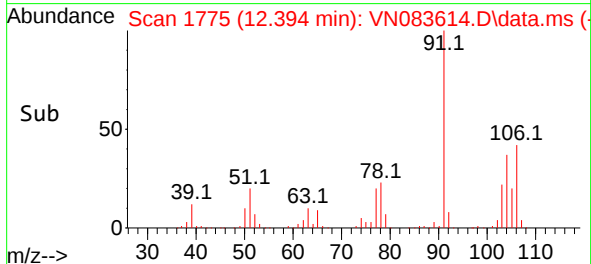
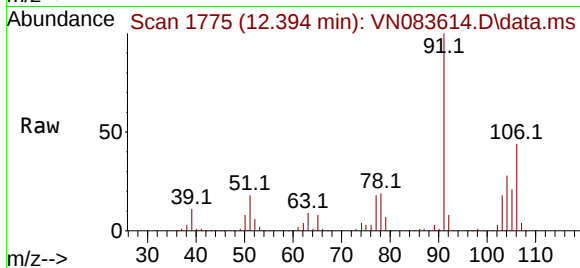
#69
o-Xylene
Concen: 49.144 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 202874
Ion Ratio Lower Upper
106 100
91 224.2 112.9 338.6

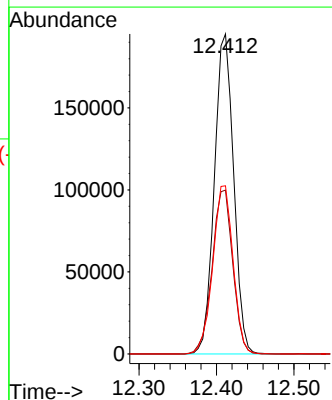
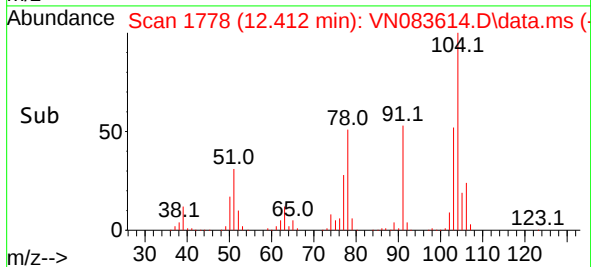
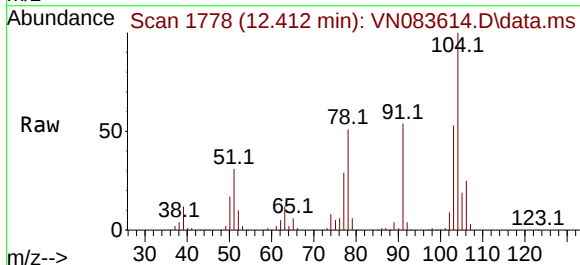
Manual Integrations
APPROVED

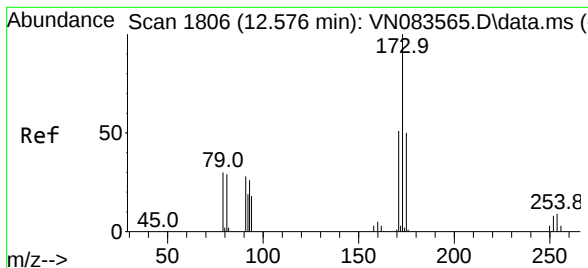
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#70
Styrene
Concen: 48.548 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

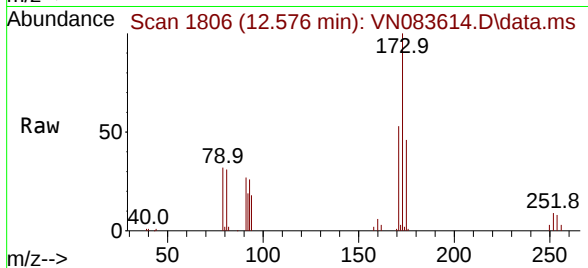
Tgt Ion:104 Resp: 336975
Ion Ratio Lower Upper
104 100
78 54.9 43.3 64.9
103 55.5 43.4 65.2





#71
Bromoform
Concen: 52.193 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

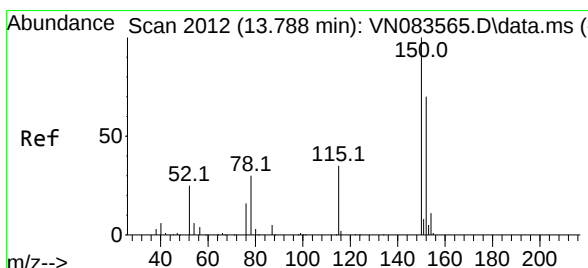
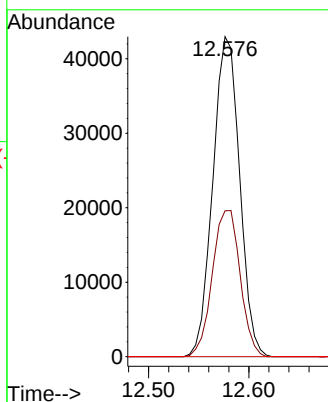
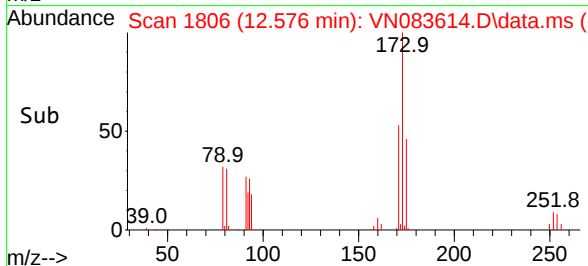
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



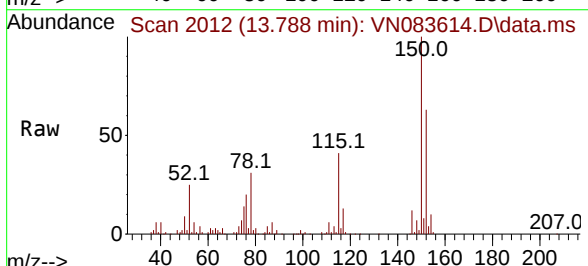
Tgt Ion:173 Resp: 79724
Ion Ratio Lower Upper
173 100
175 47.5 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

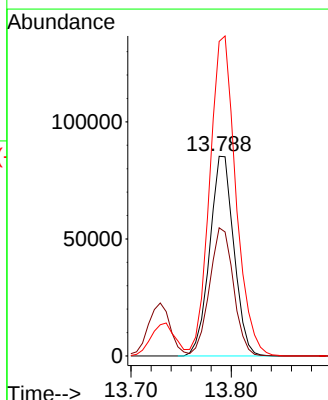
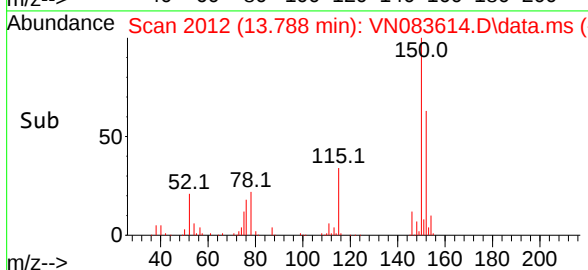
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024

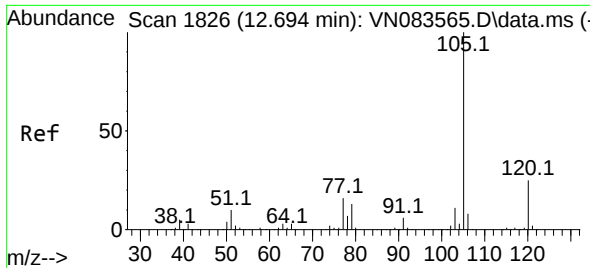


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43



Tgt Ion:152 Resp: 143146
Ion Ratio Lower Upper
152 100
115 63.5 32.2 96.6
150 173.2 0.0 348.6





#73
Isopropylbenzene
Concen: 45.992 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Instrument :

MSVOA_N

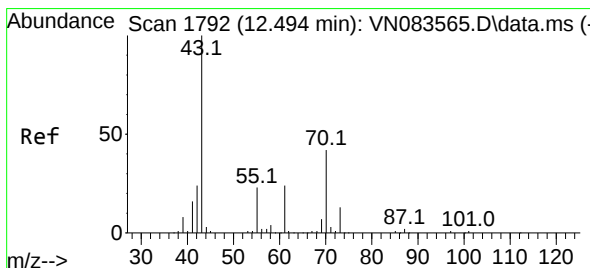
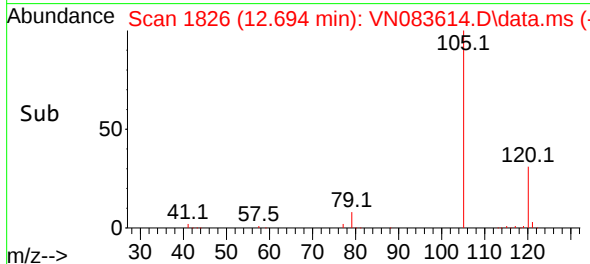
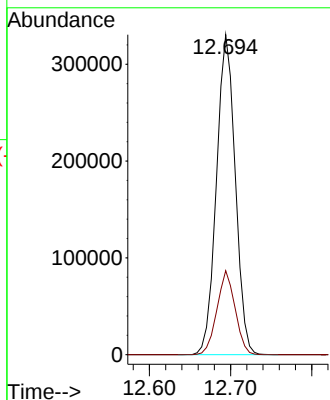
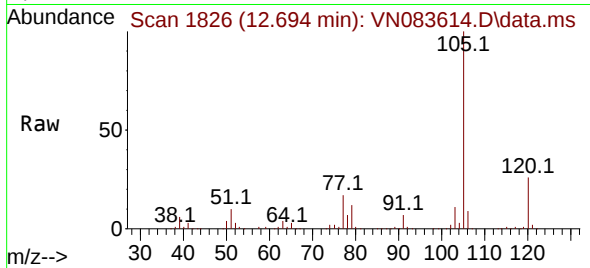
ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 53285
Ion Ratio Lower Upper
105 100
120 25.3 12.6 37.8

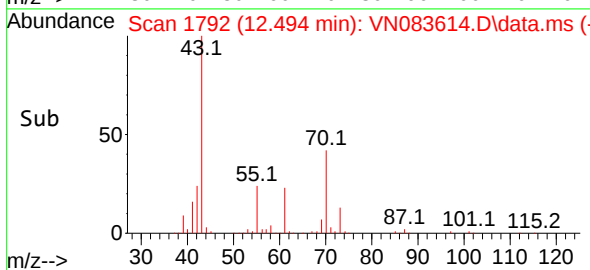
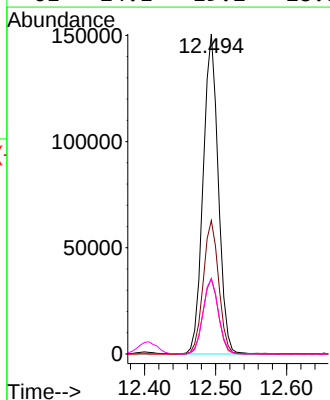
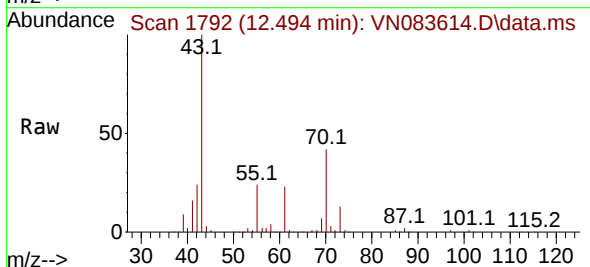
Manual Integrations
APPROVED

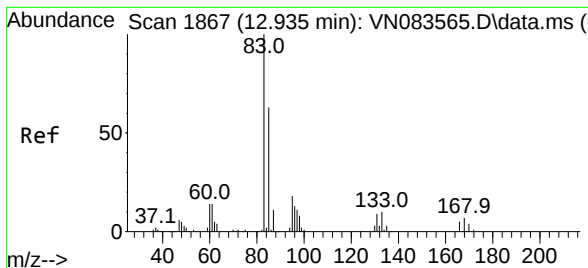
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#74
N-ethyl acetate
Concen: 44.538 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Tgt Ion: 43 Resp: 223973
Ion Ratio Lower Upper
43 100
70 42.4 34.5 51.7
55 23.7 18.6 28.0
61 24.1 19.2 28.8





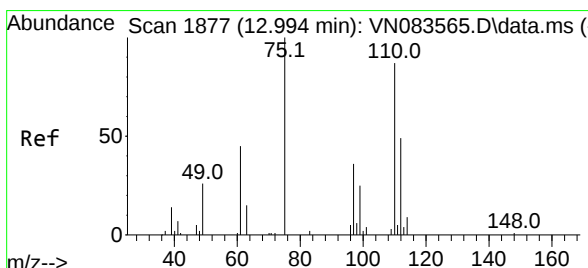
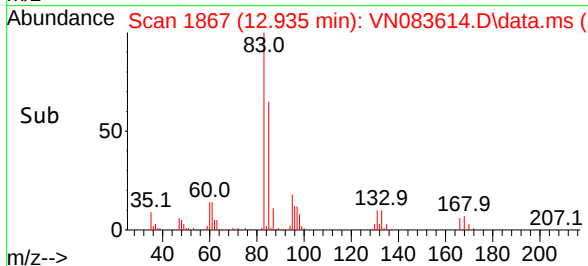
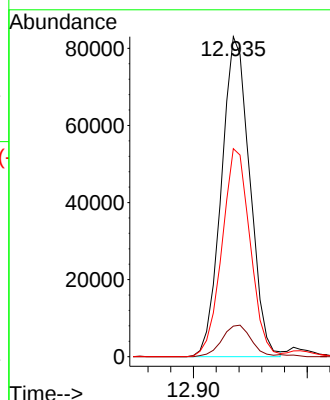
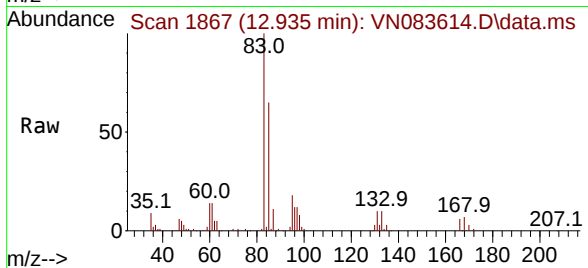
#75
1,1,2,2-Tetrachloroethane
Concen: 43.799 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 144062
Ion Ratio Lower Upper
83 100
131 10.5 5.2 15.6
85 64.7 31.9 95.9

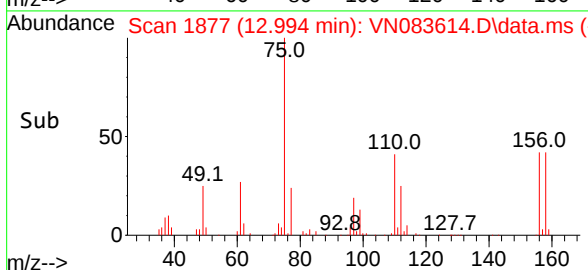
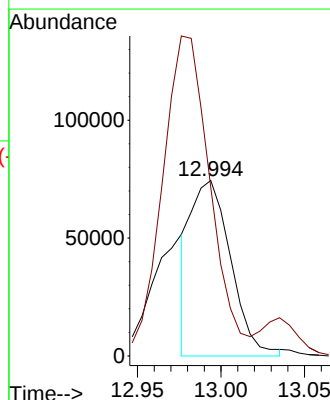
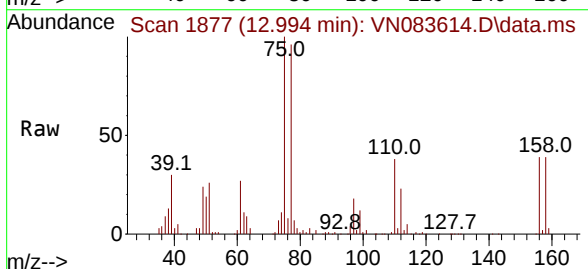
Manual Integrations
APPROVED

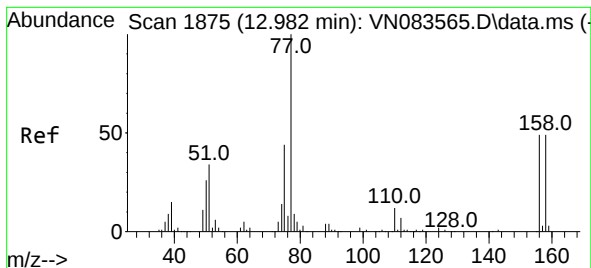
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#76
1,2,3-Trichloropropane
Concen: 42.886 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

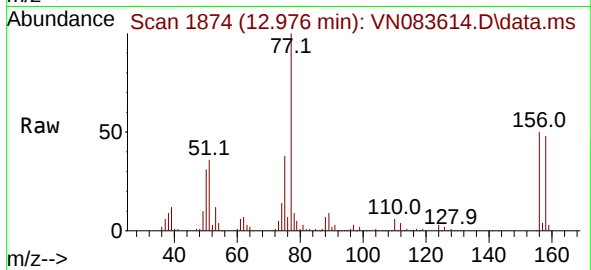
Tgt Ion: 75 Resp: 123944
Ion Ratio Lower Upper
75 100
77 217.8 95.2 285.6





#77
Bromobenzene
Concen: 43.622 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

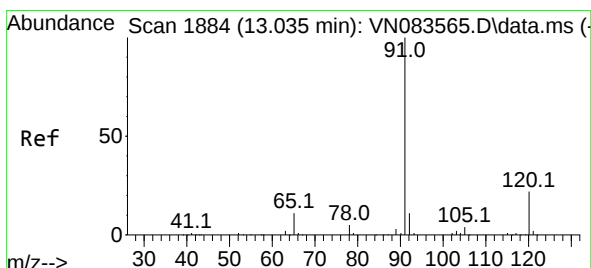
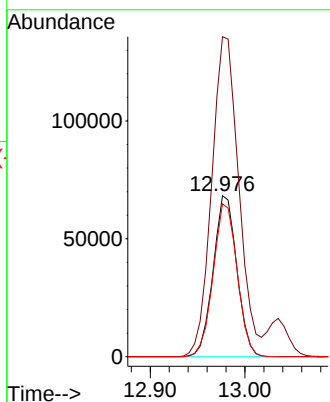
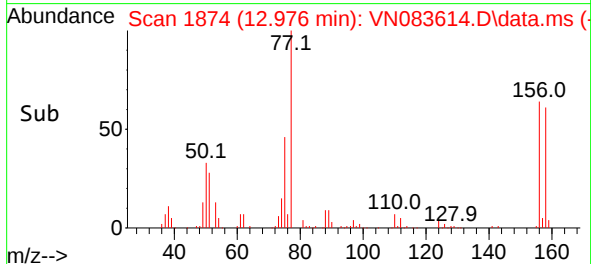
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



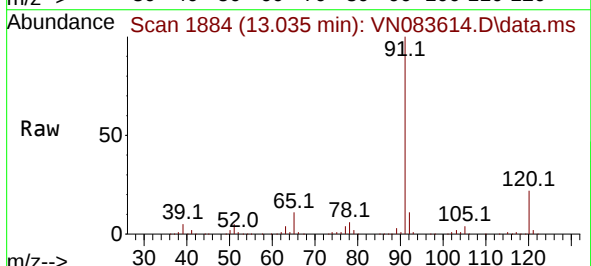
Tgt Ion:156 Resp: 11857
Ion Ratio Lower Upper
156 100
77 227.7 114.3 343.1
158 95.9 48.9 146.7

Manual Integrations
APPROVED

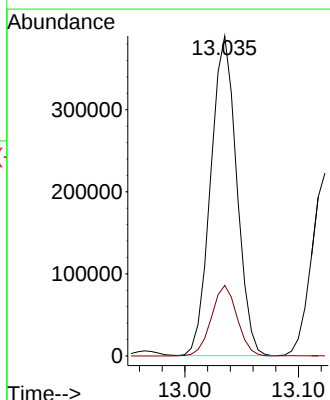
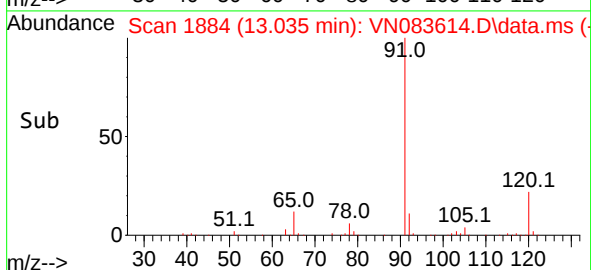
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024

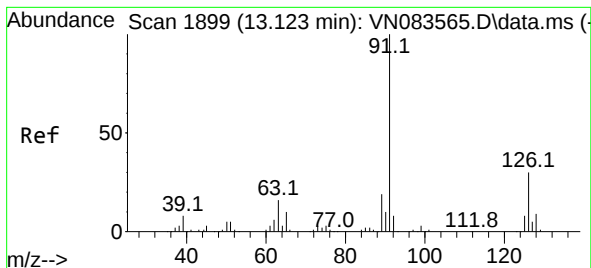


#78
n-propylbenzene
Concen: 46.255 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43



Tgt Ion: 91 Resp: 619610
Ion Ratio Lower Upper
91 100
120 21.8 11.0 33.0





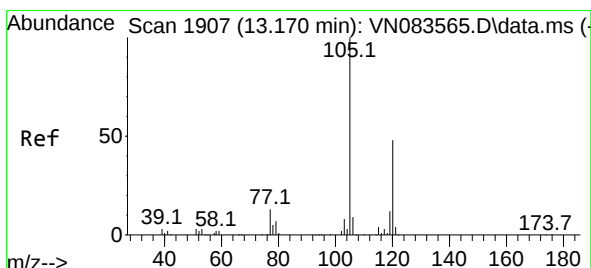
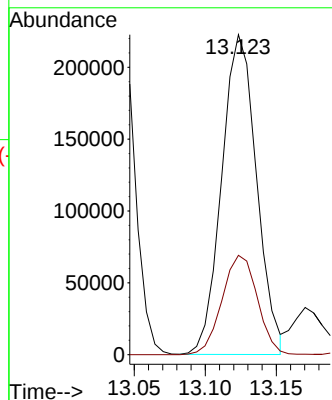
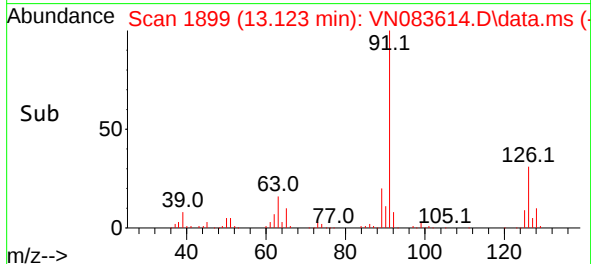
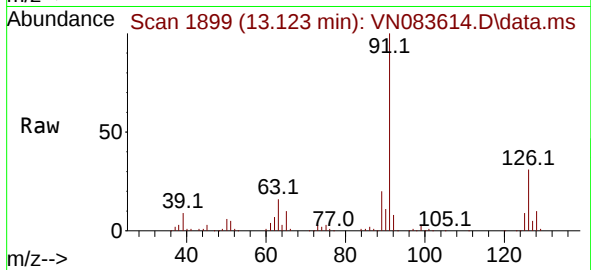
#79
2-Chlorotoluene
Concen: 43.770 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 37993
Ion Ratio Lower Upper
91 100
126 31.5 15.4 46.2

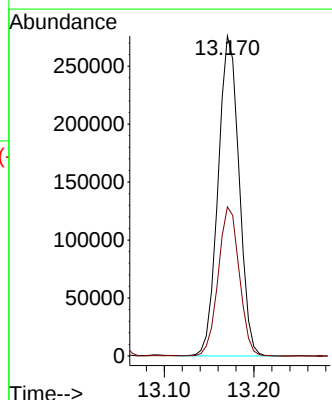
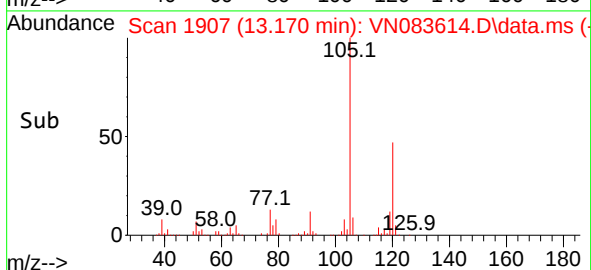
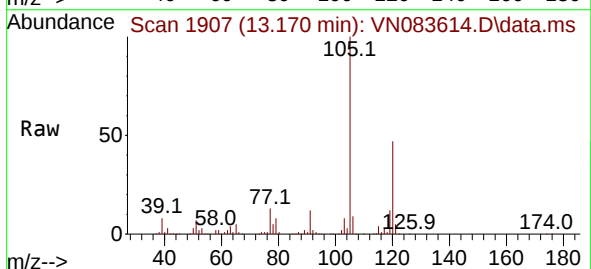
Manual Integrations
APPROVED

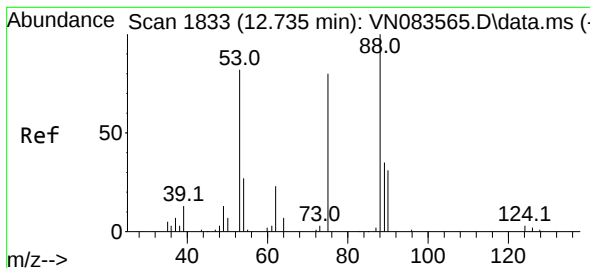
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#80
1,3,5-Trimethylbenzene
Concen: 45.874 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

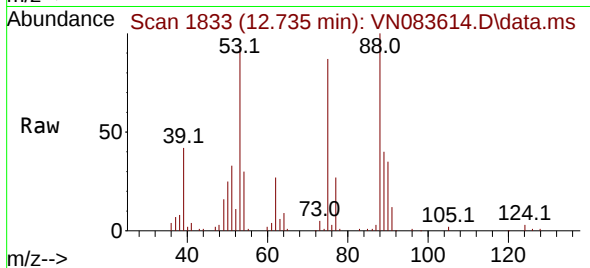
Tgt Ion:105 Resp: 447741
Ion Ratio Lower Upper
105 100
120 46.7 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 45.494 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

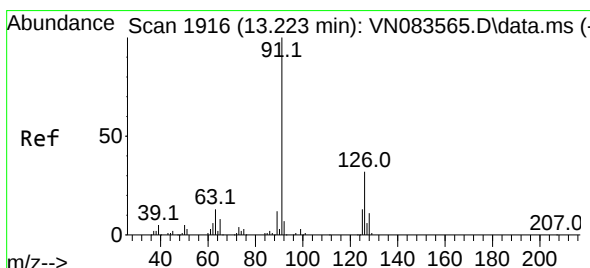
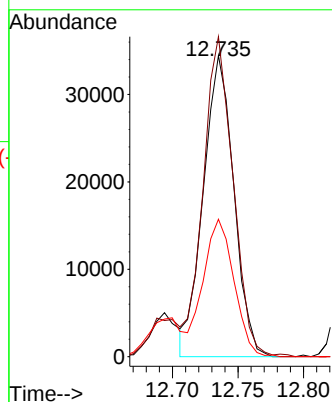
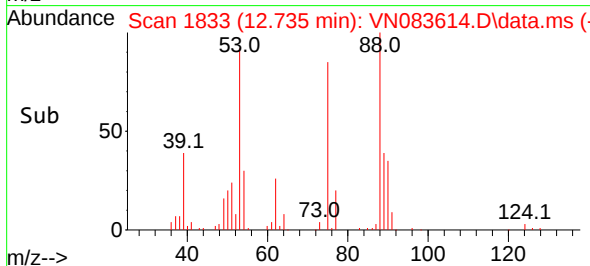
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



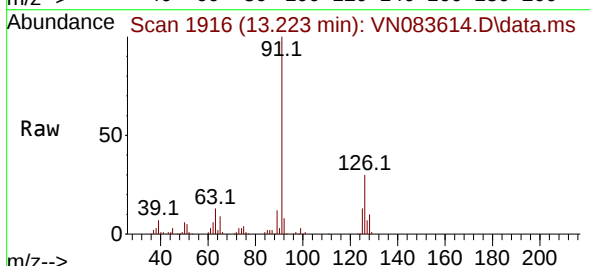
Tgt Ion: 75 Resp: 55740
Ion Ratio Lower Upper
75 100
53 104.5 81.2 121.8
89 45.6 35.7 53.5

Manual Integrations
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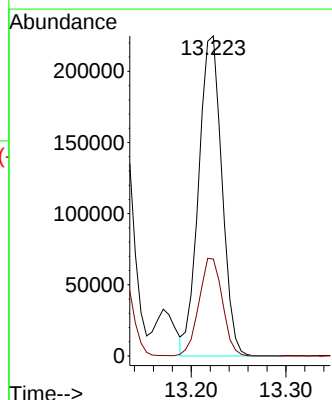
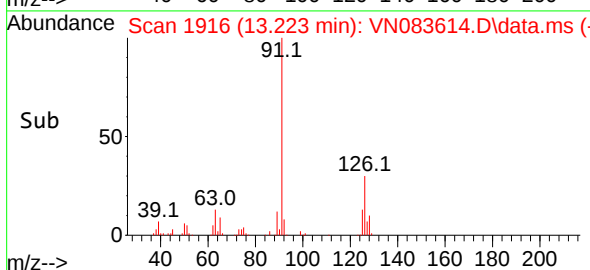
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024

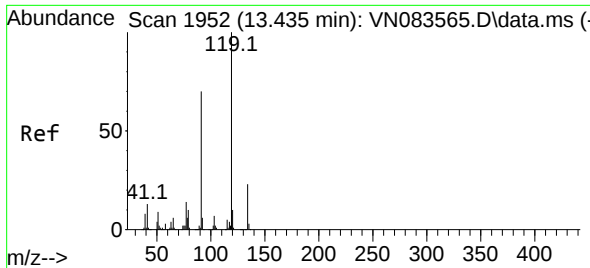


#82
4-Chlorotoluene
Concen: 43.561 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43



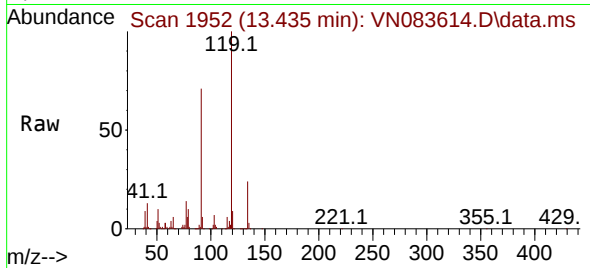
Tgt Ion: 91 Resp: 384130
Ion Ratio Lower Upper
91 100
126 30.8 15.4 46.2





#83
tert-Butylbenzene
Concen: 46.000 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

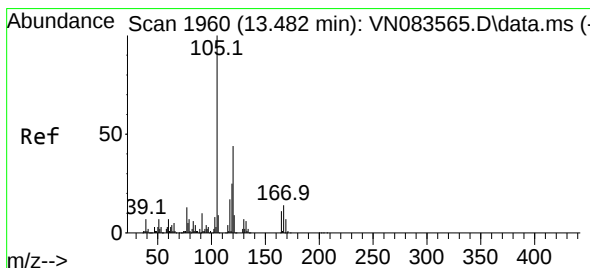
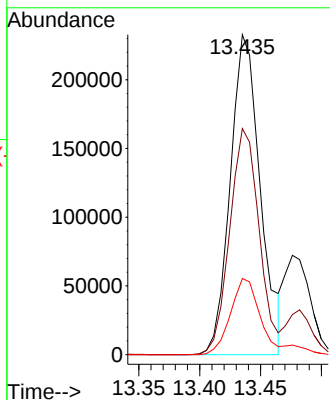
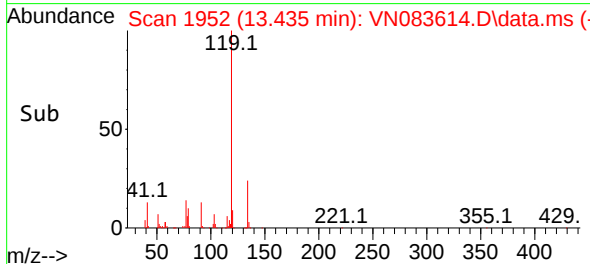
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



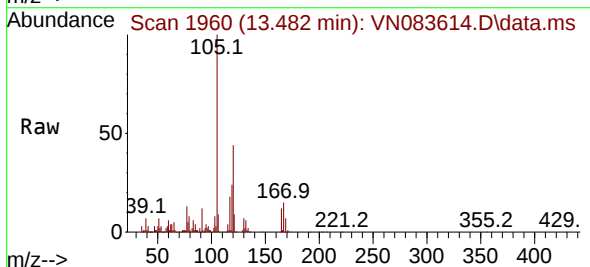
Tgt Ion:119 Resp: 399160
Ion Ratio Lower Upper
119 100
91 69.6 34.5 103.6
134 25.4 12.8 38.4

Manual Integrations
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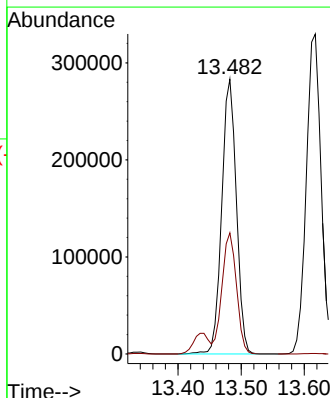
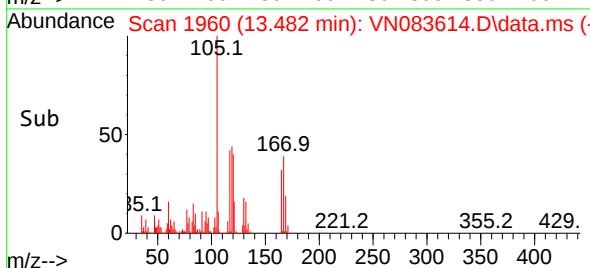
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024

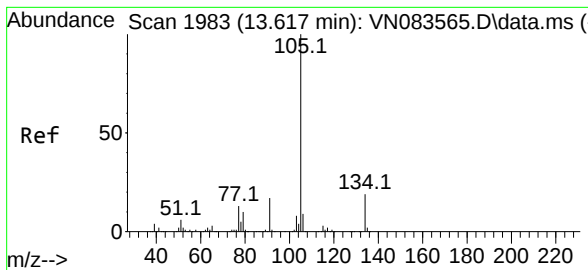


#84
1,2,4-Trimethylbenzene
Concen: 46.290 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43



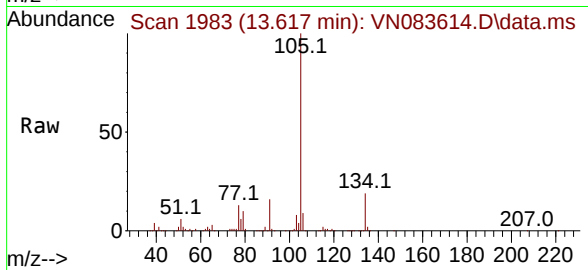
Tgt Ion:105 Resp: 454762
Ion Ratio Lower Upper
105 100
120 43.8 21.8 65.4





#85
 sec-Butylbenzene
 Concen: 46.469 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083614.D
 Acq: 03 Sep 2024 09:43

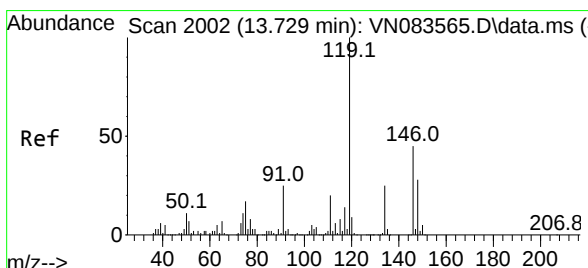
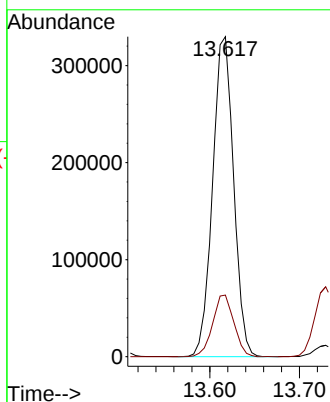
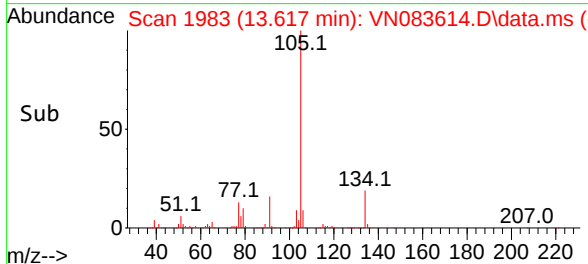
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050



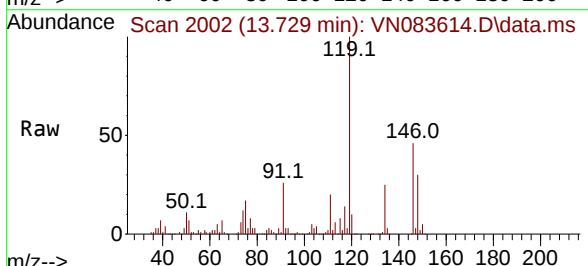
Tgt Ion:105 Resp: 53595
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1

Manual Integrations
 APPROVED

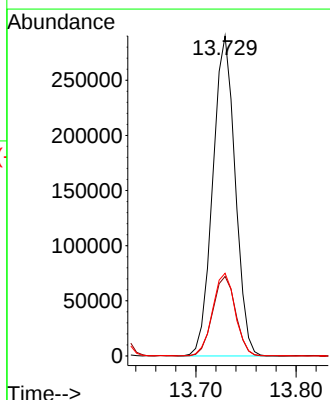
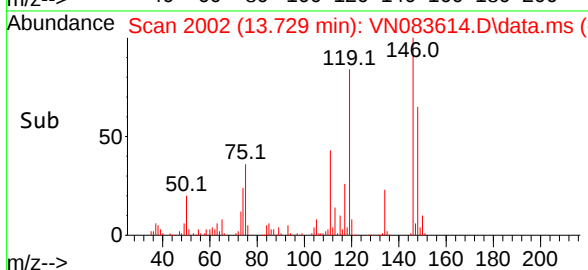
Reviewed By :John Carlone 09/04/2024
 Supervised By :Mahesh Dadoda 09/04/2024

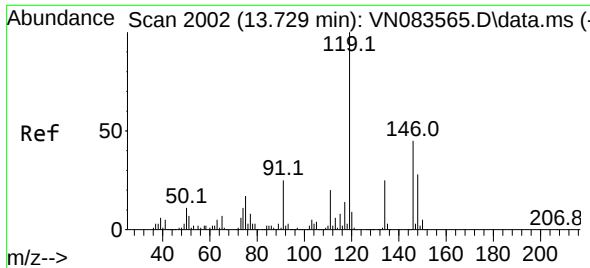


#86
 p-Isopropyltoluene
 Concen: 46.742 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083614.D
 Acq: 03 Sep 2024 09:43



Tgt Ion:119 Resp: 450283
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 25.9 12.9 38.7





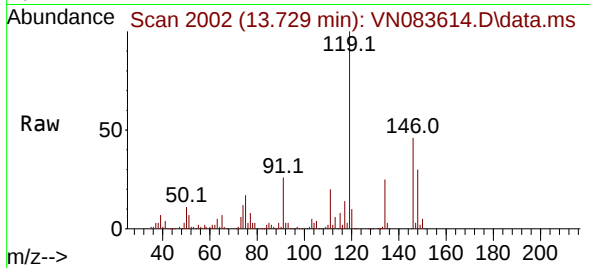
#87
1,3-Dichlorobenzene
Concen: 43.571 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



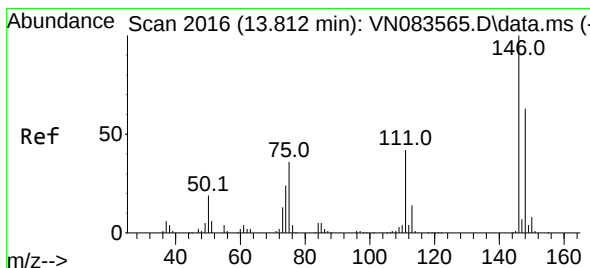
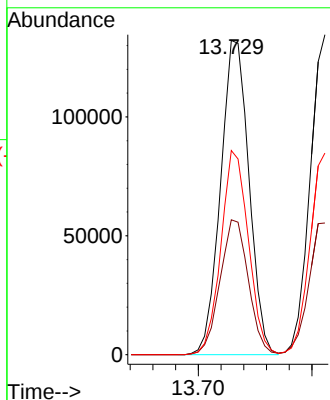
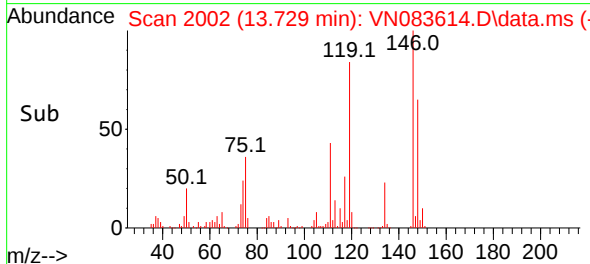
Tgt Ion:146 Resp: 22990
Ion Ratio Lower Upper
146 100
111 42.8 21.7 65.1
148 62.8 31.7 95.1

Manual Integrations

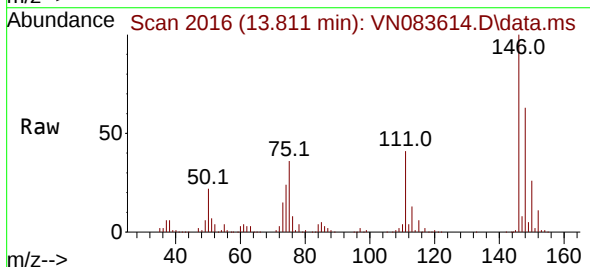
APPROVED

Reviewed By :John Carlone 09/04/2024

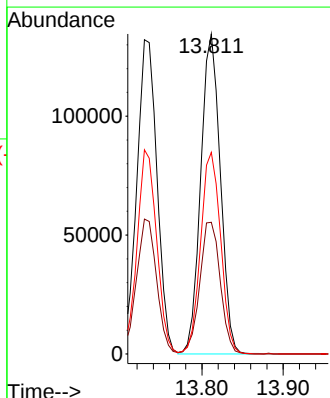
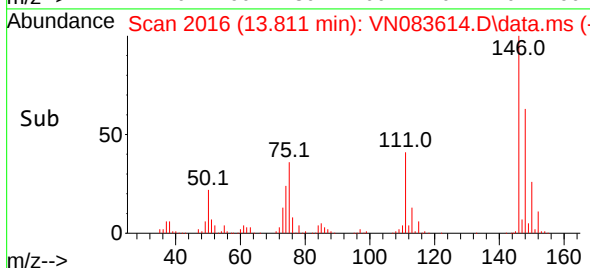
Supervised By :Mahesh Dadoda 09/04/2024

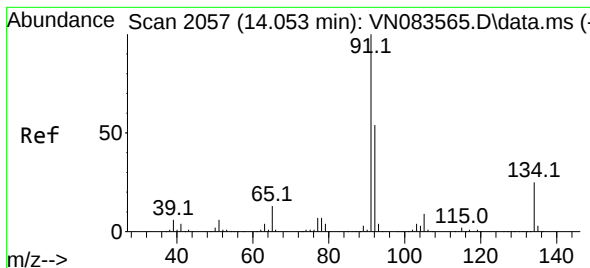


#88
1,4-Dichlorobenzene
Concen: 41.632 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43



Tgt Ion:146 Resp: 225717
Ion Ratio Lower Upper
146 100
111 43.2 21.3 64.0
148 64.5 32.0 96.2





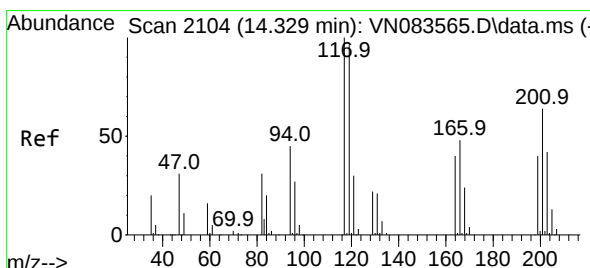
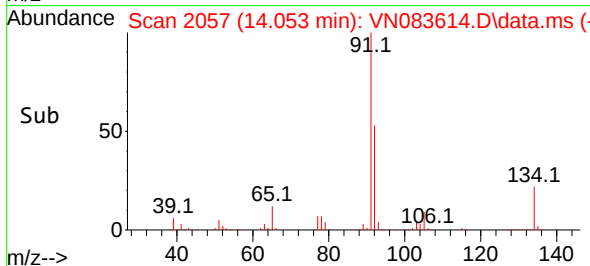
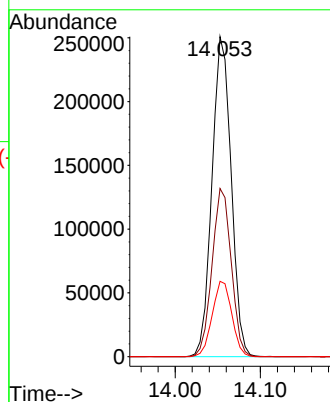
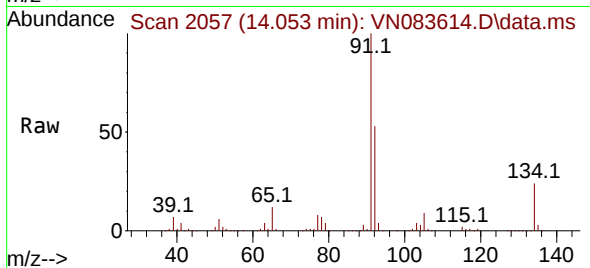
#89
n-Butylbenzene
Concen: 46.314 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 392452
Ion Ratio Lower Upper
91 100
92 52.6 26.7 80.1
134 24.1 12.2 36.4

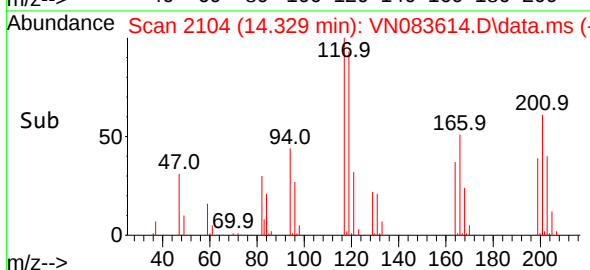
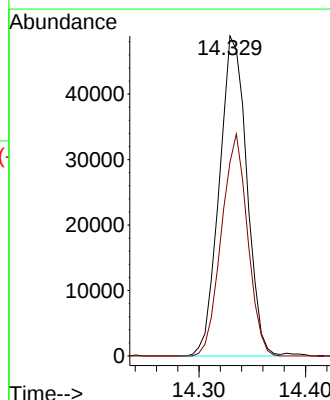
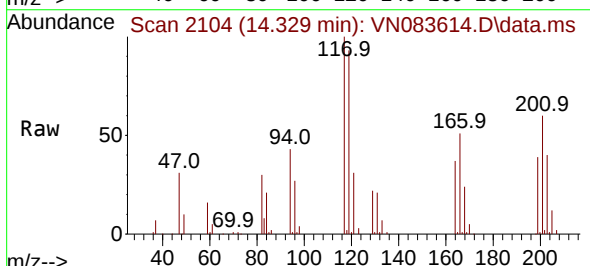
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#90
Hexachloroethane
Concen: 46.614 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

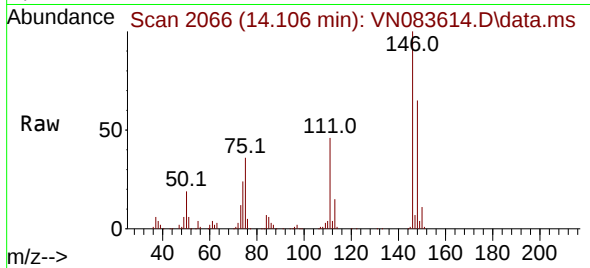
Tgt Ion:117 Resp: 87406
Ion Ratio Lower Upper
117 100
201 65.8 32.8 98.3





#91
1,2-Dichlorobenzene
Concen: 43.927 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

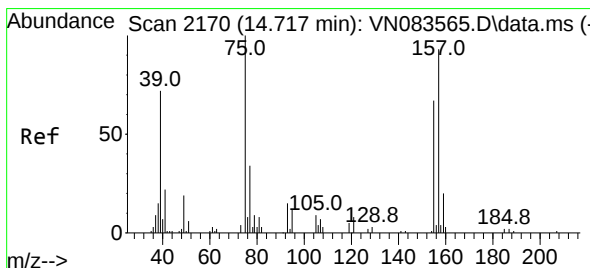
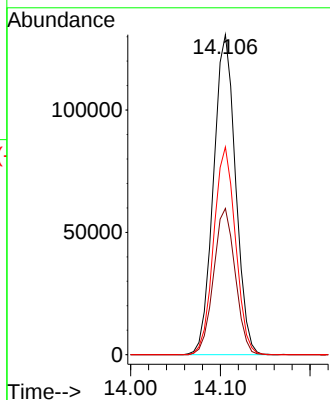
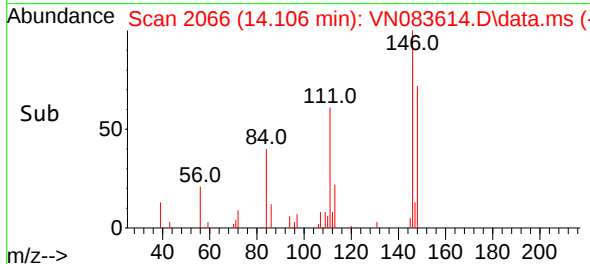
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



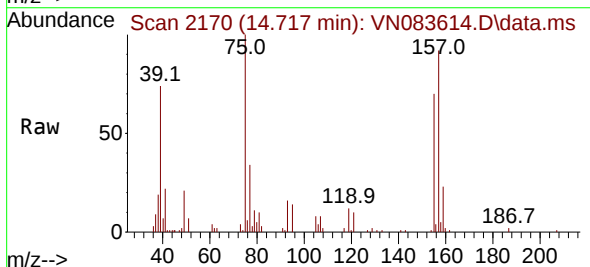
Tgt Ion:146 Resp: 223208
Ion Ratio Lower Upper
146 100
111 44.9 22.8 68.3
148 64.1 32.1 96.5

Manual Integrations
APPROVED

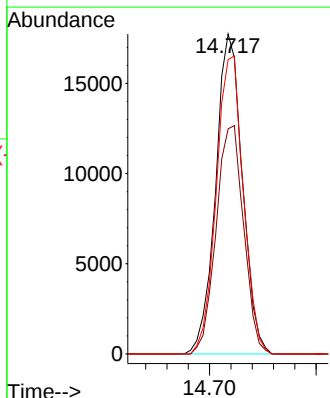
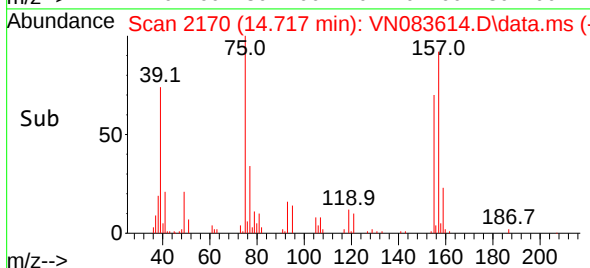
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024

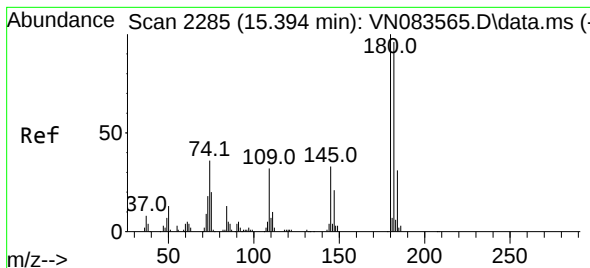


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.321 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43



Tgt Ion: 75 Resp: 30903
Ion Ratio Lower Upper
75 100
155 73.4 35.9 107.7
157 94.0 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 42.938 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN083614.D

Acq: 03 Sep 2024 09:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 123724

Ion Ratio Lower Upper

180 100

182 94.7 48.1 144.3

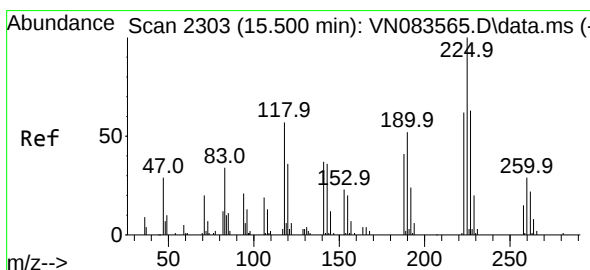
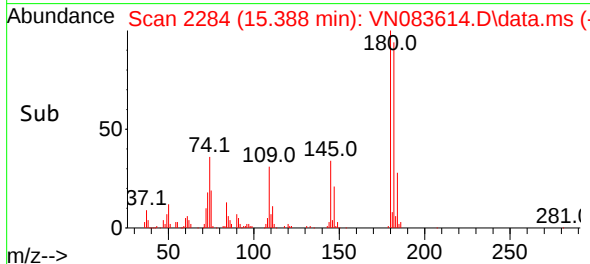
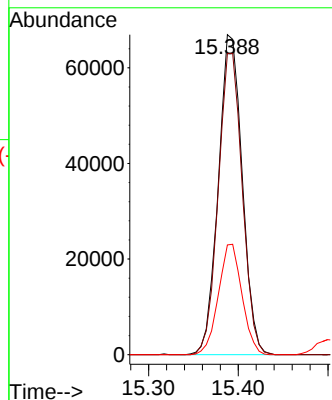
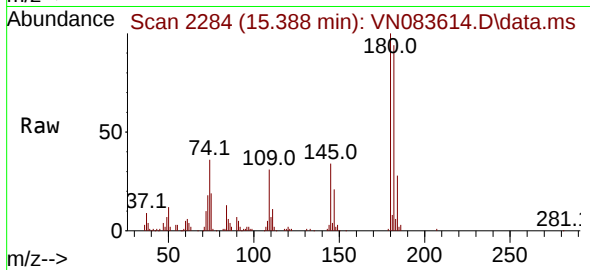
145 34.1 16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/04/2024

Supervised By :Mahesh Dadoda 09/04/2024



#94

Hexachlorobutadiene

Concen: 43.526 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN083614.D

Acq: 03 Sep 2024 09:43

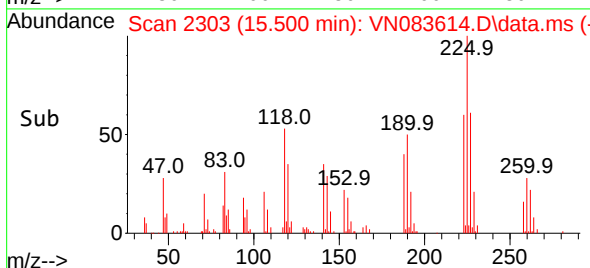
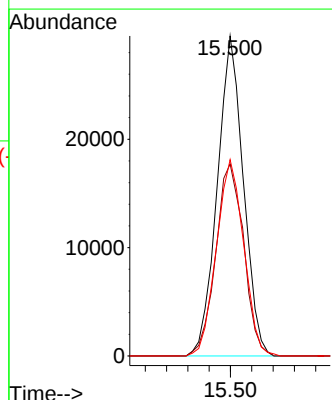
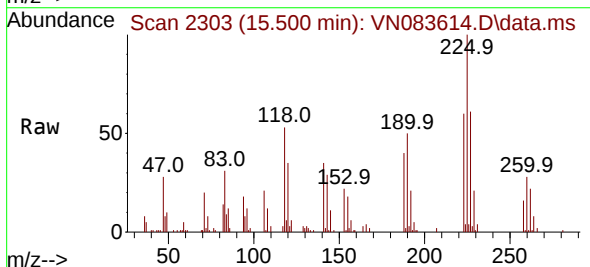
Tgt Ion:225 Resp: 50226

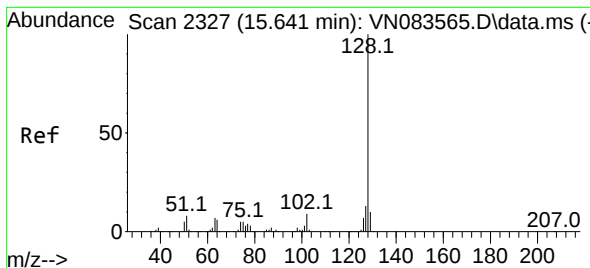
Ion Ratio Lower Upper

225 100

223 64.1 31.9 95.5

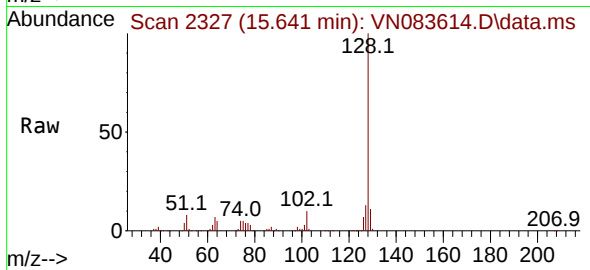
227 64.2 32.0 96.2





#95
Naphthalene
Concen: 42.576 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43

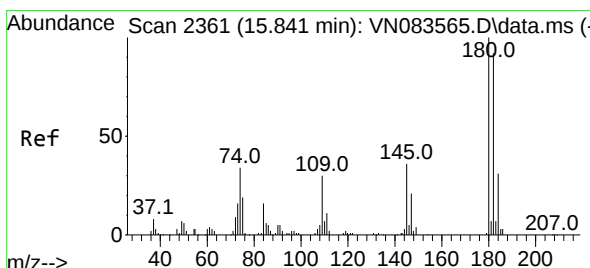
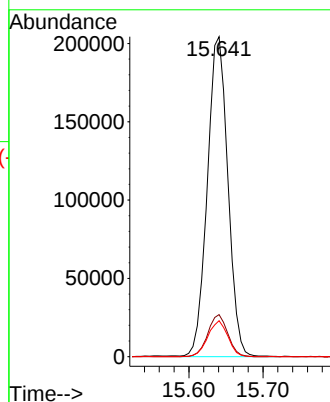
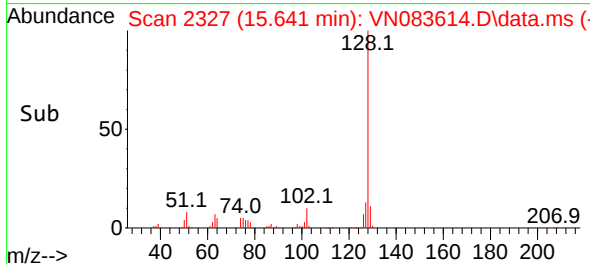
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



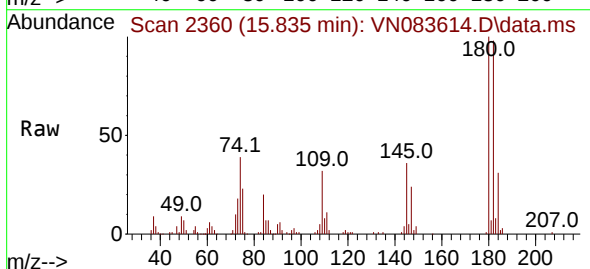
Tgt Ion:128 Resp: 39416
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#96
1,2,3-Trichlorobenzene
Concen: 40.387 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN083614.D
Acq: 03 Sep 2024 09:43



Tgt Ion:180 Resp: 116252
Ion Ratio Lower Upper
180 100
182 96.8 47.1 141.4
145 35.7 17.8 53.5

