

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080556.D
 Acq On : 20 Dec 2023 18:53
 Operator : JC\MD
 Sample : 05896-01
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 02:49:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	214818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	394816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	396732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	196938	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154172	56.191	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.380%	
35) Dibromofluoromethane	8.159	113	129468	51.719	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.440%	
50) Toluene-d8	10.565	98	503328	53.913	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.820%	
62) 4-Bromofluorobenzene	12.853	95	212092	59.827	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 119.660%	

Target Compounds						Qvalue
3) Chloromethane	2.359	50	5228	1.432	ug/l #	88
5) Bromomethane	2.959	94	246	0.233	ug/l #	65
10) Methyl Iodide	4.571	142	570	0.288	ug/l #	38
11) Tert butyl alcohol	5.489	59	5932	18.358	ug/l #	72
13) Acrolein	4.171	56	269	0.760	ug/l #	16
16) Acetone	4.424	43	355688	731.128	ug/l	98
18) Methyl Acetate	5.036	43	7177	2.293	ug/l #	63
20) Methylene Chloride	5.265	84	3018	1.159	ug/l #	73
25) 2-Butanone	7.471	43	1326	1.415	ug/l #	37
29) Tetrahydrofuran	8.000	42	2891	4.308	ug/l #	1
31) Cyclohexane	8.218	56	242830	65.081	ug/l #	44
36) 1,1-Dichloropropene	8.224	75	17656	4.314	ug/l #	61
37) Ethyl Acetate	7.471	43	1326	0.517	ug/l #	63
38) Carbon Tetrachloride	8.224	117	24777	5.066	ug/l #	15
39) Methylcyclohexane	9.600	83	213307	50.166	ug/l	91
40) Benzene	8.612	78	11467	0.970	ug/l	98
41) Methacrylonitrile	7.747	41	896	0.606	ug/l #	15
43) Isopropyl Acetate	8.694	43	118666	25.750	ug/l #	49
45) 1,2-Dichloropropane	9.600	63	2345	0.845	ug/l #	1
47) Bromodichloromethane	9.771	83	4996	1.169	ug/l #	26
48) Methyl methacrylate	9.600	41	112356	40.855	ug/l #	63
51) 4-Methyl-2-Pentanone	10.565	43	8511	3.353	ug/l	100
52) Toluene	10.629	92	9093732	1217.919	ug/l	97
53) t-1,3-Dichloropropene	10.635	75	125124	27.067	ug/l #	1
55) 1,1,2-Trichloroethane	11.006	97	74038	27.558	ug/l #	22
56) Ethyl methacrylate	10.865	69	6064	2.039	ug/l #	32
59) 2-Hexanone	11.176	43	35585	18.992	ug/l #	23
64) Tetrachloroethene	11.106	164	1230	0.402	ug/l #	73
67) Ethyl Benzene	11.965	91	966534	59.561	ug/l	96
68) m/p-Xylenes	12.070	106	1316086	219.476	ug/l	89
69) o-Xylene	12.400	106	381893	65.111	ug/l	88
70) Styrene	12.400	104	19328	2.288	ug/l #	1
73) Isopropylbenzene	12.694	105	75859	4.795	ug/l	97
74) N-amyl acetate	12.482	43	29115	6.302	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.923	83	7925	1.869	ug/l #	26
76) 1,2,3-Trichloropropane	13.094	75	6969	1.774	ug/l #	1

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

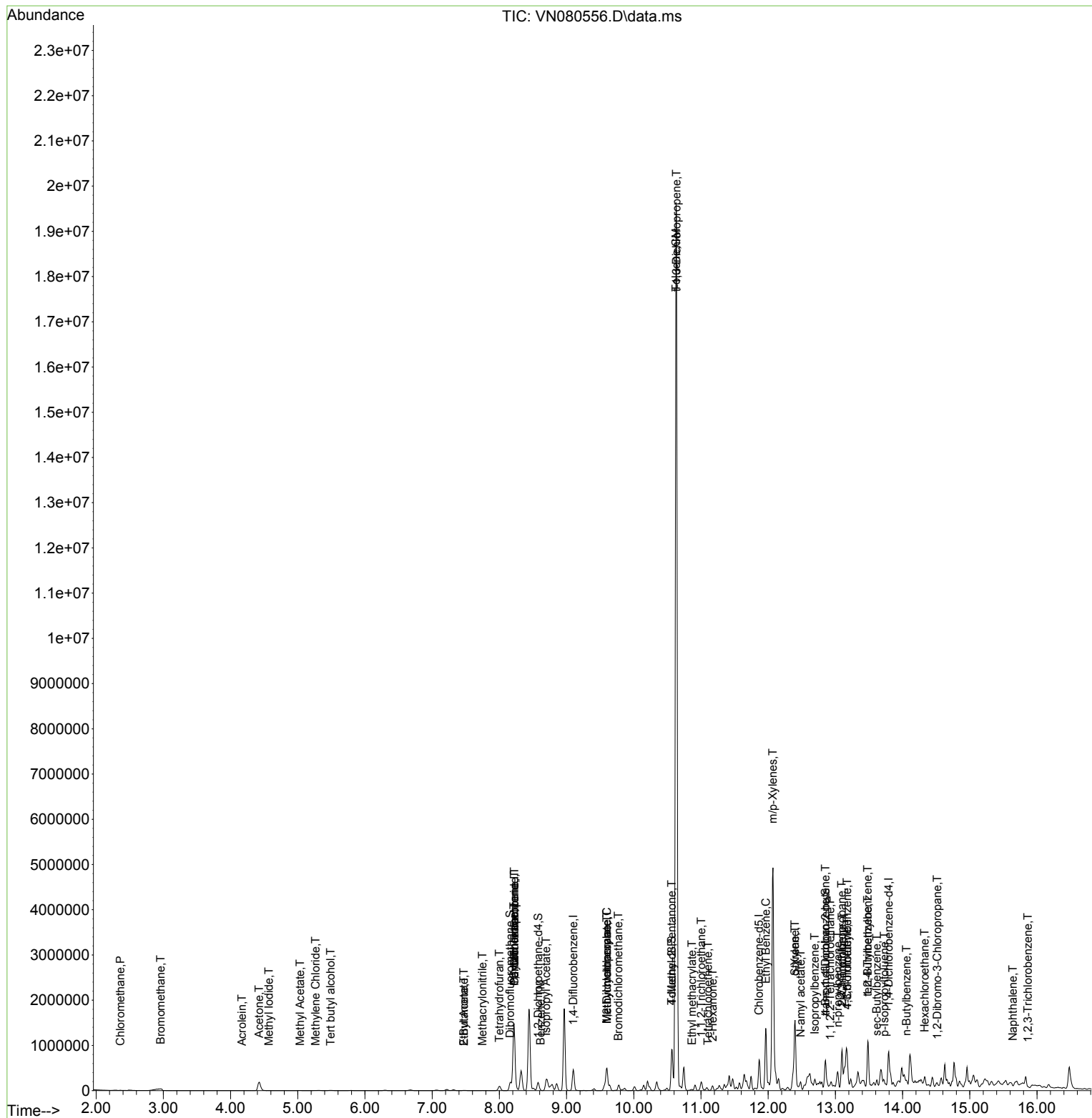
78) n-propylbenzene	13.035	91	214424	12.293	ug/l	99
79) 2-Chlorotoluene	13.100	91	63518	5.578	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.176	105	181274	13.304	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.853	75	111419	74.460	ug/l #	16
82) 4-Chlorotoluene	13.176	91	22235	1.900	ug/l #	41
83) tert-Butylbenzene	13.482	119	72474	6.495	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.482	105	608071	44.860	ug/l	99
85) sec-Butylbenzene	13.617	105	58760	4.116	ug/l	82
86) p-Isopropyltoluene	13.729	119	30339	2.354	ug/l	95
89) n-Butylbenzene	14.059	91	72886	6.772	ug/l #	82
90) Hexachloroethane	14.329	117	10363	5.063	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.517	75	250	0.280	ug/l	76
95) Naphthalene	15.641	128	20774	1.892	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.864	180	1622	0.465	ug/l #	13

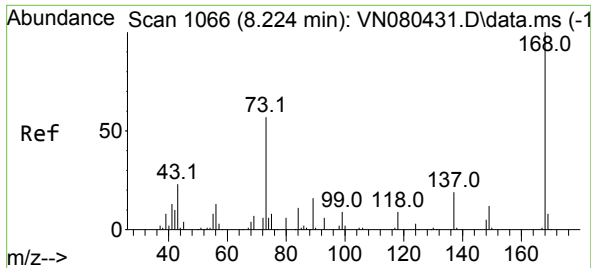
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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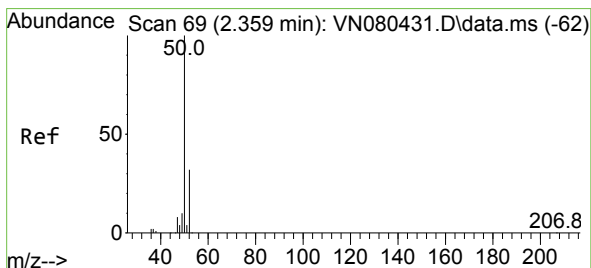
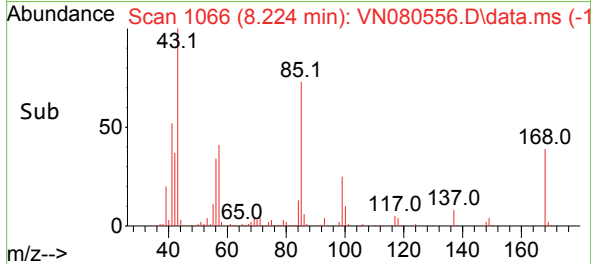
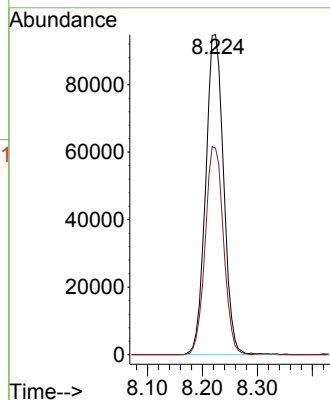
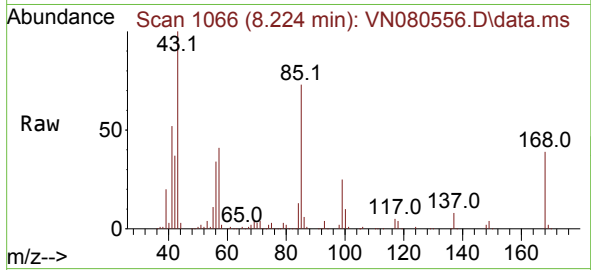




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

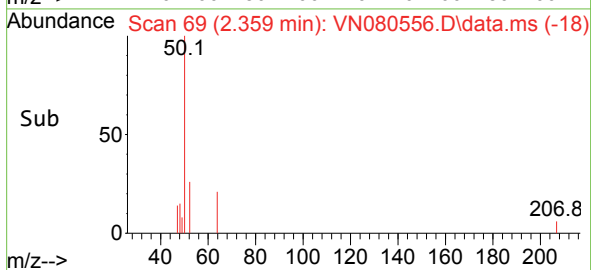
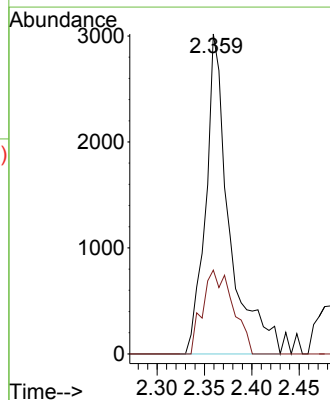
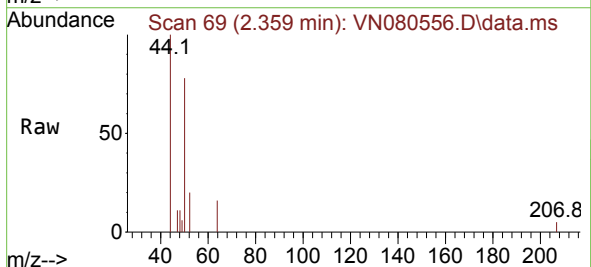
Instrument :
MSVOA_N
ClientSampleId :

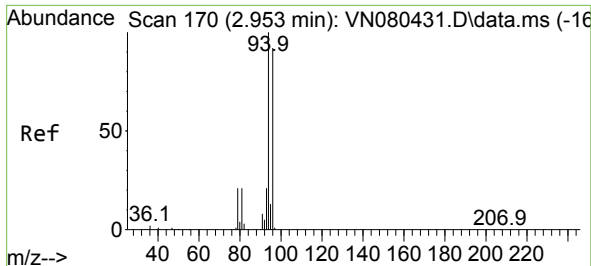
Tgt Ion:168 Resp: 214818
Ion Ratio Lower Upper
168 100
99 64.5 53.0 79.6



#3
Chloromethane
Concen: 1.432 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

Tgt Ion: 50 Resp: 5228
Ion Ratio Lower Upper
50 100
52 26.2 26.5 39.7#

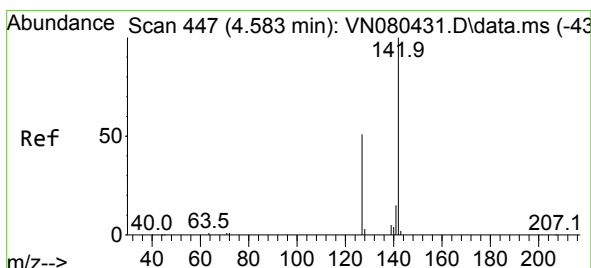
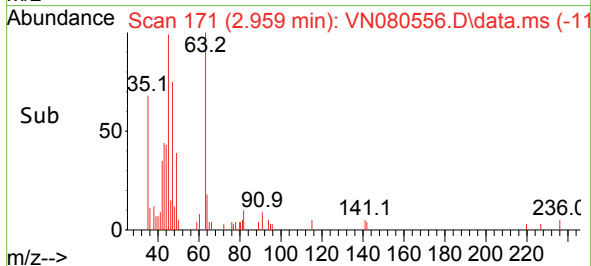
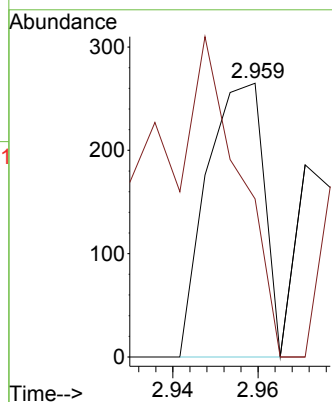
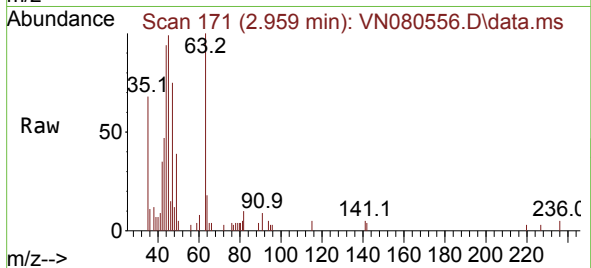




#5
Bromomethane
Concen: 0.233 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

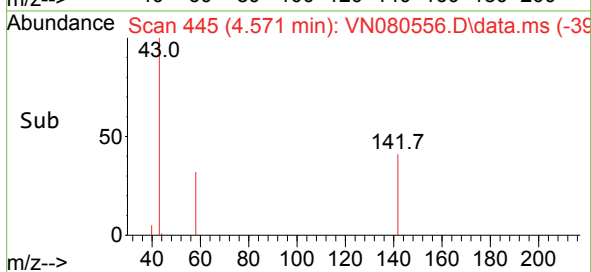
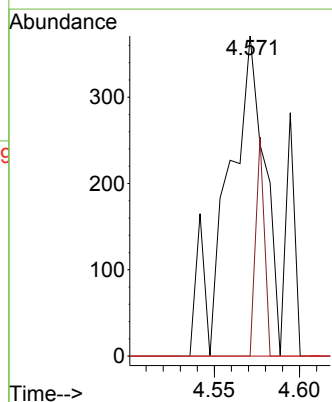
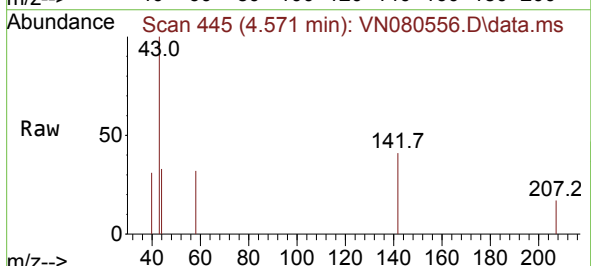
Instrument :
MSVOA_N
ClientSampleId :

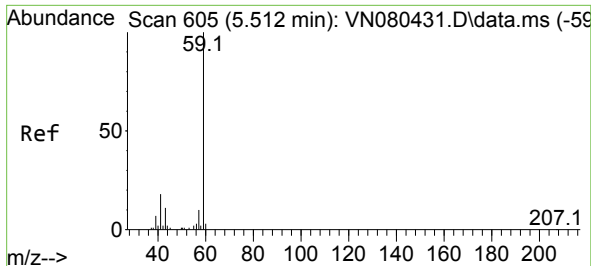
Tgt Ion: 94 Resp: 246
Ion Ratio Lower Upper
94 100
96 57.7 73.1 109.7#



#10
Methyl Iodide
Concen: 0.288 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.012 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

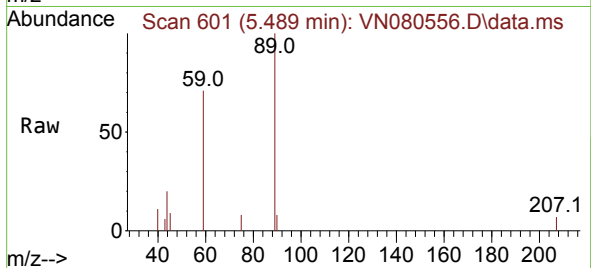
Tgt Ion:142 Resp: 570
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.4 17.0#



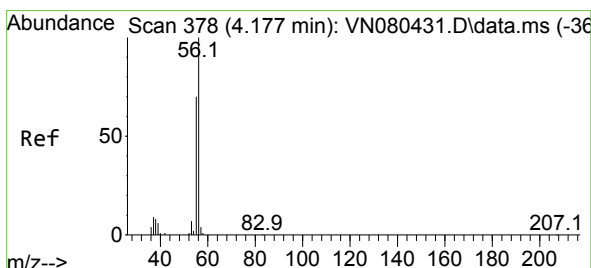
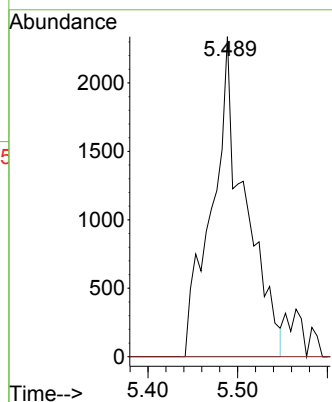
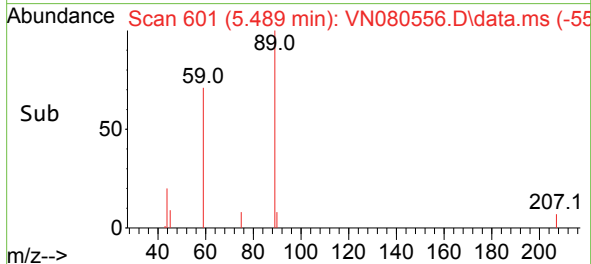


#11
Tert butyl alcohol
Concen: 18.358 ug/l
RT: 5.489 min Scan# 605
Delta R.T. -0.023 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

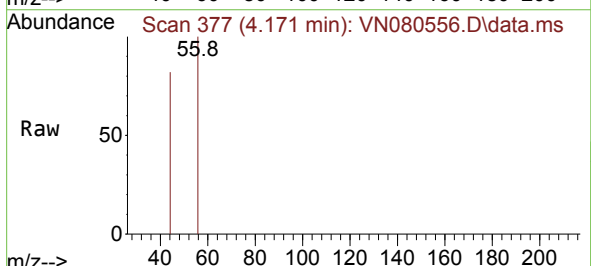
Instrument :
MSVOA_N
ClientSampleId :



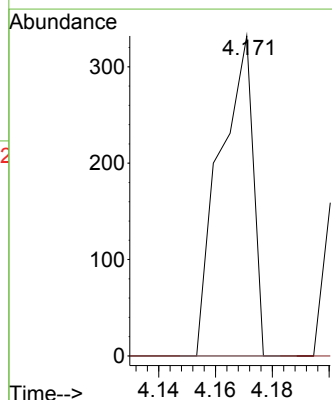
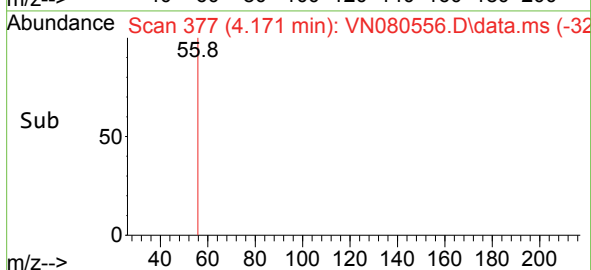
Tgt Ion: 59 Resp: 5932
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

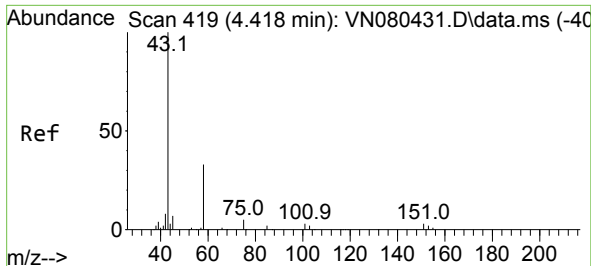


#13
Acrolein
Concen: 0.760 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53



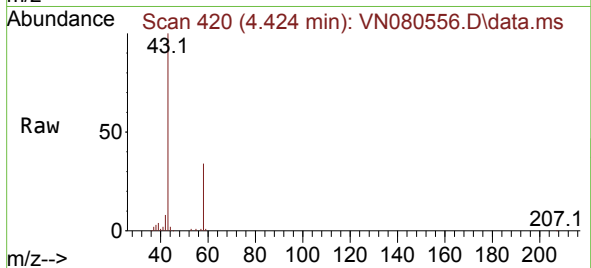
Tgt Ion: 56 Resp: 269
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



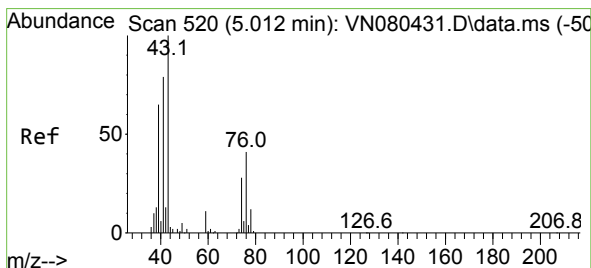
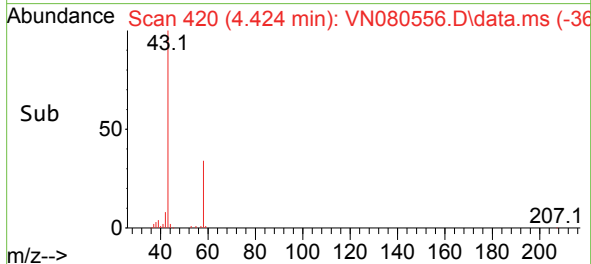
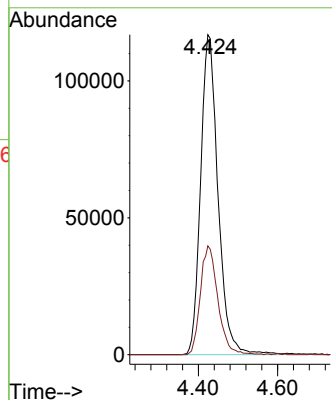


#16
Acetone
Concen: 731.128 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

Instrument :
MSVOA_N
ClientSampleId :

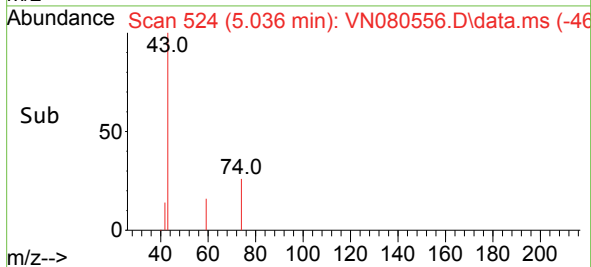
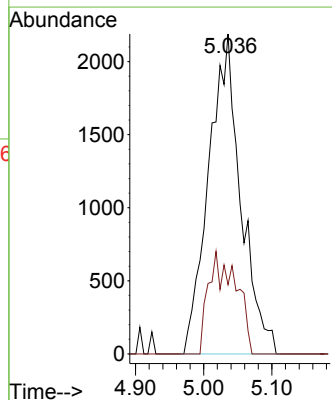
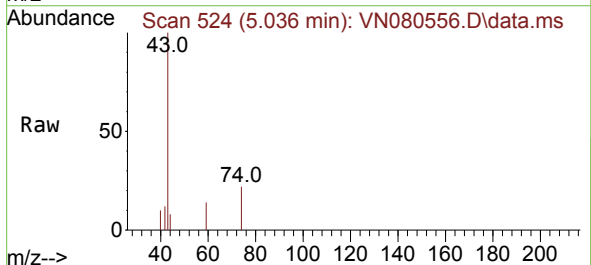


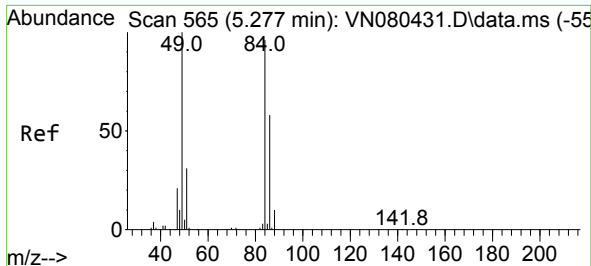
Tgt Ion: 43 Resp: 355688
Ion Ratio Lower Upper
43 100
58 34.0 28.0 42.0



#18
Methyl Acetate
Concen: 2.293 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.024 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

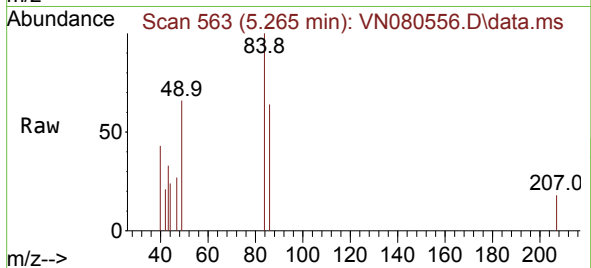
Tgt Ion: 43 Resp: 7177
Ion Ratio Lower Upper
43 100
74 12.1 26.2 39.4#



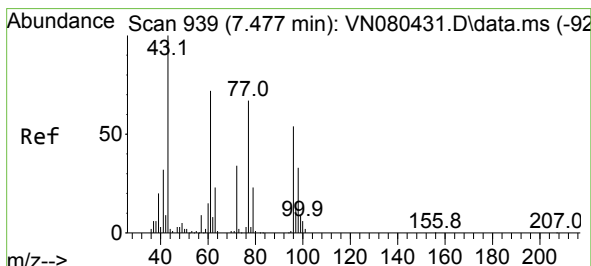
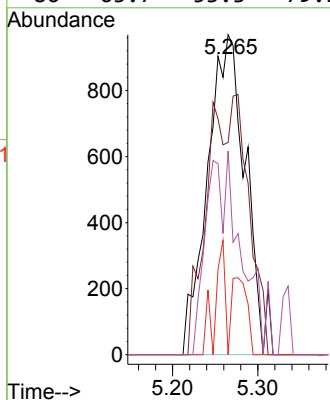
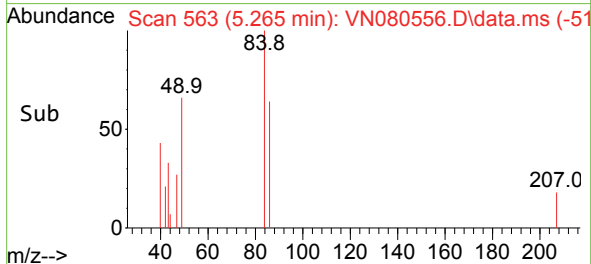


#20
Methylene Chloride
Concen: 1.159 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

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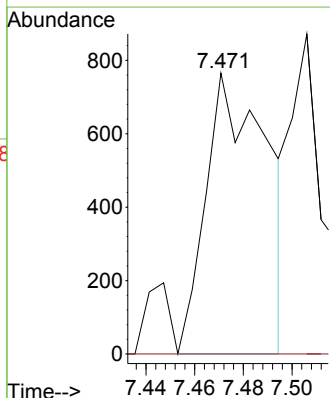
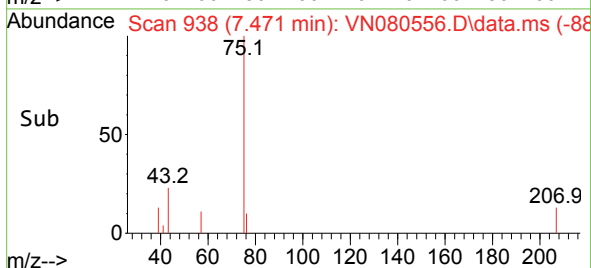
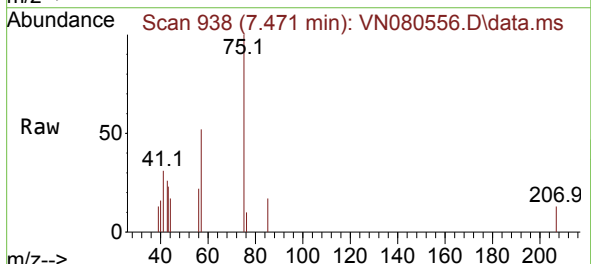


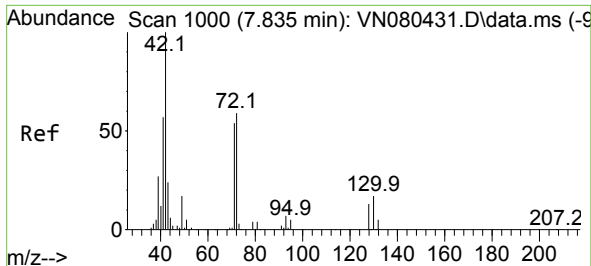
Tgt Ion: 84 Resp: 3018
Ion Ratio Lower Upper
84 100
49 66.4 79.7 119.5#
51 0.0 25.2 37.8#
86 63.7 53.3 79.9



#25
2-Butanone
Concen: 1.415 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

Tgt Ion: 43 Resp: 1326
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#





#29

Tetrahydrofuran

Concen: 4.308 ug/l

RT: 8.000 min Scan# 1065

Delta R.T. 0.165 min

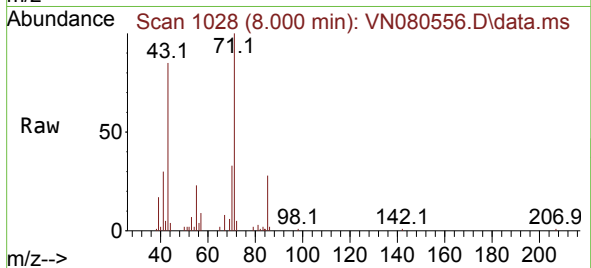
Lab File: VN080556.D

Acq: 20 Dec 2023 18:53

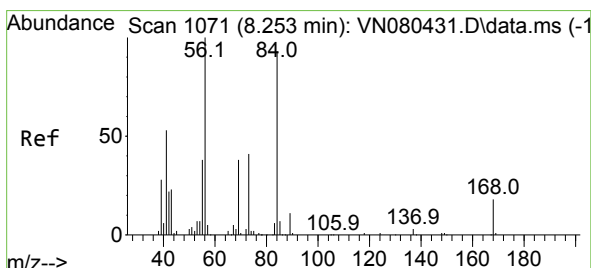
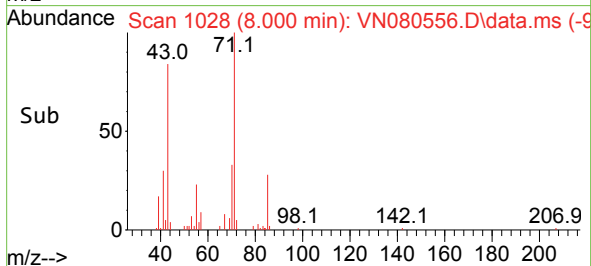
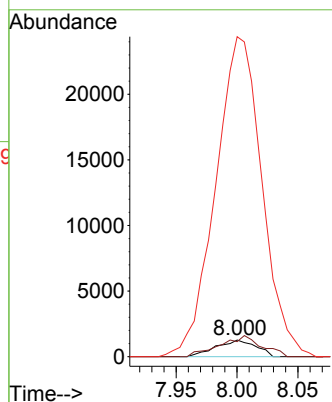
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	2891
Ion Ratio	Lower	Upper	
42	100		
72	132.0	49.8	74.6#
71	2238.4	47.4	71.2#



#31

Cyclohexane

Concen: 65.081 ug/l

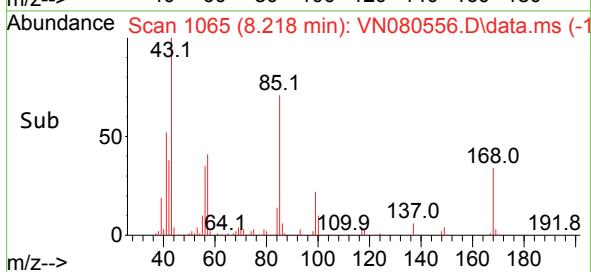
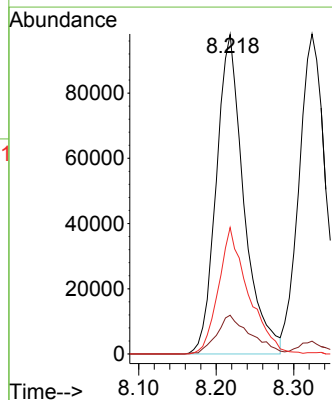
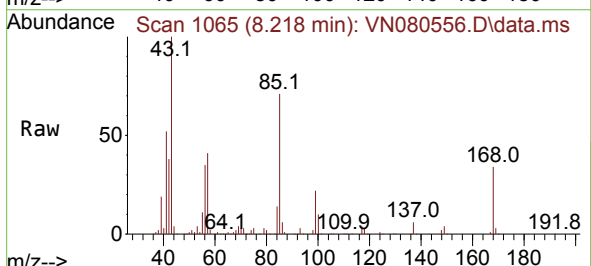
RT: 8.218 min Scan# 1065

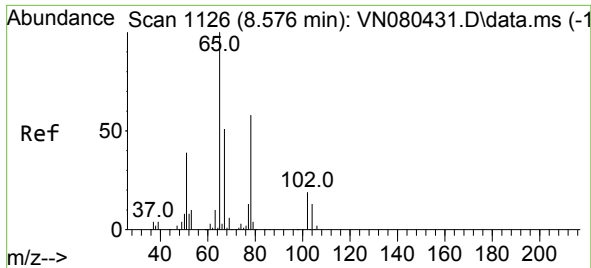
Delta R.T. -0.035 min

Lab File: VN080556.D

Acq: 20 Dec 2023 18:53

Tgt Ion:	56	Resp:	242830
Ion Ratio	Lower	Upper	
56	100		
69	12.1	26.8	40.2#
84	39.6	81.8	122.6#





#33

1,2-Dichloroethane-d4

Concen: 56.191 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080556.D

Acq: 20 Dec 2023 18:53

Instrument :

MSVOA_N

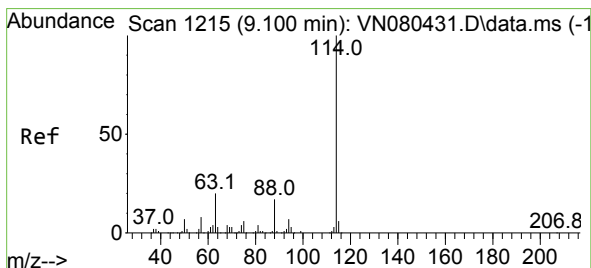
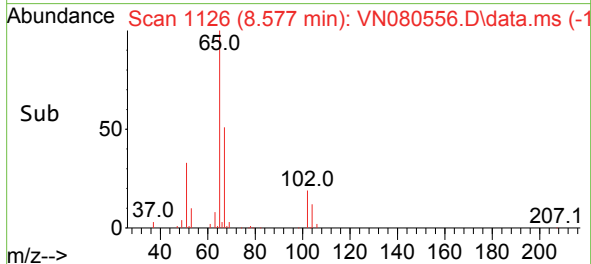
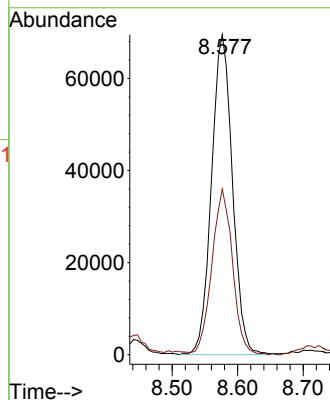
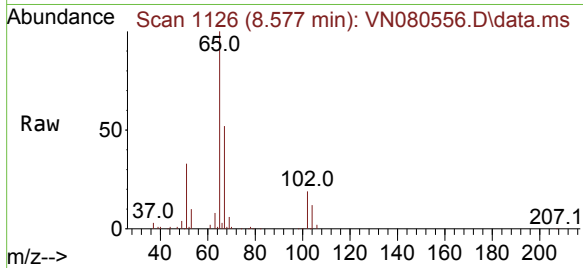
ClientSampleId :

Tgt Ion: 65 Resp: 154172

Ion Ratio Lower Upper

65 100

67 51.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080556.D

Acq: 20 Dec 2023 18:53

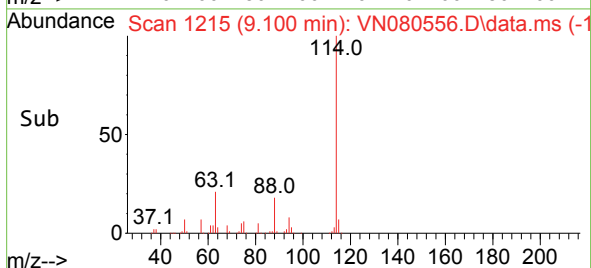
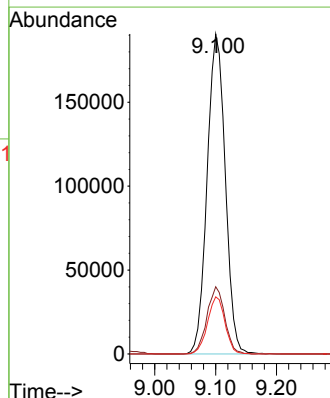
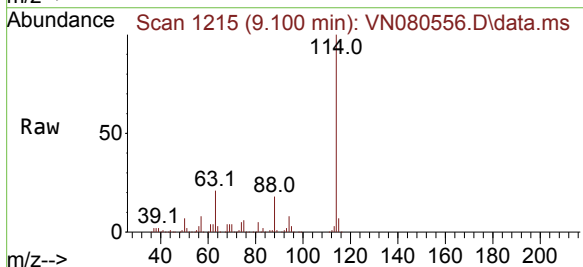
Tgt Ion: 114 Resp: 394816

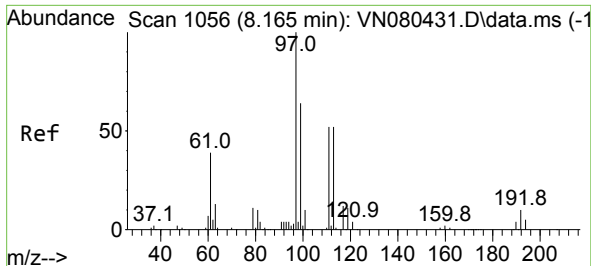
Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 17.9 0.0 30.6

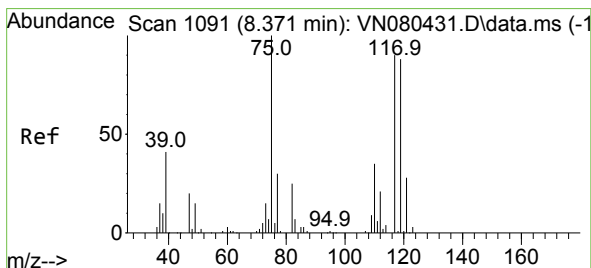
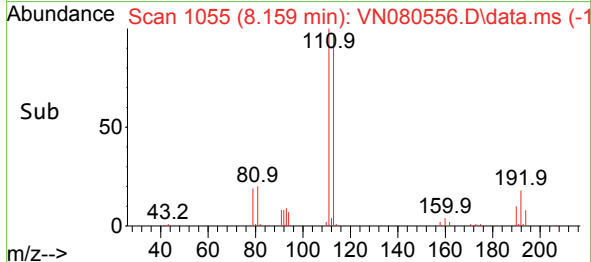
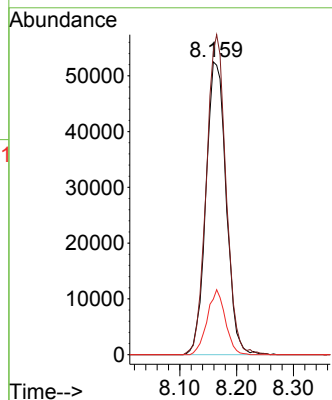
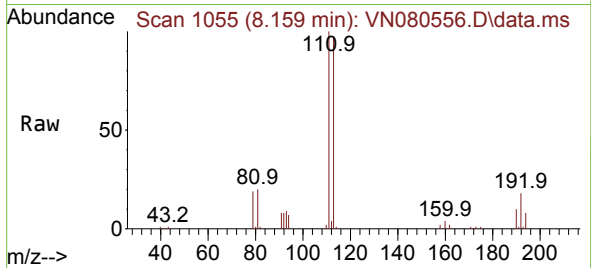




#35
Dibromofluoromethane
Concen: 51.719 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

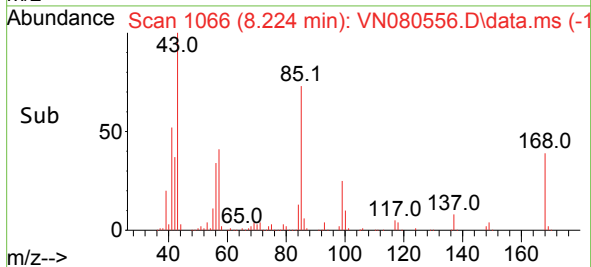
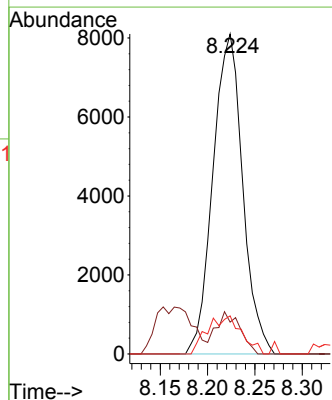
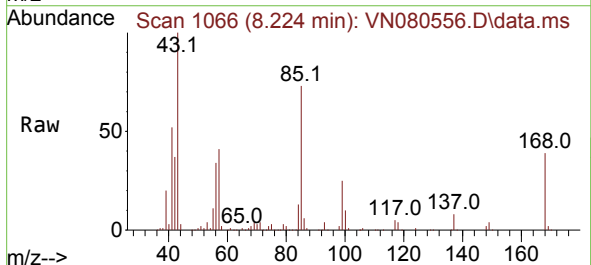
Instrument :
MSVOA_N
ClientSampleId :

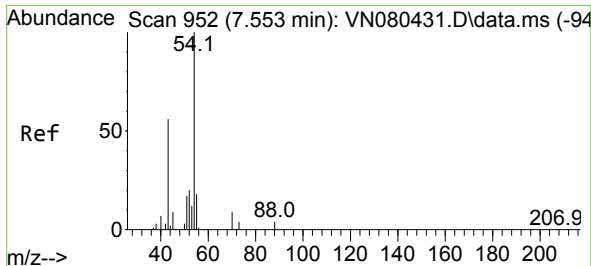
Tgt Ion:113 Resp: 129468
Ion Ratio Lower Upper
113 100
111 106.3 82.6 123.8
192 19.9 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 4.314 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

Tgt Ion: 75 Resp: 17656
Ion Ratio Lower Upper
75 100
110 10.4 19.1 57.3#
77 13.8 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.517 ug/l

RT: 7.471 min Scan# 91

Delta R.T. -0.082 min

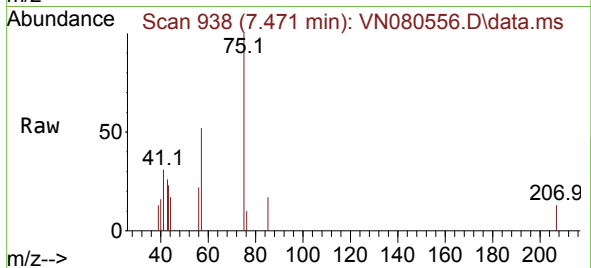
Lab File: VN080556.D

Acq: 20 Dec 2023 18:53

Instrument :

MSVOA_N

ClientSampleId :



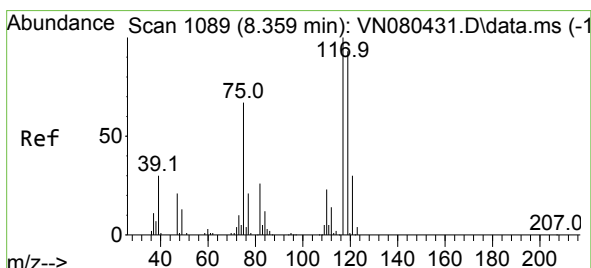
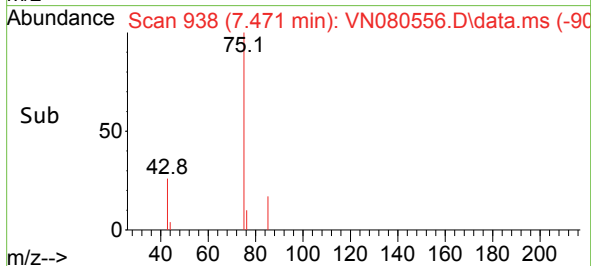
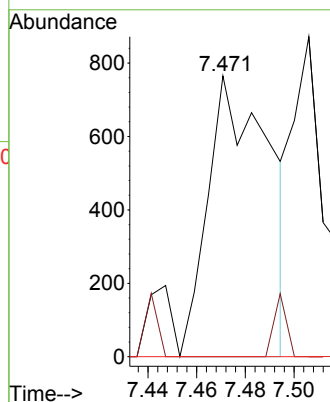
Tgt Ion: 43 Resp: 1326

Ion Ratio Lower Upper

43 100

61 0.0 13.2 19.8#

70 0.0 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 5.066 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN080556.D

Acq: 20 Dec 2023 18:53

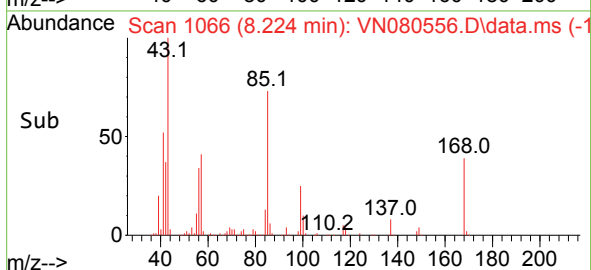
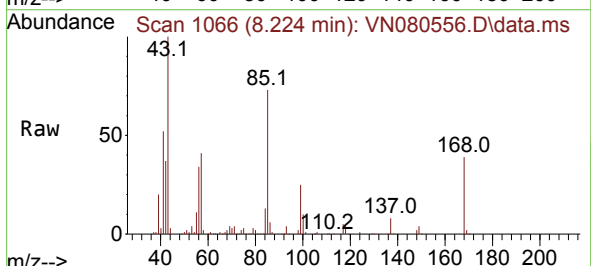
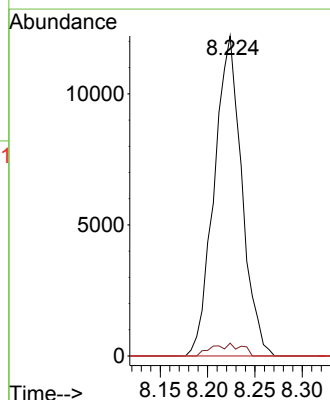
Tgt Ion: 117 Resp: 24777

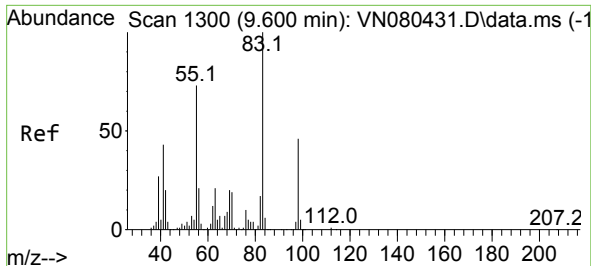
Ion Ratio Lower Upper

117 100

119 4.0 77.3 115.9#

121 0.0 23.3 34.9#

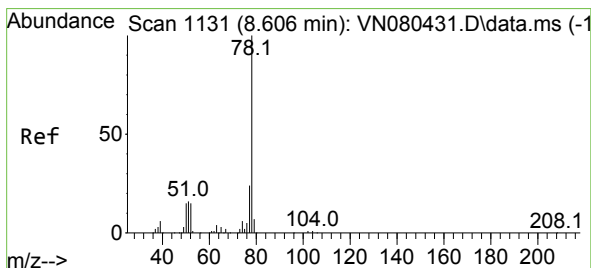
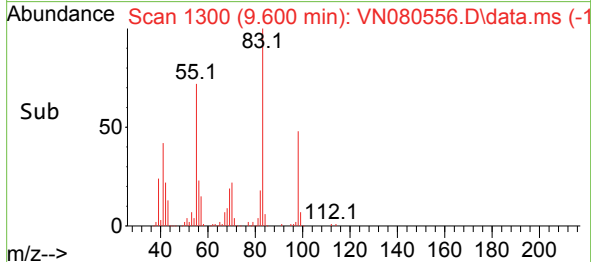
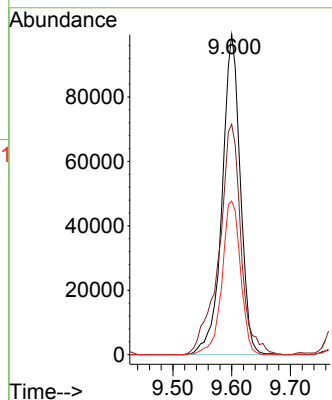
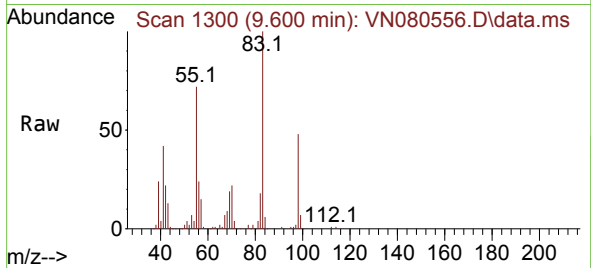




#39
Methylcyclohexane
Concen: 50.166 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

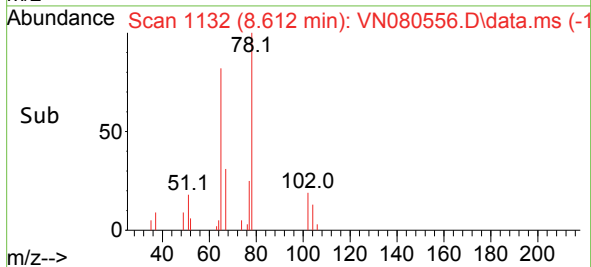
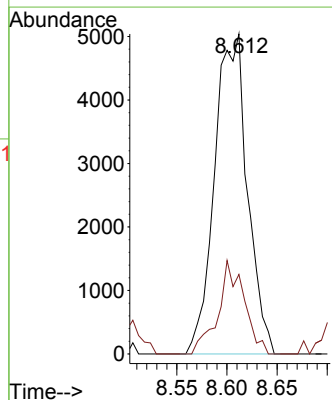
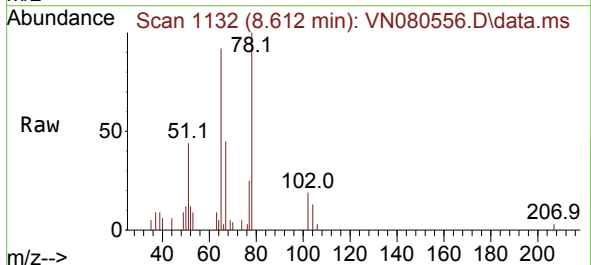
Instrument :
MSVOA_N
ClientSampleId :

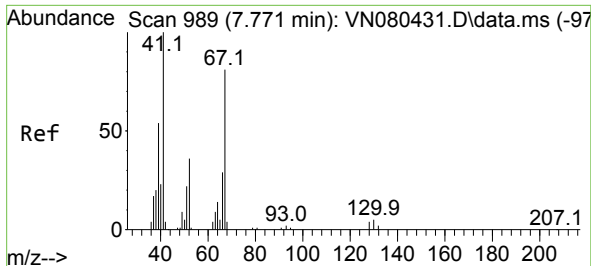
Tgt Ion: 83 Resp: 213307
Ion Ratio Lower Upper
83 100
55 72.0 49.1 73.7
98 48.0 40.6 61.0



#40
Benzene
Concen: 0.970 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

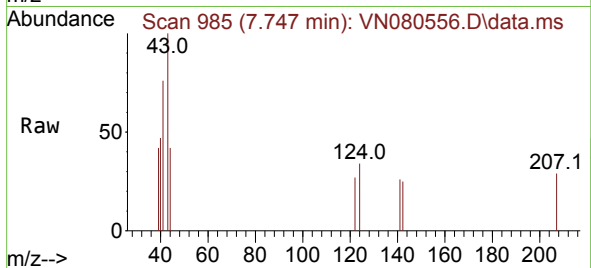
Tgt Ion: 78 Resp: 11467
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.6



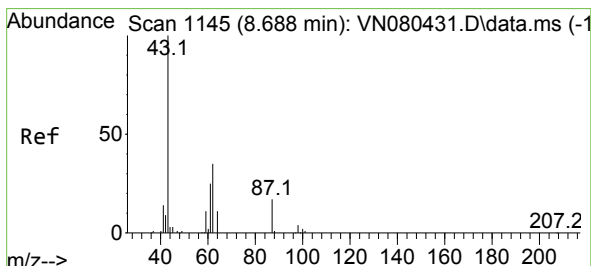
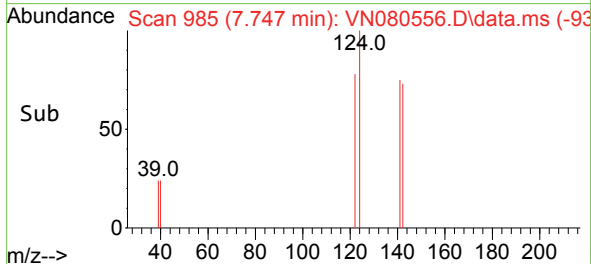
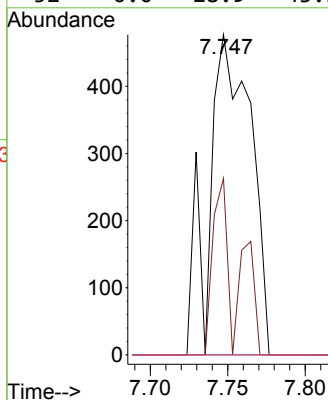


#41
Methacrylonitrile
Concen: 0.606 ug/l
RT: 7.747 min Scan# 91
Delta R.T. -0.023 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

Instrument :
MSVOA_N
ClientSampleId :

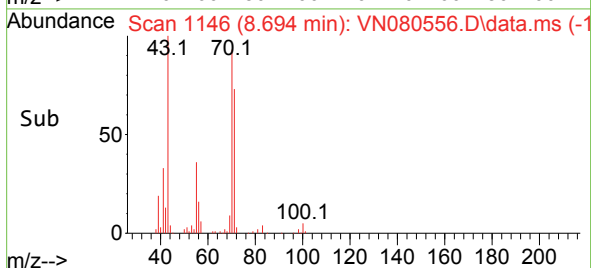
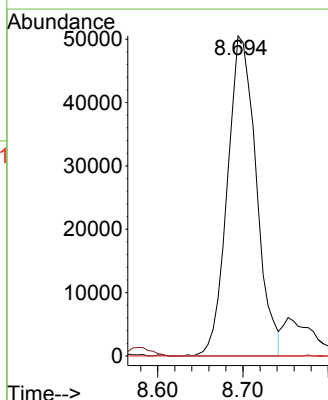
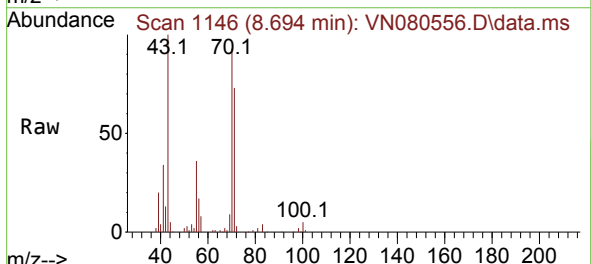


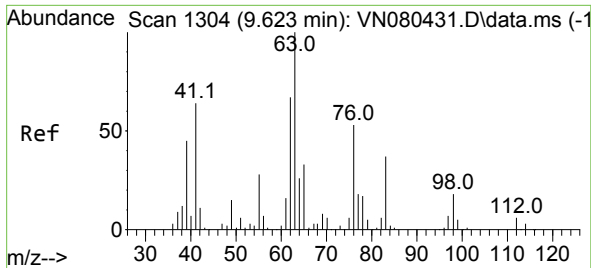
Tgt Ion:	41	Resp:	896
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.6	64.0#
67	0.0	77.5	116.3#
52	0.0	28.9	43.3#



#43
Isopropyl Acetate
Concen: 25.750 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

Tgt Ion:	43	Resp:	118666
Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.7	37.1#
87	0.0	14.6	21.8#

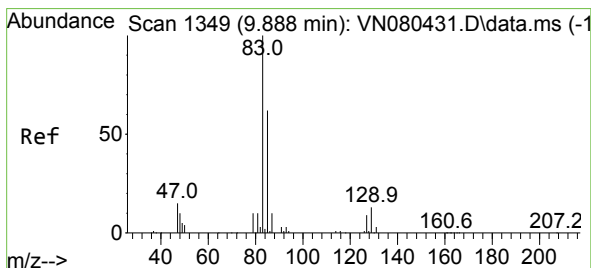
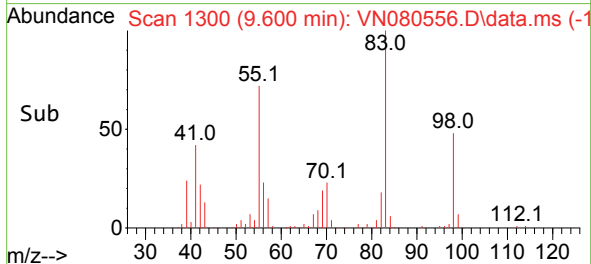
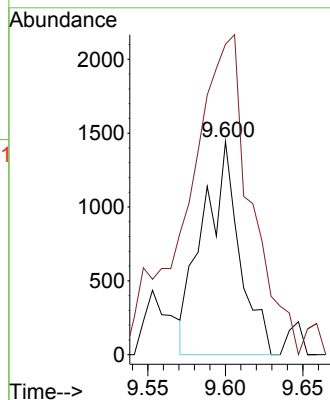
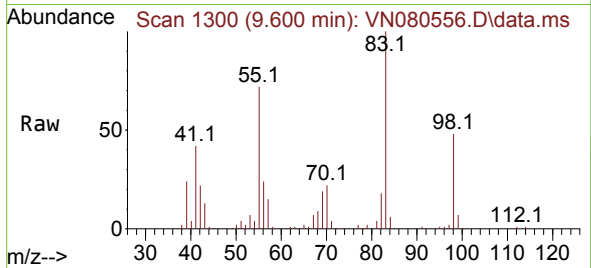




#45
1,2-Dichloropropane
Concen: 0.845 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

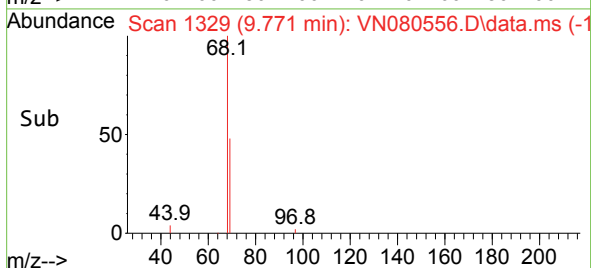
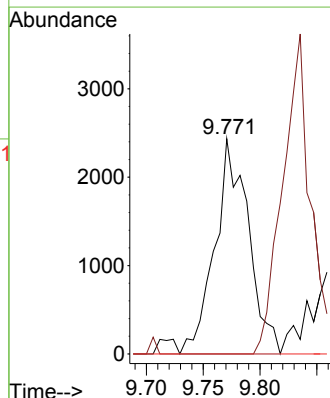
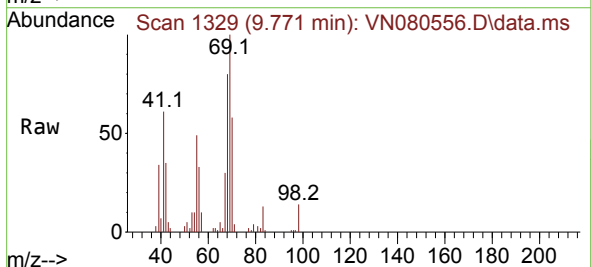
Instrument :
MSVOA_N
ClientSampleId :

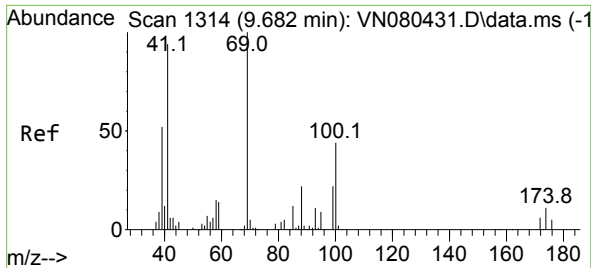
Tgt Ion: 63 Resp: 2345
Ion Ratio Lower Upper
63 100
65 122.9 23.9 35.9#



#47
Bromodichloromethane
Concen: 1.169 ug/l
RT: 9.771 min Scan# 1329
Delta R.T. -0.118 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

Tgt Ion: 83 Resp: 4996
Ion Ratio Lower Upper
83 100
85 0.0 49.6 74.4#
127 0.0 7.0 10.6#

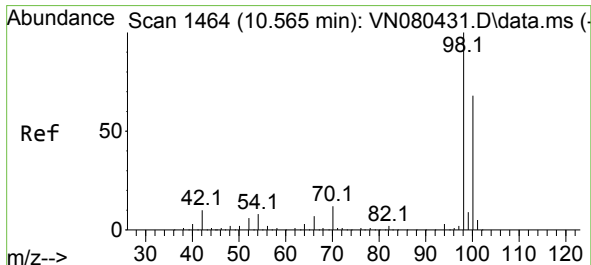
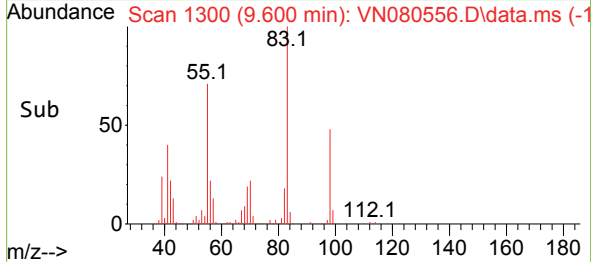
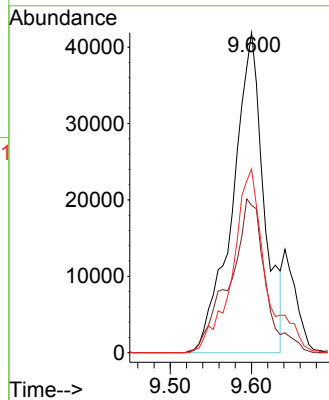
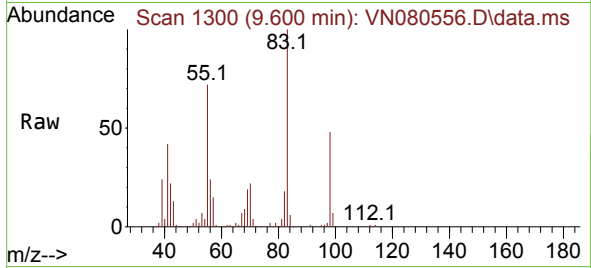




#48
Methyl methacrylate
Concen: 40.855 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.082 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

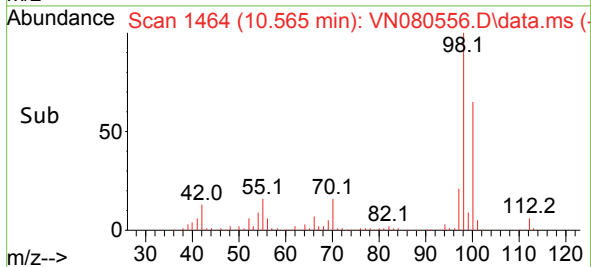
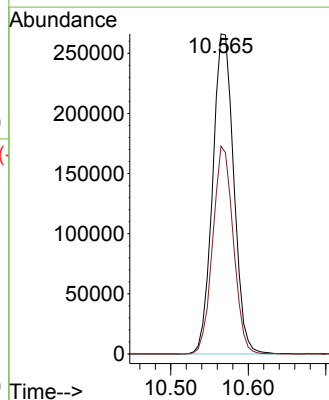
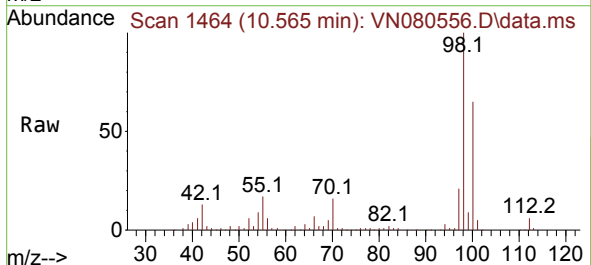
Instrument :
MSVOA_N
ClientSampleId :

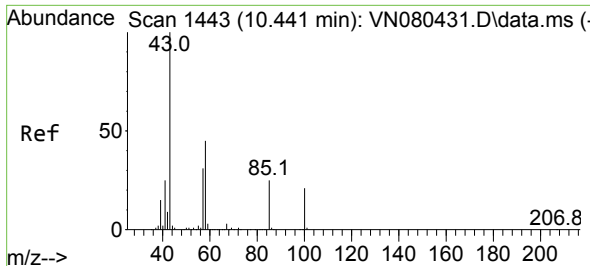
Tgt Ion: 41 Resp: 112356
Ion Ratio Lower Upper
41 100
69 55.0 90.4 135.6#
39 61.0 54.6 81.8



#50
Toluene-d8
Concen: 53.913 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

Tgt Ion: 98 Resp: 503328
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 3.353 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.124 min

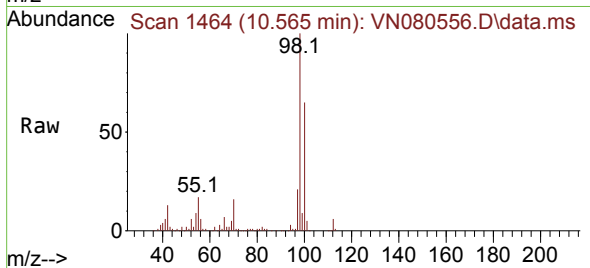
Lab File: VN080556.D

Acq: 20 Dec 2023 18:53

Instrument :

MSVOA_N

ClientSampleId :

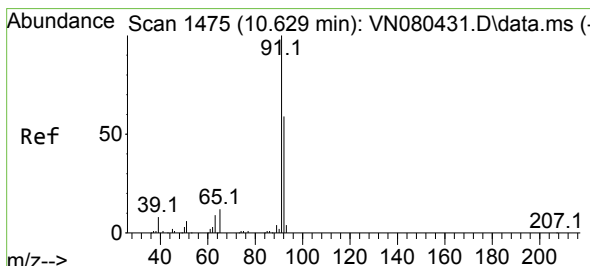
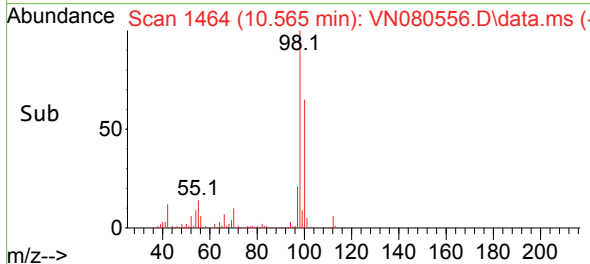
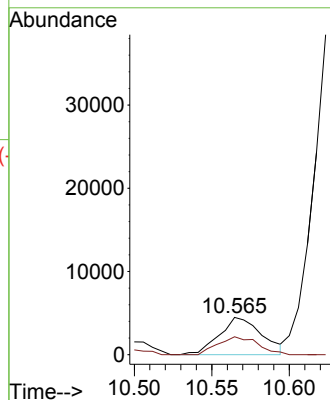


Tgt Ion: 43 Resp: 8511

Ion Ratio Lower Upper

43 100

58 45.5 36.6 54.8



#52

Toluene

Concen: 1217.919 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN080556.D

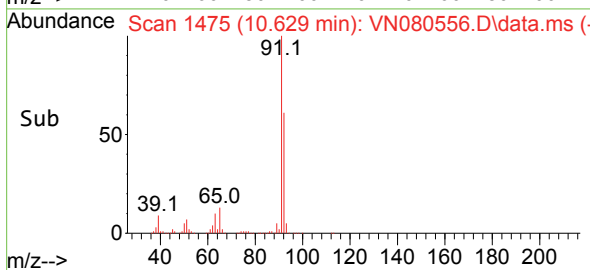
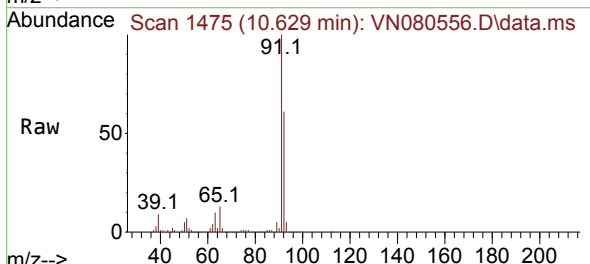
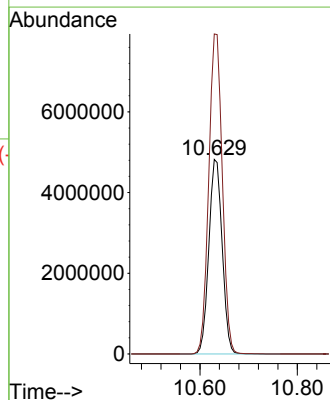
Acq: 20 Dec 2023 18:53

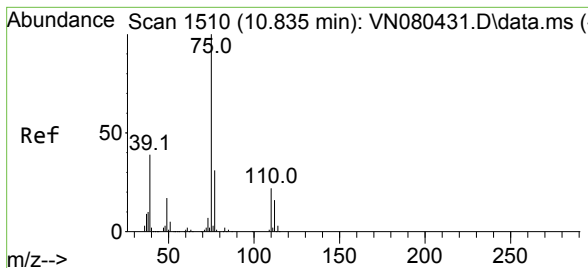
Tgt Ion: 92 Resp: 9093732

Ion Ratio Lower Upper

92 100

91 167.6 137.4 206.0

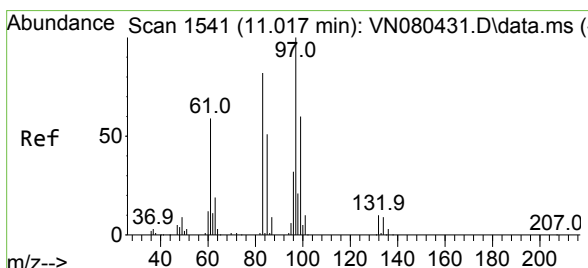
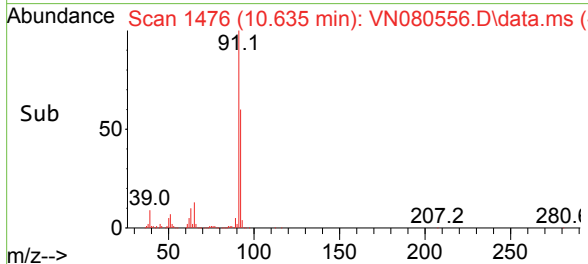
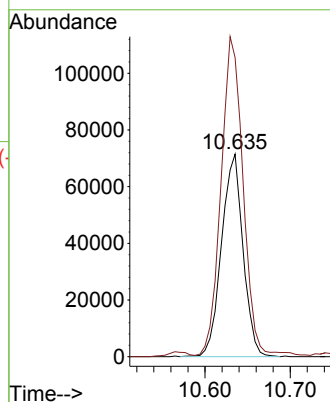
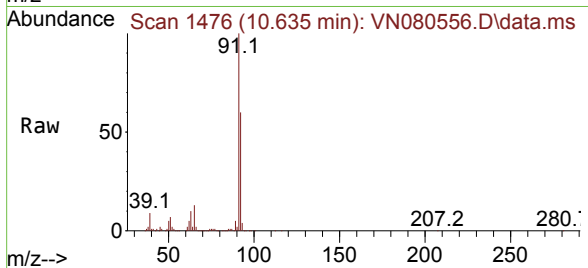




#53
t-1,3-Dichloropropene
Concen: 27.067 ug/l
RT: 10.635 min Scan# 14
Delta R.T. -0.200 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

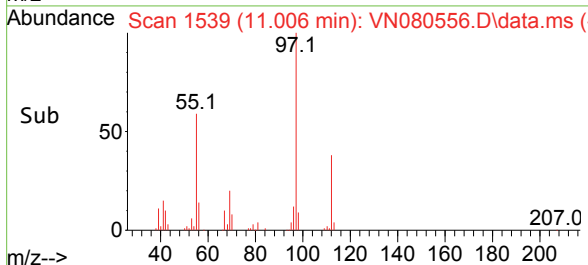
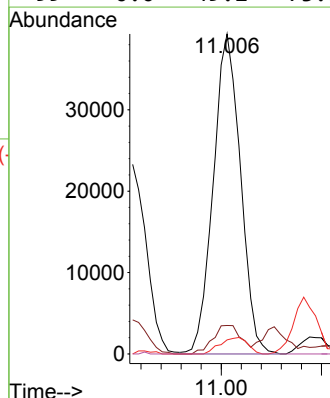
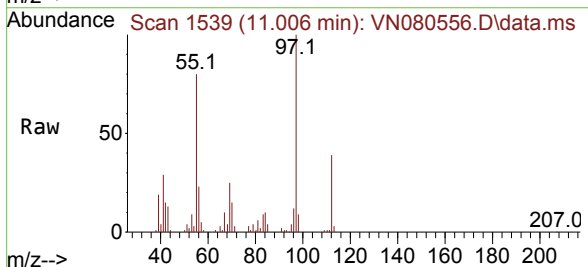
Instrument :
MSVOA_N
ClientSampleId :

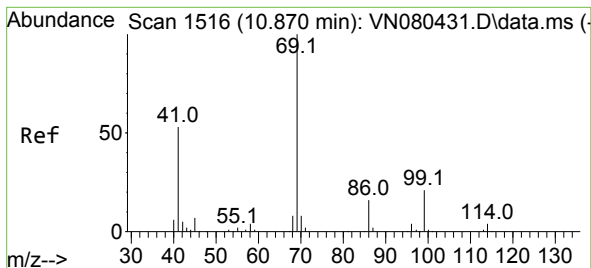
Tgt Ion: 75 Resp: 125124
Ion Ratio Lower Upper
75 100
77 145.6 25.4 38.0#



#55
1,1,2-Trichloroethane
Concen: 27.558 ug/l
RT: 11.006 min Scan# 1539
Delta R.T. -0.012 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

Tgt Ion: 97 Resp: 74038
Ion Ratio Lower Upper
97 100
83 8.9 65.1 97.7#
85 4.4 43.4 65.2#
99 0.0 49.2 73.8#

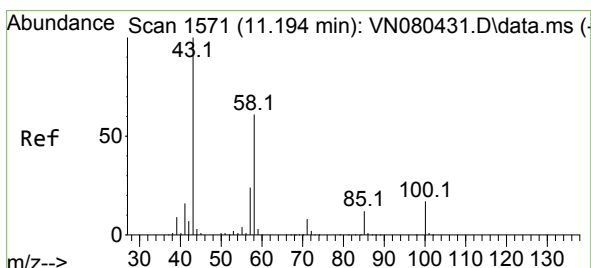
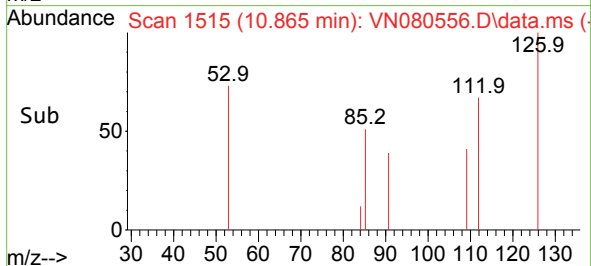
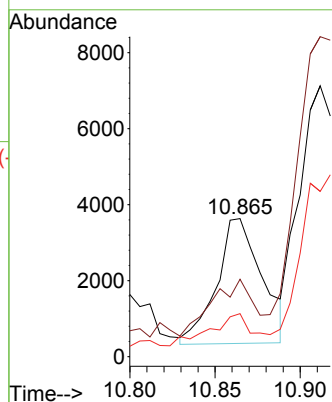
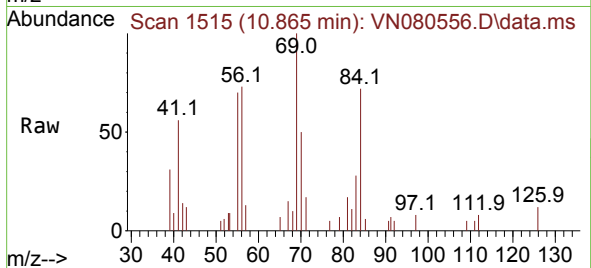




#56
Ethyl methacrylate
Concen: 2.039 ug/l
RT: 10.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

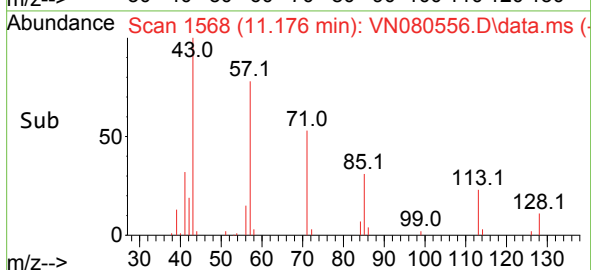
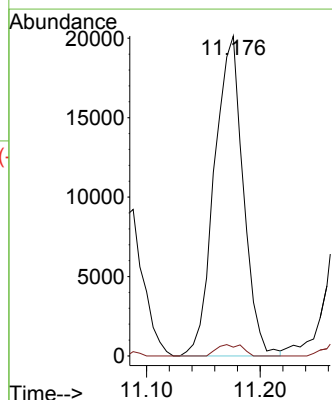
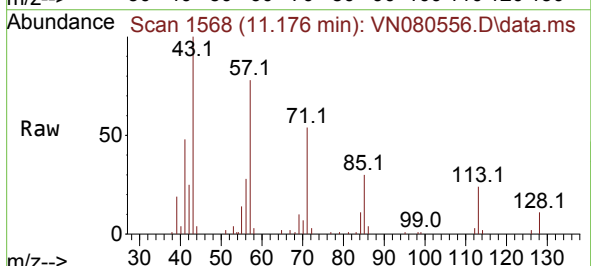
Instrument :
MSVOA_N
ClientSampleId :

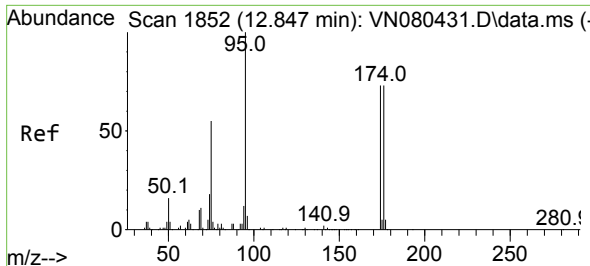
Tgt Ion: 69 Resp: 6064
Ion Ratio Lower Upper
69 100
41 0.0 39.6 59.4#
39 0.0 28.6 43.0#



#59
2-Hexanone
Concen: 18.992 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.018 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

Tgt Ion: 43 Resp: 35585
Ion Ratio Lower Upper
43 100
58 3.2 31.7 95.1#

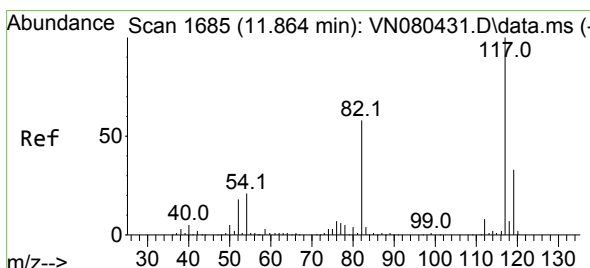
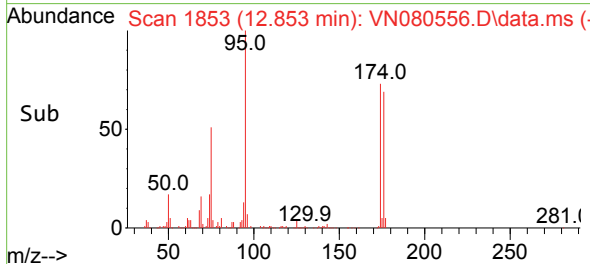
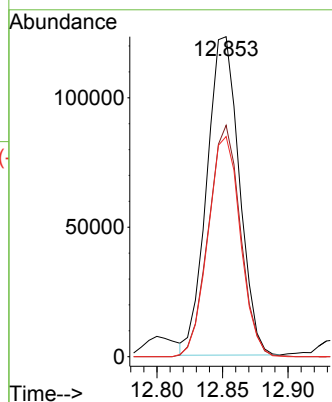
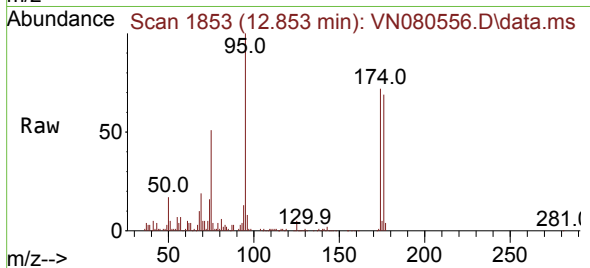




#62
4-Bromofluorobenzene
Concen: 59.827 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

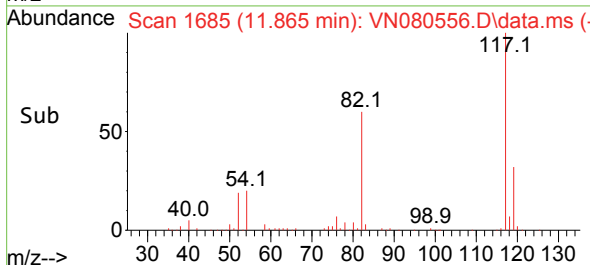
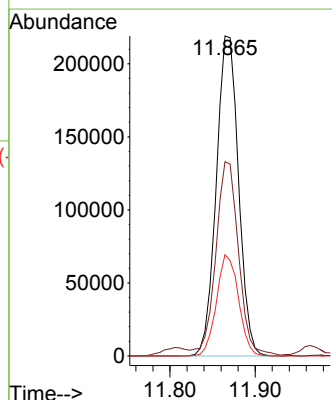
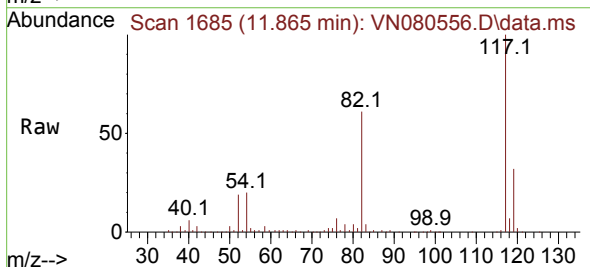
Instrument :
MSVOA_N
ClientSampleId :

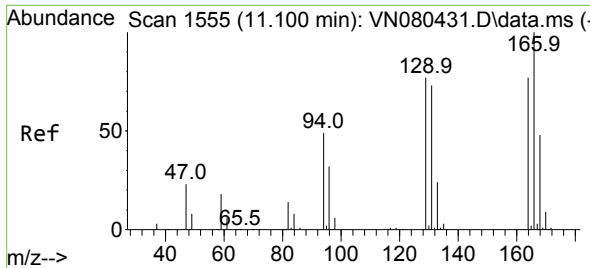
Tgt Ion: 95 Resp: 212092
Ion Ratio Lower Upper
95 100
174 71.4 0.0 143.8
176 69.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

Tgt Ion: 117 Resp: 396732
Ion Ratio Lower Upper
117 100
82 60.4 44.0 66.0
119 31.7 25.6 38.4

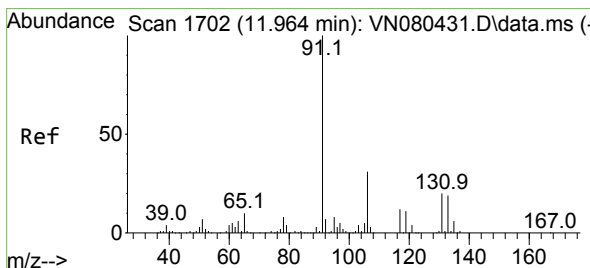
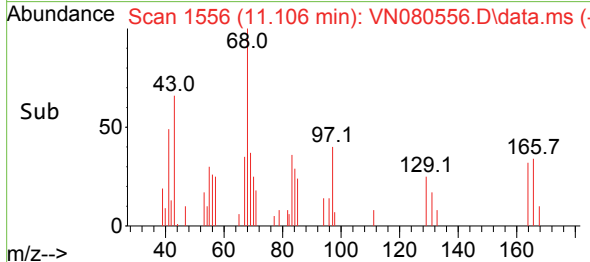
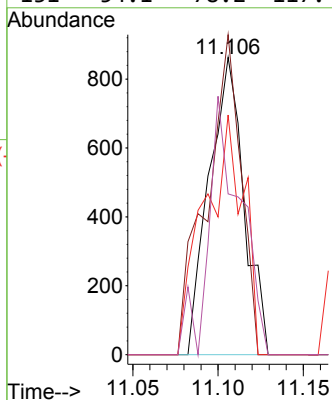
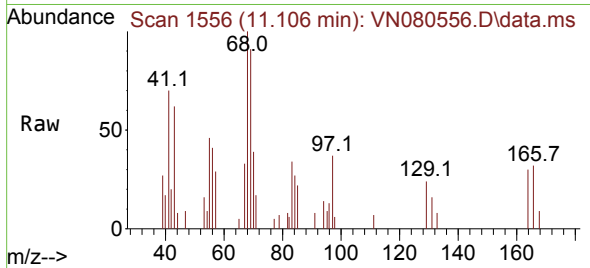




#64
Tetrachloroethene
Concen: 0.402 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

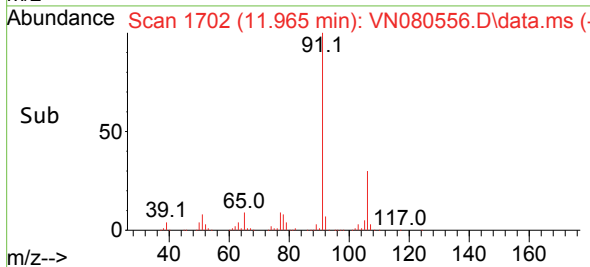
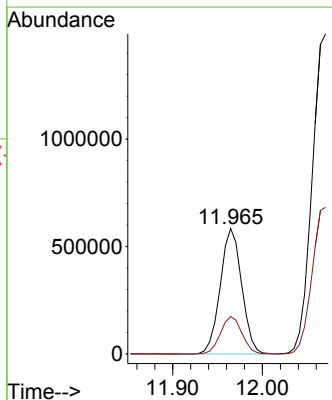
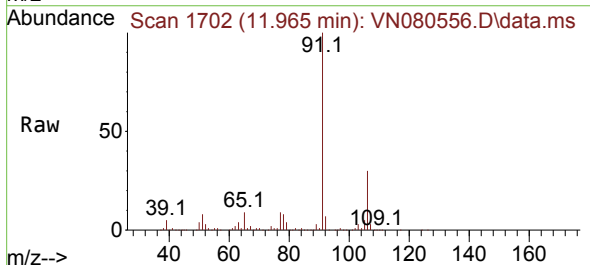
Instrument :
MSVOA_N
ClientSampleId :

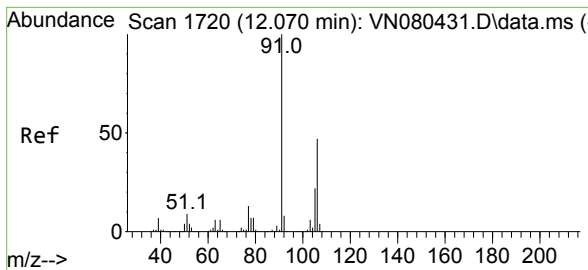
Tgt Ion:164 Resp: 1230
Ion Ratio Lower Upper
164 100
166 107.6 101.4 152.0
129 80.6 82.4 123.6#
131 54.1 78.2 117.4#



#67
Ethyl Benzene
Concen: 59.561 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

Tgt Ion: 91 Resp: 966534
Ion Ratio Lower Upper
91 100
106 29.9 25.6 38.4

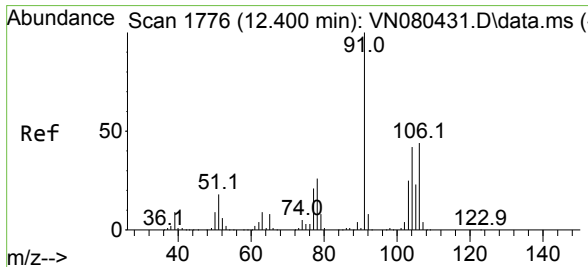
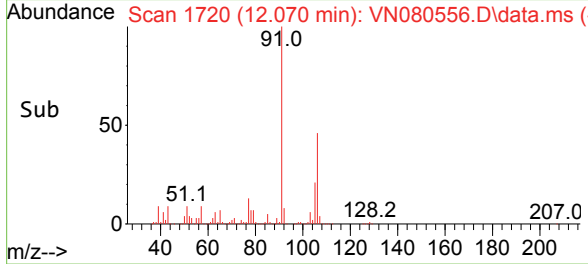
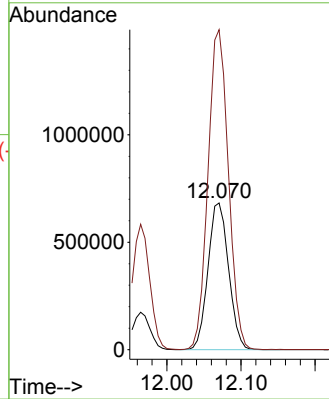
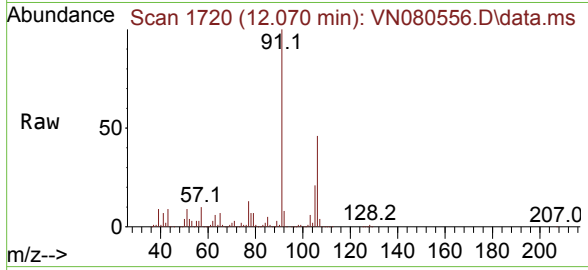




#68
m/p-Xylenes
Concen: 219.476 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

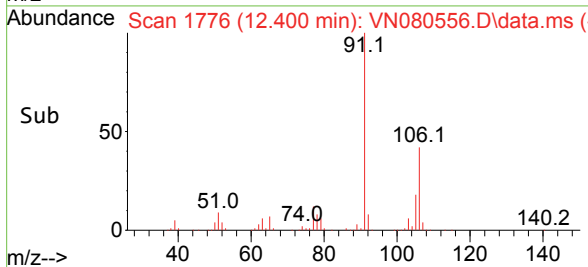
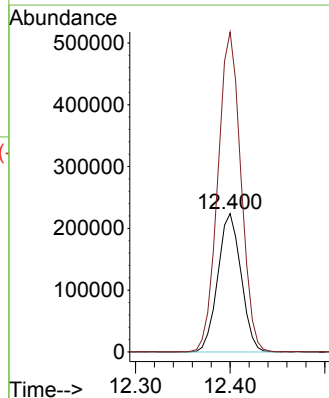
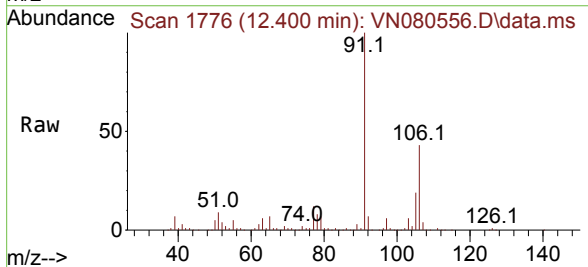
Instrument :
MSVOA_N
ClientSampleId :

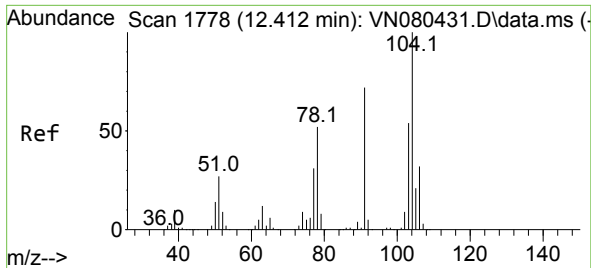
Tgt Ion:106 Resp: 1316086
Ion Ratio Lower Upper
106 100
91 216.0 159.6 239.4



#69
o-Xylene
Concen: 65.111 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

Tgt Ion:106 Resp: 381893
Ion Ratio Lower Upper
106 100
91 229.8 105.2 315.5

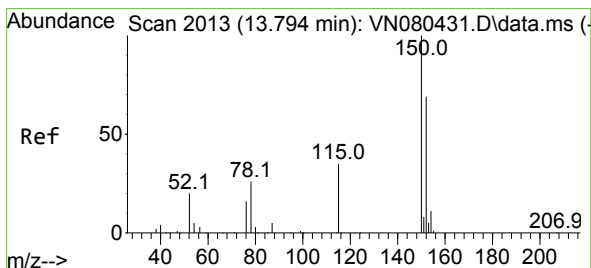
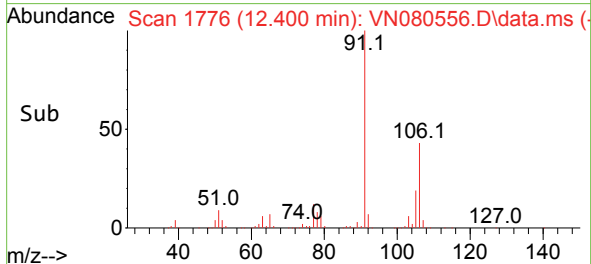
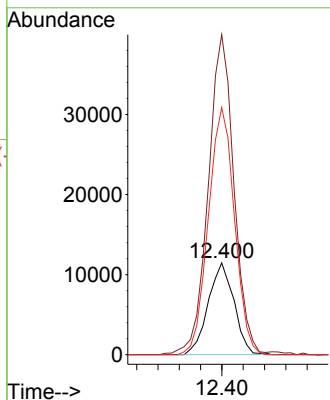
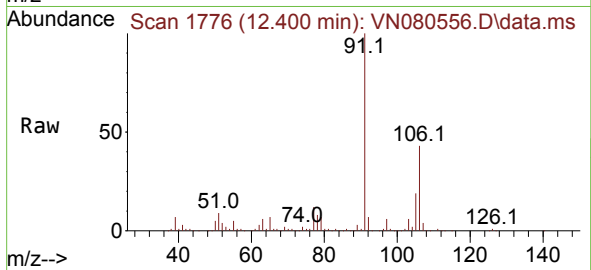




#70
Styrene
Concen: 2.288 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

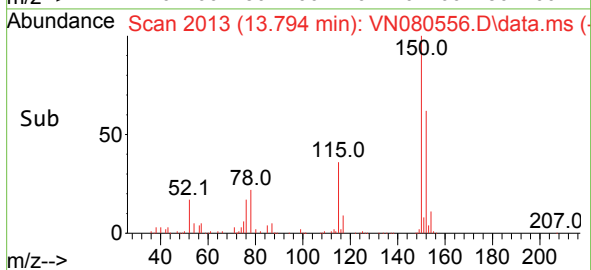
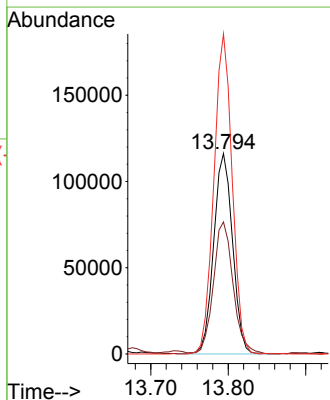
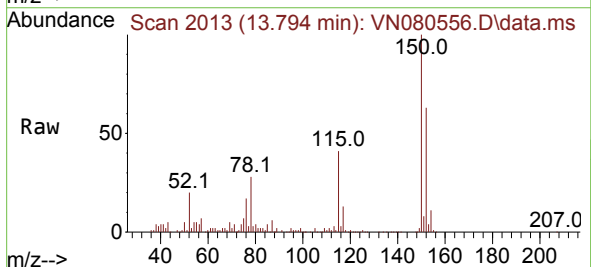
Instrument :
MSVOA_N
ClientSampleId :

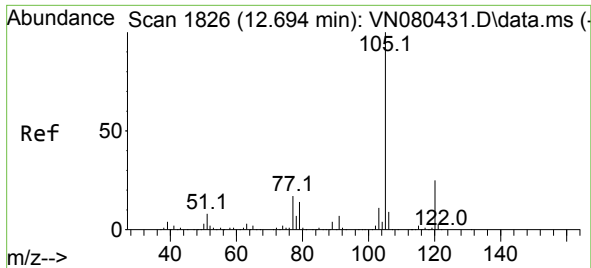
Tgt Ion:104 Resp: 19328
Ion Ratio Lower Upper
104 100
78 348.2 39.5 59.3#
103 272.1 43.2 64.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

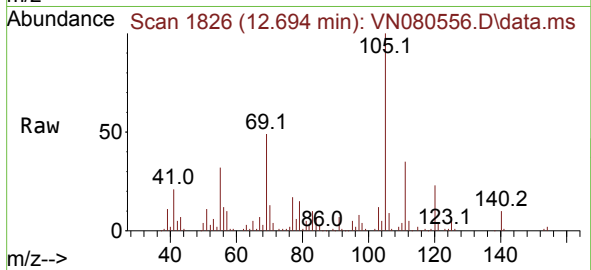
Tgt Ion:152 Resp: 196938
Ion Ratio Lower Upper
152 100
115 68.8 32.3 96.8
150 154.2 0.0 355.8



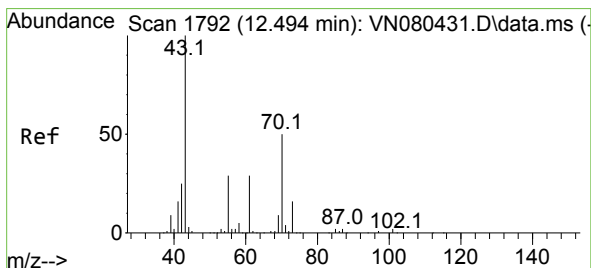
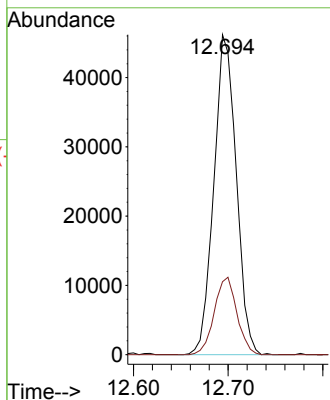
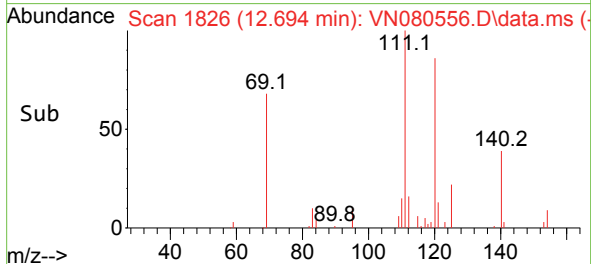


#73
Isopropylbenzene
Concen: 4.795 ug/l
RT: 12.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

Instrument :
MSVOA_N
ClientSampleId :

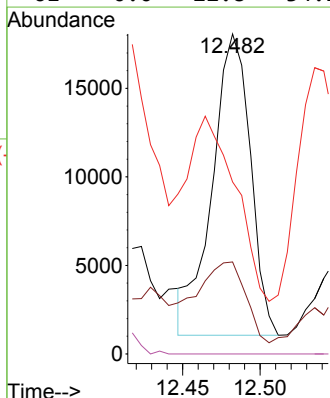
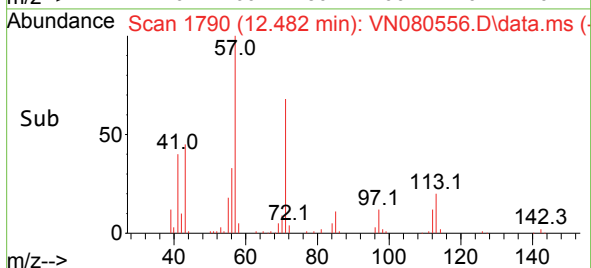
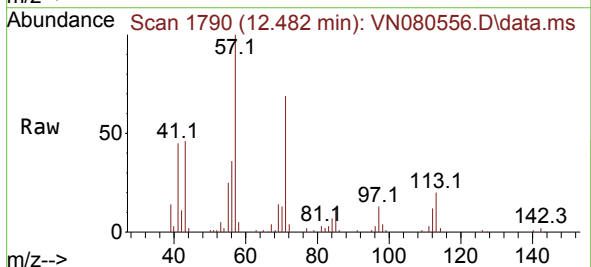


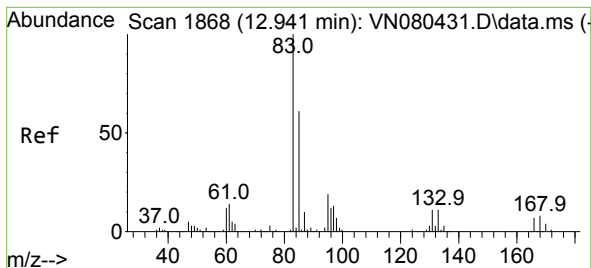
Tgt Ion:105 Resp: 75859
Ion Ratio Lower Upper
105 100
120 24.4 13.1 39.1



#74
N-ethyl acetate
Concen: 6.302 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.012 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

Tgt Ion: 43 Resp: 29115
Ion Ratio Lower Upper
43 100
70 33.4 43.4 65.2#
55 73.7 21.4 32.0#
61 0.0 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.869 ug/l

RT: 12.923 min Scan# 1865

Delta R.T. -0.018 min

Lab File: VN080556.D

Acq: 20 Dec 2023 18:53

Instrument :

MSVOA_N

ClientSampleId :

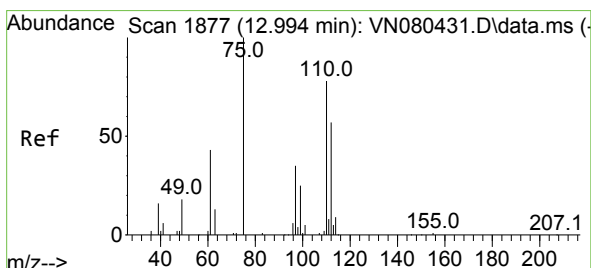
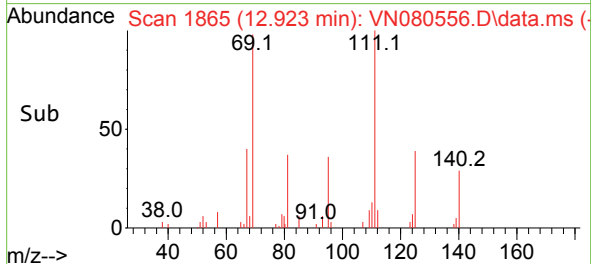
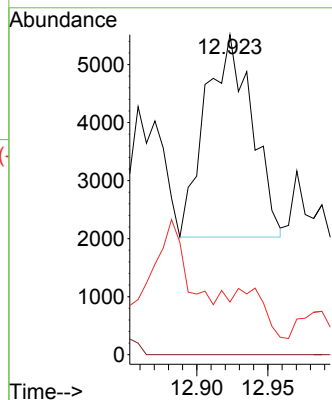
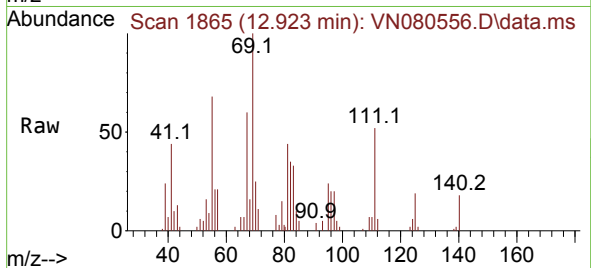
Tgt Ion: 83 Resp: 7925

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 1.774 ug/l

RT: 13.094 min Scan# 1894

Delta R.T. 0.100 min

Lab File: VN080556.D

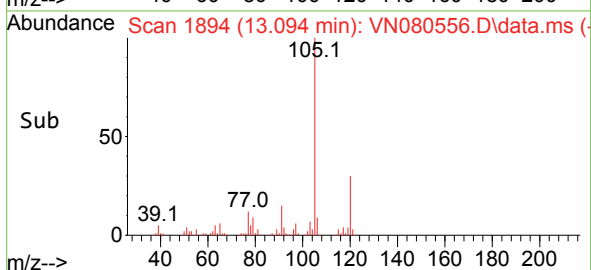
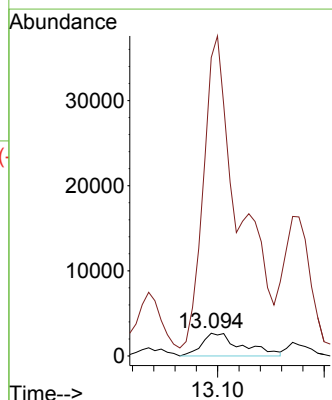
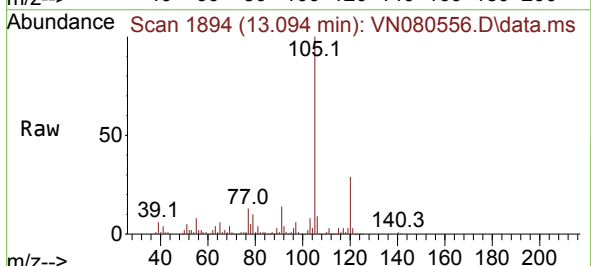
Acq: 20 Dec 2023 18:53

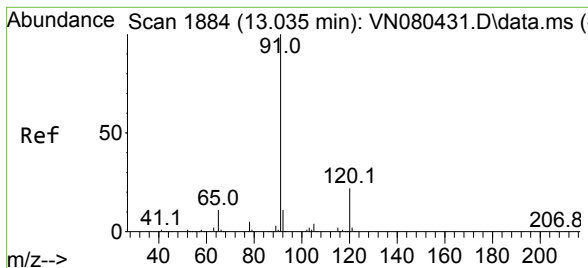
Tgt Ion: 75 Resp: 6969

Ion Ratio Lower Upper

75 100

77 946.0 84.5 253.5#





#78

n-propylbenzene

Concen: 12.293 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN080556.D

Acq: 20 Dec 2023 18:53

Instrument :

MSVOA_N

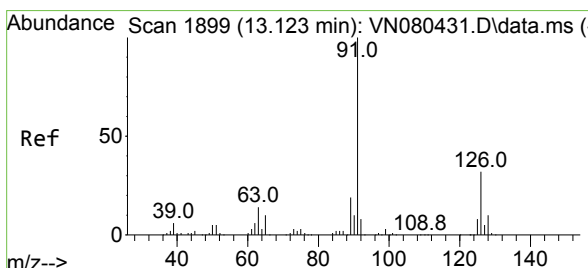
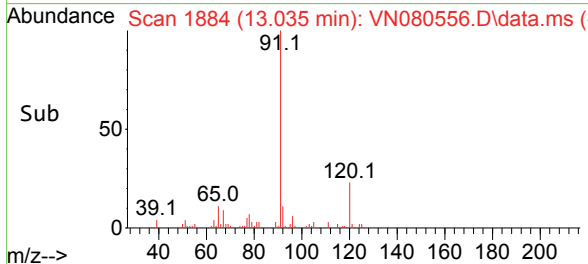
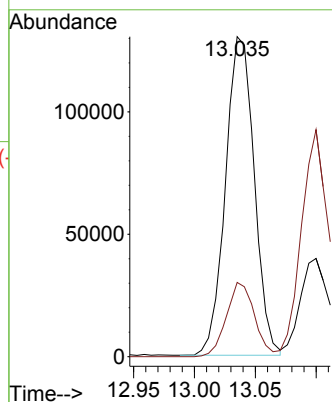
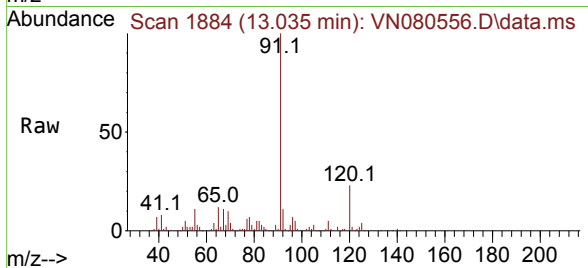
ClientSampleId :

Tgt Ion: 91 Resp: 214424

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4



#79

2-Chlorotoluene

Concen: 5.578 ug/l

RT: 13.100 min Scan# 1895

Delta R.T. -0.023 min

Lab File: VN080556.D

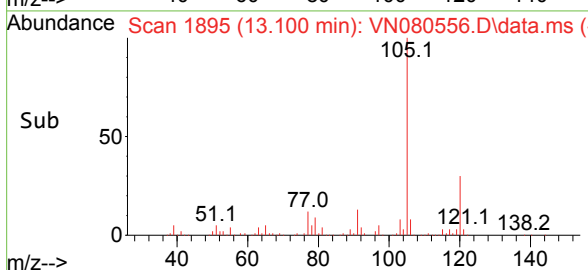
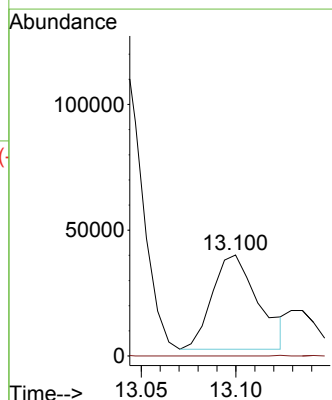
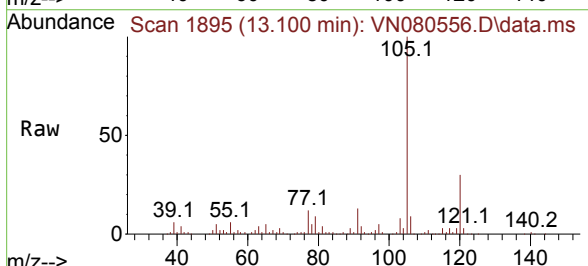
Acq: 20 Dec 2023 18:53

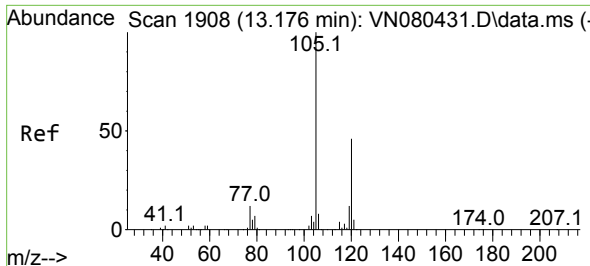
Tgt Ion: 91 Resp: 63518

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#

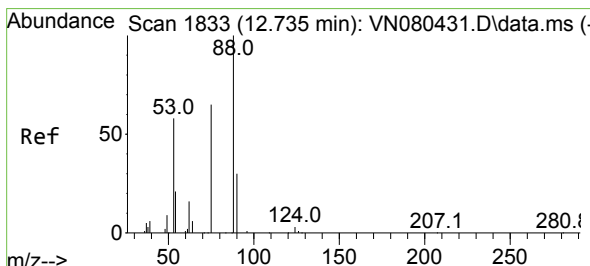
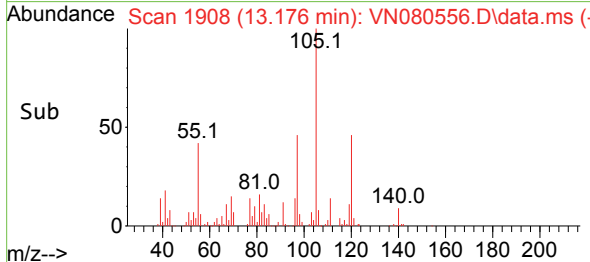
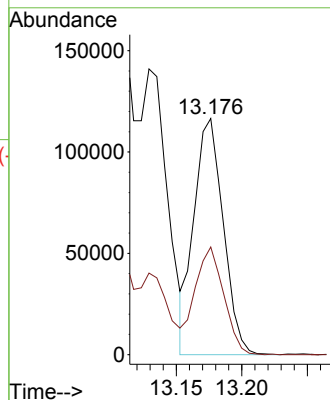
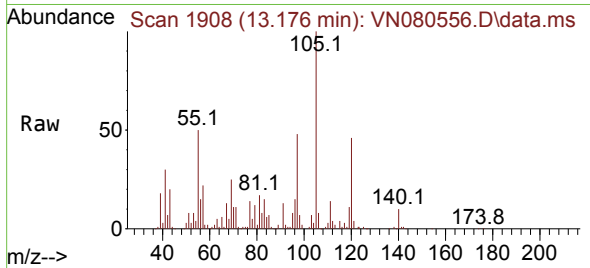




#80
1,3,5-Trimethylbenzene
Concen: 13.304 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

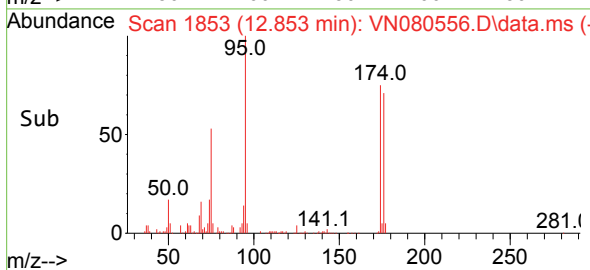
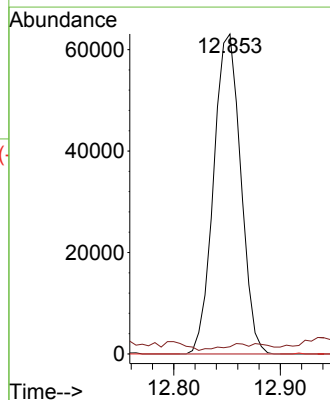
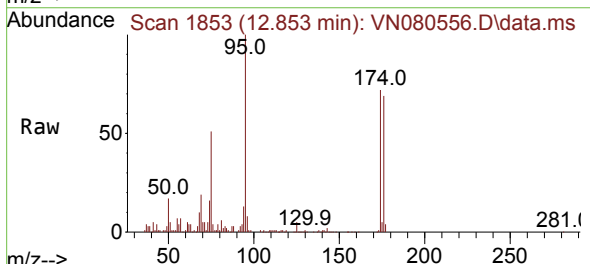
Instrument :
MSVOA_N
ClientSampleId :

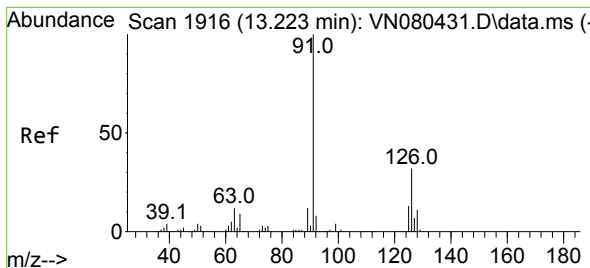
Tgt Ion:105 Resp: 181274
Ion Ratio Lower Upper
105 100
120 45.0 24.1 72.3



#81
trans-1,4-Dichloro-2-butene
Concen: 74.460 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

Tgt Ion: 75 Resp: 111419
Ion Ratio Lower Upper
75 100
53 1.9 67.4 101.2#
89 0.0 38.8 58.2#





#82

4-Chlorotoluene

Concen: 1.900 ug/l

RT: 13.176 min Scan# 1916

Delta R.T. -0.047 min

Lab File: VN080556.D

Acq: 20 Dec 2023 18:53

Instrument :

MSVOA_N

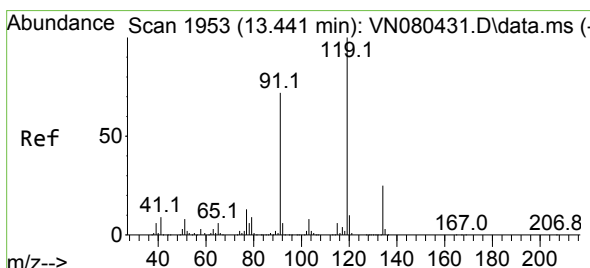
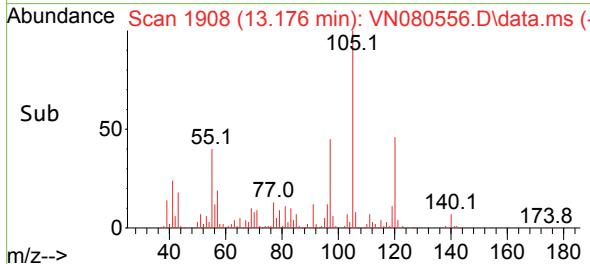
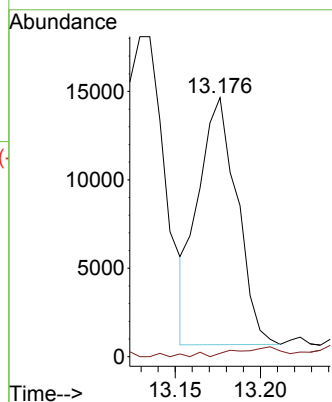
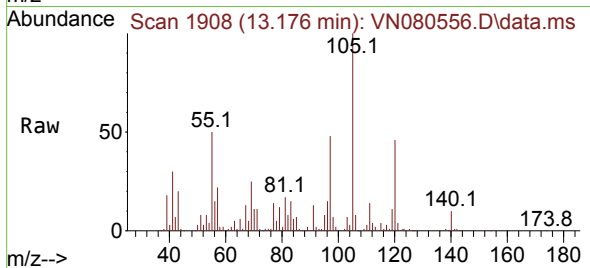
ClientSampleId :

Tgt Ion: 91 Resp: 22235

Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.0#



#83

tert-Butylbenzene

Concen: 6.495 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.041 min

Lab File: VN080556.D

Acq: 20 Dec 2023 18:53

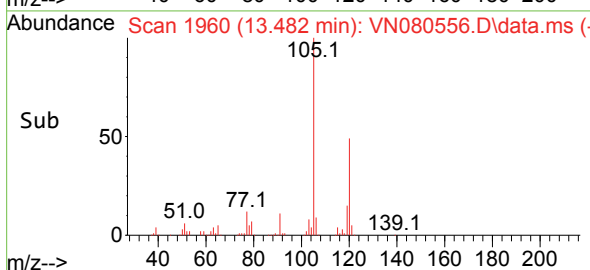
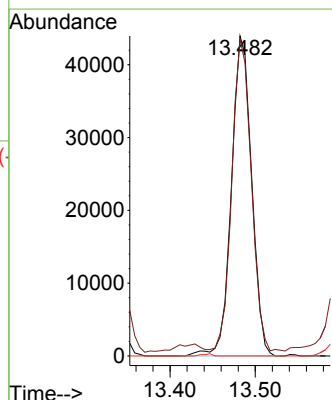
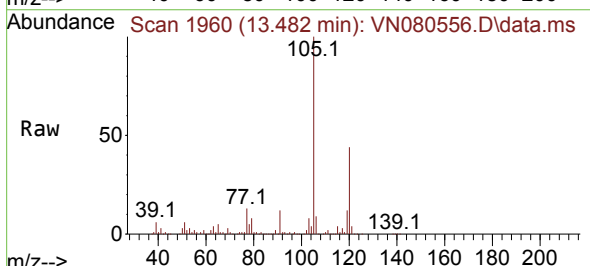
Tgt Ion: 119 Resp: 72474

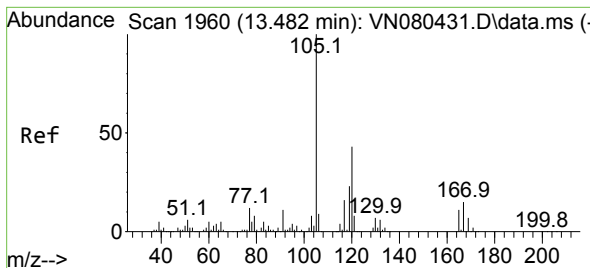
Ion Ratio Lower Upper

119 100

91 92.6 33.9 101.7

134 0.0 13.2 39.6#





#84

1,2,4-Trimethylbenzene

Concen: 44.860 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080556.D

Acq: 20 Dec 2023 18:53

Instrument :

MSVOA_N

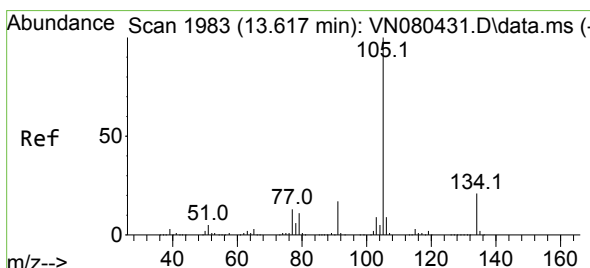
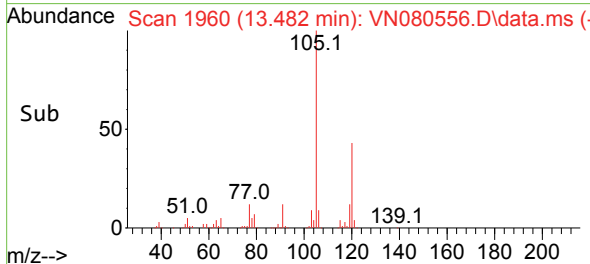
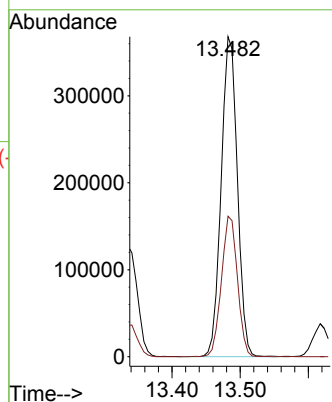
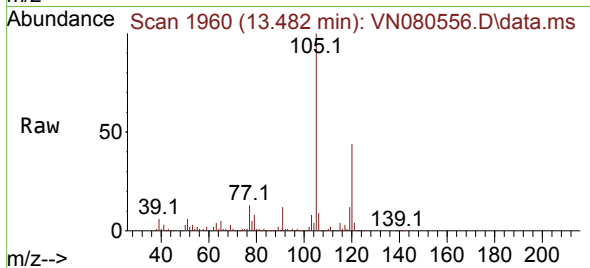
ClientSampleId :

Tgt Ion:105 Resp: 608071

Ion Ratio Lower Upper

105 100

120 43.4 22.0 66.0



#85

sec-Butylbenzene

Concen: 4.116 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080556.D

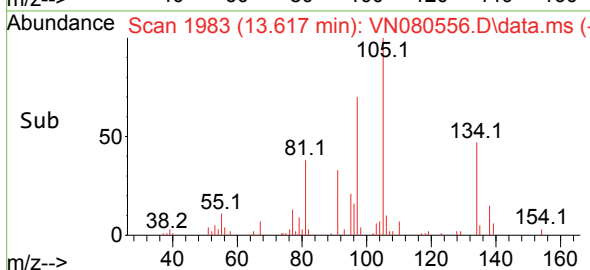
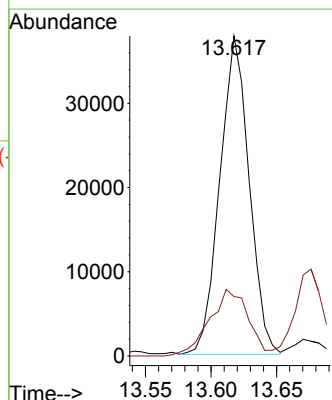
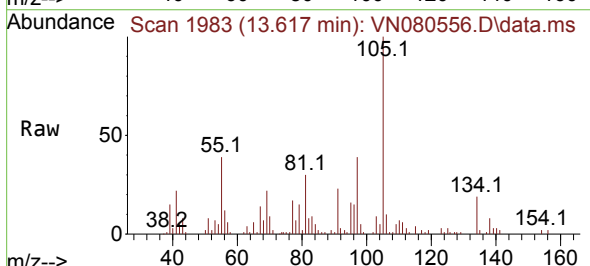
Acq: 20 Dec 2023 18:53

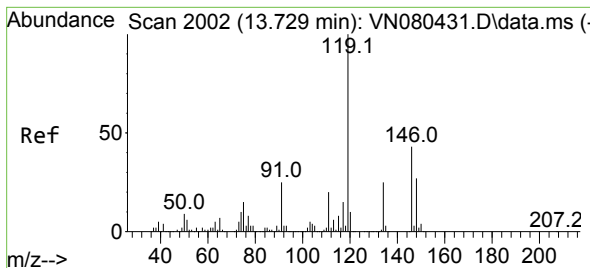
Tgt Ion:105 Resp: 58760

Ion Ratio Lower Upper

105 100

134 27.7 9.8 29.3

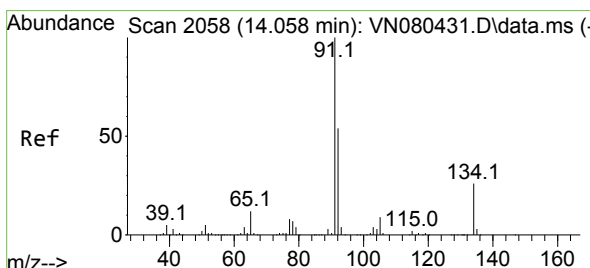
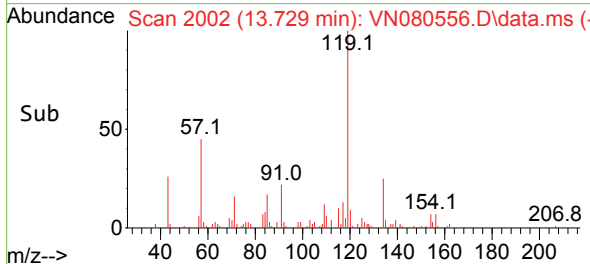
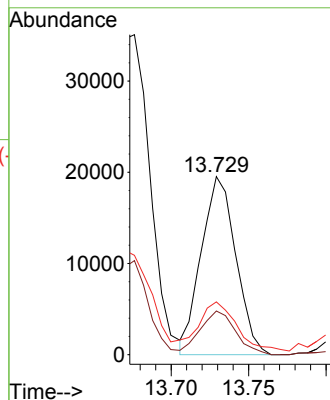
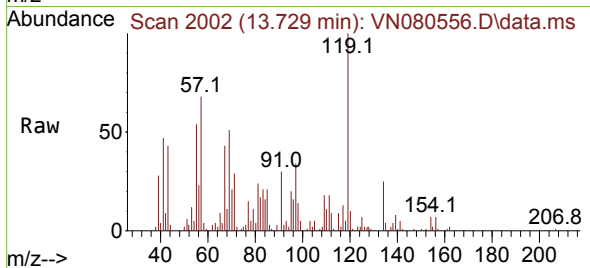




#86
p-Isopropyltoluene
Concen: 2.354 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

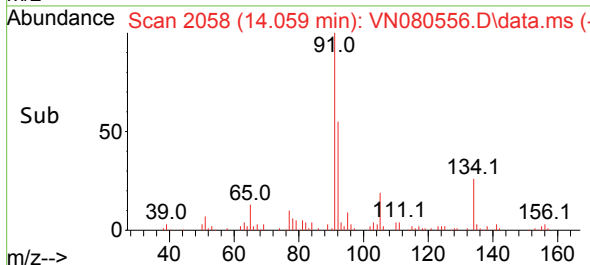
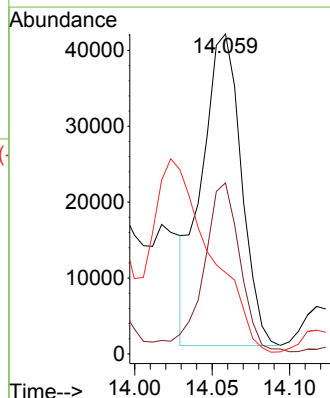
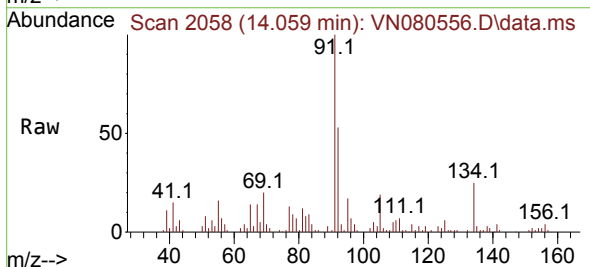
Instrument :
MSVOA_N
ClientSampleId :

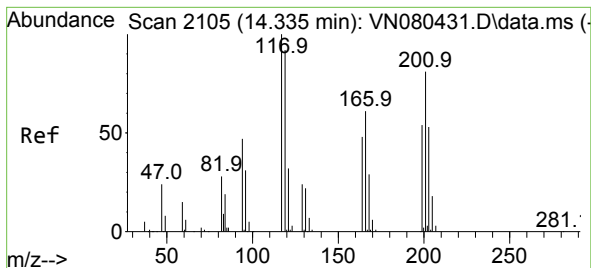
Tgt Ion:119 Resp: 30339
Ion Ratio Lower Upper
119 100
134 25.1 12.6 37.8
91 29.3 12.4 37.2



#89
n-Butylbenzene
Concen: 6.772 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080556.D
Acq: 20 Dec 2023 18:53

Tgt Ion: 91 Resp: 72886
Ion Ratio Lower Upper
91 100
92 50.4 26.4 79.0
134 0.0 12.6 37.6#





#90

Hexachloroethane

Concen: 5.063 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN080556.D

Acq: 20 Dec 2023 18:53

Instrument :

MSVOA_N

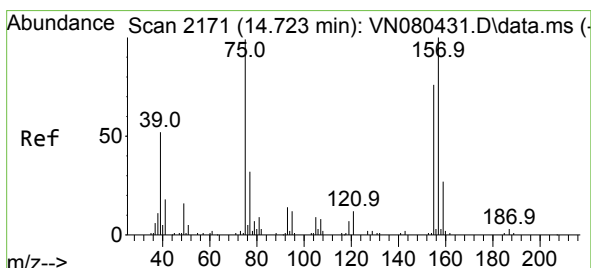
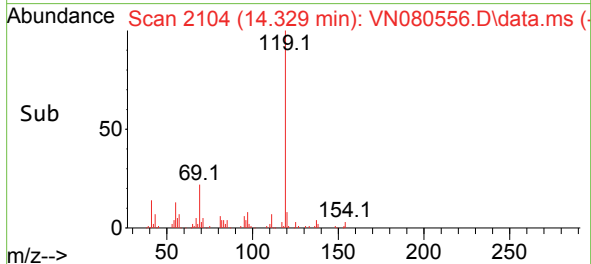
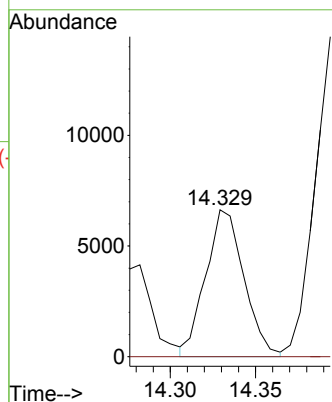
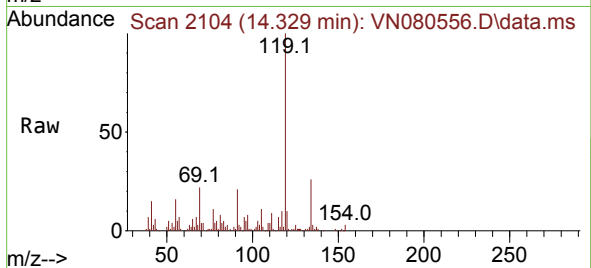
ClientSampleId :

Tgt Ion:117 Resp: 10363

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.280 ug/l

RT: 14.517 min Scan# 2136

Delta R.T. -0.206 min

Lab File: VN080556.D

Acq: 20 Dec 2023 18:53

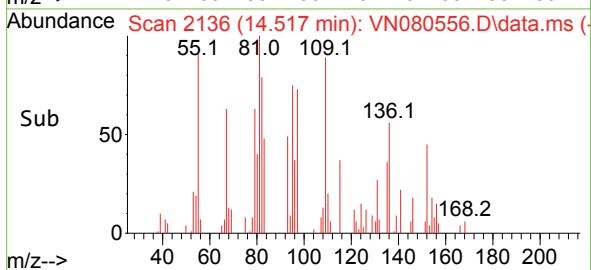
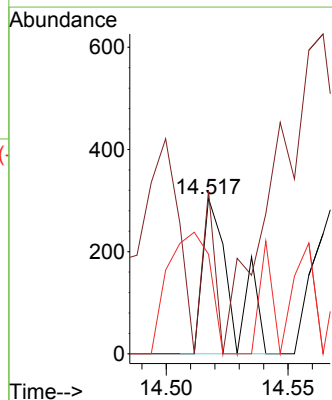
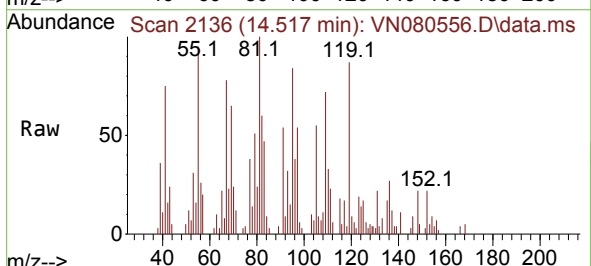
Tgt Ion: 75 Resp: 250

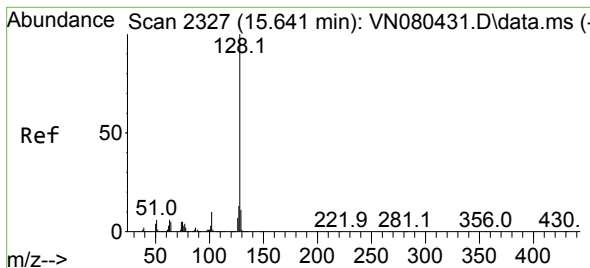
Ion Ratio Lower Upper

75 100

155 45.2 39.1 117.2

157 114.8 50.3 150.9





#95

Naphthalene

Concen: 1.892 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080556.D

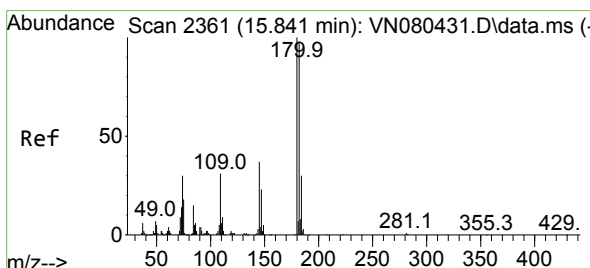
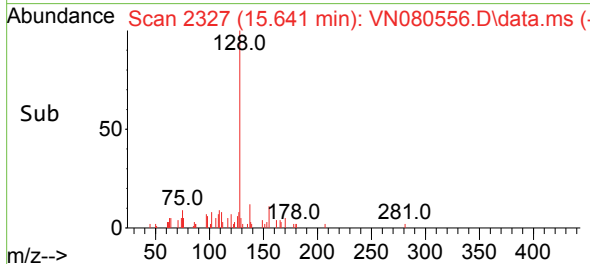
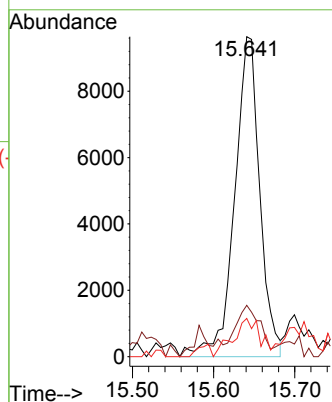
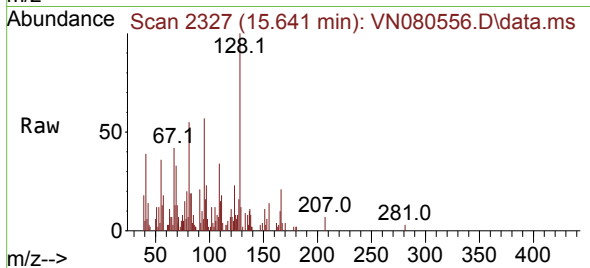
Acq: 20 Dec 2023 18:53

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	20774
Ion	Ratio	Lower Upper
128	100	
127	15.9	10.0 15.0#
129	12.7	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.465 ug/l

RT: 15.864 min Scan# 2365

Delta R.T. 0.024 min

Lab File: VN080556.D

Acq: 20 Dec 2023 18:53

Tgt Ion:180	Resp:	1622
Ion	Ratio	Lower Upper
180	100	
182	0.0	46.2 138.6#
145	0.0	17.5 52.6#

