

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081496.D
 Acq On : 20 Mar 2024 16:10
 Operator : JC\MD
 Sample : P1784-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 21 01:21:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	567144	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	950229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	825526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	374556	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	332446	45.965	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.920%
35) Dibromofluoromethane	8.165	113	286823	47.828	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.660%
50) Toluene-d8	10.565	98	1138212	52.505	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.020%
62) 4-Bromofluorobenzene	12.847	95	378537	49.556	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	99.120%

Target Compounds				Qvalue		
3) Chloromethane	2.312	50	1840	0.242	ug/l	# 43
11) Tert butyl alcohol	5.500	59	298	0.236	ug/l	# 72
13) Acrolein	4.142	56	56928	50.334	ug/l	# 1
14) Allyl chloride	5.130	41	56034	6.681	ug/l	# 22
15) Acrylonitrile	5.812	53	128938	38.239	ug/l	# 39
16) Acetone	4.424	43	370427	158.478	ug/l	# 56
17) Carbon Disulfide	4.759	76	27440	1.429	ug/l	# 94
18) Methyl Acetate	5.277	43	1772832	246.016	ug/l	# 54
20) Methylene Chloride	5.142	84	37190	4.857	ug/l	# 12
23) Vinyl Acetate	6.589	43	13216	0.852	ug/l	# 75
25) 2-Butanone	7.494	43	40661	10.142	ug/l	# 65
26) 2,2-Dichloropropane	7.330	77	37442	3.307	ug/l	# 53
29) Tetrahydrofuran	7.841	42	2540	0.940	ug/l	# 38
30) Chloroform	7.936	83	52295	3.743	ug/l	# 20
31) Cyclohexane	8.259	56	1543100	131.111	ug/l	# 72
36) 1,1-Dichloropropene	8.230	75	47336	4.690	ug/l	# 51
37) Ethyl Acetate	7.494	43	40661	4.705	ug/l	# 70
38) Carbon Tetrachloride	8.218	117	59161	5.351	ug/l	# 18
39) Methylcyclohexane	9.600	83	1005172	89.188	ug/l	# 87
40) Benzene	8.612	78	65004	2.203	ug/l	# 97
41) Methacrylonitrile	7.736	41	9121	1.996	ug/l	# 47
43) Isopropyl Acetate	8.706	43	229423	16.016	ug/l	# 57
45) 1,2-Dichloropropane	9.606	63	8376	1.171	ug/l	# 1
47) Bromodichloromethane	9.871	83	28442	2.679	ug/l	# 28
48) Methyl methacrylate	9.594	41	649463	98.297	ug/l	# 67
49) 1,4-Dioxane	9.953	88	58	0.365	ug/l	# 18
51) 4-Methyl-2-Pentanone	10.488	43	4760	0.545	ug/l	# 54
52) Toluene	10.630	92	1963902	104.724	ug/l	# 99
55) 1,1,2-Trichloroethane	11.006	97	175608	23.268	ug/l	# 17
56) Ethyl methacrylate	10.847	69	7361	1.289	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	10.171	63	2495	0.525	ug/l	# 52
59) 2-Hexanone	11.277	43	3499	0.541	ug/l	# 74
61) 1,2-Dibromoethane	11.435	107	2443	0.318	ug/l	# 1
65) Chlorobenzene	11.888	112	5476	0.281	ug/l	# 80
67) Ethyl Benzene	11.965	91	15588912	459.854	ug/l	# 89
68) m/p-Xylenes	12.071	106	10766484	847.190	ug/l	# 80

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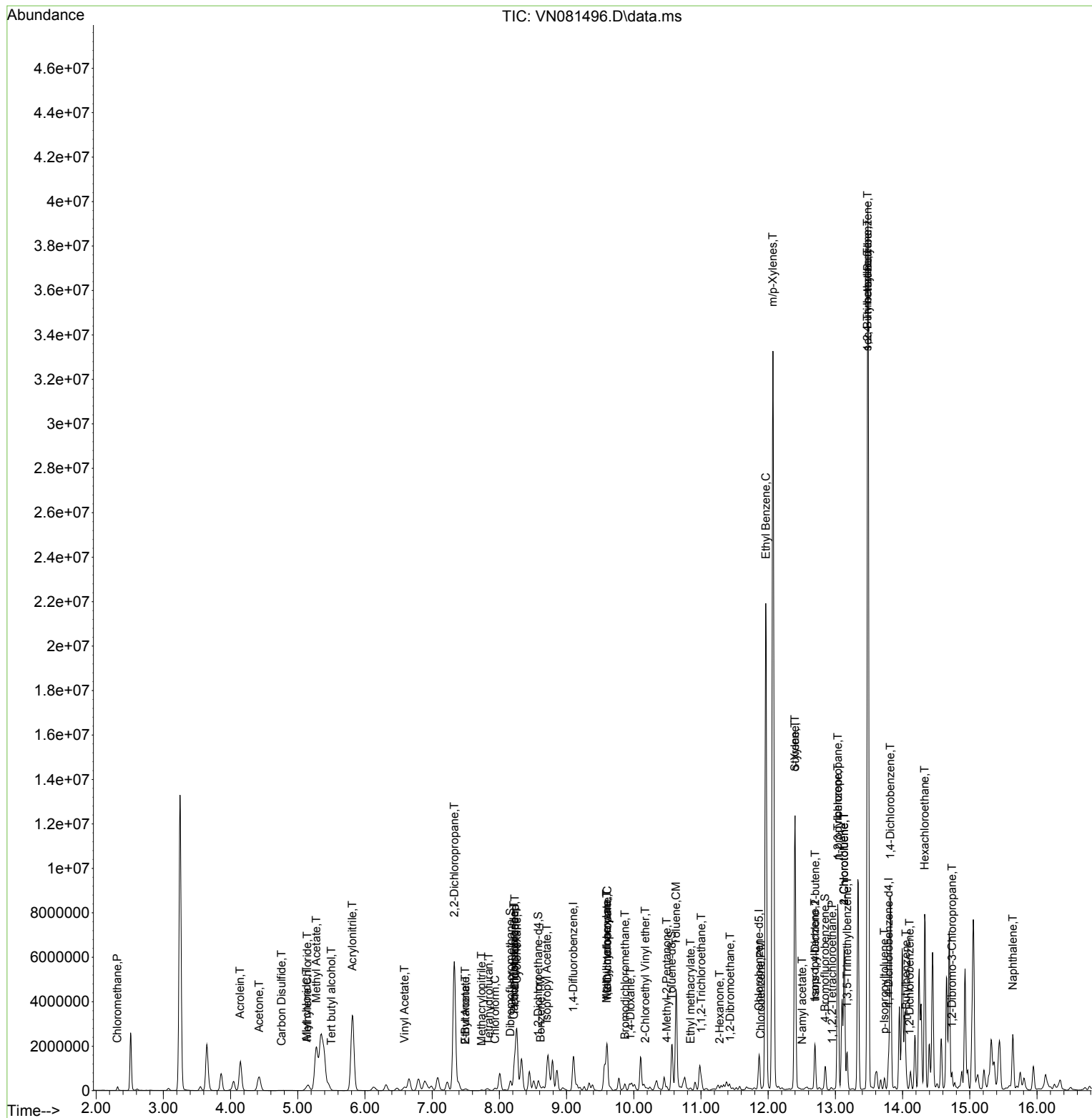
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) o-Xylene	12.400	106	3318134	265.957	ug/l	97
70) Styrene	12.400	104	185195	9.204	ug/l #	1
73) Isopropylbenzene	12.694	105	1354192	42.415	ug/l	98
74) N-amyl acetate	12.506	43	2447	0.212	ug/l #	6
75) 1,1,2,2-Tetrachloroethane	12.953	83	6313	0.673	ug/l #	96
76) 1,2,3-Trichloropropane	13.035	75	44807	5.001	ug/l #	1
78) n-propylbenzene	13.035	91	6721963	178.279	ug/l	96
79) 2-Chlorotoluene	13.129	91	411626	18.240	ug/l #	45
80) 1,3,5-Trimethylbenzene	13.176	105	845315	32.055	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.700	75	17378	5.241	ug/l #	59
82) 4-Chlorotoluene	13.129	91	411626	18.501	ug/l #	44
83) tert-Butylbenzene	13.482	119	2875488	126.450	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.476	105	17750752	669.732	ug/l	73
85) sec-Butylbenzene	13.476	105	17750752	546.041	ug/l #	60
86) p-Isopropyltoluene	13.729	119	260897	9.818	ug/l #	72
88) 1,4-Dichlorobenzene	13.818	146	6177	0.412	ug/l #	59
89) n-Butylbenzene	14.053	91	506487	21.495	ug/l #	70
90) Hexachloroethane	14.329	117	386079	76.715	ug/l #	21
91) 1,2-Dichlorobenzene	14.106	146	23440	1.681	ug/l #	46
92) 1,2-Dibromo-3-Chloropr...	14.735	75	3128	1.566	ug/l #	14
95) Naphthalene	15.641	128	2253965	86.255	ug/l	99

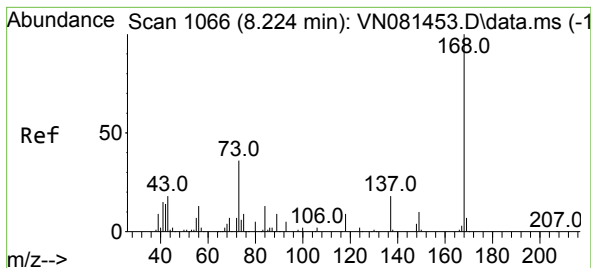
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

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MSVOA_N

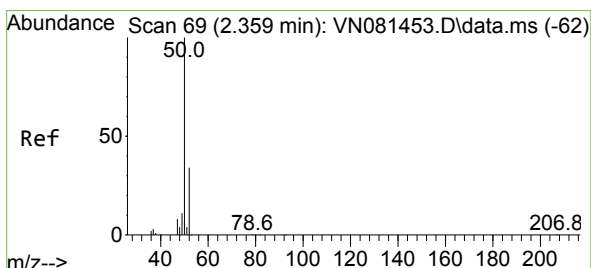
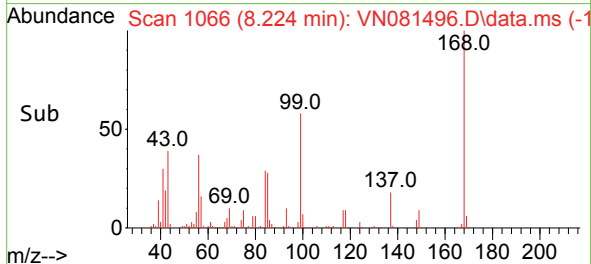
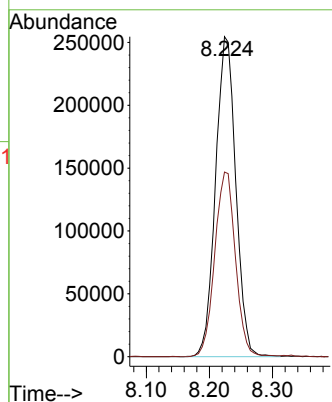
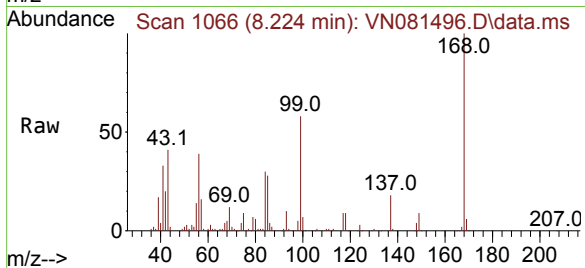
ClientSampleId :

Tgt Ion:168 Resp: 567144

Ion Ratio Lower Upper

168 100

99 57.7 59.9 89.9#



#3

Chloromethane

Concen: 0.242 ug/l

RT: 2.312 min Scan# 61

Delta R.T. -0.047 min

Lab File: VN081496.D

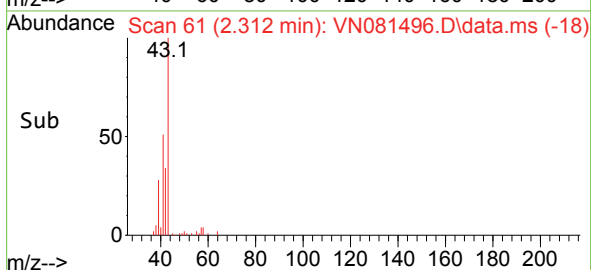
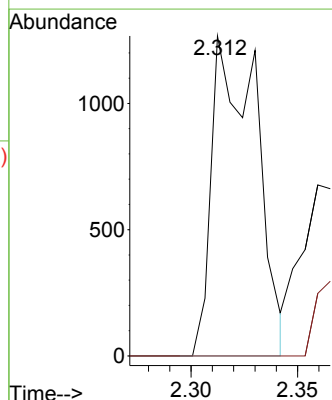
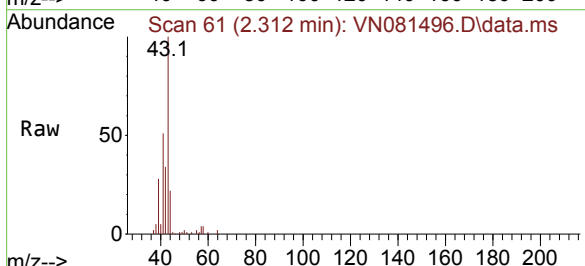
Acq: 20 Mar 2024 16:10

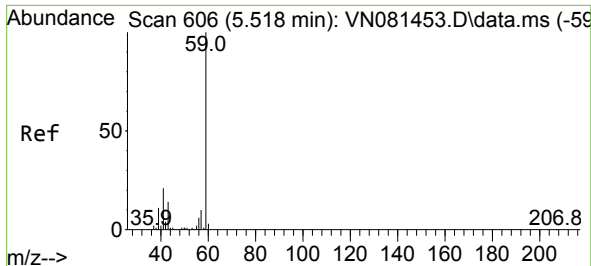
Tgt Ion: 50 Resp: 1840

Ion Ratio Lower Upper

50 100

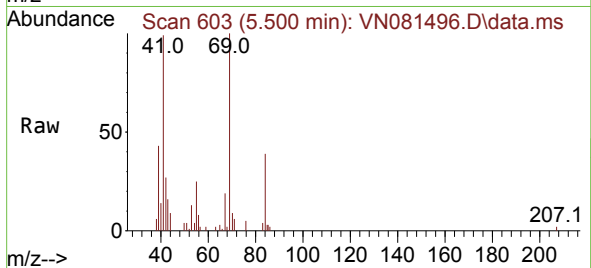
52 0.0 25.0 37.4#



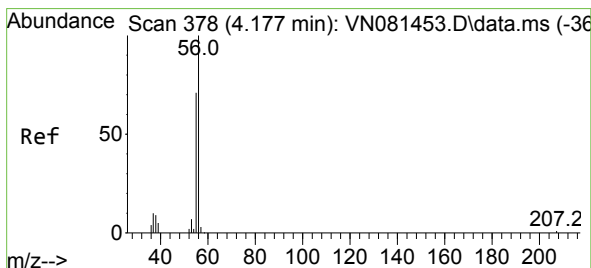
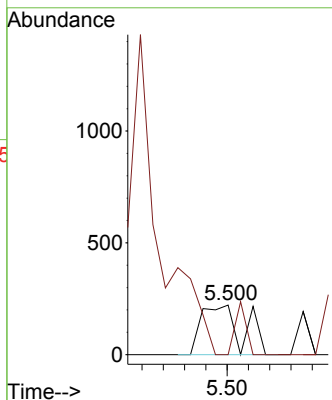
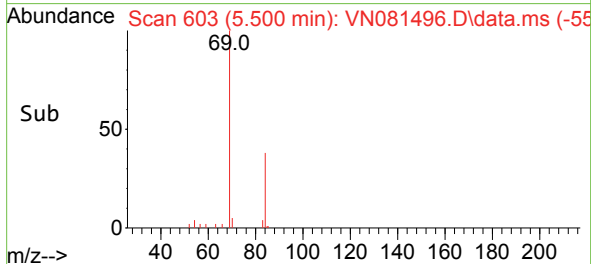


#11
Tert butyl alcohol
Concen: 0.236 ug/l
RT: 5.500 min Scan# 606
Delta R.T. -0.017 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

Instrument :
MSVOA_N
ClientSampleId :

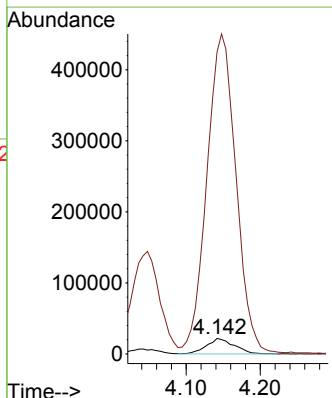
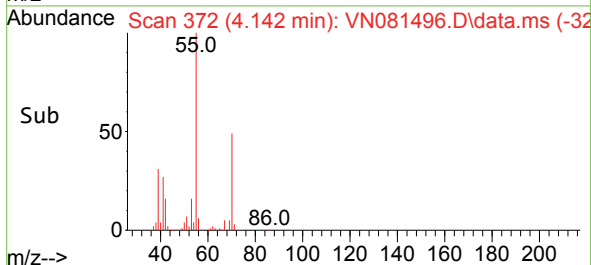
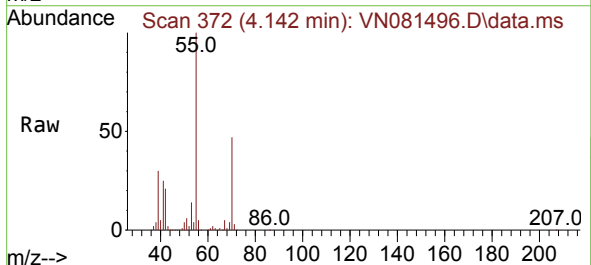


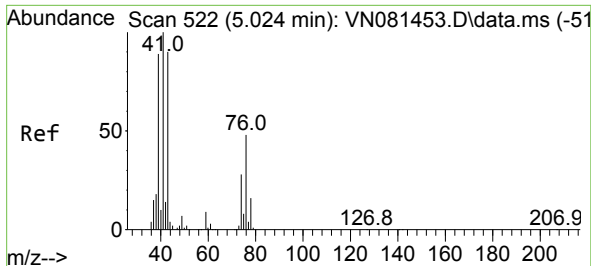
Tgt Ion: 59 Resp: 298
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 50.334 ug/l
RT: 4.142 min Scan# 372
Delta R.T. -0.035 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

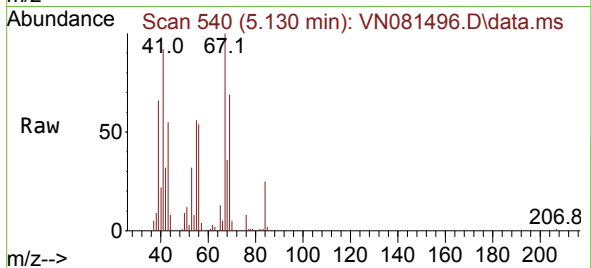
Tgt Ion: 56 Resp: 56928
Ion Ratio Lower Upper
56 100
55 2150.1 55.3 82.9#



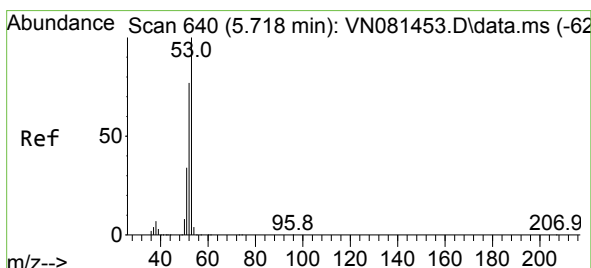
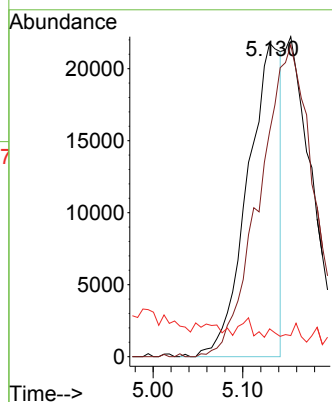
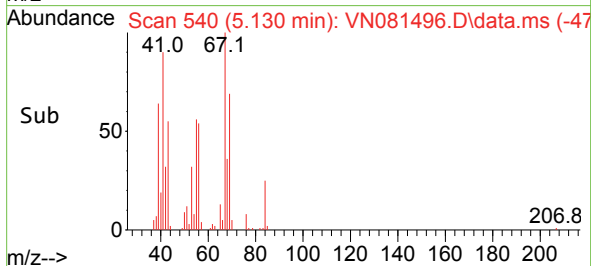


#14
 Allyl chloride
 Concen: 6.681 ug/l
 RT: 5.130 min Scan# 541
 Delta R.T. 0.106 min
 Lab File: VN081496.D
 Acq: 20 Mar 2024 16:10

Instrument :
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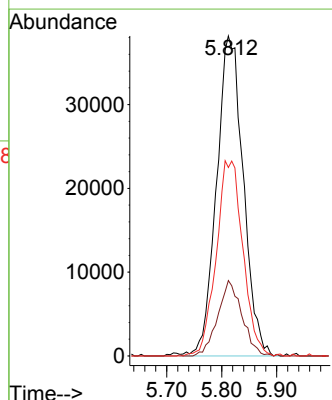
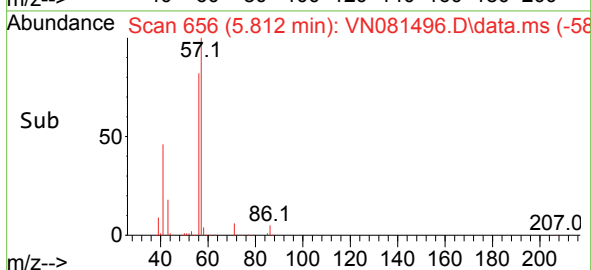
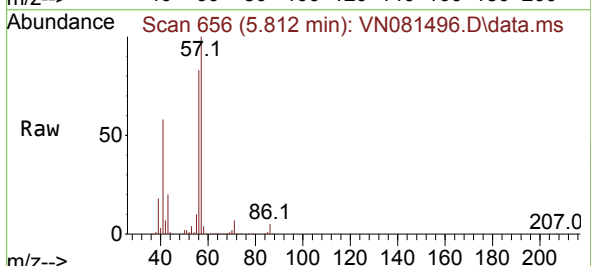


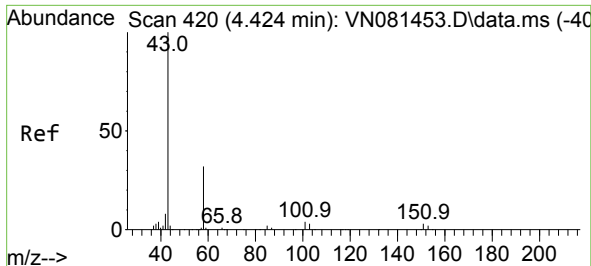
Tgt Ion: 41 Resp: 56034
 Ion Ratio Lower Upper
 41 100
 39 0.0 57.7 86.5#
 76 0.0 26.8 40.2#



#15
 Acrylonitrile
 Concen: 38.239 ug/l
 RT: 5.812 min Scan# 656
 Delta R.T. 0.094 min
 Lab File: VN081496.D
 Acq: 20 Mar 2024 16:10

Tgt Ion: 53 Resp: 128938
 Ion Ratio Lower Upper
 53 100
 52 21.4 64.8 97.2#
 51 60.9 26.9 40.3#

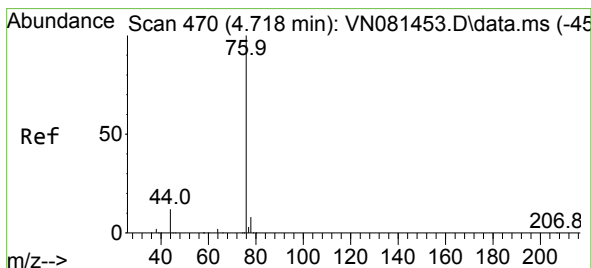
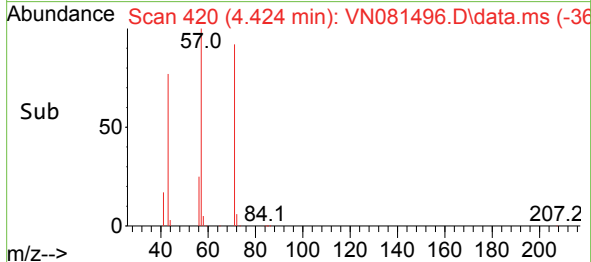
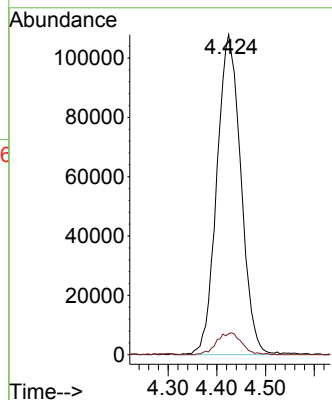
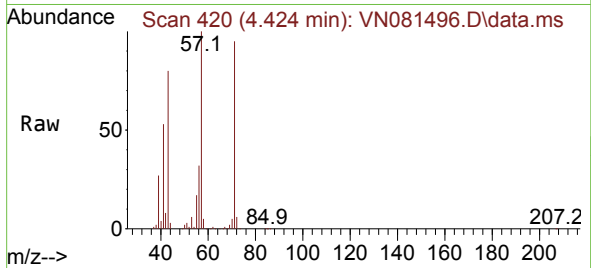




#16
Acetone
Concen: 158.478 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

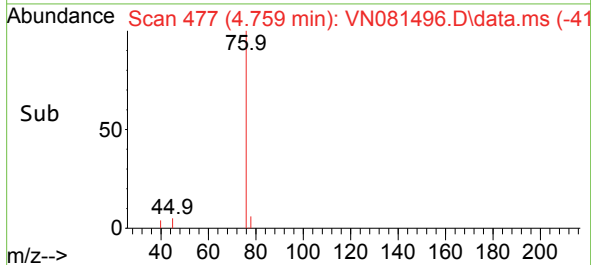
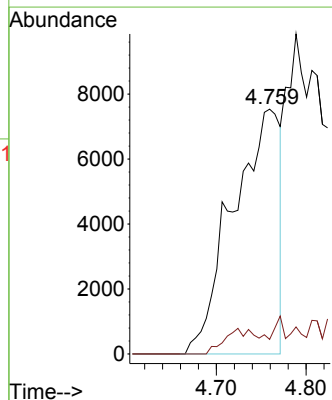
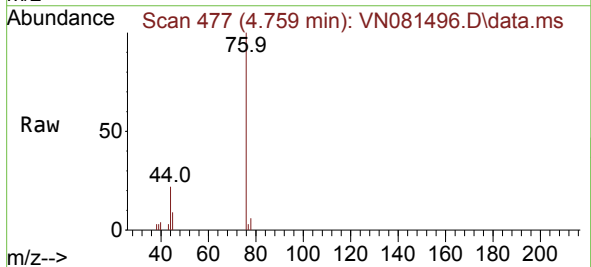
Instrument :
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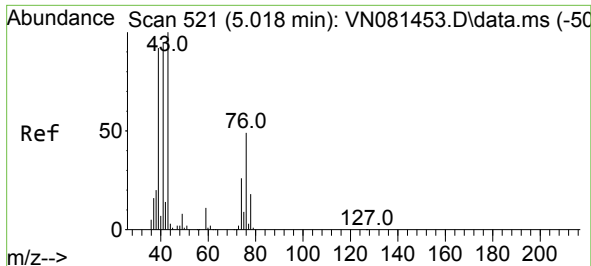
Tgt Ion: 43 Resp: 370427
Ion Ratio Lower Upper
43 100
58 6.6 24.8 37.2#



#17
Carbon Disulfide
Concen: 1.429 ug/l
RT: 4.759 min Scan# 477
Delta R.T. 0.041 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

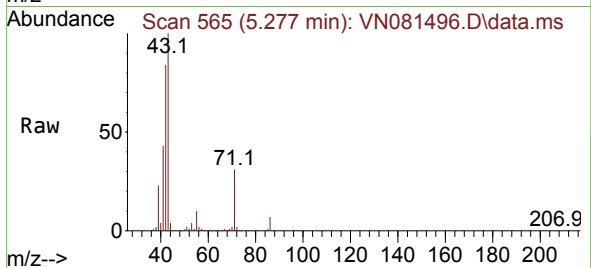
Tgt Ion: 76 Resp: 27440
Ion Ratio Lower Upper
76 100
78 5.9 6.3 9.5#



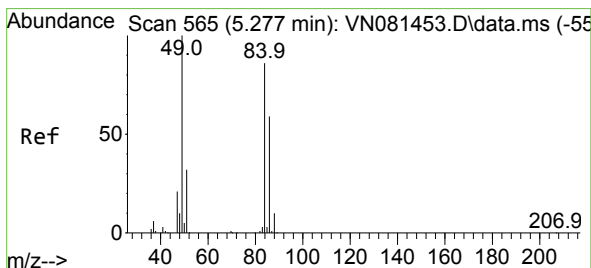
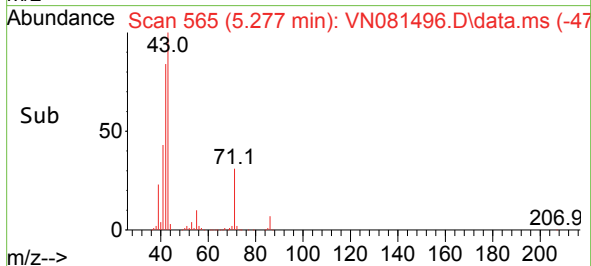
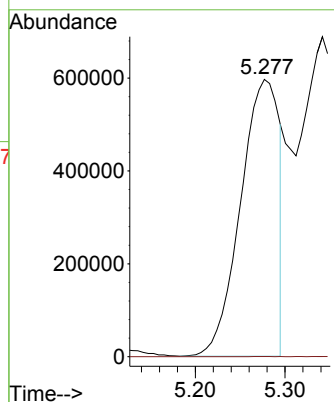


#18
Methyl Acetate
Concen: 246.016 ug/l
RT: 5.277 min Scan# 501
Delta R.T. 0.259 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

Instrument :
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ClientSampleId :

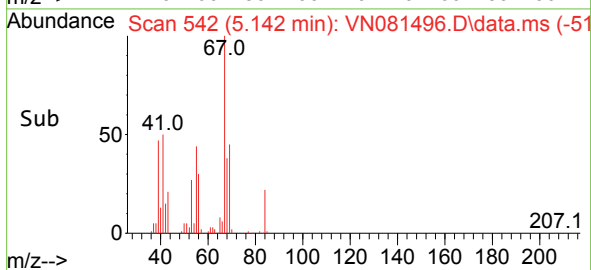
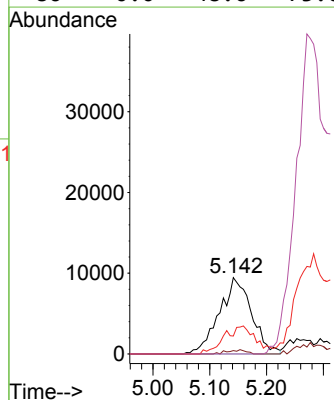
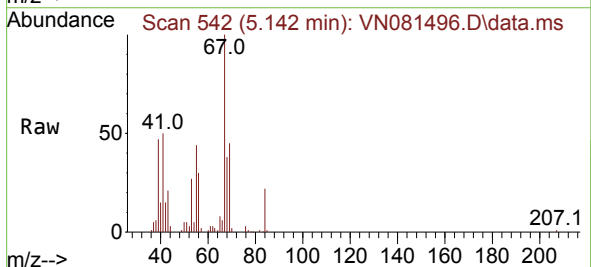


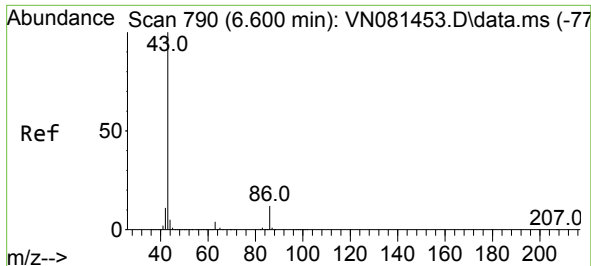
Tgt Ion: 43 Resp: 1772832
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9#



#20
Methylene Chloride
Concen: 4.857 ug/l
RT: 5.142 min Scan# 542
Delta R.T. -0.135 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

Tgt Ion: 84 Resp: 37190
Ion Ratio Lower Upper
84 100
49 4.5 108.1 162.1#
51 23.5 32.9 49.3#
86 0.0 48.6 73.0#

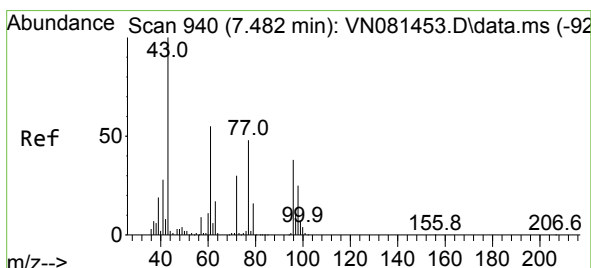
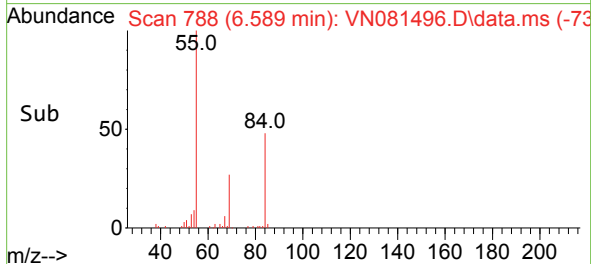
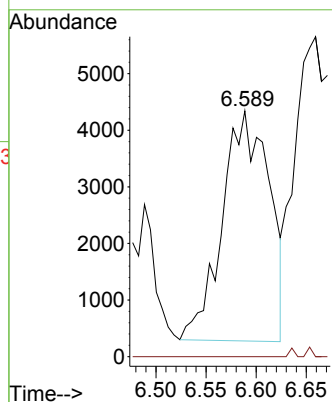
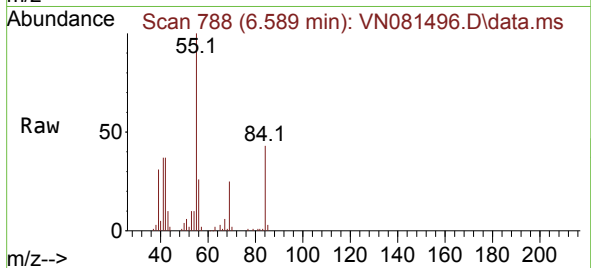




#23
Vinyl Acetate
Concen: 0.852 ug/l
RT: 6.589 min Scan# 71
Delta R.T. -0.012 min
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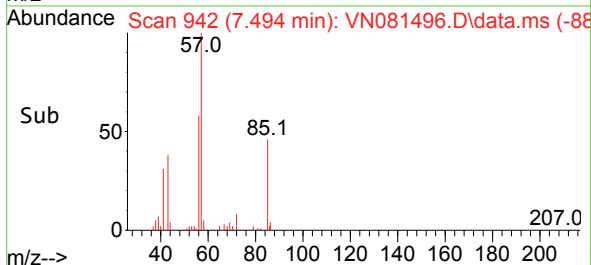
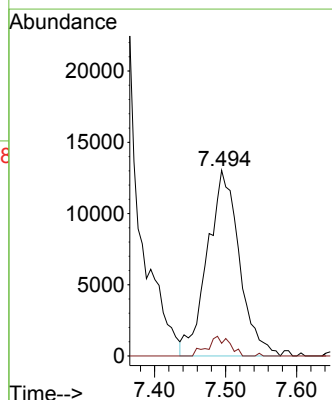
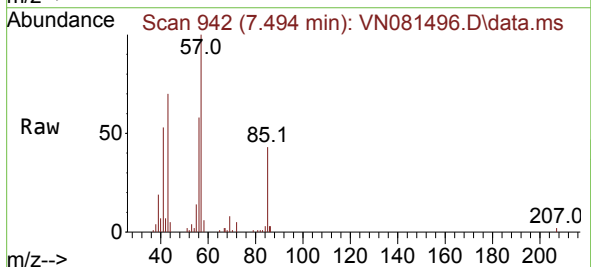
Instrument :
MSVOA_N
ClientSampleId :

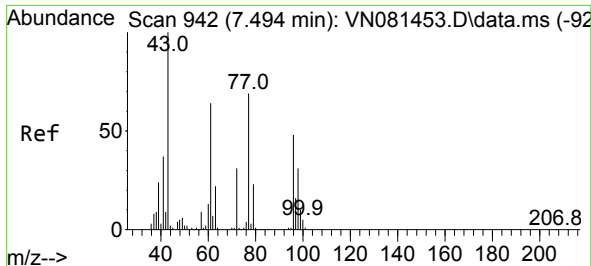
Tgt Ion: 43 Resp: 13216
Ion Ratio Lower Upper
43 100
86 0.0 7.1 10.7#



#25
2-Butanone
Concen: 10.142 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

Tgt Ion: 43 Resp: 40661
Ion Ratio Lower Upper
43 100
72 6.8 19.5 29.3#

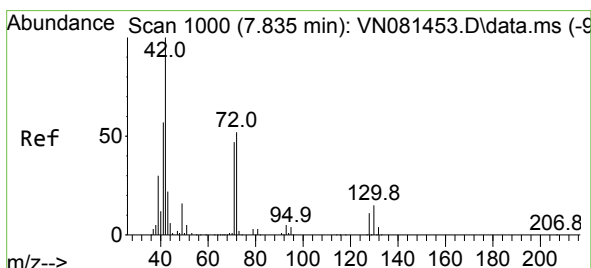
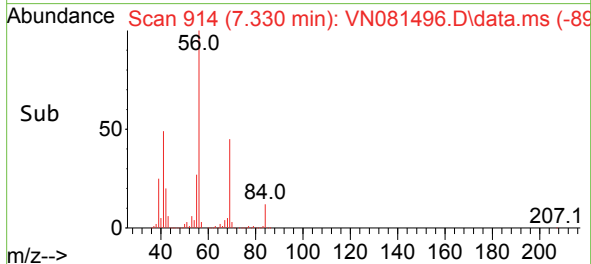
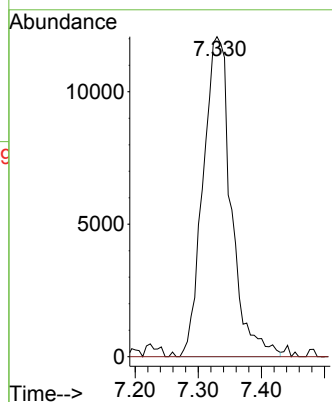
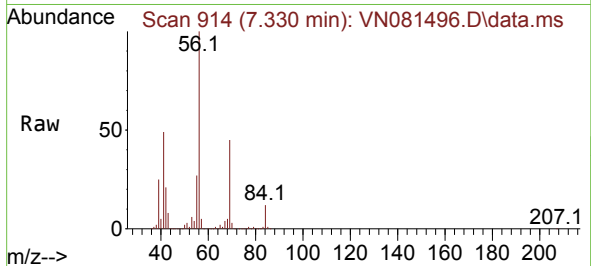




#26
2,2-Dichloropropane
Concen: 3.307 ug/l
RT: 7.330 min Scan# 91
Delta R.T. -0.165 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

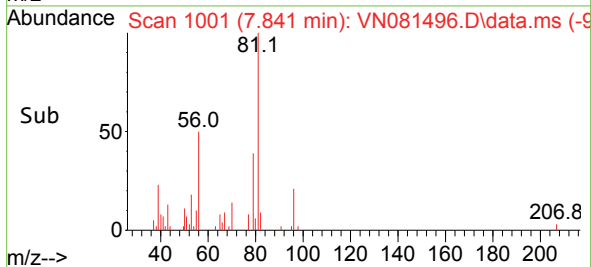
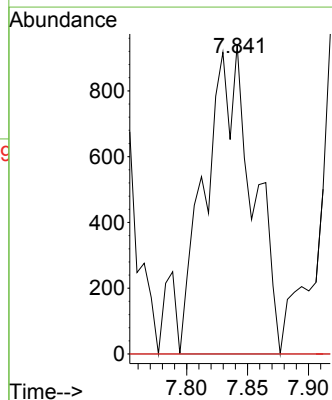
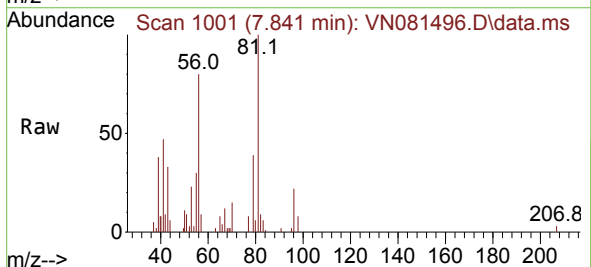
Instrument :
MSVOA_N
ClientSampleId :

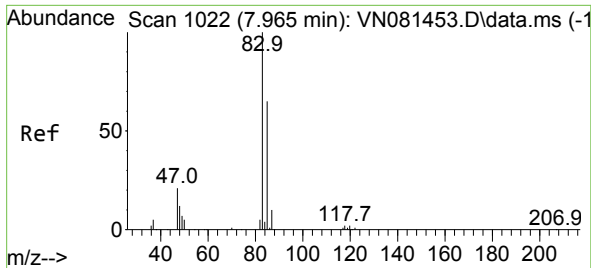
Tgt Ion: 77 Resp: 37442
Ion Ratio Lower Upper
77 100
97 0.0 11.5 34.5#



#29
Tetrahydrofuran
Concen: 0.940 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

Tgt Ion: 42 Resp: 2540
Ion Ratio Lower Upper
42 100
72 0.0 31.1 46.7#
71 0.0 28.3 42.5#

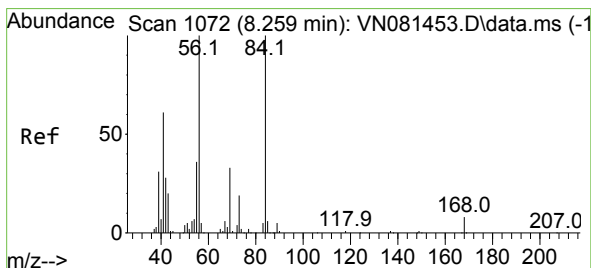
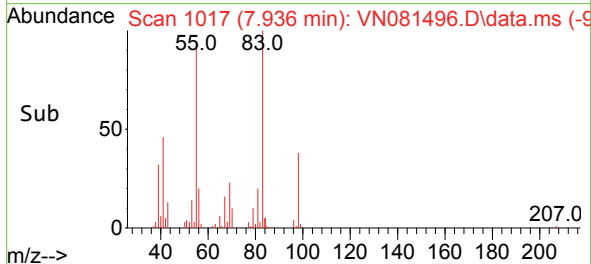
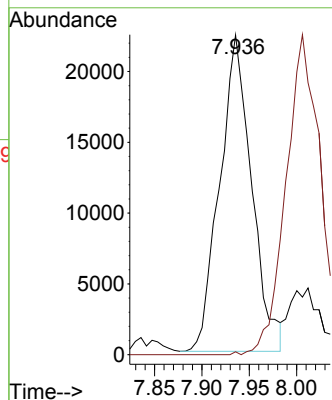
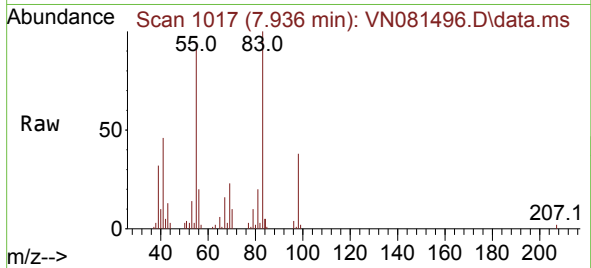




#30
Chloroform
Concen: 3.743 ug/l
RT: 7.936 min Scan# 1017
Delta R.T. -0.029 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

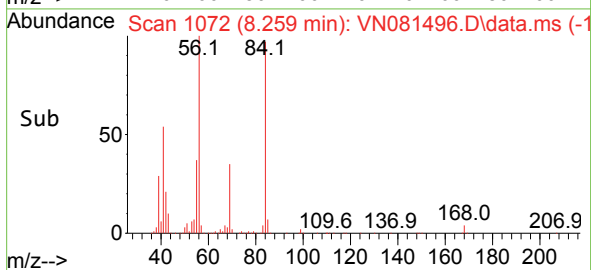
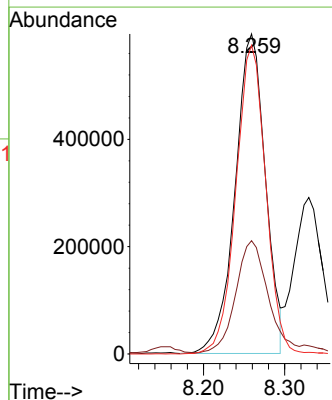
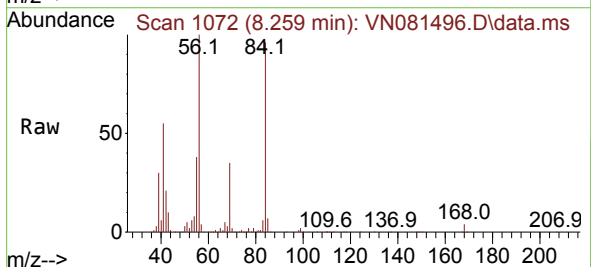
Instrument :
MSVOA_N
ClientSampleId :

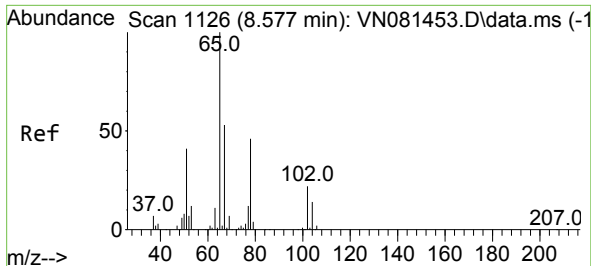
Tgt Ion: 83 Resp: 52295
Ion Ratio Lower Upper
83 100
85 0.9 51.0 76.6#



#31
Cyclohexane
Concen: 131.111 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

Tgt Ion: 56 Resp: 1543100
Ion Ratio Lower Upper
56 100
69 34.3 20.1 30.1#
84 96.6 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 45.965 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081496.D

Acq: 20 Mar 2024 16:10

Instrument :

MSVOA_N

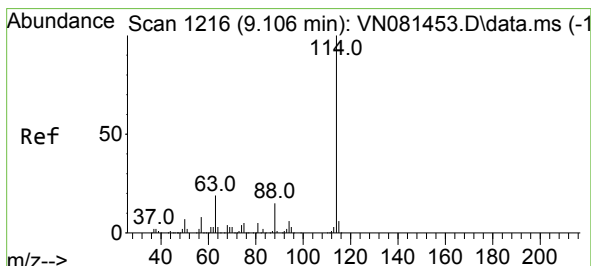
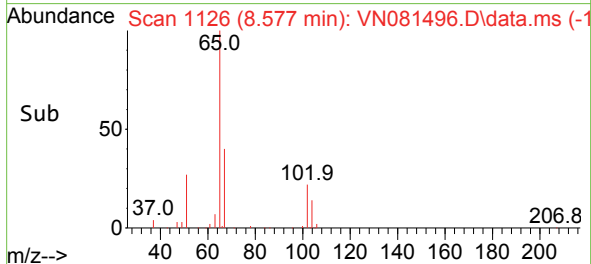
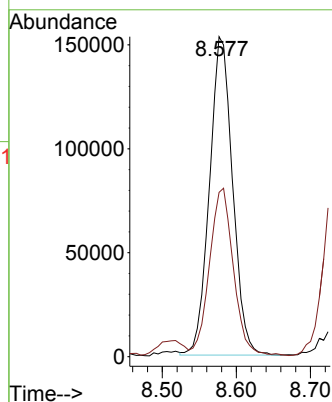
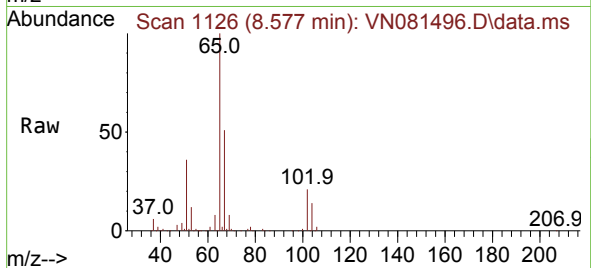
ClientSampleId :

Tgt Ion: 65 Resp: 332446

Ion Ratio Lower Upper

65 100

67 54.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081496.D

Acq: 20 Mar 2024 16:10

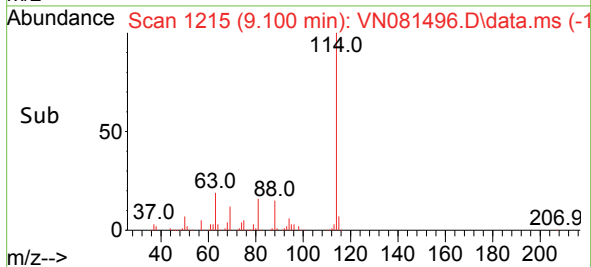
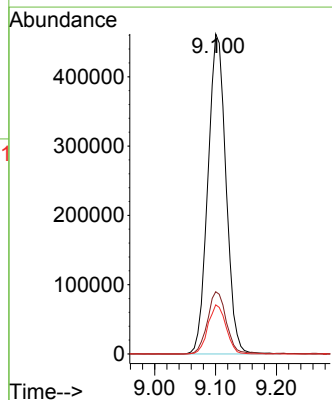
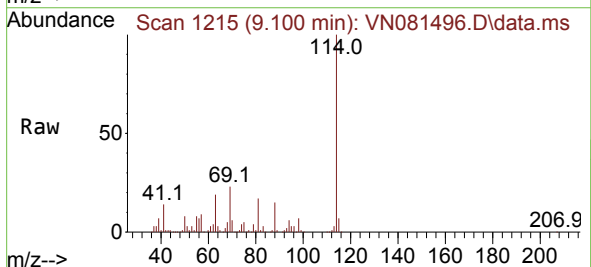
Tgt Ion: 114 Resp: 950229

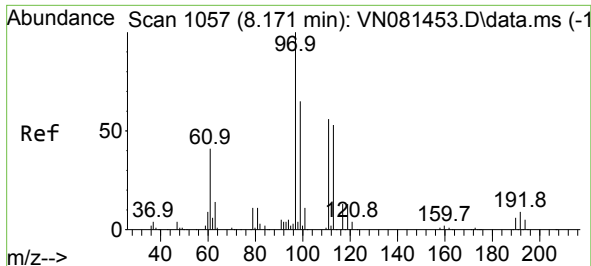
Ion Ratio Lower Upper

114 100

63 19.5 0.0 48.0

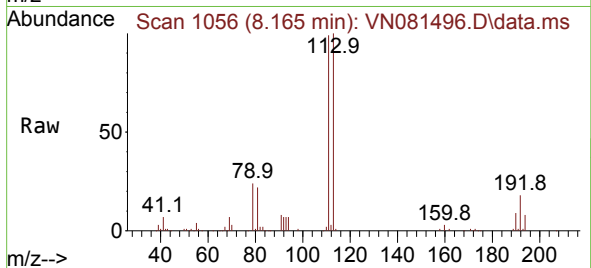
88 15.4 0.0 34.8



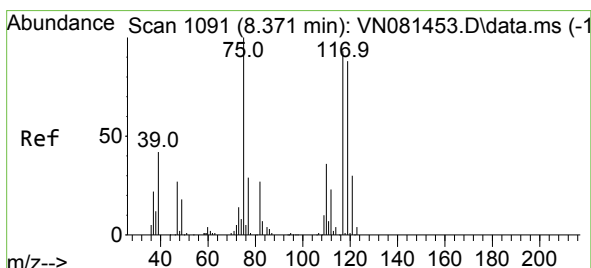
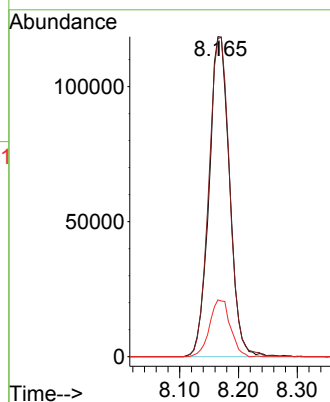
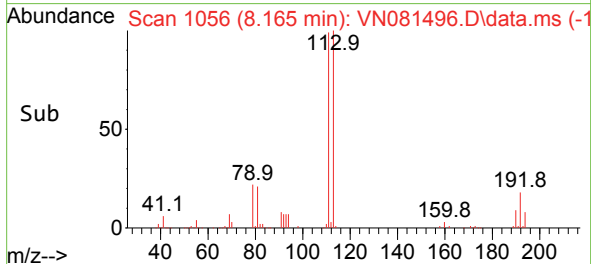


#35
Dibromofluoromethane
Concen: 47.828 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

Instrument :
MSVOA_N
ClientSampleId :

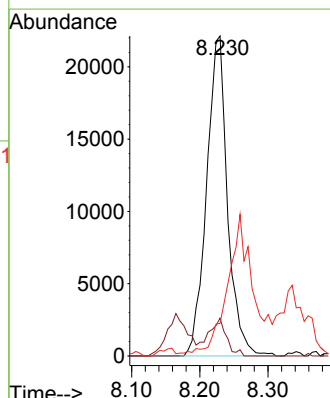
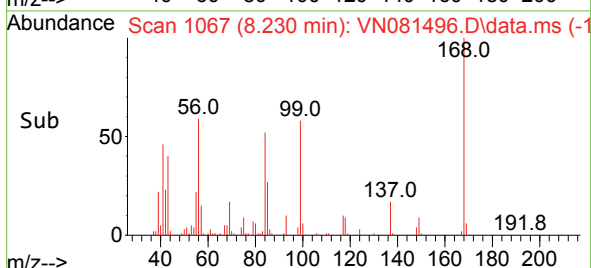
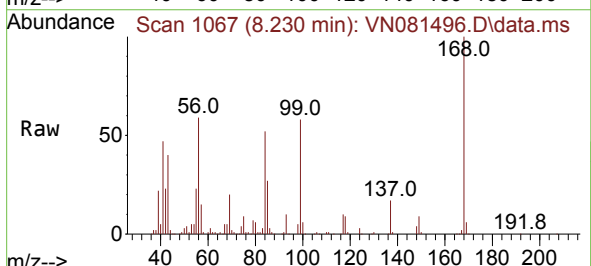


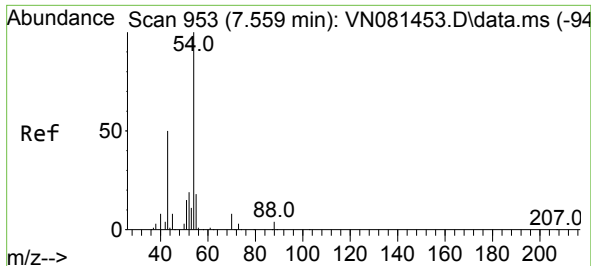
Tgt Ion:113 Resp: 286823
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 18.0 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.690 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

Tgt Ion: 75 Resp: 47336
Ion Ratio Lower Upper
75 100
110 9.0 16.0 48.0#
77 0.0 25.8 38.6#





#37

Ethyl Acetate

Concen: 4.705 ug/l

RT: 7.494 min Scan# 94

Delta R.T. -0.065 min

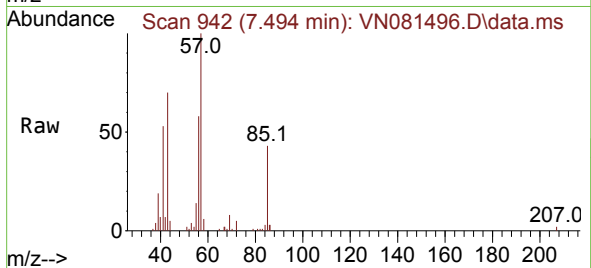
Lab File: VN081496.D

Acq: 20 Mar 2024 16:10

Instrument :

MSVOA_N

ClientSampleId :



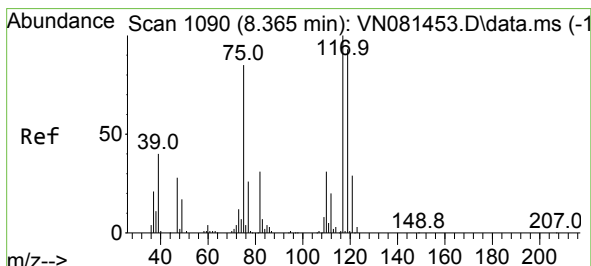
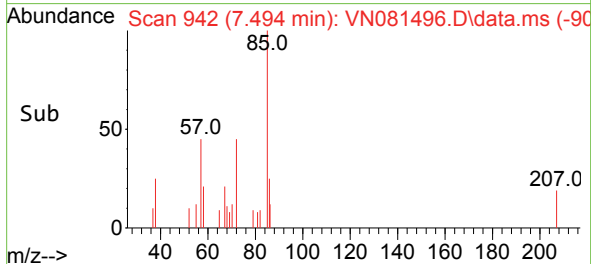
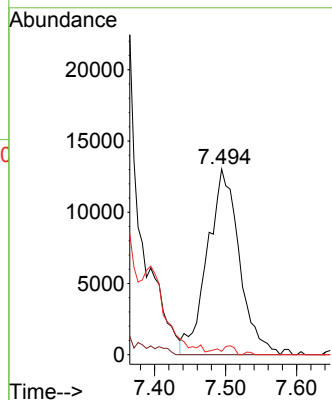
Tgt Ion: 43 Resp: 40661

Ion Ratio Lower Upper

43 100

61 0.0 10.6 15.8#

70 0.0 8.0 12.0#



#38

Carbon Tetrachloride

Concen: 5.351 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN081496.D

Acq: 20 Mar 2024 16:10

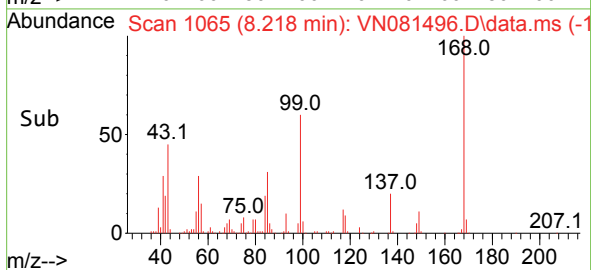
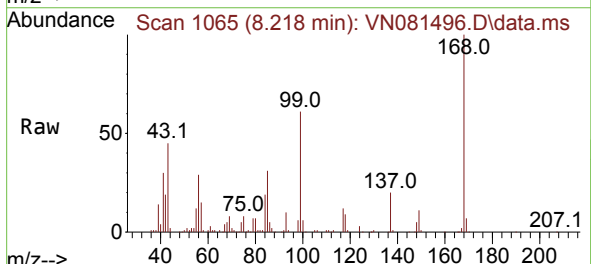
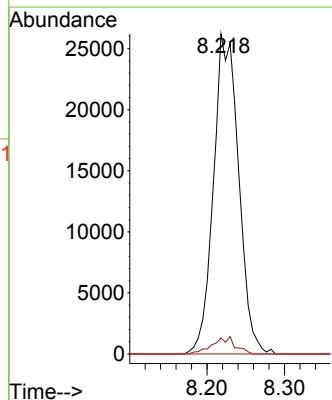
Tgt Ion: 117 Resp: 59161

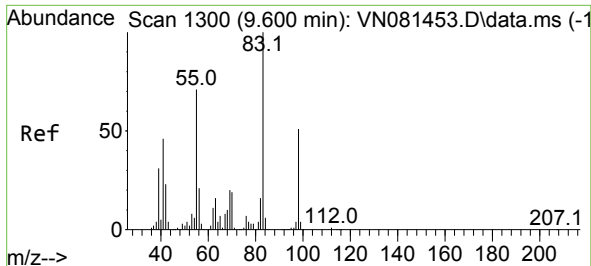
Ion Ratio Lower Upper

117 100

119 5.0 73.4 110.2#

121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 89.188 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

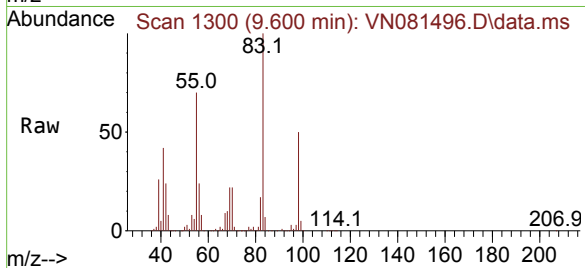
Lab File: VN081496.D

Acq: 20 Mar 2024 16:10

Instrument :

MSVOA_N

ClientSampleId :



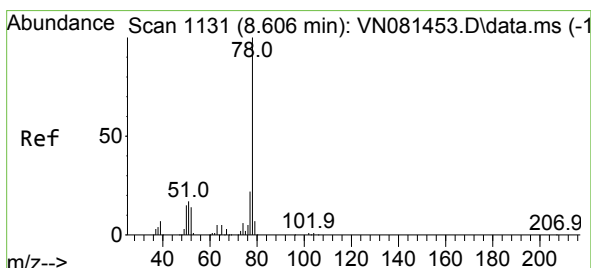
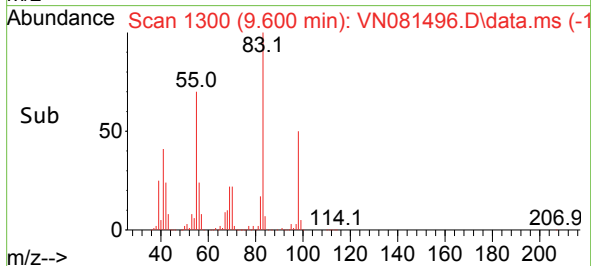
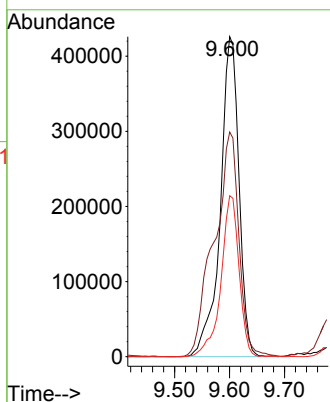
Tgt Ion: 83 Resp: 1005172

Ion Ratio Lower Upper

83 100

55 70.1 65.7 98.5

98 50.3 33.8 50.6



#40

Benzene

Concen: 2.203 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN081496.D

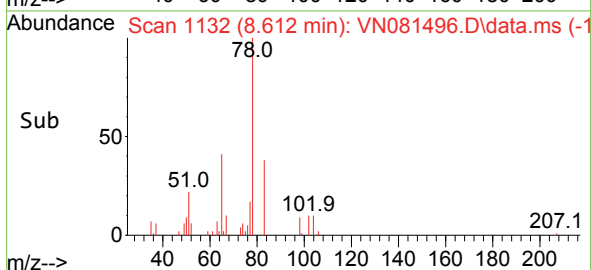
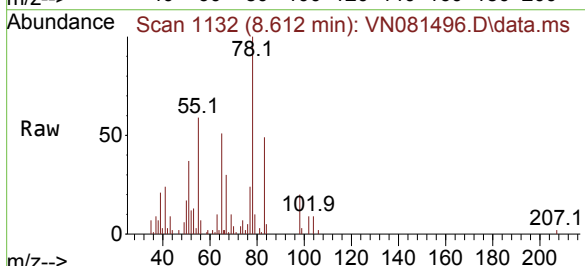
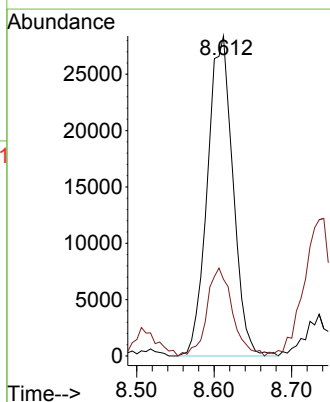
Acq: 20 Mar 2024 16:10

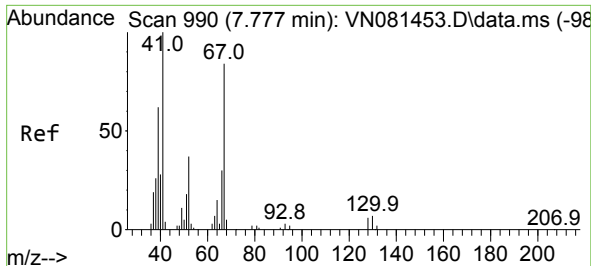
Tgt Ion: 78 Resp: 65004

Ion Ratio Lower Upper

78 100

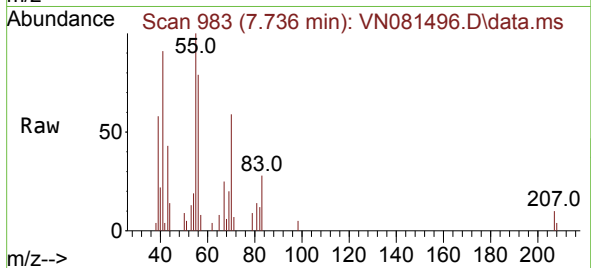
77 23.9 20.4 30.6



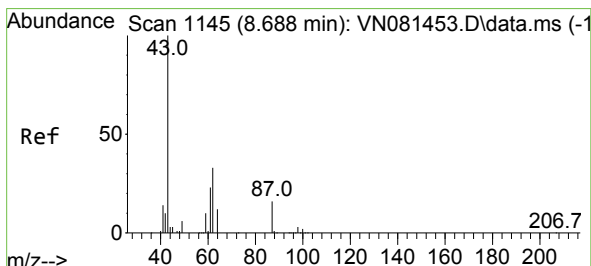
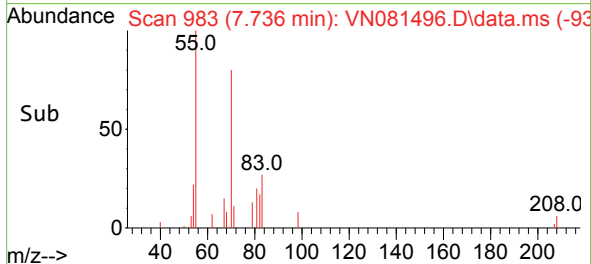
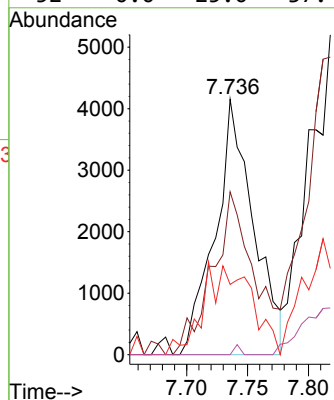


#41
Methacrylonitrile
Concen: 1.996 ug/l
RT: 7.736 min Scan# 91
Delta R.T. -0.041 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

Instrument :
MSVOA_N
ClientSampleId :

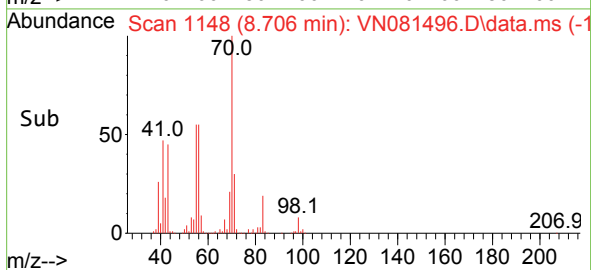
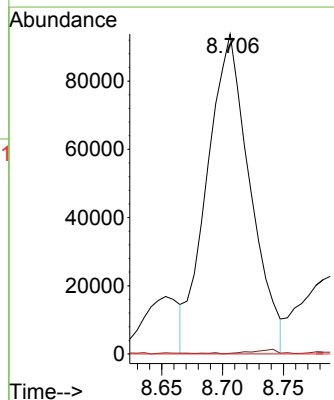
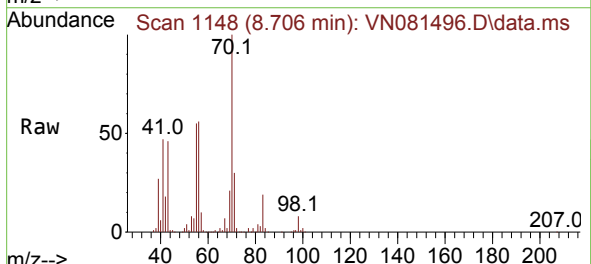


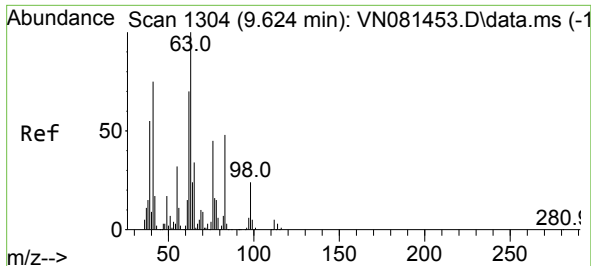
Tgt Ion:	41	Resp:	9121
Ion	Ratio	Lower	Upper
41	100		
39	69.4	48.4	72.6
67	0.0	56.8	85.2#
52	0.0	25.0	37.4#



#43
Isopropyl Acetate
Concen: 16.016 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.018 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

Tgt Ion:	43	Resp:	229423
Ion	Ratio	Lower	Upper
43	100		
61	0.1	19.9	29.9#
87	0.0	9.0	13.6#





#45

1,2-Dichloropropane

Concen: 1.171 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.017 min

Lab File: VN081496.D

Acq: 20 Mar 2024 16:10

Instrument :

MSVOA_N

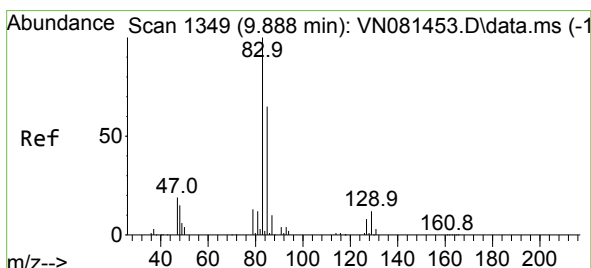
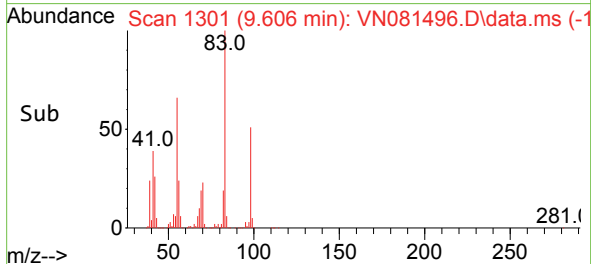
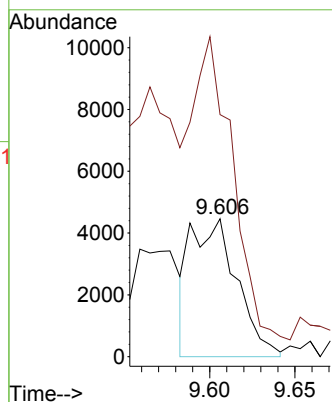
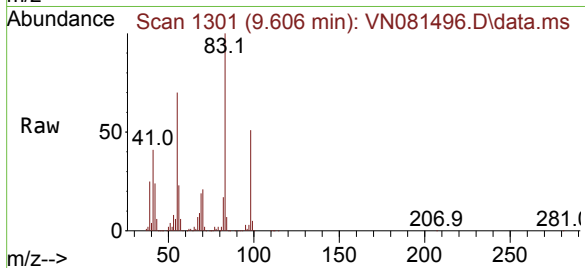
ClientSampleId :

Tgt Ion: 63 Resp: 8376

Ion Ratio Lower Upper

63 100

65 166.4 26.1 39.1#



#47

Bromodichloromethane

Concen: 2.679 ug/l

RT: 9.871 min Scan# 1346

Delta R.T. -0.017 min

Lab File: VN081496.D

Acq: 20 Mar 2024 16:10

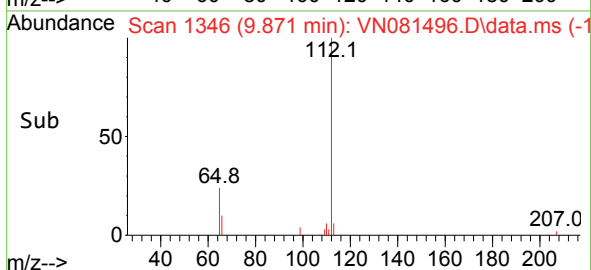
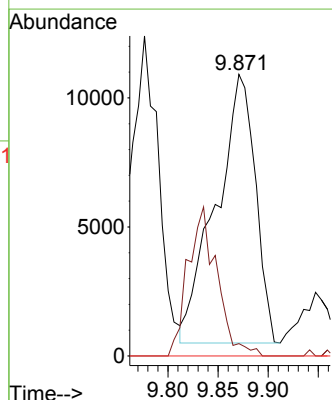
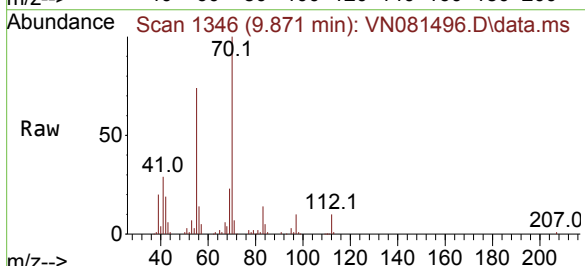
Tgt Ion: 83 Resp: 28442

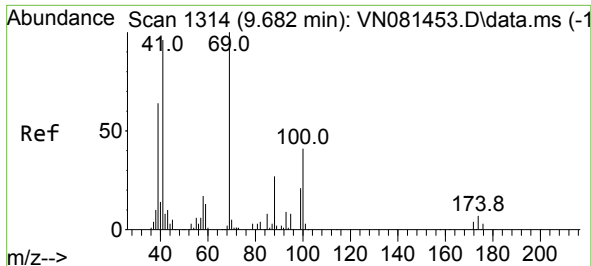
Ion Ratio Lower Upper

83 100

85 4.6 52.3 78.5#

127 0.0 4.6 7.0#





#48

Methyl methacrylate

Concen: 98.297 ug/l

RT: 9.594 min Scan# 1

Delta R.T. -0.088 min

Lab File: VN081496.D

Acq: 20 Mar 2024 16:10

Instrument :

MSVOA_N

ClientSampleId :

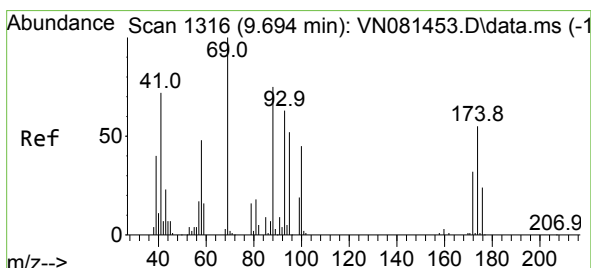
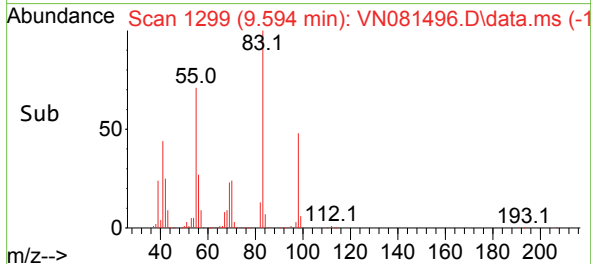
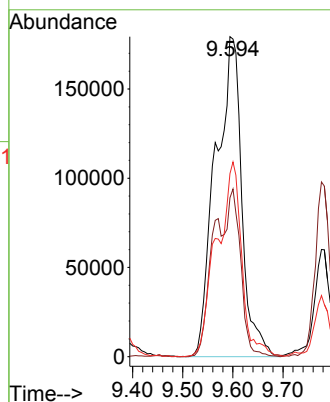
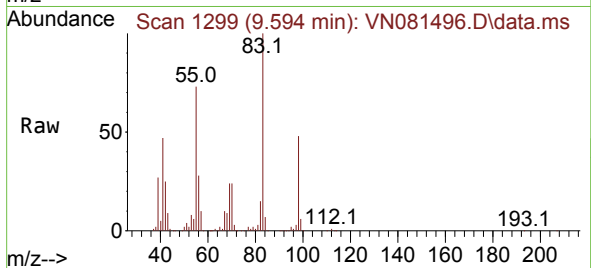
Tgt Ion: 41 Resp: 649463

Ion Ratio Lower Upper

41 100

69 27.5 62.2 93.2#

39 58.3 47.6 71.4



#49

1,4-Dioxane

Concen: 0.365 ug/l

RT: 9.953 min Scan# 1360

Delta R.T. 0.259 min

Lab File: VN081496.D

Acq: 20 Mar 2024 16:10

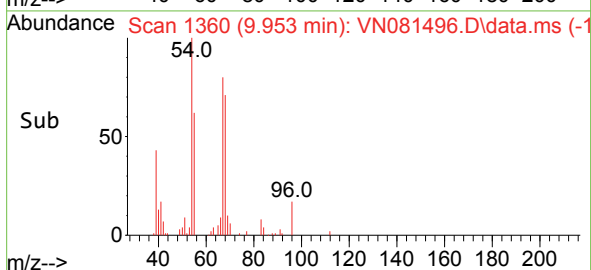
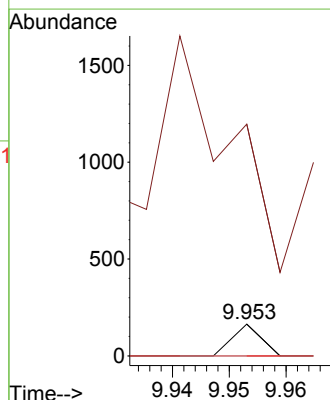
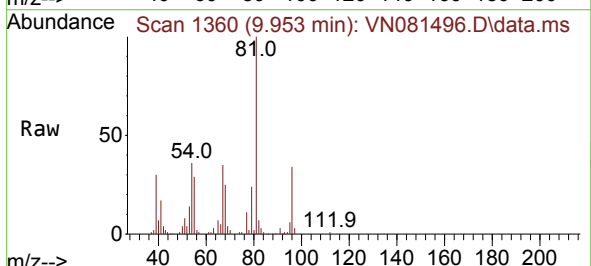
Tgt Ion: 88 Resp: 58

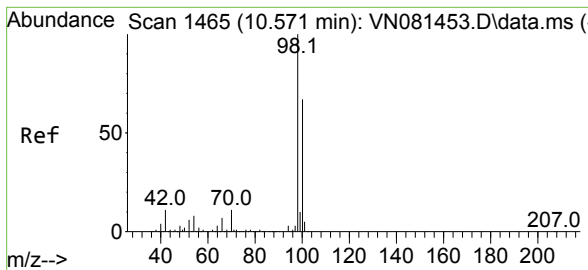
Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 0.0 63.9 95.9#

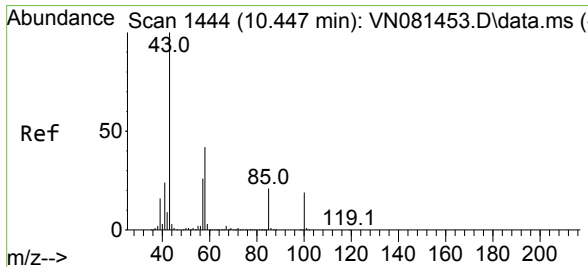
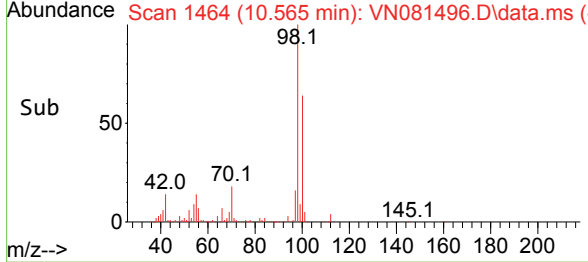
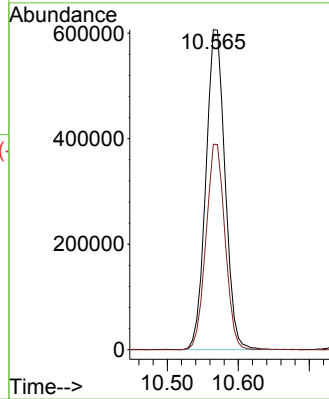
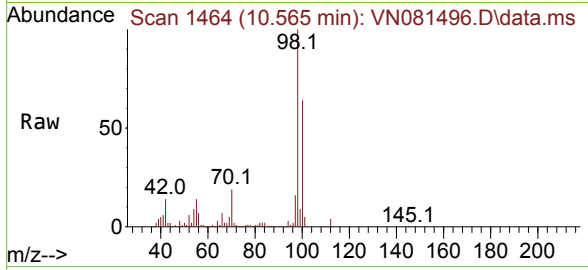




#50
Toluene-d8
Concen: 52.505 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

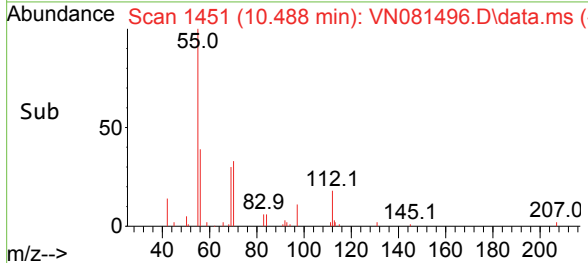
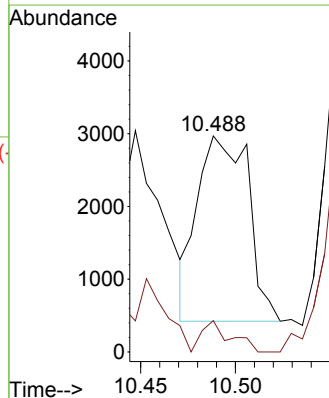
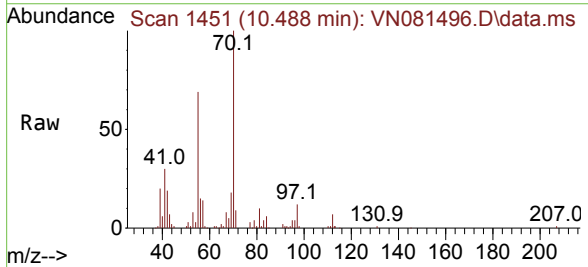
Instrument :
MSVOA_N
ClientSampleId :

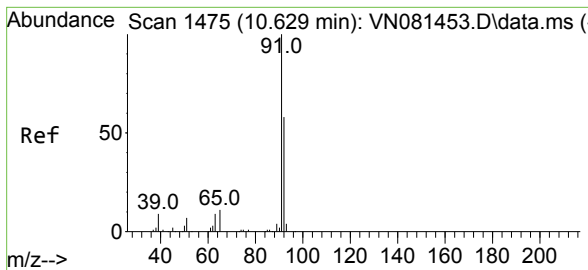
Tgt Ion: 98 Resp: 1138212
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.545 ug/l
RT: 10.488 min Scan# 1451
Delta R.T. 0.041 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

Tgt Ion: 43 Resp: 4760
Ion Ratio Lower Upper
43 100
58 9.5 29.4 44.0#





#52

Toluene

Concen: 104.724 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN081496.D

Acq: 20 Mar 2024 16:10

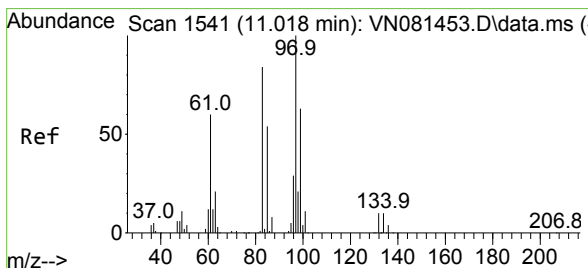
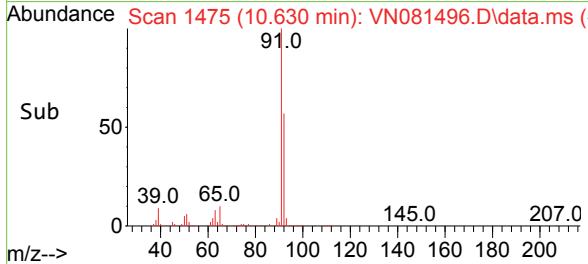
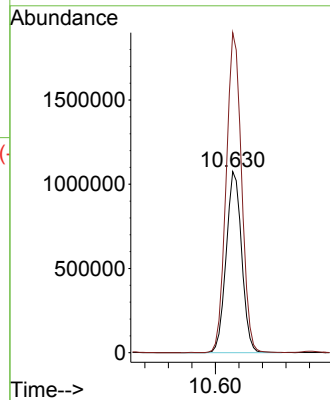
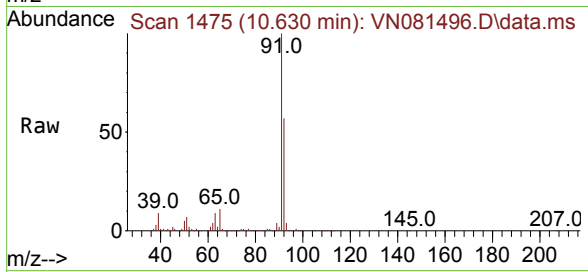
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 92 Resp: 1963902

Ion	Ratio	Lower	Upper
92	100		
91	174.9	139.4	209.0



#55

1,1,2-Trichloroethane

Concen: 23.268 ug/l

RT: 11.006 min Scan# 1539

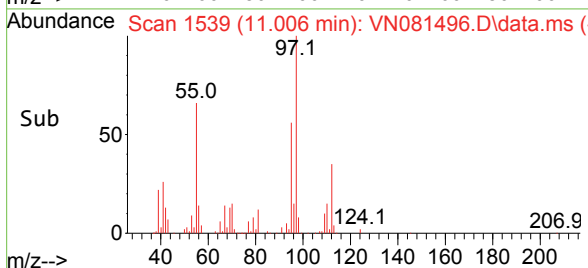
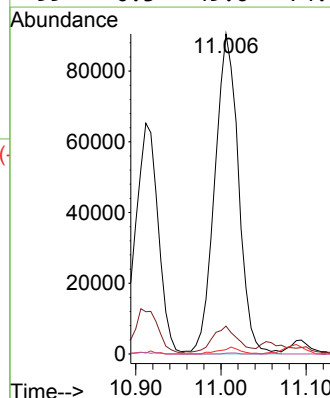
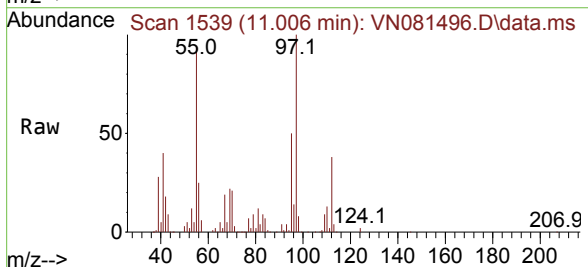
Delta R.T. -0.012 min

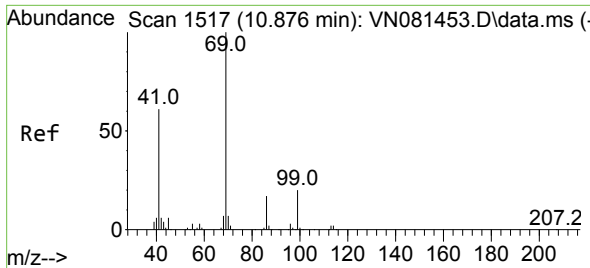
Lab File: VN081496.D

Acq: 20 Mar 2024 16:10

Tgt Ion: 97 Resp: 175608

Ion	Ratio	Lower	Upper
97	100		
83	8.4	72.9	109.3#
85	1.4	50.2	75.2#
99	0.3	49.6	74.4#

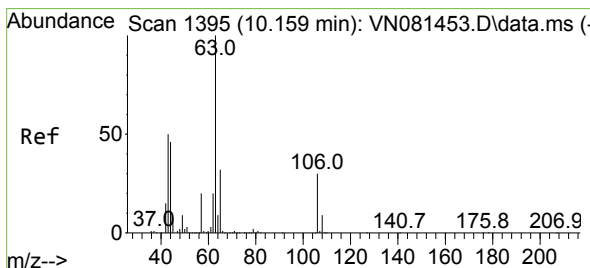
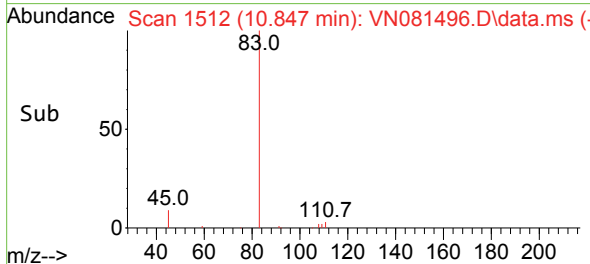
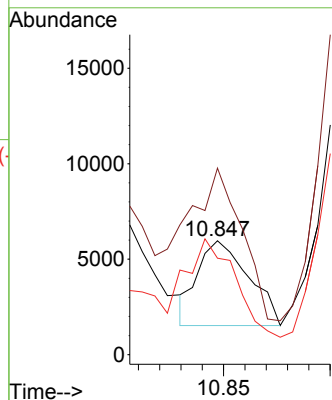
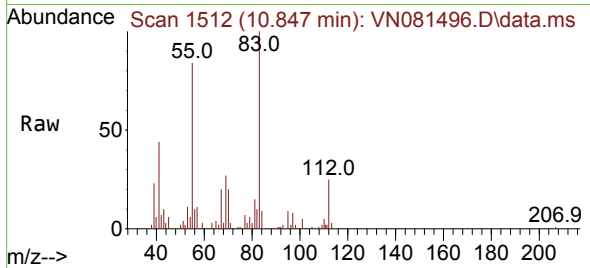




#56
Ethyl methacrylate
Concen: 1.289 ug/l
RT: 10.847 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

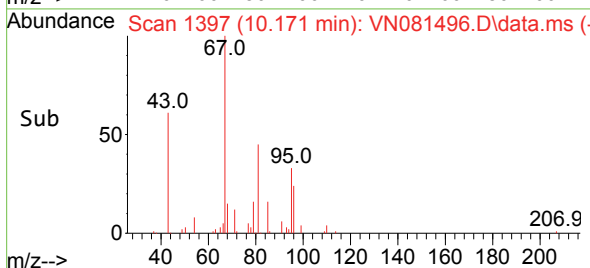
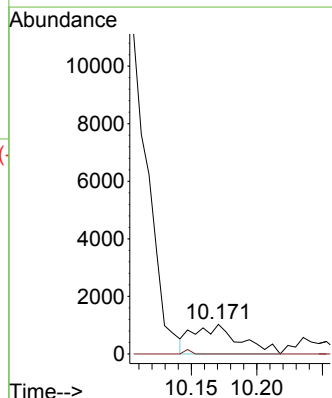
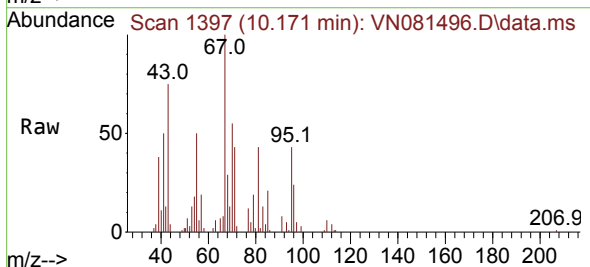
Instrument :
MSVOA_N
ClientSampleId :

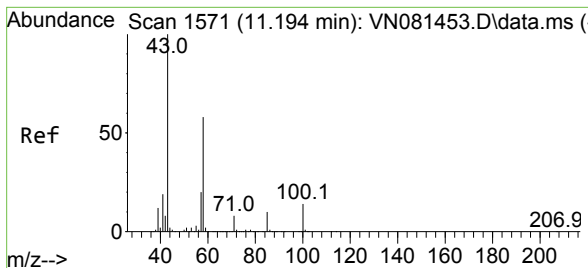
Tgt Ion: 69 Resp: 7361
Ion Ratio Lower Upper
69 100
41 186.2 61.0 91.6#
39 0.0 31.8 47.6#



#58
2-Chloroethyl Vinyl ether
Concen: 0.525 ug/l
RT: 10.171 min Scan# 1397
Delta R.T. 0.012 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

Tgt Ion: 63 Resp: 2495
Ion Ratio Lower Upper
63 100
106 0.0 18.6 28.0#

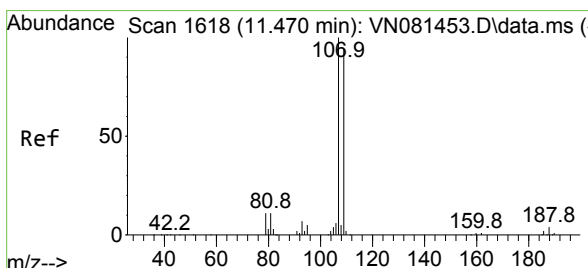
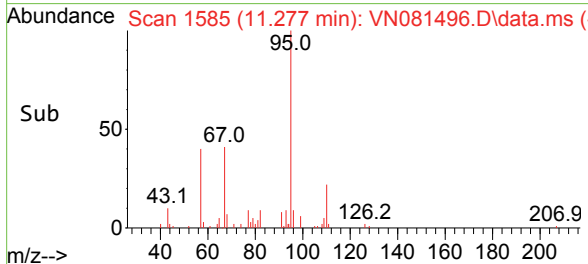
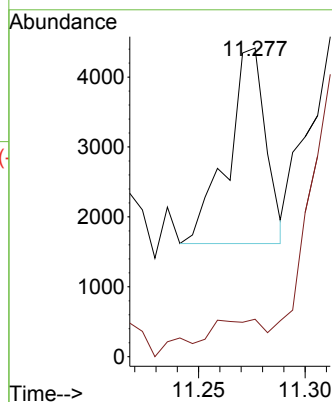
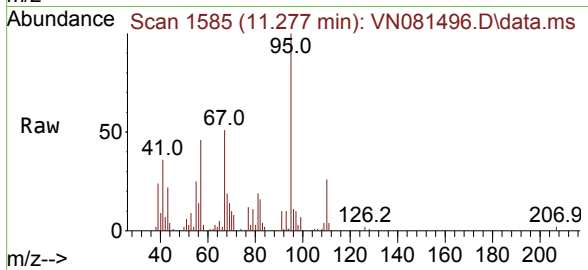




#59
2-Hexanone
Concen: 0.541 ug/l
RT: 11.277 min Scan# 11
Delta R.T. 0.083 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

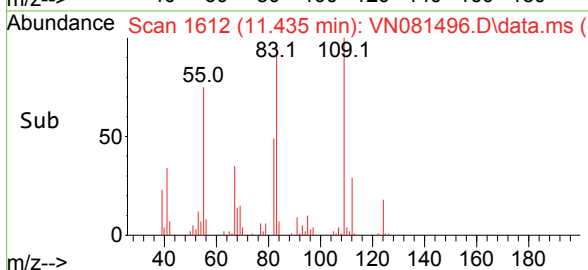
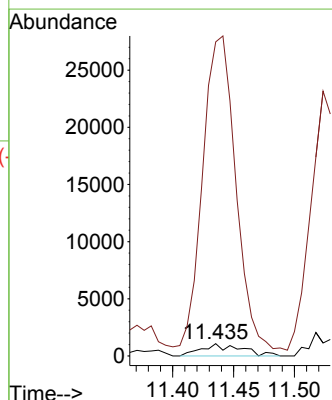
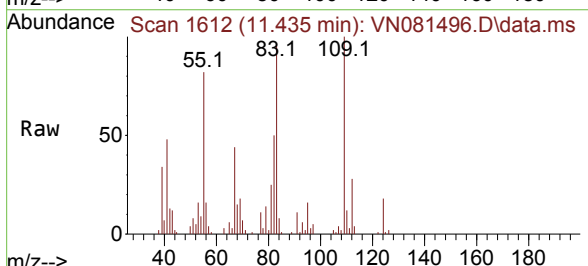
Instrument :
MSVOA_N
ClientSampleId :

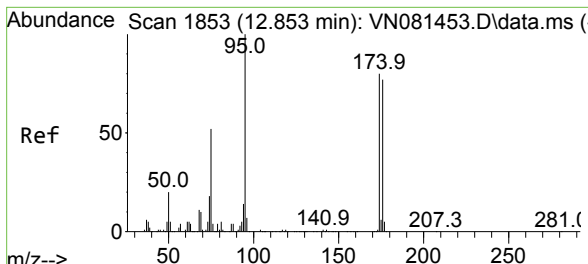
Tgt Ion: 43 Resp: 3499
Ion Ratio Lower Upper
43 100
58 33.5 25.9 77.8



#61
1,2-Dibromoethane
Concen: 0.318 ug/l
RT: 11.435 min Scan# 1612
Delta R.T. -0.035 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

Tgt Ion: 107 Resp: 2443
Ion Ratio Lower Upper
107 100
109 2093.4 73.4 110.2#

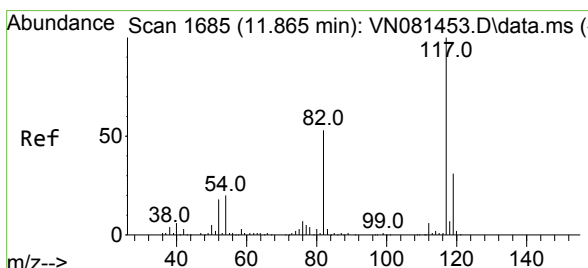
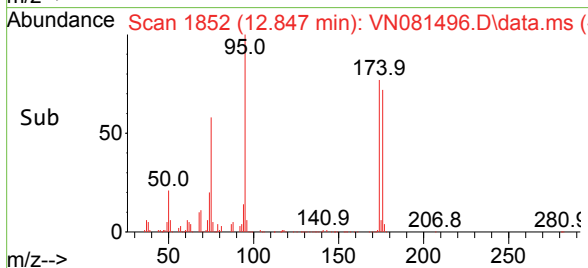
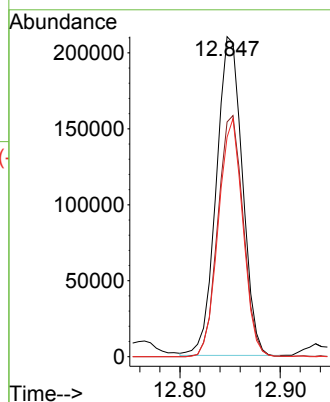
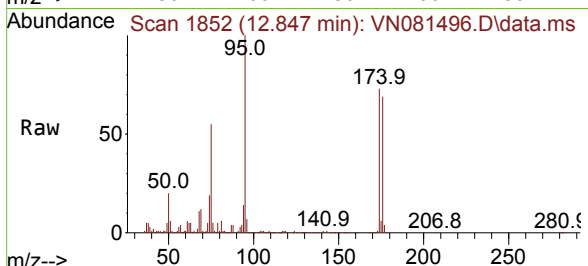




#62
4-Bromofluorobenzene
Concen: 49.556 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

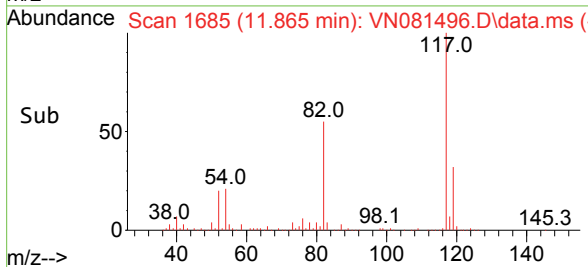
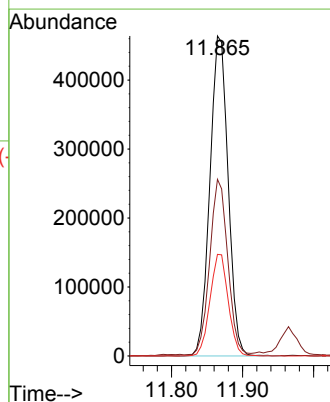
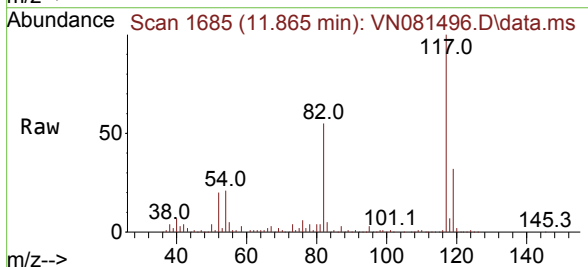
Instrument :
MSVOA_N
ClientSampleId :

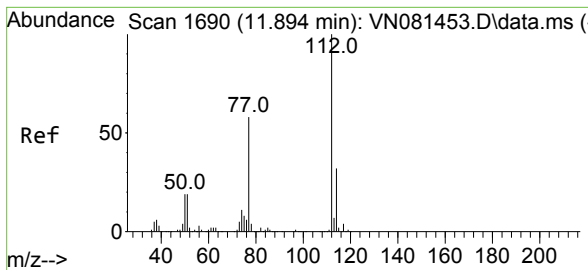
Tgt Ion: 95 Resp: 378537
Ion Ratio Lower Upper
95 100
174 73.7 0.0 120.4
176 70.1 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

Tgt Ion: 117 Resp: 825526
Ion Ratio Lower Upper
117 100
82 54.7 52.7 79.1
119 31.8 25.3 37.9

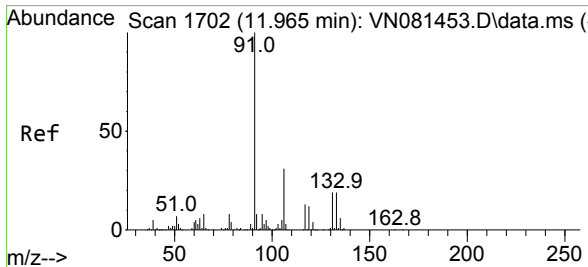
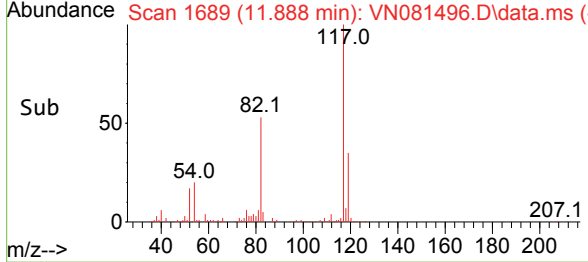
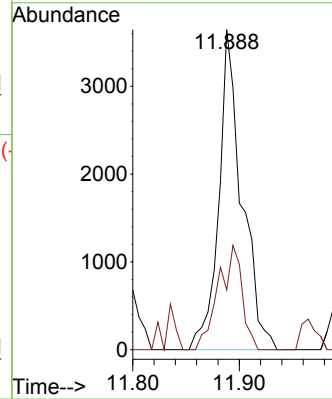
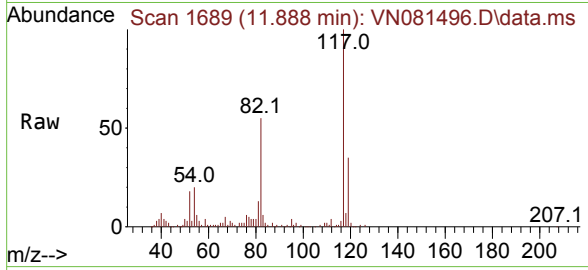




#65
Chlorobenzene
Concen: 0.281 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

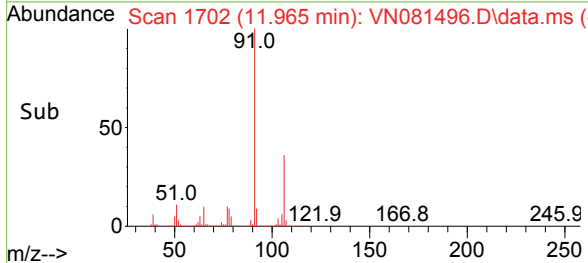
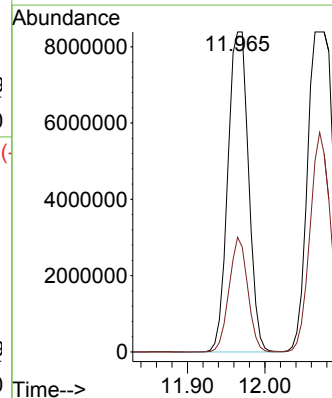
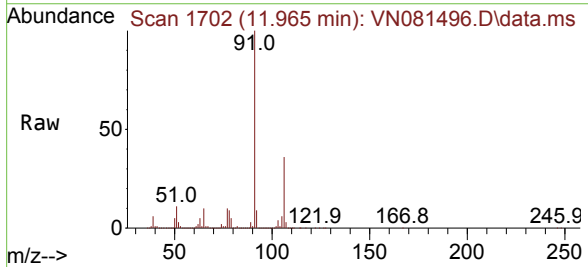
Instrument :
MSVOA_N
ClientSampleId :

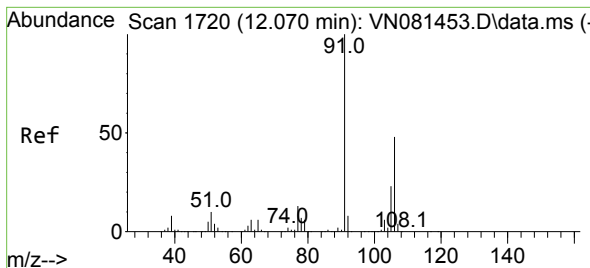
Tgt Ion:112 Resp: 5476
Ion Ratio Lower Upper
112 100
114 18.7 23.7 35.5#



#67
Ethyl Benzene
Concen: 459.854 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

Tgt Ion: 91 Resp:15588912
Ion Ratio Lower Upper
91 100
106 35.9 23.8 35.6#





#68

m/p-Xylenes

Concen: 847.190 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN081496.D

Acq: 20 Mar 2024 16:10

Instrument :

MSVOA_N

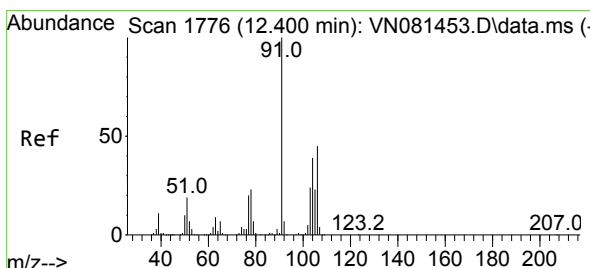
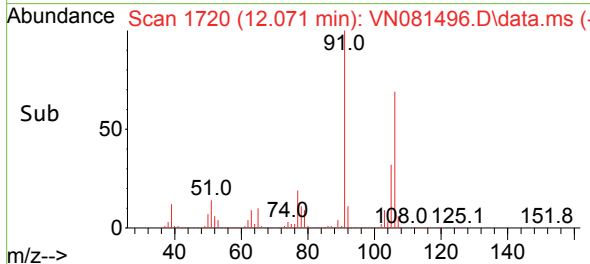
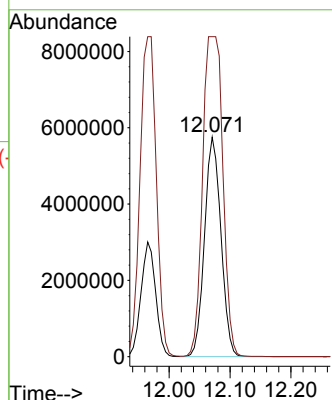
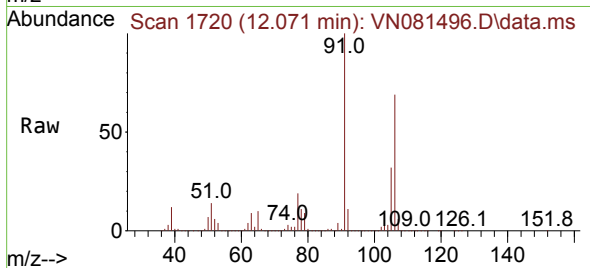
ClientSampleId :

Tgt Ion:106 Resp:10766484

Ion Ratio Lower Upper

106 100

91 179.6 169.0 253.6



#69

o-Xylene

Concen: 265.957 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN081496.D

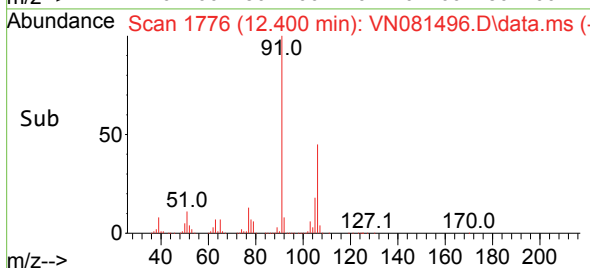
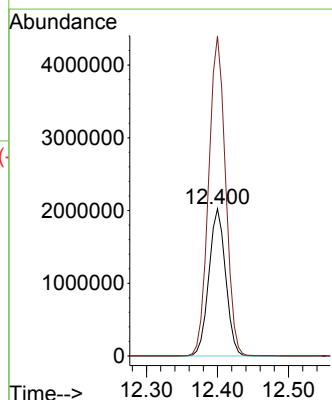
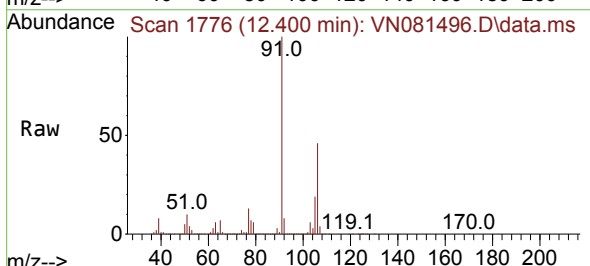
Acq: 20 Mar 2024 16:10

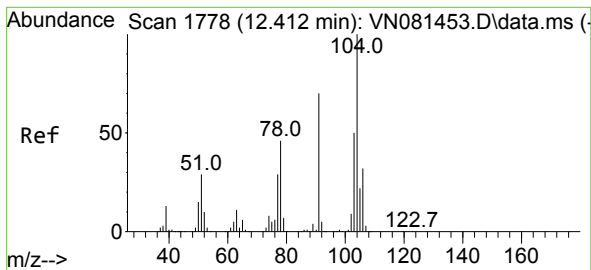
Tgt Ion:106 Resp: 3318134

Ion Ratio Lower Upper

106 100

91 219.5 112.1 336.3





#70

Styrene

Concen: 9.204 ug/l

RT: 12.400 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN081496.D

Acq: 20 Mar 2024 16:10

Instrument :

MSVOA_N

ClientSampleId :

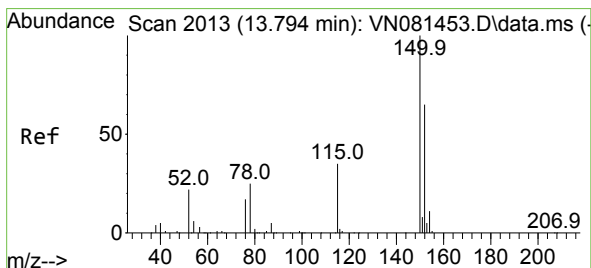
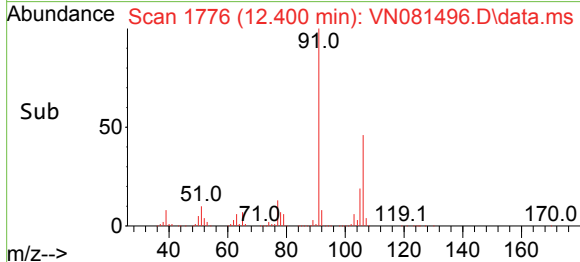
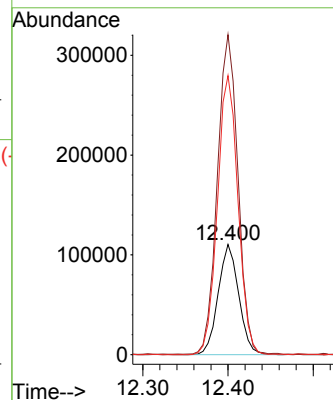
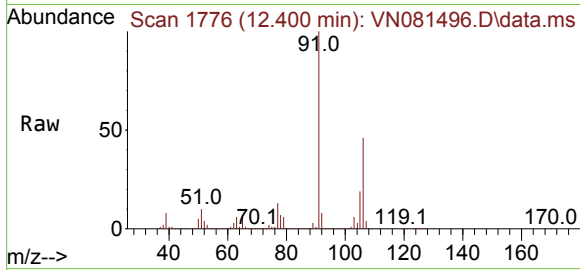
Tgt Ion:104 Resp: 185195

Ion Ratio Lower Upper

104 100

78 289.5 43.8 65.8#

103 254.1 44.2 66.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081496.D

Acq: 20 Mar 2024 16:10

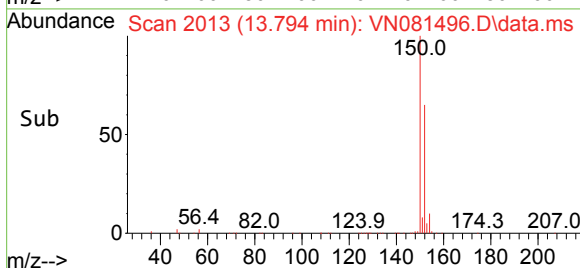
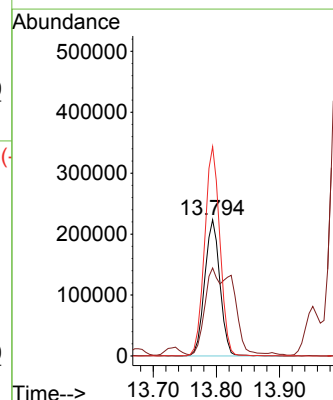
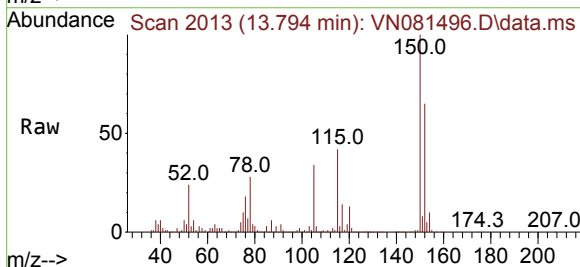
Tgt Ion:152 Resp: 374556

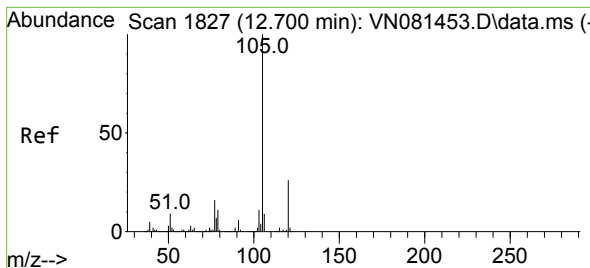
Ion Ratio Lower Upper

152 100

115 62.3 32.3 96.8

150 154.0 0.0 339.8





#73

Isopropylbenzene

Concen: 42.415 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081496.D

Acq: 20 Mar 2024 16:10

Instrument :

MSVOA_N

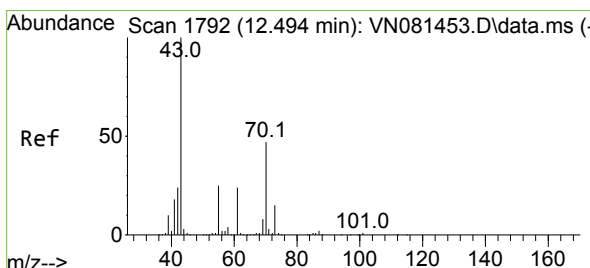
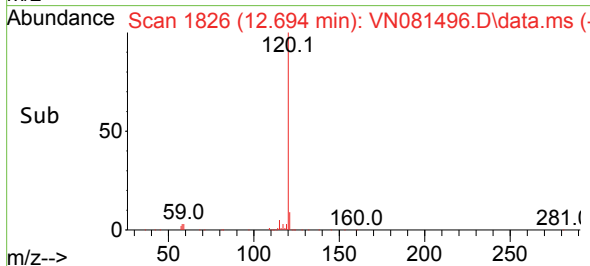
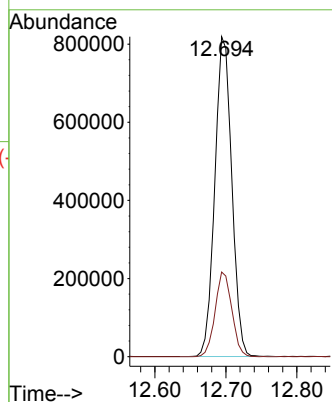
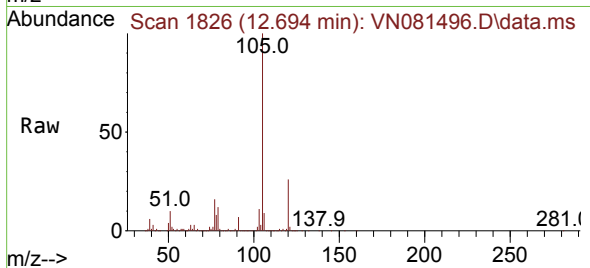
ClientSampleId :

Tgt Ion:105 Resp: 1354192

Ion Ratio Lower Upper

105 100

120 26.0 12.6 37.6



#74

N-ethyl acetate

Concen: 0.212 ug/l

RT: 12.506 min Scan# 1794

Delta R.T. 0.012 min

Lab File: VN081496.D

Acq: 20 Mar 2024 16:10

Tgt Ion: 43 Resp: 2447

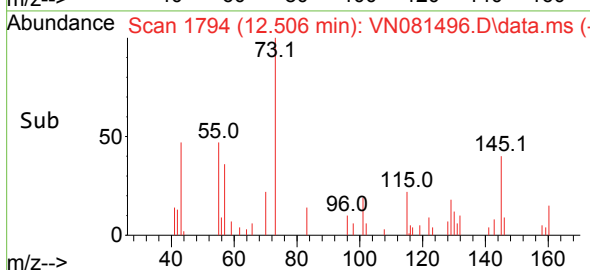
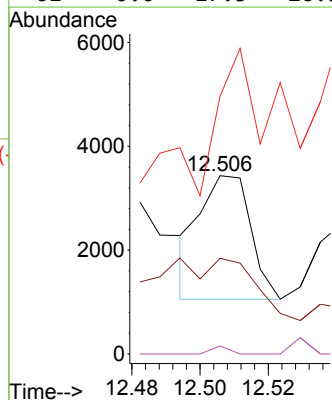
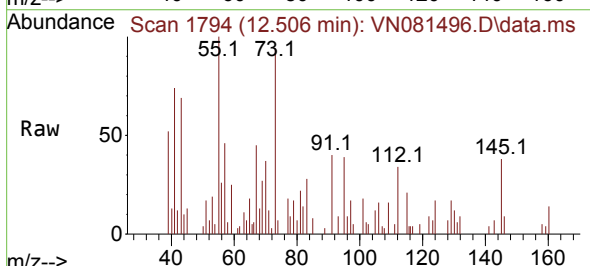
Ion Ratio Lower Upper

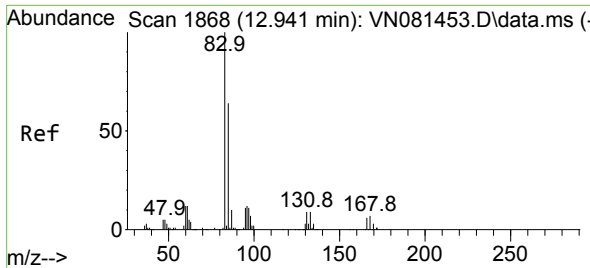
43 100

70 66.2 30.1 45.1#

55 127.4 17.0 25.4#

61 0.0 17.5 26.3#

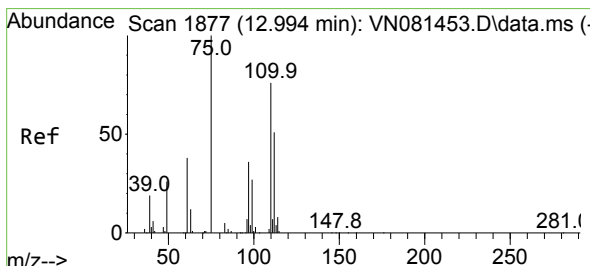
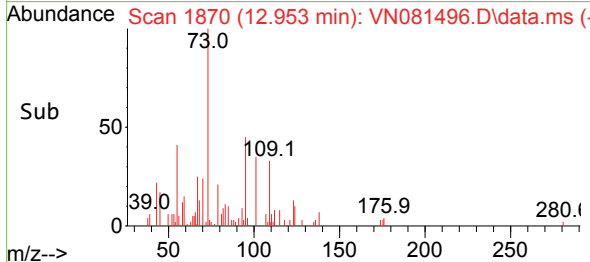
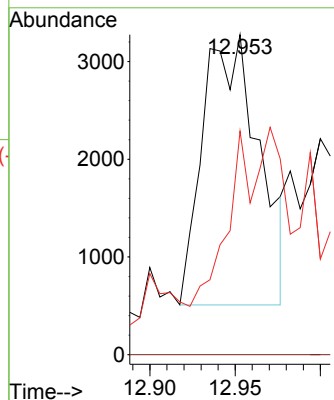
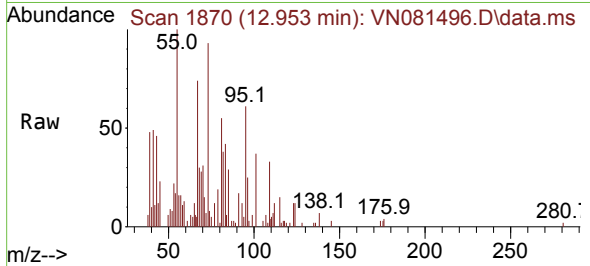




#75
1,1,2,2-Tetrachloroethane
Concen: 0.673 ug/l
RT: 12.953 min Scan# 1870
Delta R.T. 0.012 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

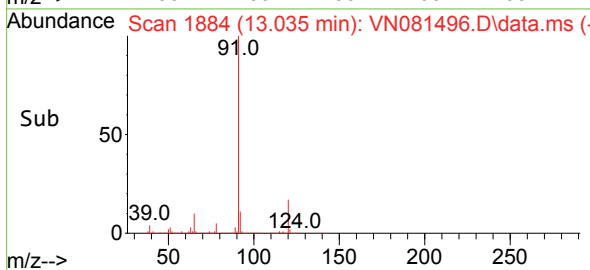
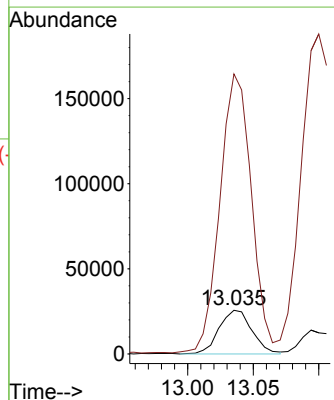
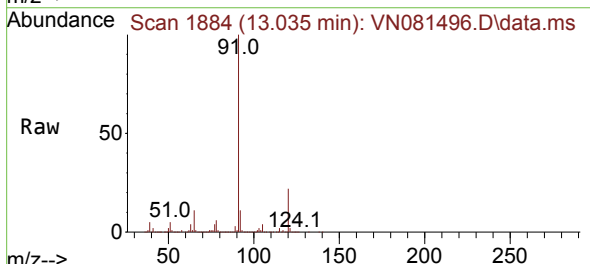
Instrument :
MSVOA_N
ClientSampleId :

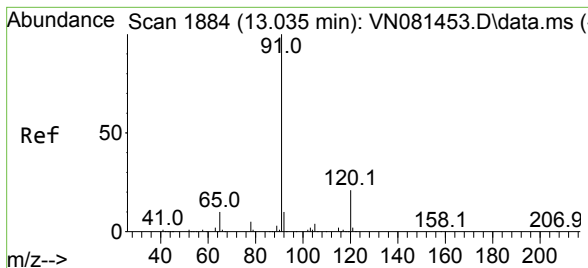
Tgt Ion: 83 Resp: 6313
Ion Ratio Lower Upper
83 100
131 0.0 4.1 12.3#
85 62.6 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 5.001 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.041 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

Tgt Ion: 75 Resp: 44807
Ion Ratio Lower Upper
75 100
77 607.1 91.0 272.8#





#78

n-propylbenzene

Concen: 178.279 ug/l

RT: 13.035 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081496.D

Acq: 20 Mar 2024 16:10

Instrument :

MSVOA_N

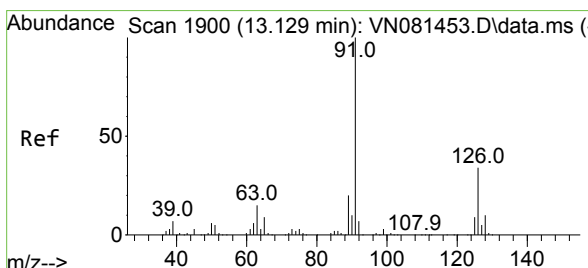
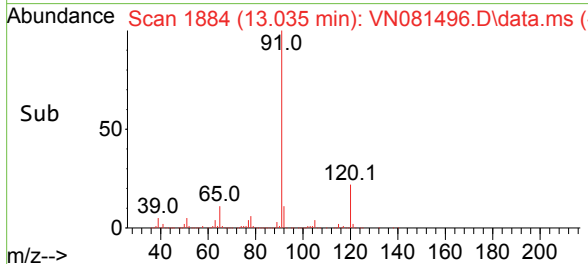
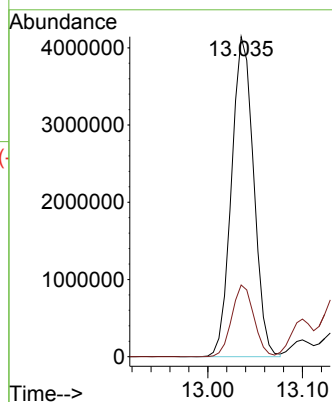
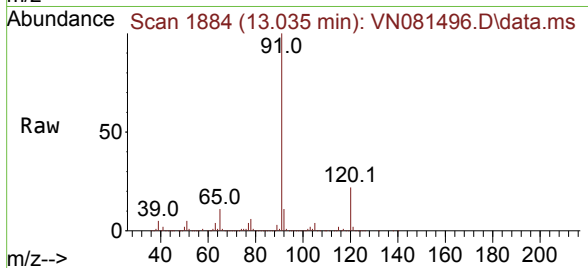
ClientSampleId :

Tgt Ion: 91 Resp: 6721963

Ion Ratio Lower Upper

91 100

120 22.4 10.3 30.9



#79

2-Chlorotoluene

Concen: 18.240 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN081496.D

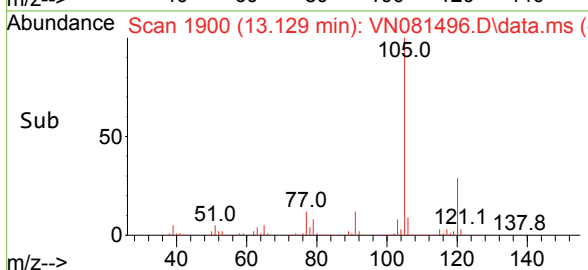
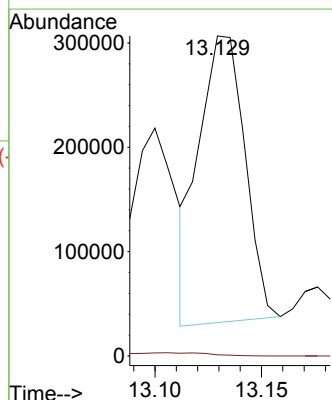
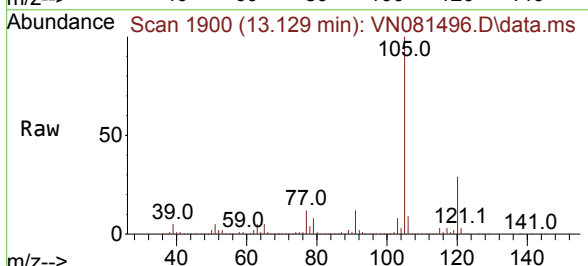
Acq: 20 Mar 2024 16:10

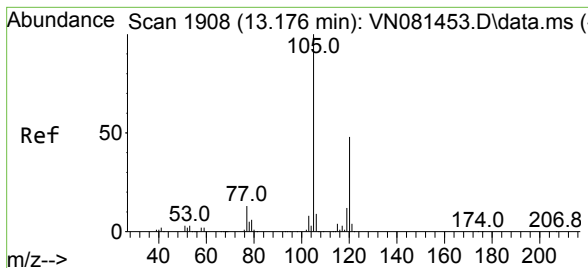
Tgt Ion: 91 Resp: 411626

Ion Ratio Lower Upper

91 100

126 0.0 14.8 44.4#

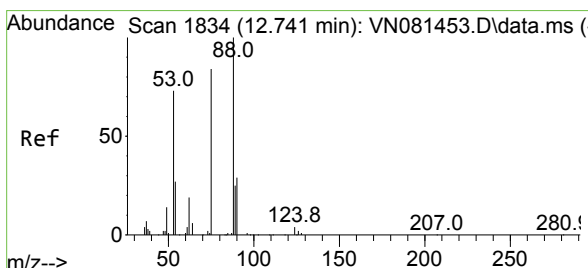
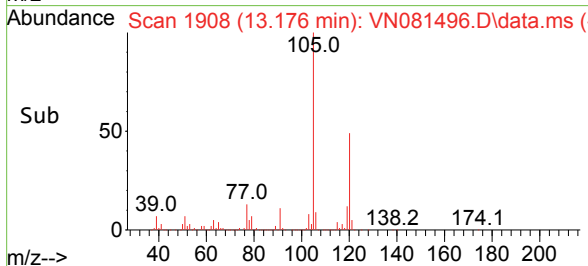
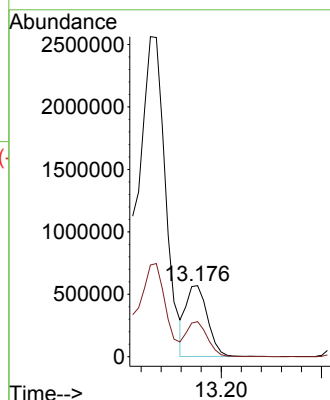
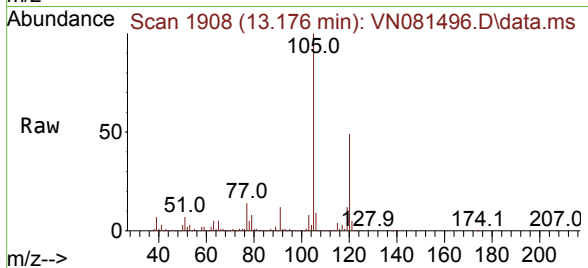




#80
 1,3,5-Trimethylbenzene
 Concen: 32.055 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN081496.D
 Acq: 20 Mar 2024 16:10

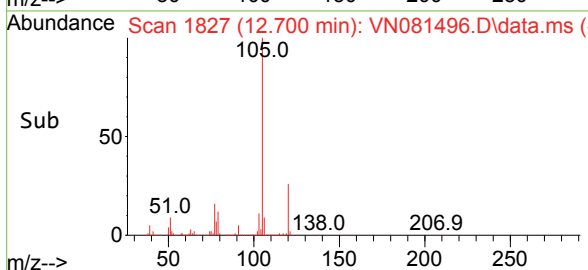
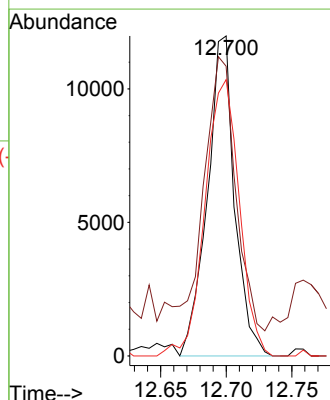
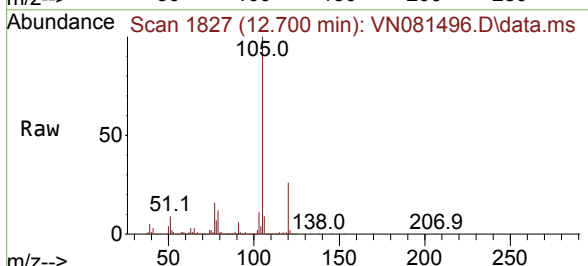
Instrument :
 MSVOA_N
 ClientSampleId :

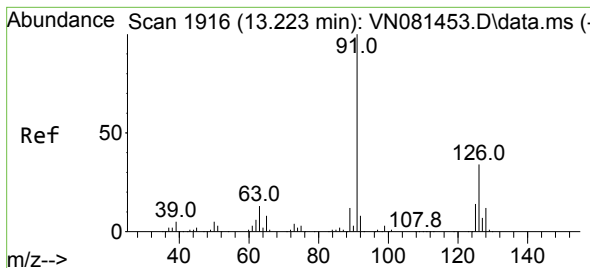
Tgt Ion:105 Resp: 845315
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.0 69.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 5.241 ug/l
 RT: 12.700 min Scan# 1827
 Delta R.T. -0.041 min
 Lab File: VN081496.D
 Acq: 20 Mar 2024 16:10

Tgt Ion: 75 Resp: 17378
 Ion Ratio Lower Upper
 75 100
 53 99.3 71.4 107.2
 89 108.2 33.4 50.0#

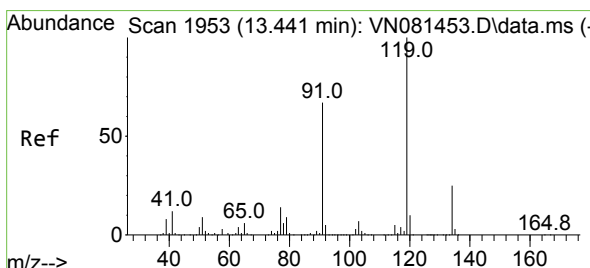
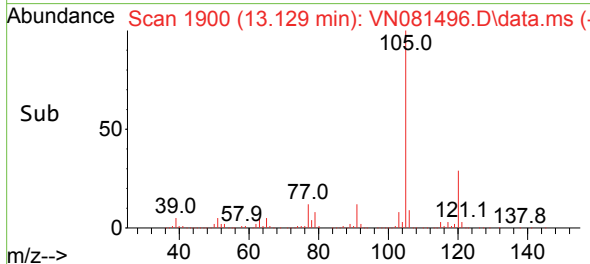
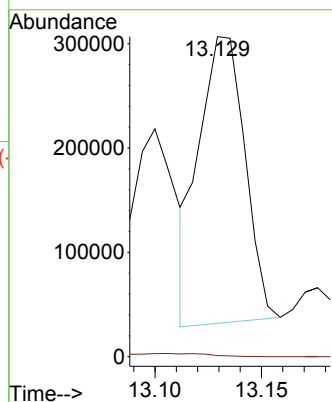
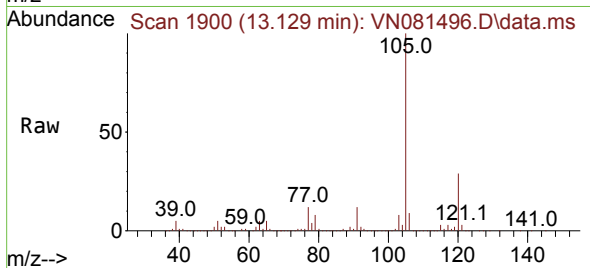




#82
4-Chlorotoluene
Concen: 18.501 ug/l
RT: 13.129 min Scan# 1916
Delta R.T. -0.094 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

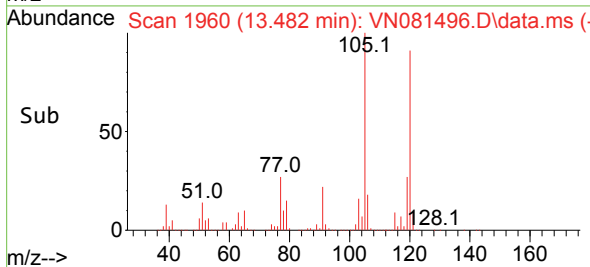
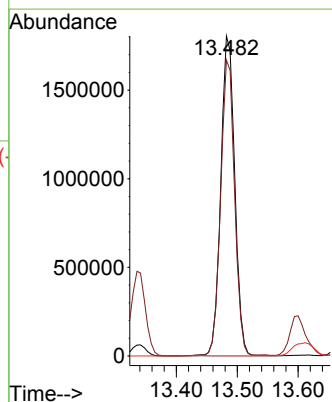
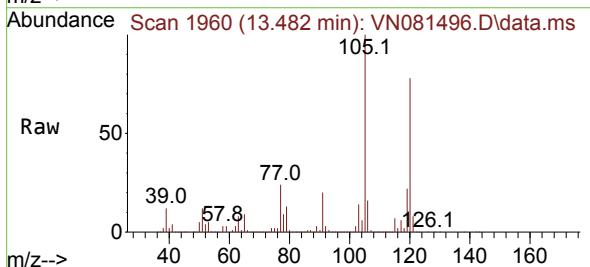
Instrument :
MSVOA_N
ClientSampleId :

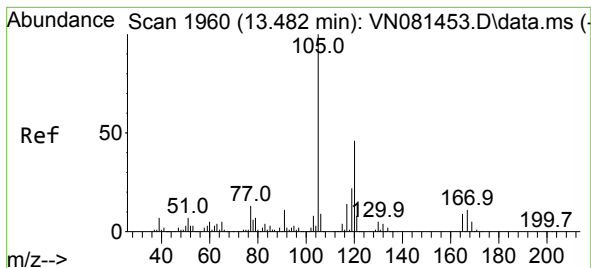
Tgt Ion: 91 Resp: 411626
Ion Ratio Lower Upper
91 100
126 0.0 15.3 45.9#



#83
tert-Butylbenzene
Concen: 126.450 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.041 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

Tgt Ion: 119 Resp: 2875488
Ion Ratio Lower Upper
119 100
91 92.0 36.8 110.4
134 0.0 12.4 37.4#





#84

1,2,4-Trimethylbenzene

Concen: 669.732 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VN081496.D

Acq: 20 Mar 2024 16:10

Instrument :

MSVOA_N

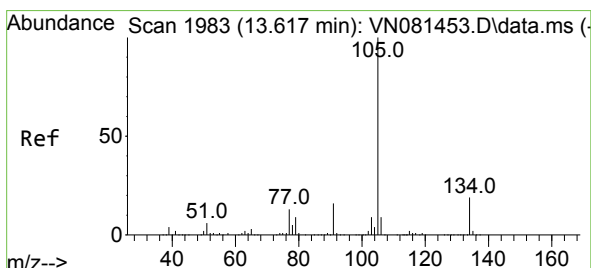
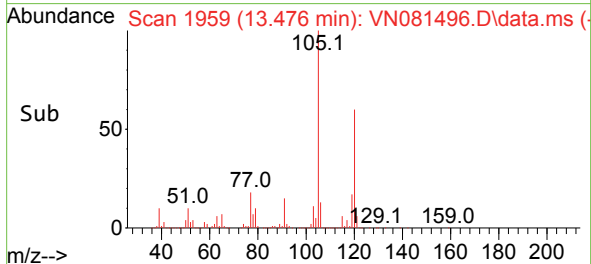
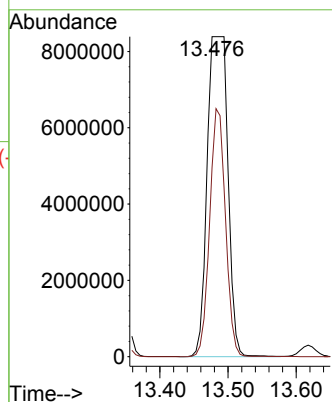
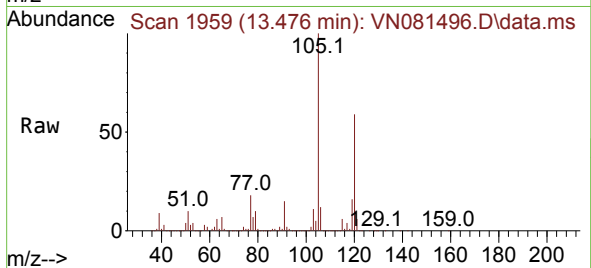
ClientSampleId :

Tgt Ion:105 Resp:17750752

Ion Ratio Lower Upper

105 100

120 59.1 20.9 62.7



#85

sec-Butylbenzene

Concen: 546.041 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.141 min

Lab File: VN081496.D

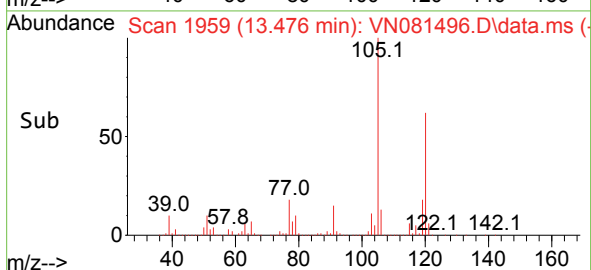
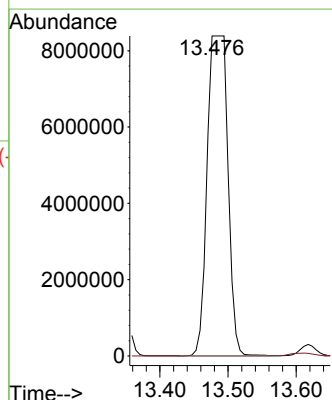
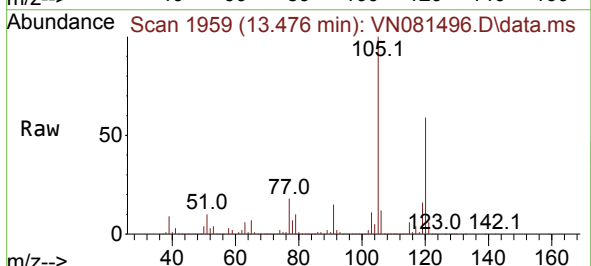
Acq: 20 Mar 2024 16:10

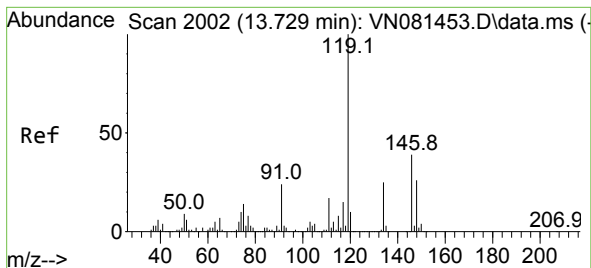
Tgt Ion:105 Resp:17750752

Ion Ratio Lower Upper

105 100

134 0.0 8.6 25.8#





#86

p-Isopropyltoluene

Concen: 9.818 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081496.D

Acq: 20 Mar 2024 16:10

Instrument :

MSVOA_N

ClientSampleId :

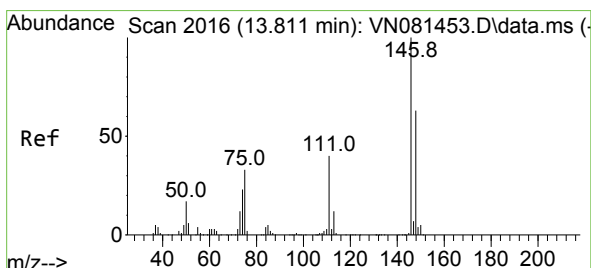
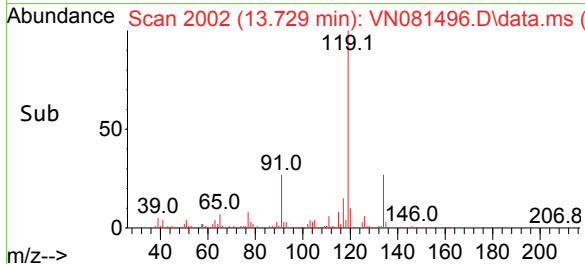
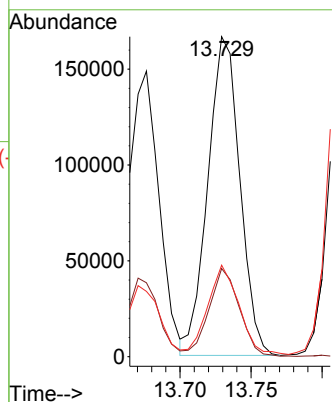
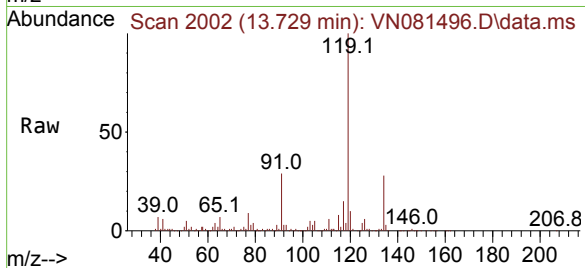
Tgt Ion:119 Resp: 260897

Ion Ratio Lower Upper

119 100

134 26.3 12.4 37.2

91 0.0 13.5 40.4#



#88

1,4-Dichlorobenzene

Concen: 0.412 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VN081496.D

Acq: 20 Mar 2024 16:10

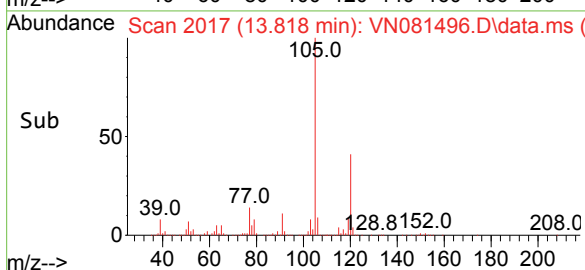
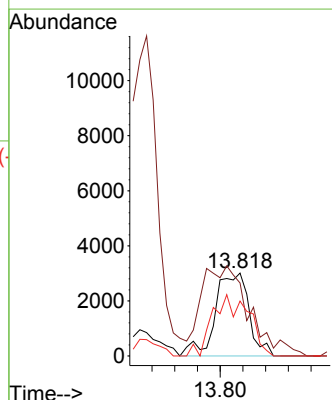
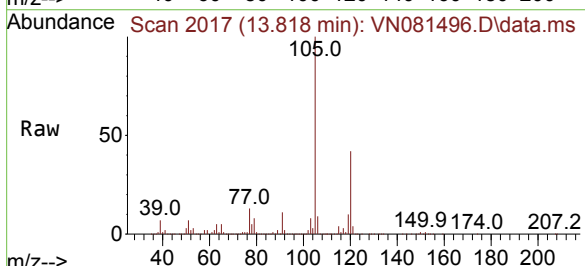
Tgt Ion:146 Resp: 6177

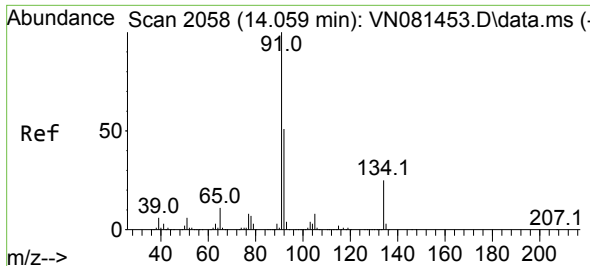
Ion Ratio Lower Upper

146 100

111 0.0 22.6 67.7#

148 80.5 31.9 95.5

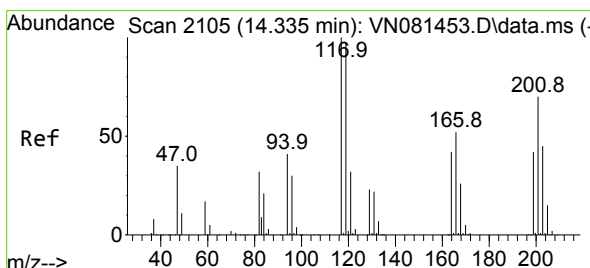
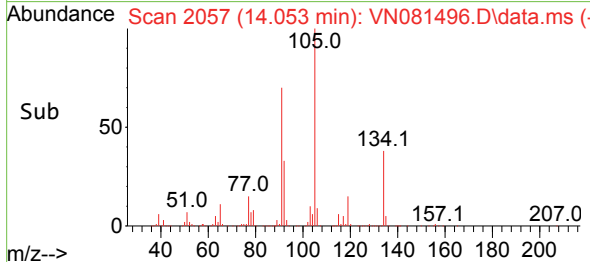
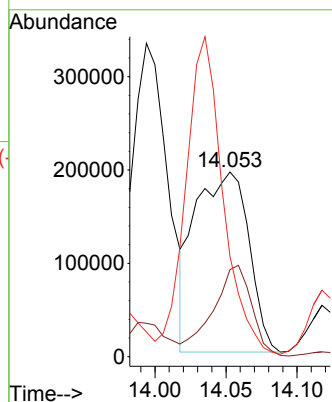
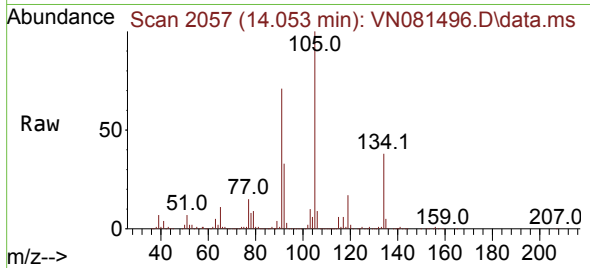




#89
n-Butylbenzene
Concen: 21.495 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

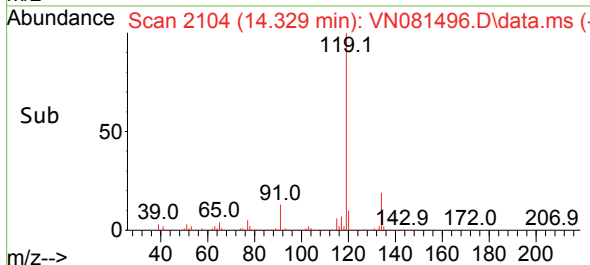
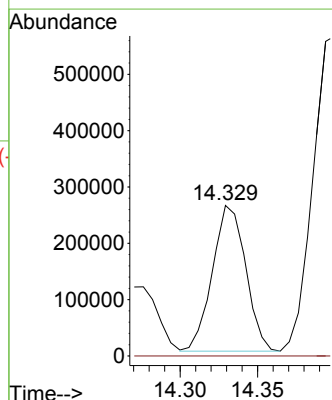
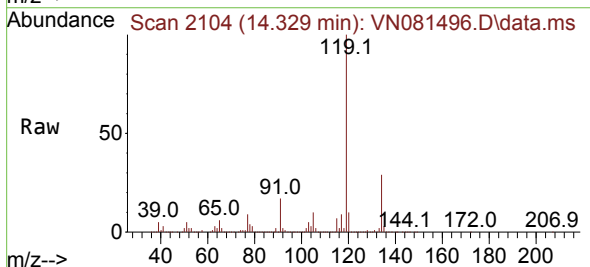
Instrument :
MSVOA_N
ClientSampleId :

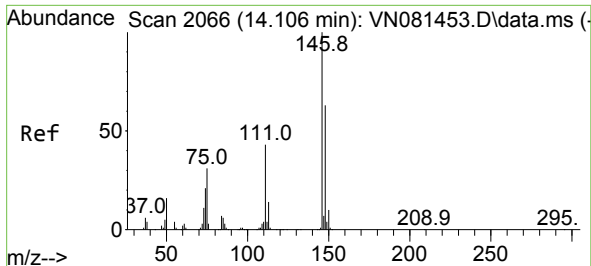
Tgt Ion: 91 Resp: 506487
Ion Ratio Lower Upper
91 100
92 36.2 26.7 80.1
134 0.0 10.8 32.4#



#90
Hexachloroethane
Concen: 76.715 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

Tgt Ion: 117 Resp: 386079
Ion Ratio Lower Upper
117 100
201 0.0 30.0 90.0#

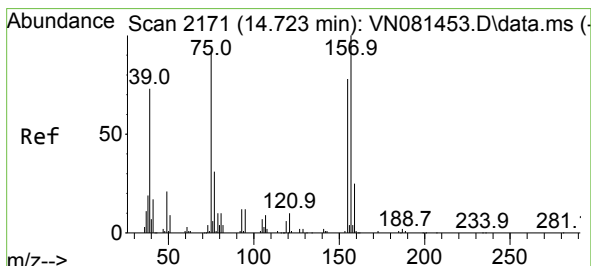
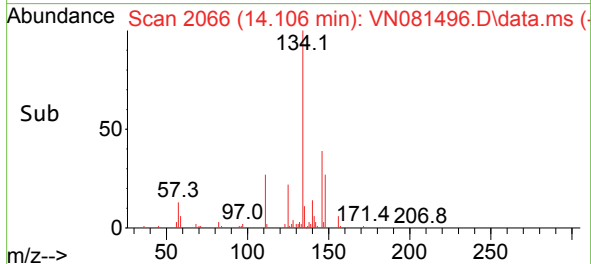
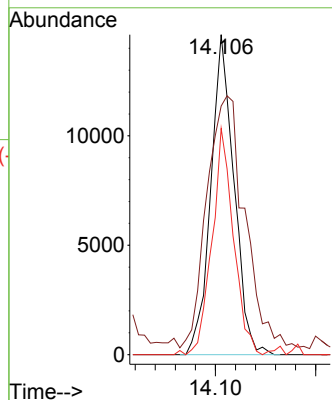
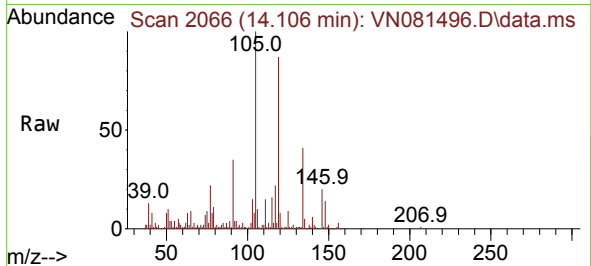




#91
 1,2-Dichlorobenzene
 Concen: 1.681 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN081496.D
 Acq: 20 Mar 2024 16:10

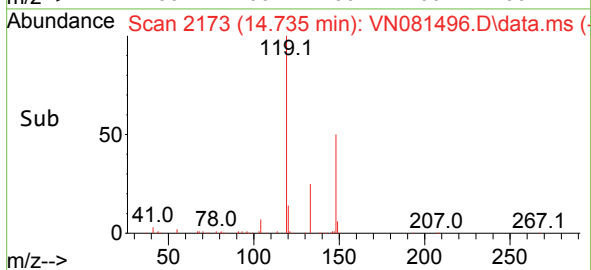
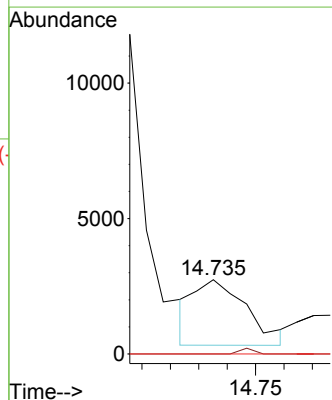
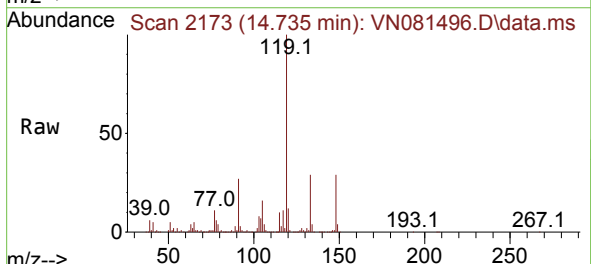
Instrument :
 MSVOA_N
 ClientSampleId :

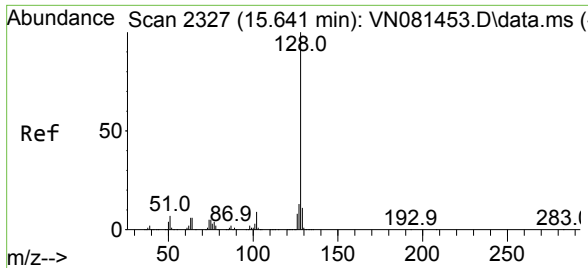
Tgt Ion:146 Resp: 23440
 Ion Ratio Lower Upper
 146 100
 111 129.2 23.9 71.8#
 148 65.8 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.566 ug/l
 RT: 14.735 min Scan# 2173
 Delta R.T. 0.012 min
 Lab File: VN081496.D
 Acq: 20 Mar 2024 16:10

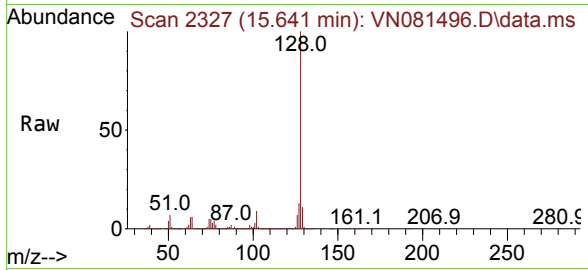
Tgt Ion: 75 Resp: 3128
 Ion Ratio Lower Upper
 75 100
 155 2.4 31.8 95.4#
 157 0.0 41.1 123.4#





#95
Naphthalene
Concen: 86.255 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081496.D
Acq: 20 Mar 2024 16:10

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 2253965
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.4 8.7 13.1

