

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080407.D
 Acq On : 08 Dec 2023 15:34
 Operator : JC\MD
 Sample : 05658-03 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 08 22:40:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	155797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	316414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	164418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	134272	52.196	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.400%
35) Dibromofluoromethane	8.171	113	107467	52.220	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.440%
50) Toluene-d8	10.571	98	376302	50.724	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.440%
62) 4-Bromofluorobenzene	12.847	95	173091	61.771	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	123.540%#
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	414	0.330	ug/l #	74
6) Chloroethane	3.130	64	314	Below Cal	#	43
10) Methyl Iodide	4.595	142	655	0.344	ug/l #	81
11) Tert butyl alcohol	5.500	59	71	0.251	ug/l #	72
15) Acrylonitrile	5.730	53	273	0.359	ug/l #	58
16) Acetone	4.424	43	170024	196.781	ug/l	98
17) Carbon Disulfide	4.718	76	1675	0.341	ug/l #	75
18) Methyl Acetate	5.024	43	9934	3.578	ug/l	93
20) Methylene Chloride	5.289	84	690	0.381	ug/l #	48
25) 2-Butanone	7.483	43	20149	19.628	ug/l #	83
29) Tetrahydrofuran	7.800	42	139	0.252	ug/l #	20
31) Cyclohexane	8.224	56	4854	1.735	ug/l #	34
36) 1,1-Dichloropropene	8.230	75	11267	3.781	ug/l #	53
37) Ethyl Acetate	7.483	43	20149	9.749	ug/l #	64
38) Carbon Tetrachloride	8.224	117	17897	4.733	ug/l #	15
39) Methylcyclohexane	9.600	83	9078	3.160	ug/l #	78
40) Benzene	8.606	78	8910	1.052	ug/l	97
41) Methacrylonitrile	7.771	41	858	0.756	ug/l #	33
47) Bromodichloromethane	9.600	83	5726	1.747	ug/l #	26
51) 4-Methyl-2-Pentanone	10.441	43	988	0.475	ug/l #	64
52) Toluene	10.630	92	57451	10.841	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	5987	2.960	ug/l #	20
59) 2-Hexanone	11.177	43	4265	2.549	ug/l #	19
60) Dibromochloromethane	11.112	129	626	0.259	ug/l #	11
64) Tetrachloroethene	11.106	164	709	0.294	ug/l #	69
67) Ethyl Benzene	11.965	91	78183	6.128	ug/l	98
68) m/p-Xylenes	12.071	106	93323	20.062	ug/l	91
69) o-Xylene	12.400	106	47667	10.873	ug/l	84
70) Styrene	12.406	104	3806	0.583	ug/l #	1
73) Isopropylbenzene	12.700	105	22814	1.786	ug/l	99
74) N-amyl acetate	12.482	43	7208	1.809	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.912	83	874	0.229	ug/l #	26
76) 1,2,3-Trichloropropane	12.847	75	96643	23.990	ug/l #	1
78) n-propylbenzene	13.035	91	64673	4.527	ug/l	99
79) 2-Chlorotoluene	13.224	91	2271	0.245	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	69927	6.287	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080407.D
 Acq On : 08 Dec 2023 15:34
 Operator : JC\MD
 Sample : 05658-03 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 08 22:40:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

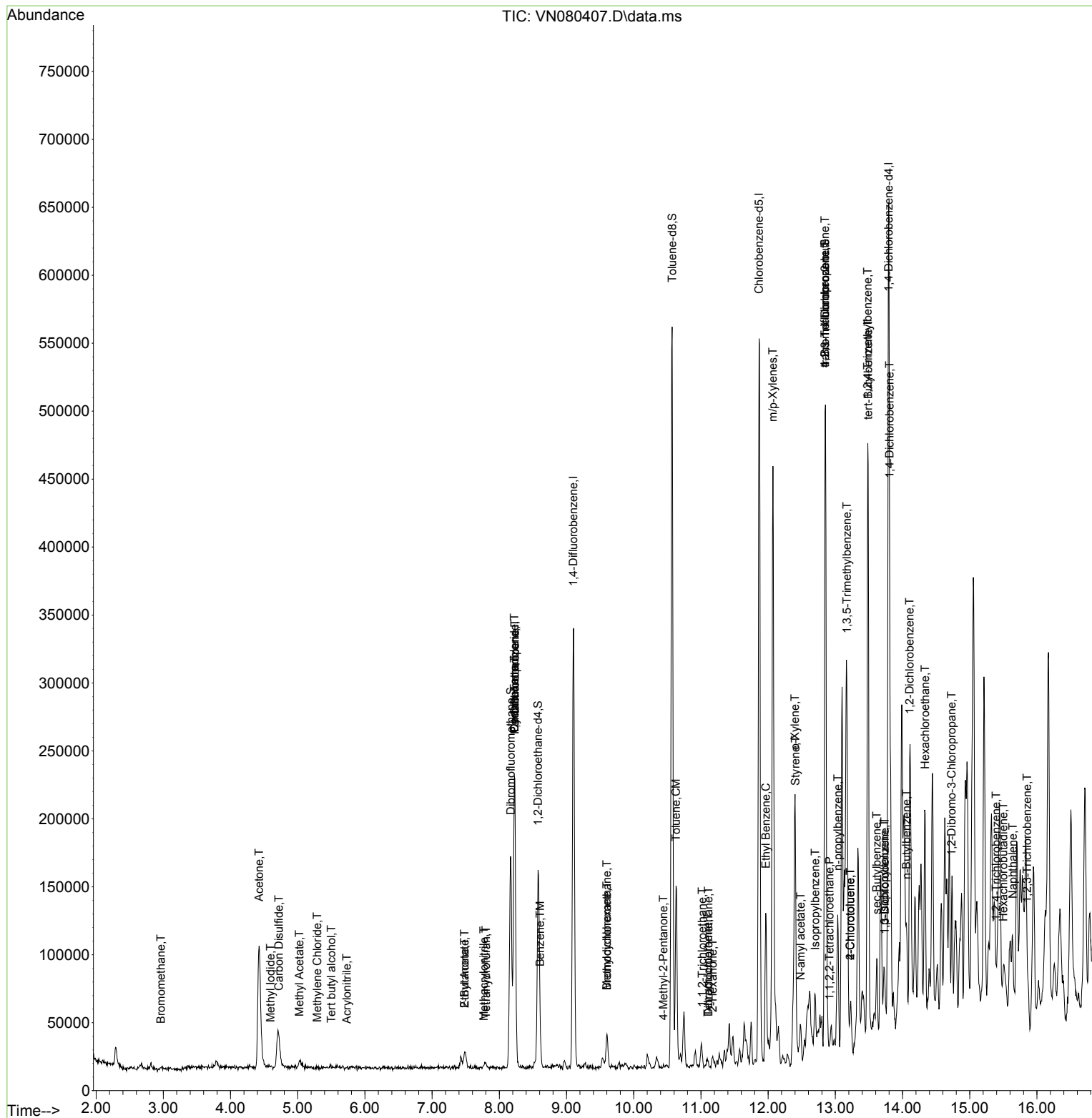
81) trans-1,4-Dichloro-2-b...	12.847	75	96643	81.051	ug/l #	15
82) 4-Chlorotoluene	13.224	91	2271	0.239	ug/l	99
83) tert-Butylbenzene	13.488	119	31912	3.578	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.482	105	258977	23.648	ug/l	99
85) sec-Butylbenzene	13.618	105	30735	2.724	ug/l	84
86) p-Isopropyltoluene	13.729	119	20485	2.032	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	1416	0.244	ug/l #	68
88) 1,4-Dichlorobenzene	13.806	146	1791	0.307	ug/l #	1
89) n-Butylbenzene	14.059	91	37874	4.490	ug/l #	78
90) Hexachloroethane	14.335	117	8659	4.407	ug/l #	21
91) 1,2-Dichlorobenzene	14.106	146	1470	0.265	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.729	75	516	0.581	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.394	180	3357	1.039	ug/l #	1
94) Hexachlorobutadiene	15.500	225	1863	1.002	ug/l	97
95) Naphthalene	15.641	128	31881	3.404	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.853	180	4755	1.571	ug/l #	1

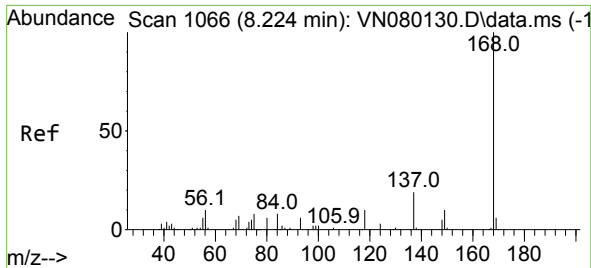
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080407.D
 Acq On : 08 Dec 2023 15:34
 Operator : JC\MD
 Sample : 05658-03 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 08 22:40:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

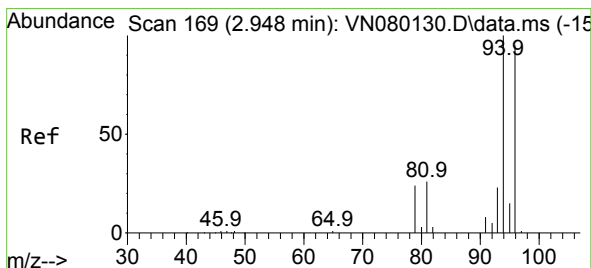
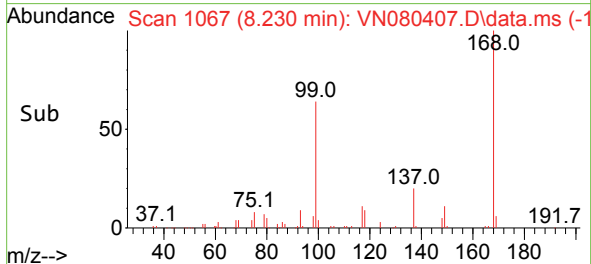
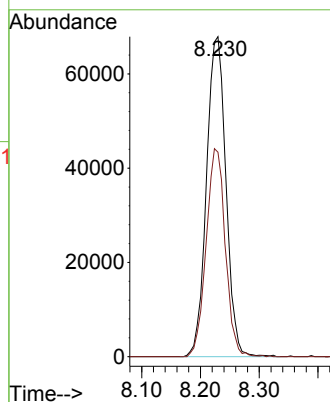
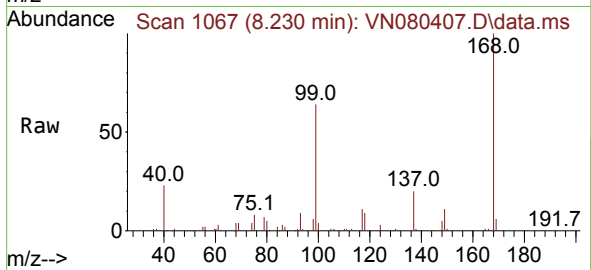




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

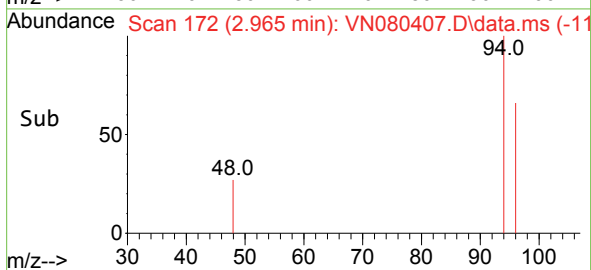
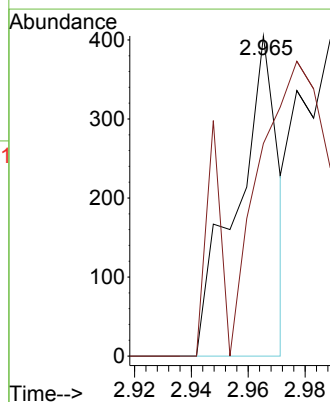
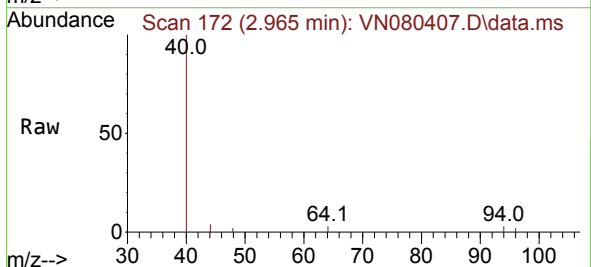
Instrument :
MSVOA_N
ClientSampleId :

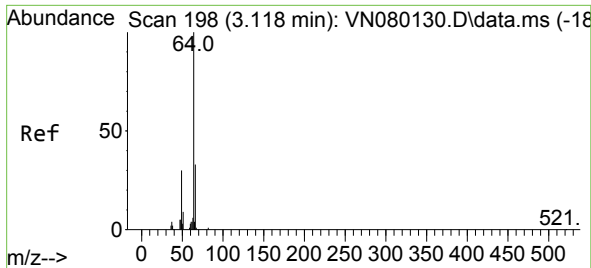
Tgt Ion:168 Resp: 155797
Ion Ratio Lower Upper
168 100
99 63.9 53.0 79.6



#5
Bromomethane
Concen: 0.330 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.018 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

Tgt Ion: 94 Resp: 414
Ion Ratio Lower Upper
94 100
96 66.4 73.1 109.7#

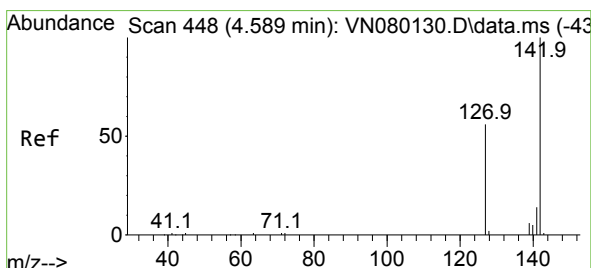
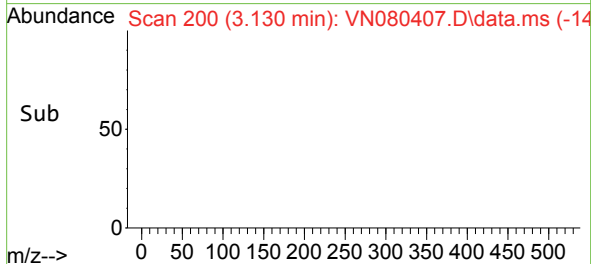
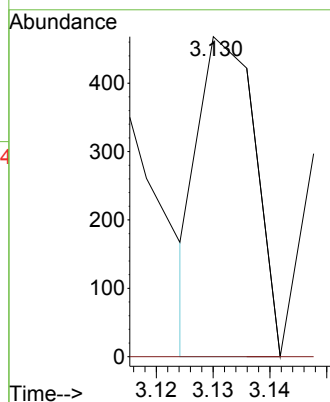
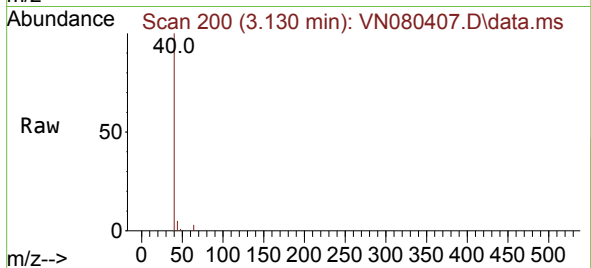




#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

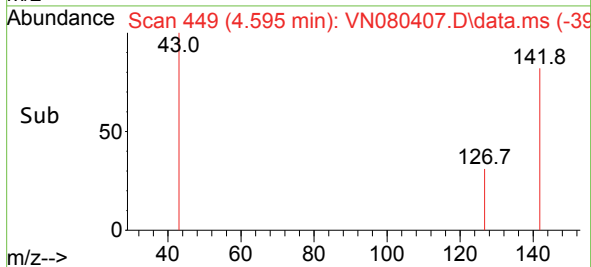
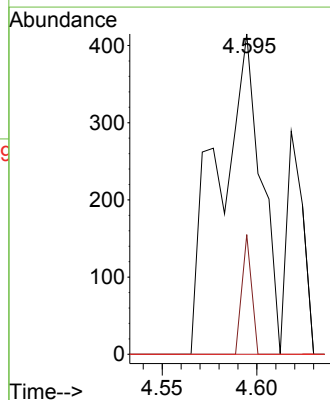
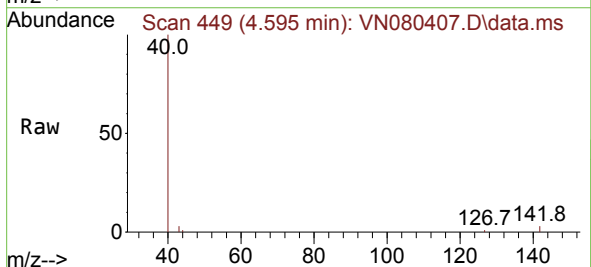
Instrument :
MSVOA_N
ClientSampleId :

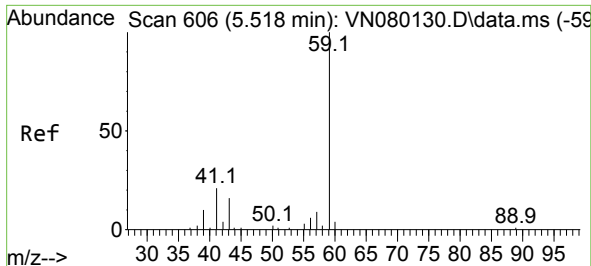
Tgt Ion: 64 Resp: 314
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#10
Methyl Iodide
Concen: 0.344 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

Tgt Ion: 142 Resp: 655
Ion Ratio Lower Upper
142 100
127 37.3 37.6 56.4#
141 0.0 11.4 17.0#

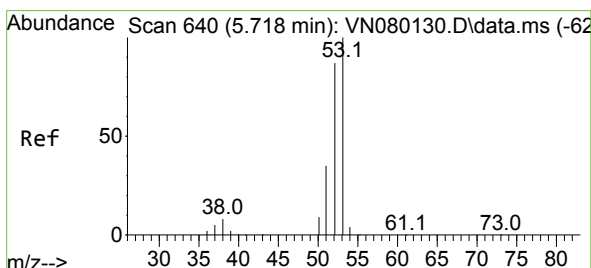
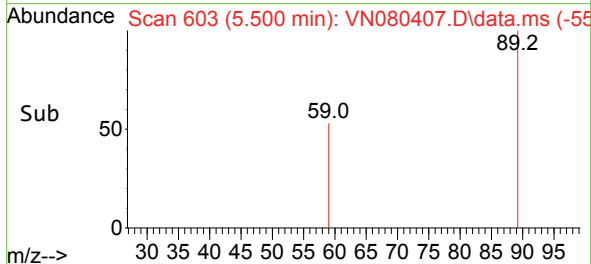
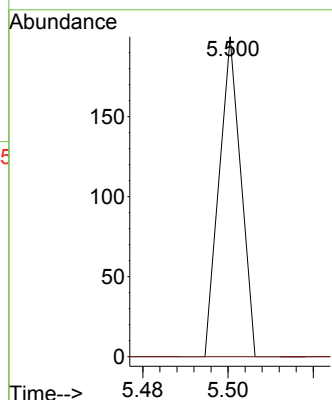
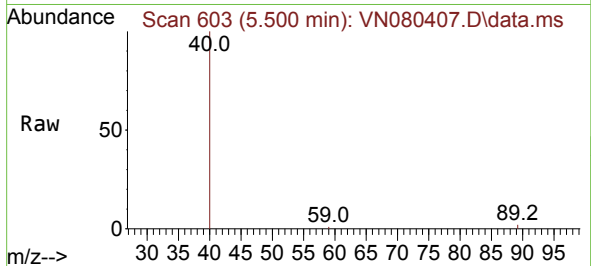




#11
Tert butyl alcohol
Concen: 0.251 ug/l
RT: 5.500 min Scan# 606
Delta R.T. -0.018 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

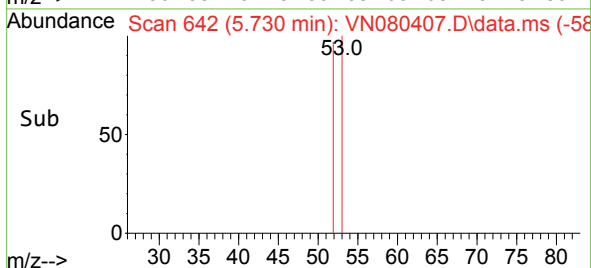
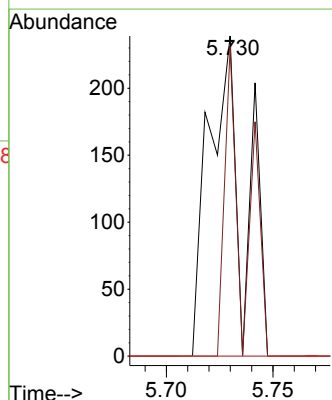
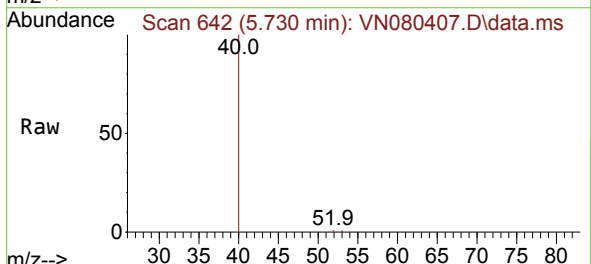
Instrument :
MSVOA_N
ClientSampleId :

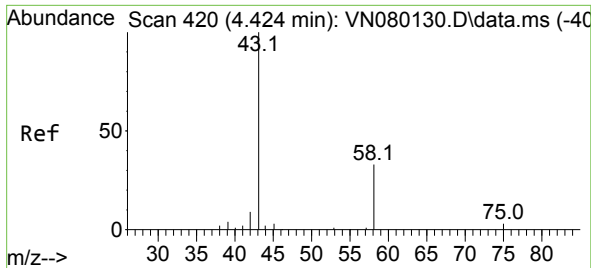
Tgt Ion: 59 Resp: 71
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#15
Acrylonitrile
Concen: 0.359 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.012 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

Tgt Ion: 53 Resp: 273
Ion Ratio Lower Upper
53 100
52 52.4 65.3 97.9#
51 0.0 28.9 43.3#

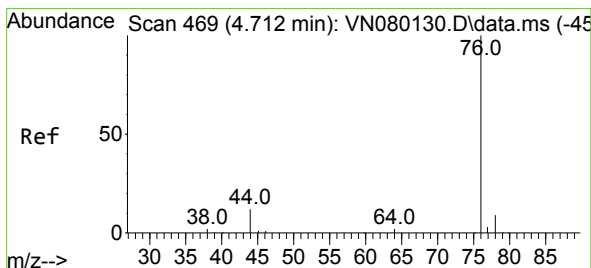
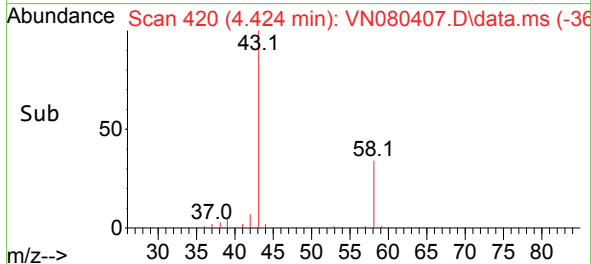
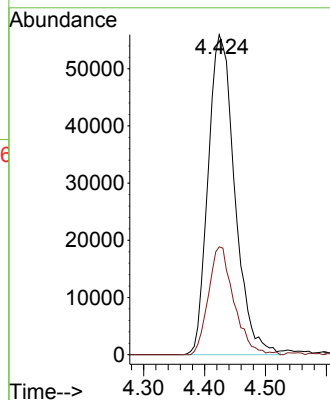
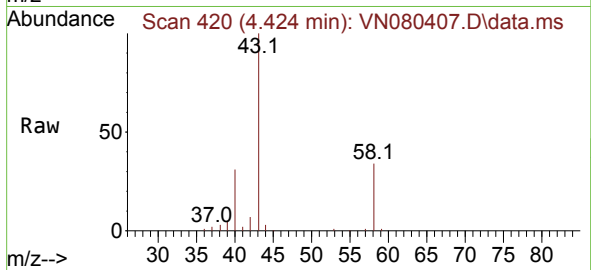




#16
Acetone
Concen: 196.781 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

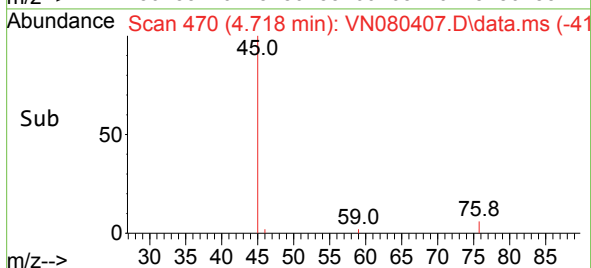
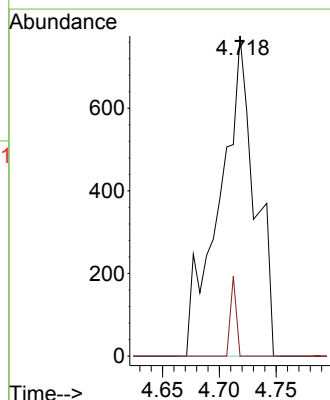
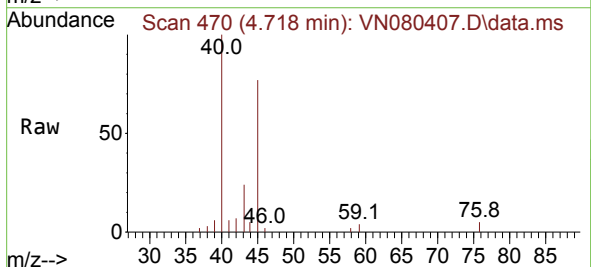
Instrument :
MSVOA_N
ClientSampleId :

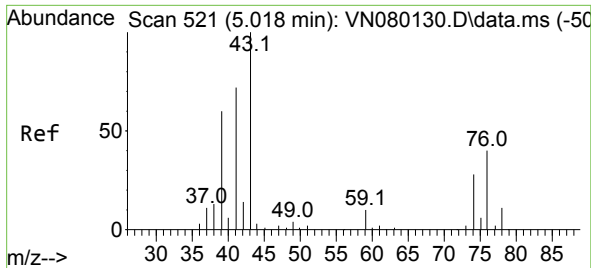
Tgt Ion: 43 Resp: 170024
Ion Ratio Lower Upper
43 100
58 33.7 28.0 42.0



#17
Carbon Disulfide
Concen: 0.341 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

Tgt Ion: 76 Resp: 1675
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

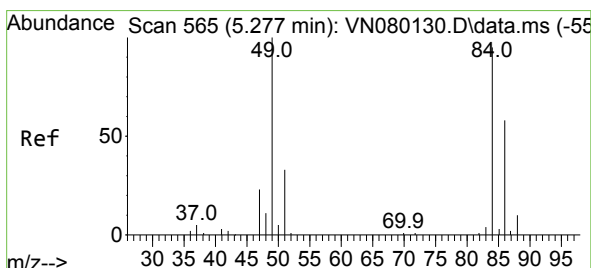
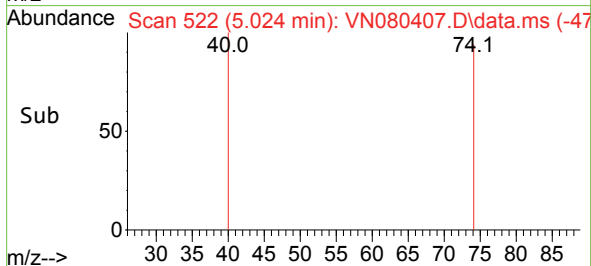
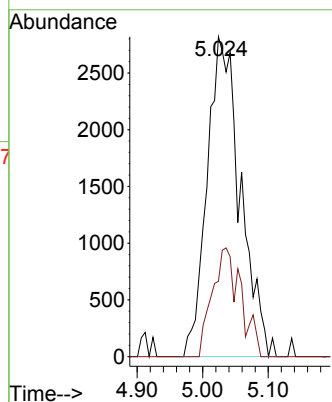
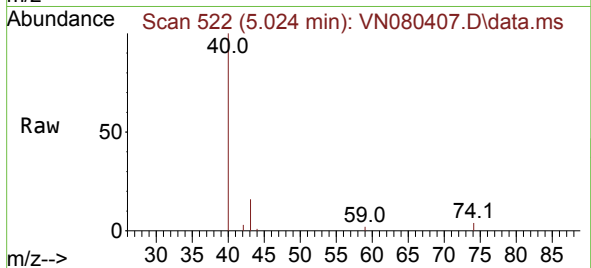




#18
Methyl Acetate
Concen: 3.578 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

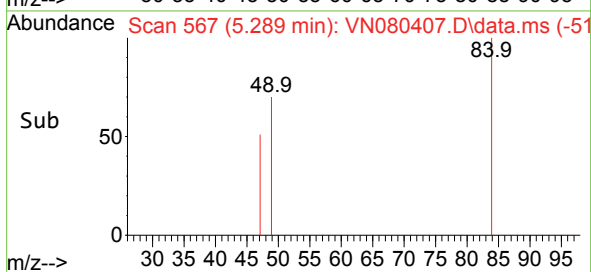
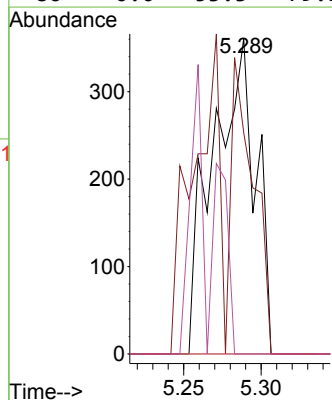
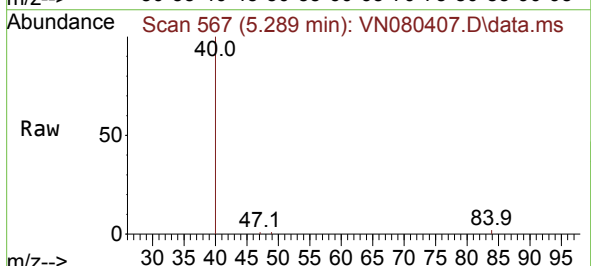
Instrument :
MSVOA_N
ClientSampleId :

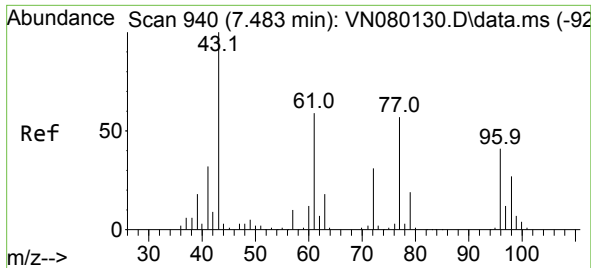
Tgt Ion: 43 Resp: 9934
Ion Ratio Lower Upper
43 100
74 29.1 26.2 39.4



#20
Methylene Chloride
Concen: 0.381 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.012 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

Tgt Ion: 84 Resp: 690
Ion Ratio Lower Upper
84 100
49 70.1 79.7 119.5#
51 0.0 25.2 37.8#
86 0.0 53.3 79.9#

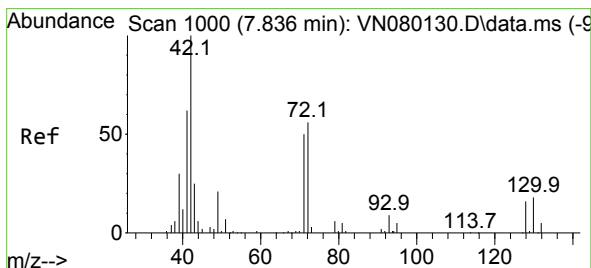
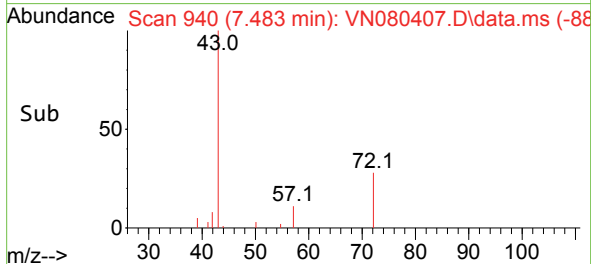
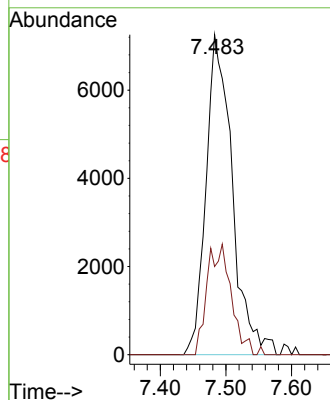
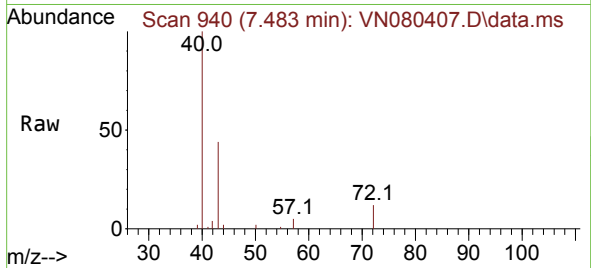




#25
2-Butanone
Concen: 19.628 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

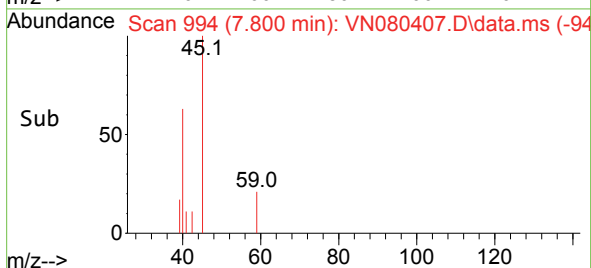
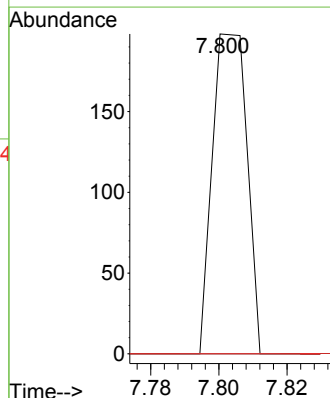
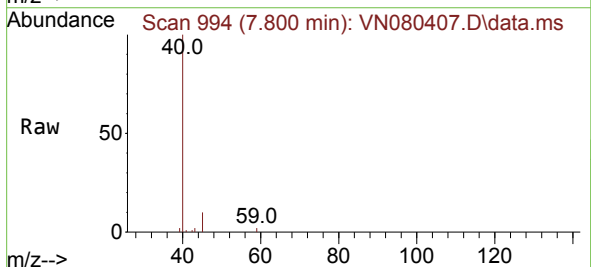
Instrument :
MSVOA_N
ClientSampleId :

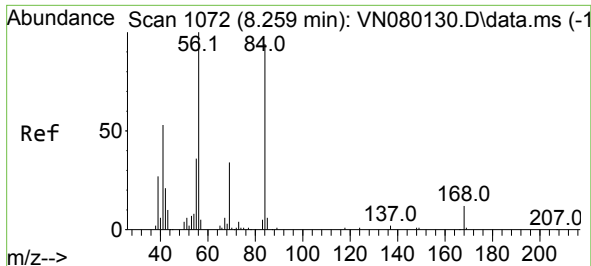
Tgt Ion: 43 Resp: 20149
Ion Ratio Lower Upper
43 100
72 27.6 30.2 45.2#



#29
Tetrahydrofuran
Concen: 0.252 ug/l
RT: 7.800 min Scan# 994
Delta R.T. -0.035 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

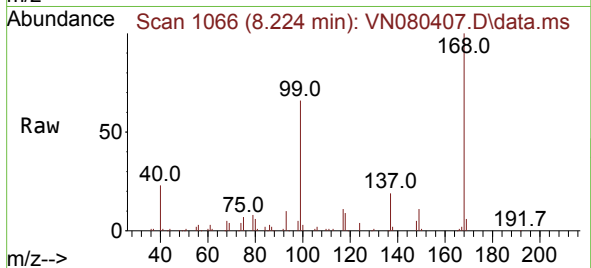
Tgt Ion: 42 Resp: 139
Ion Ratio Lower Upper
42 100
72 0.0 49.8 74.6#
71 0.0 47.4 71.2#



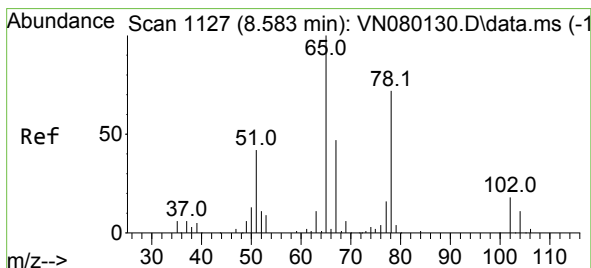
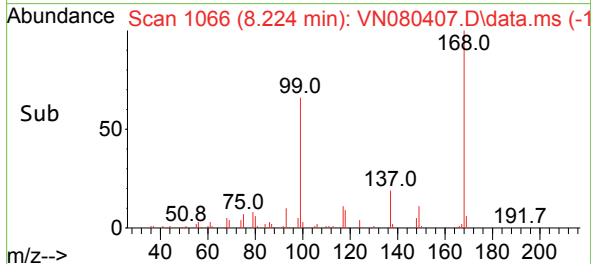
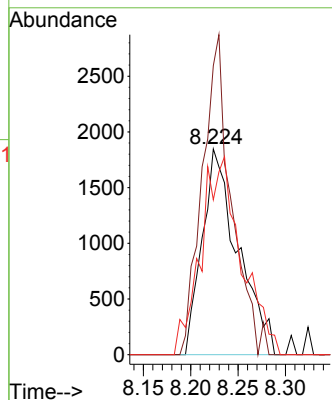


#31
Cyclohexane
Concen: 1.735 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

Instrument :
MSVOA_N
ClientSampleId :

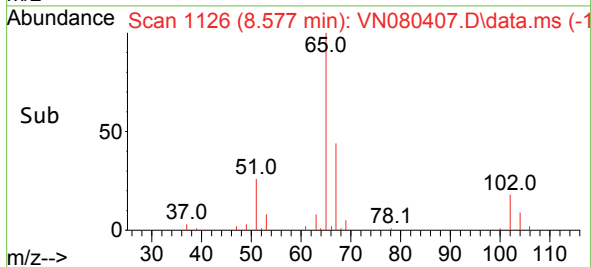
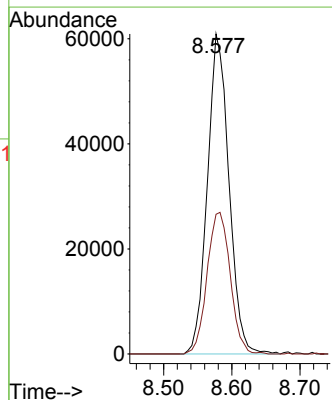
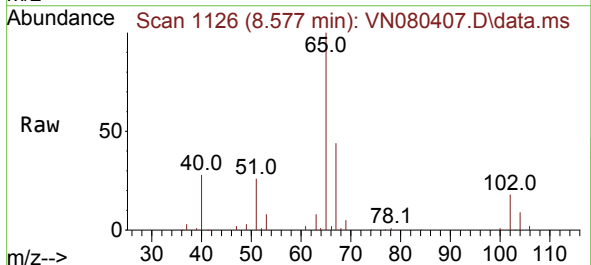


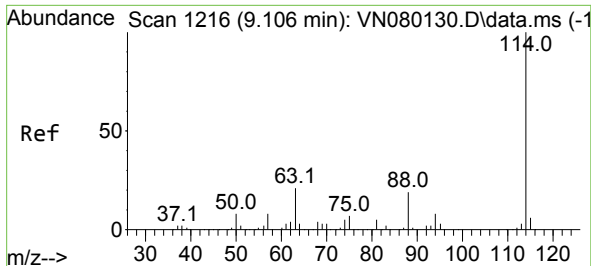
Tgt Ion: 56 Resp: 4854
Ion Ratio Lower Upper
56 100
69 140.5 26.8 40.2#
84 75.3 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 52.196 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

Tgt Ion: 65 Resp: 134272
Ion Ratio Lower Upper
65 100
67 47.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080407.D

Acq: 08 Dec 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

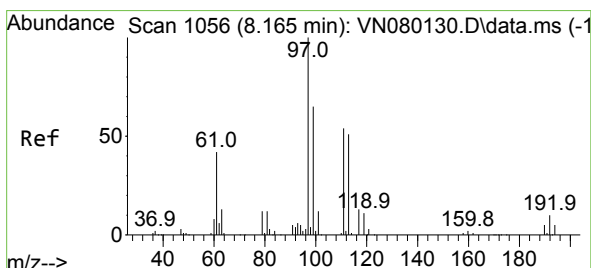
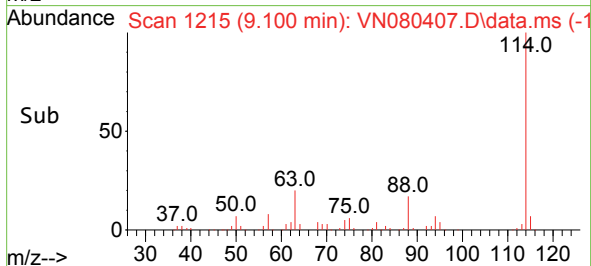
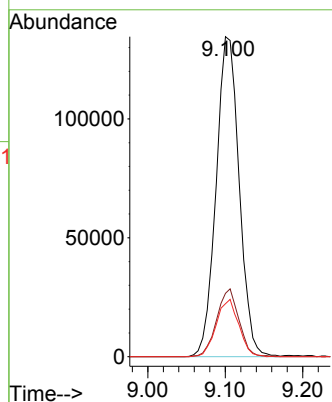
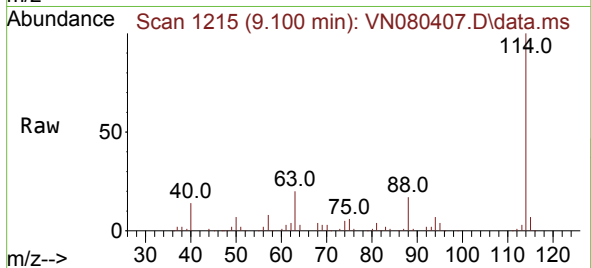
Tgt Ion:114 Resp: 278908

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 16.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.220 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080407.D

Acq: 08 Dec 2023 15:34

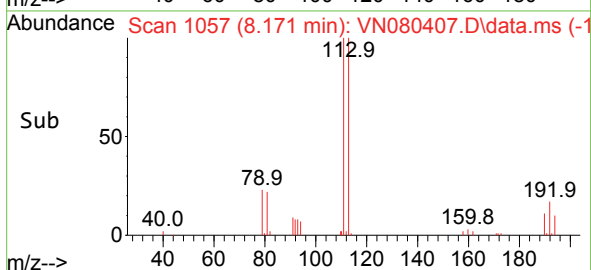
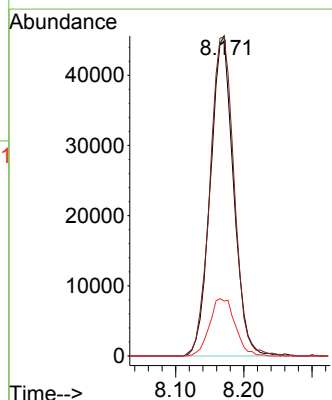
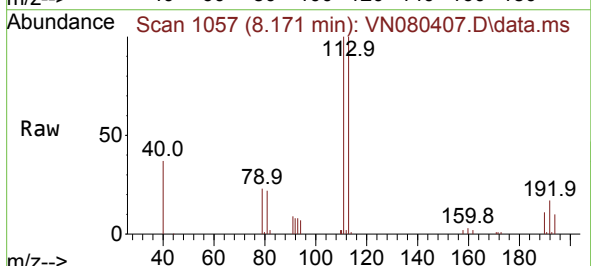
Tgt Ion:113 Resp: 107467

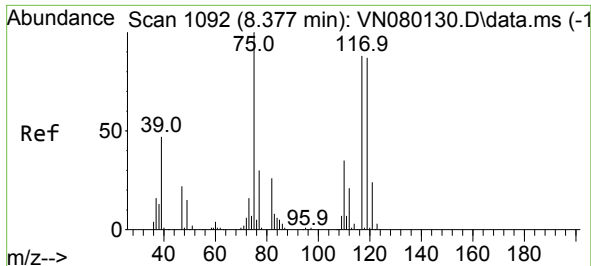
Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 19.8 12.7 19.1#





#36

1,1-Dichloropropene

Concen: 3.781 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.147 min

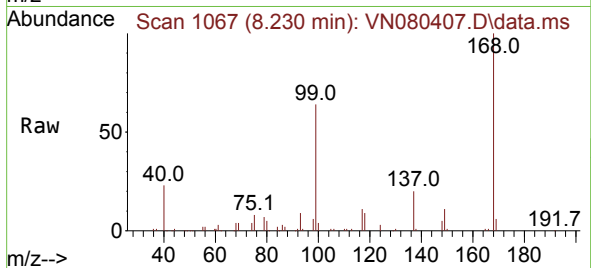
Lab File: VN080407.D

Acq: 08 Dec 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :



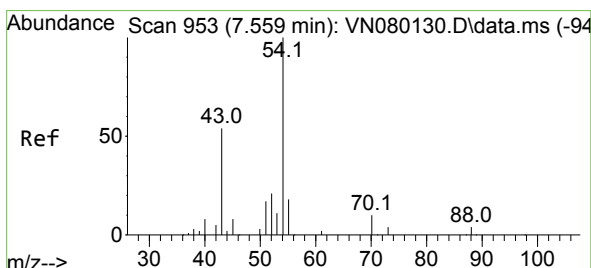
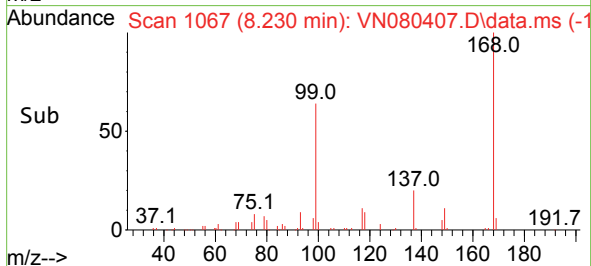
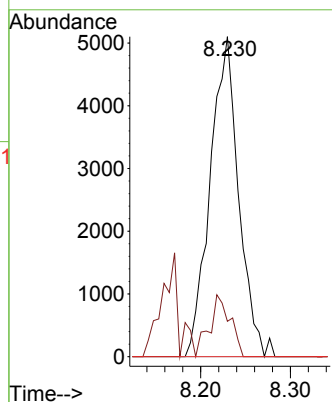
Tgt Ion: 75 Resp: 11267

Ion Ratio Lower Upper

75 100

110 14.0 19.1 57.3#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 9.749 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.076 min

Lab File: VN080407.D

Acq: 08 Dec 2023 15:34

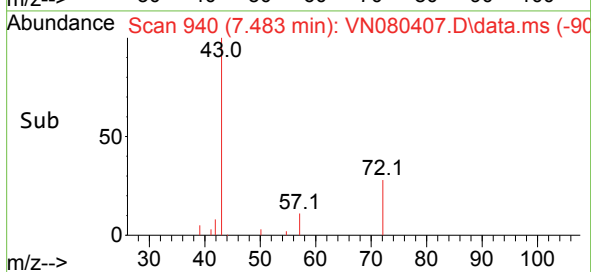
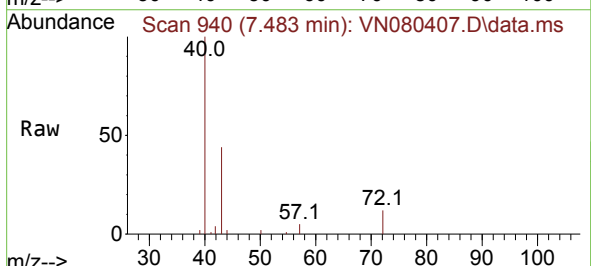
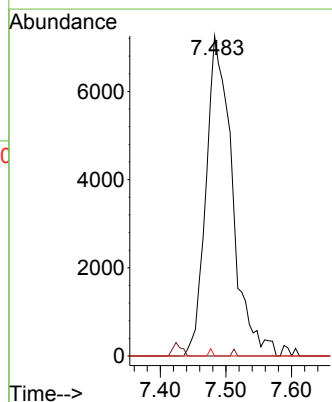
Tgt Ion: 43 Resp: 20149

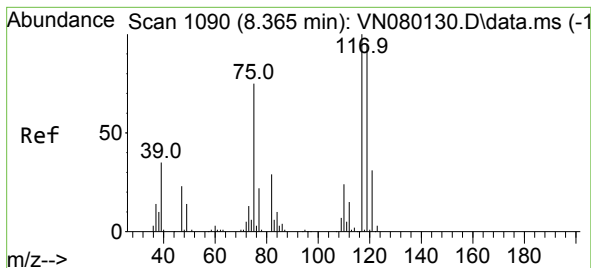
Ion Ratio Lower Upper

43 100

61 0.0 13.2 19.8#

70 0.3 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 4.733 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

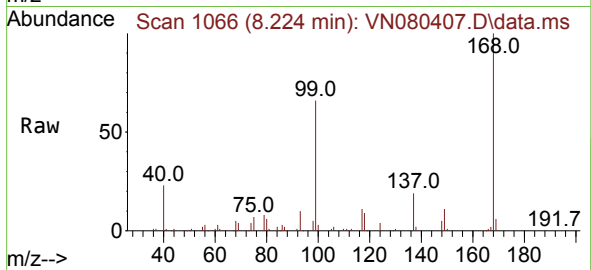
Lab File: VN080407.D

Acq: 08 Dec 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :



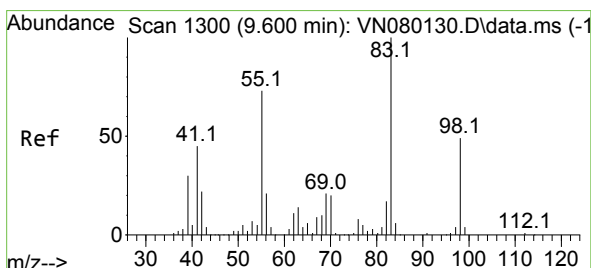
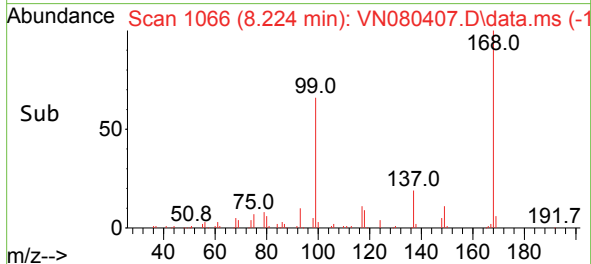
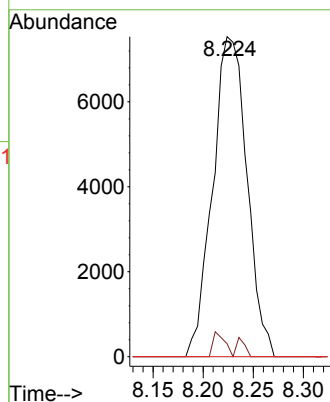
Tgt Ion:117 Resp: 17897

Ion Ratio Lower Upper

117 100

119 4.0 77.3 115.9#

121 0.0 23.3 34.9#



#39

Methylcyclohexane

Concen: 3.160 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN080407.D

Acq: 08 Dec 2023 15:34

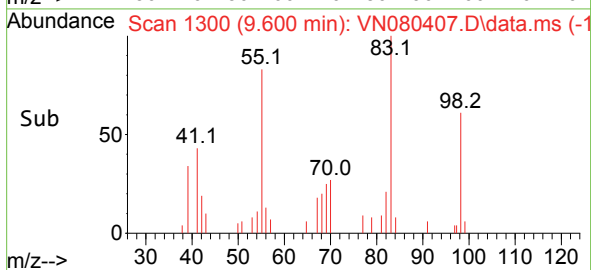
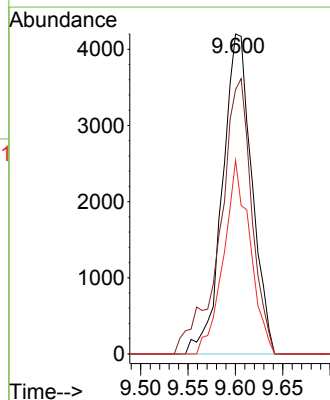
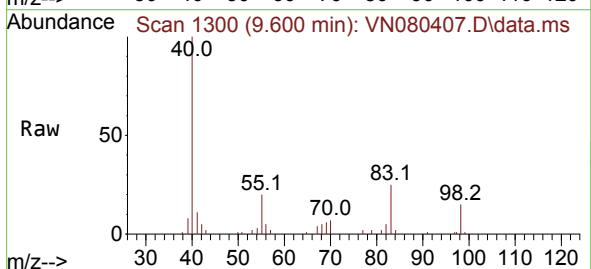
Tgt Ion: 83 Resp: 9078

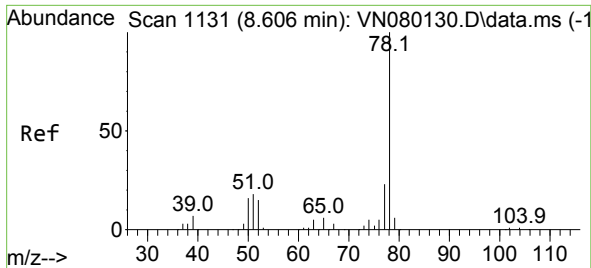
Ion Ratio Lower Upper

83 100

55 82.6 49.1 73.7#

98 60.5 40.6 61.0

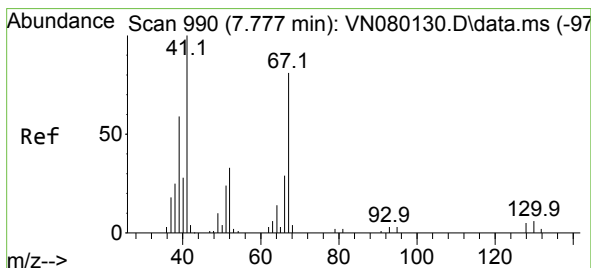
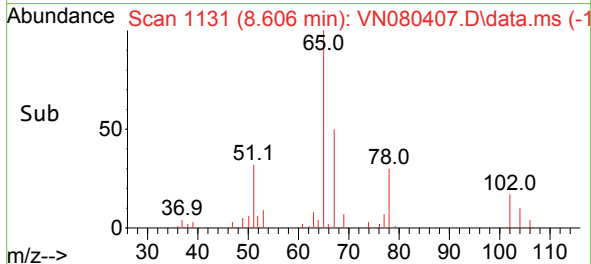
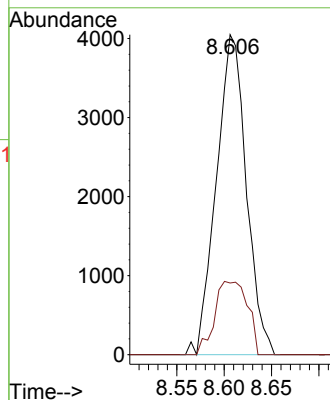
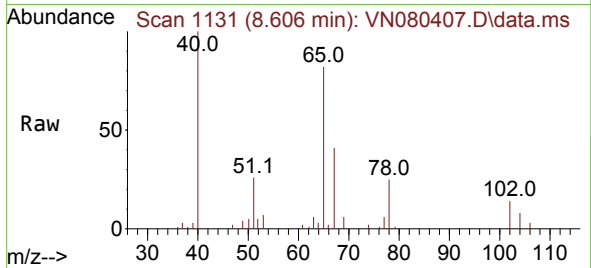




#40
Benzene
Concen: 1.052 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

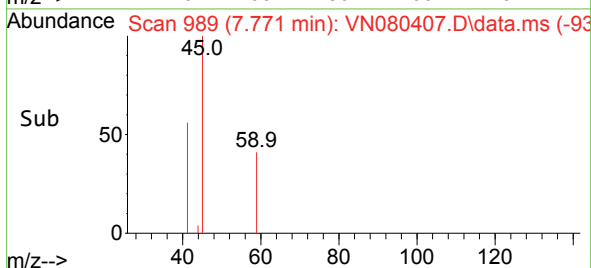
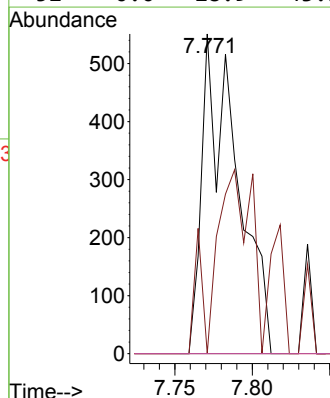
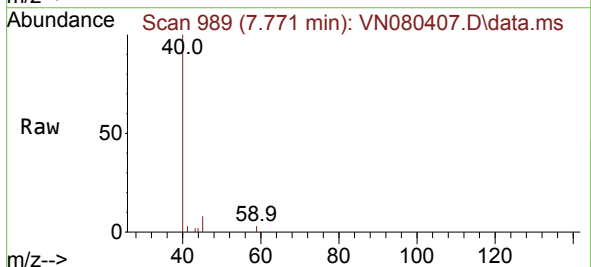
Instrument :
MSVOA_N
ClientSampleId :

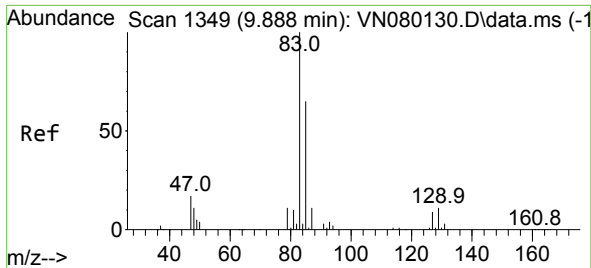
Tgt Ion: 78 Resp: 8910
Ion Ratio Lower Upper
78 100
77 22.4 19.0 28.6



#41
Methacrylonitrile
Concen: 0.756 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.006 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

Tgt Ion: 41 Resp: 858
Ion Ratio Lower Upper
41 100
39 62.1 42.6 64.0
67 0.0 77.5 116.3#
52 0.0 28.9 43.3#

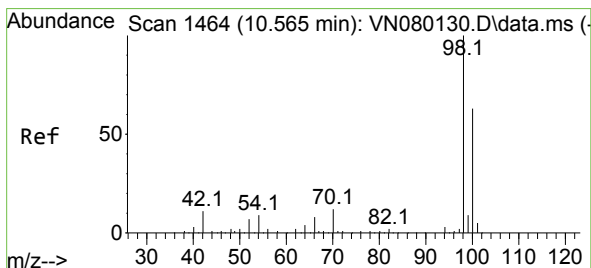
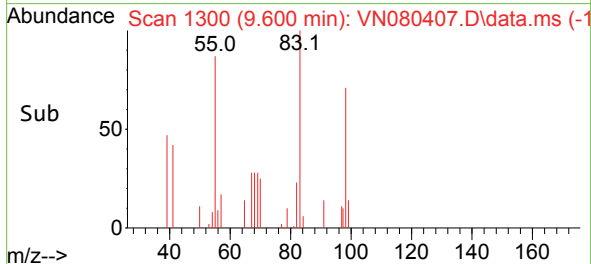
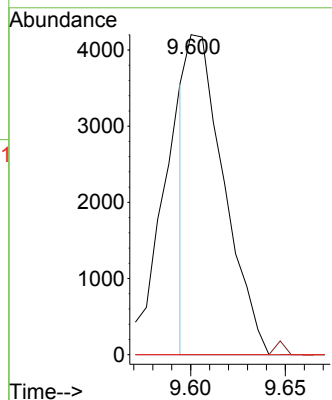
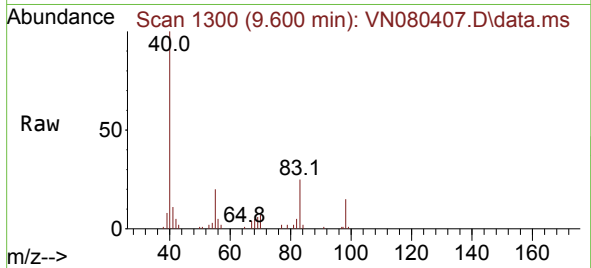




#47
Bromodichloromethane
Concen: 1.747 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.288 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

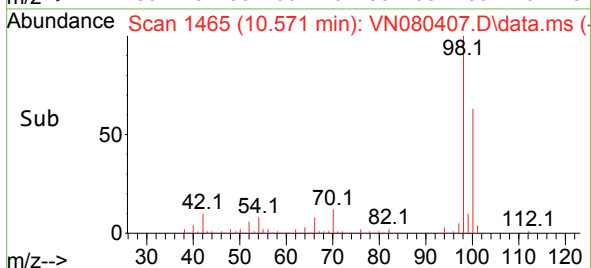
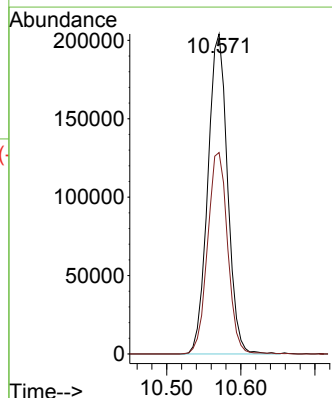
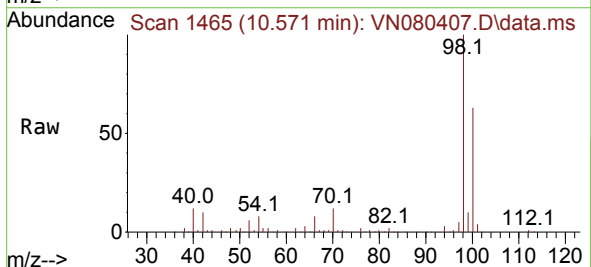
Instrument :
MSVOA_N
ClientSampleId :

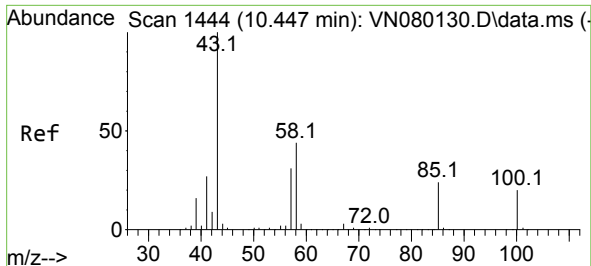
Tgt Ion: 83 Resp: 5726
Ion Ratio Lower Upper
83 100
85 0.0 49.6 74.4#
127 0.0 7.0 10.6#



#50
Toluene-d8
Concen: 50.724 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

Tgt Ion: 98 Resp: 376302
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.475 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.006 min

Lab File: VN080407.D

Acq: 08 Dec 2023 15:34

Instrument :

MSVOA_N

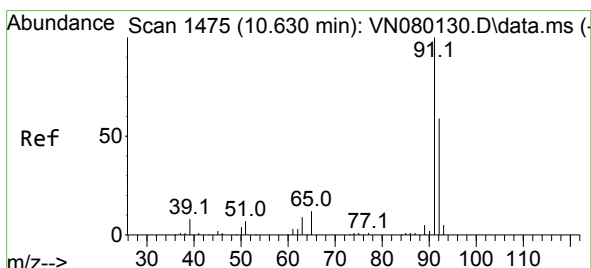
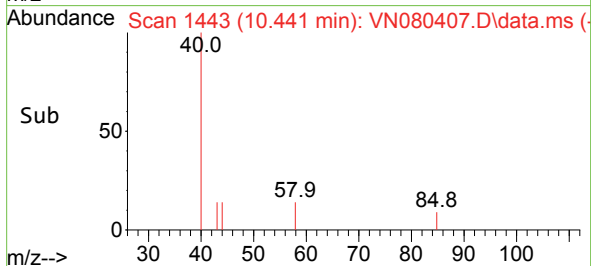
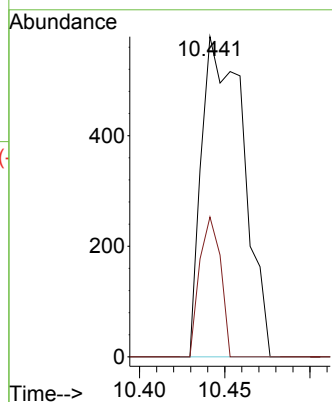
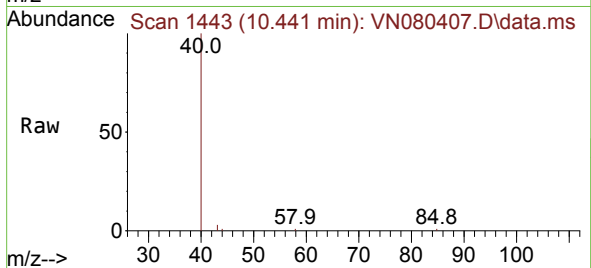
ClientSampleId :

Tgt Ion: 43 Resp: 988

Ion Ratio Lower Upper

43 100

58 22.0 36.6 54.8#



#52

Toluene

Concen: 10.841 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN080407.D

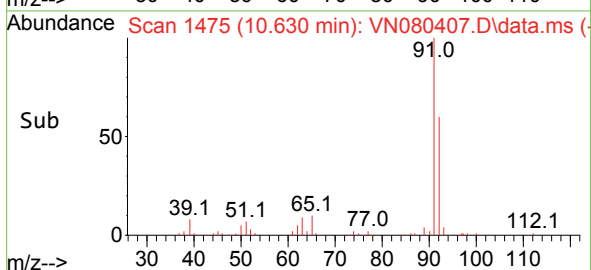
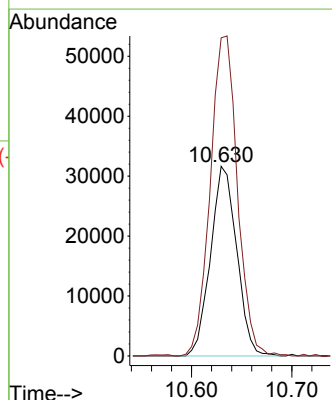
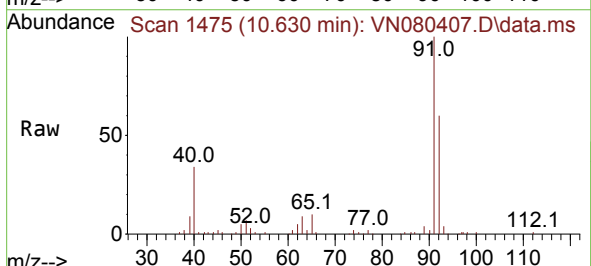
Acq: 08 Dec 2023 15:34

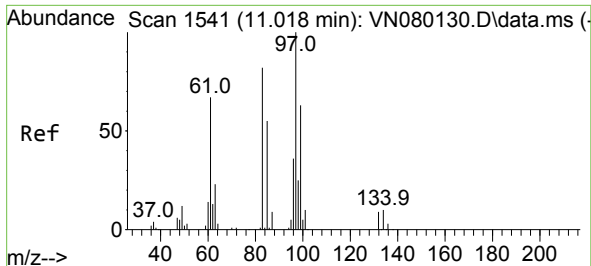
Tgt Ion: 92 Resp: 57451

Ion Ratio Lower Upper

92 100

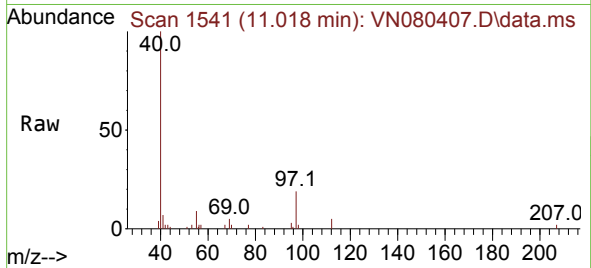
91 175.1 137.4 206.0



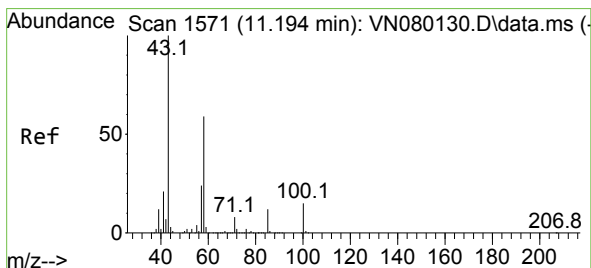
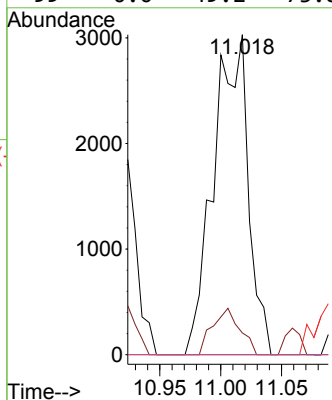
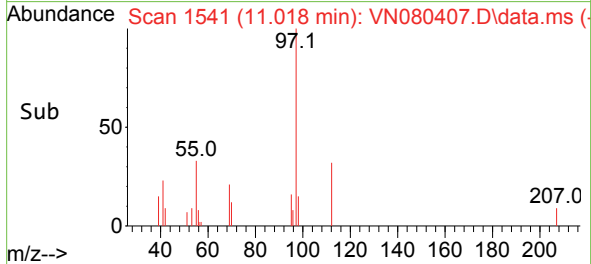


#55
1,1,2-Trichloroethane
Concen: 2.960 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

Instrument :
MSVOA_N
ClientSampleId :

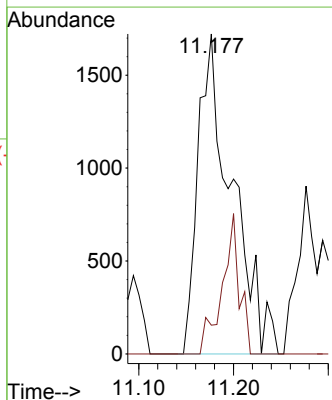
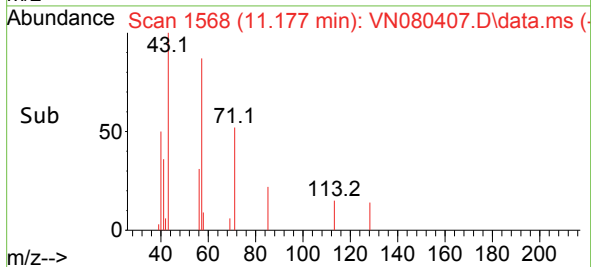
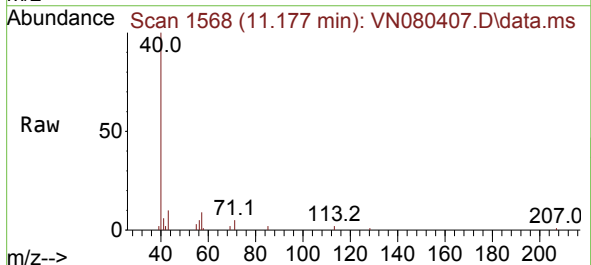


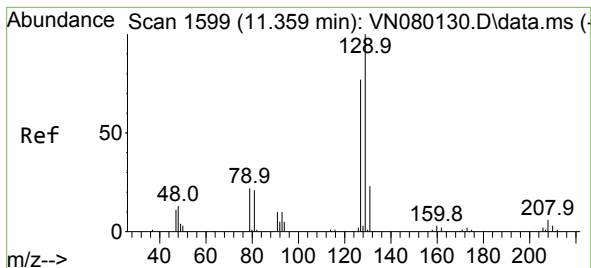
Tgt Ion: 97	Resp: 5987
Ion Ratio	Lower Upper
97 100	
83 6.8	65.1 97.7#
85 0.0	43.4 65.2#
99 0.0	49.2 73.8#



#59
2-Hexanone
Concen: 2.549 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.018 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

Tgt Ion: 43	Resp: 4265
Ion Ratio	Lower Upper
43 100	
58 0.0	31.7 95.1#





#60

Dibromochloromethane

Concen: 0.259 ug/l

RT: 11.112 min Scan# 11

Delta R.T. -0.247 min

Lab File: VN080407.D

Acq: 08 Dec 2023 15:34

Instrument :

MSVOA_N

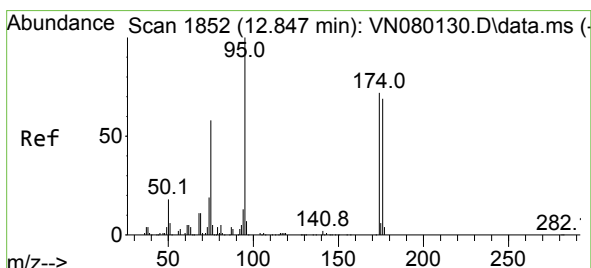
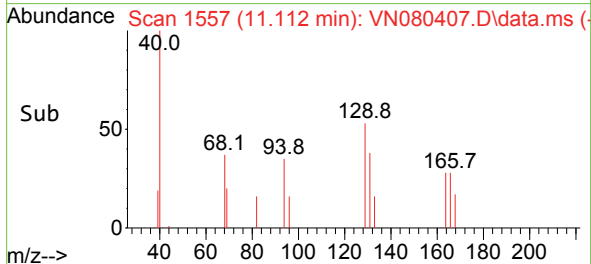
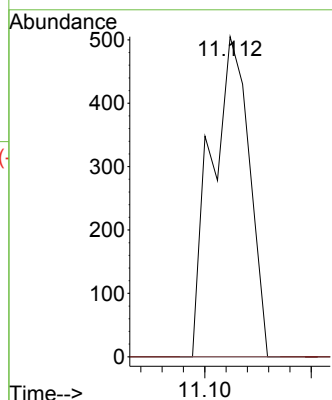
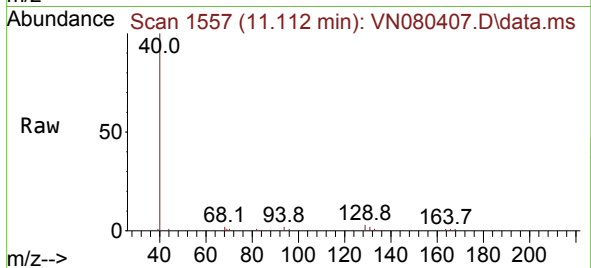
ClientSampleId :

Tgt Ion:129 Resp: 626

Ion Ratio Lower Upper

129 100

127 0.0 38.6 116.0#



#62

4-Bromofluorobenzene

Concen: 61.771 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN080407.D

Acq: 08 Dec 2023 15:34

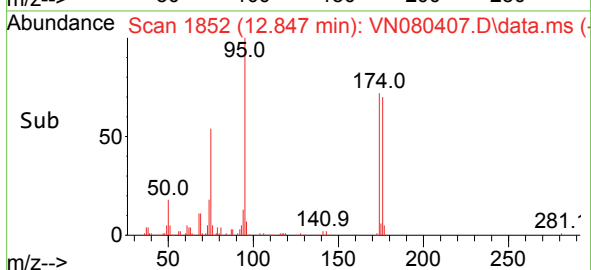
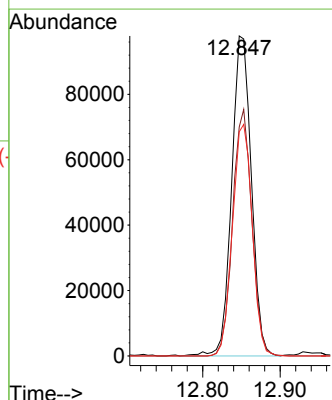
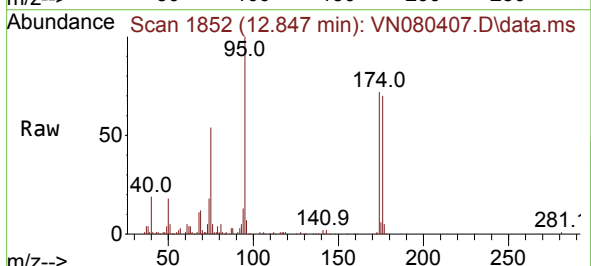
Tgt Ion: 95 Resp: 173091

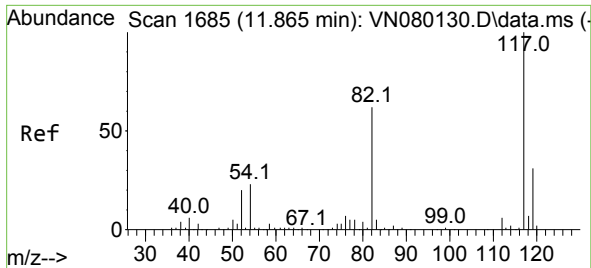
Ion Ratio Lower Upper

95 100

174 75.2 0.0 143.8

176 72.9 0.0 135.8

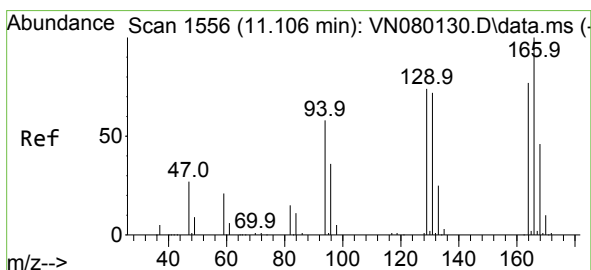
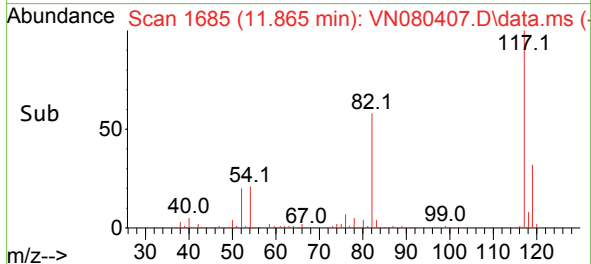
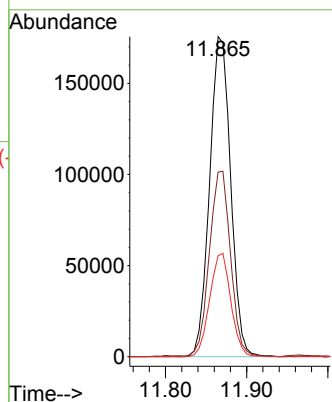
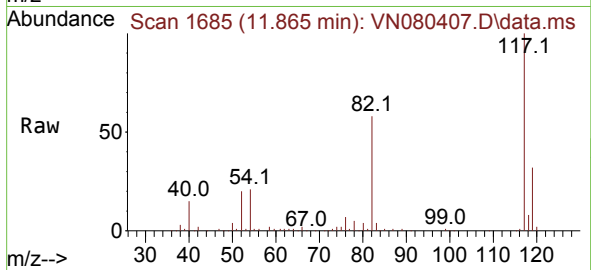




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

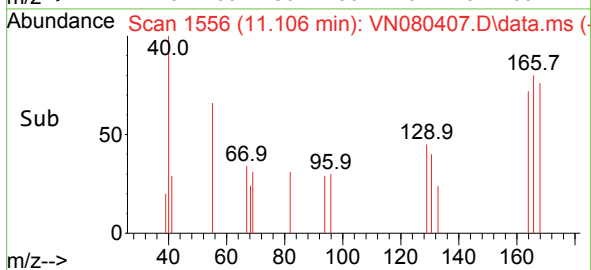
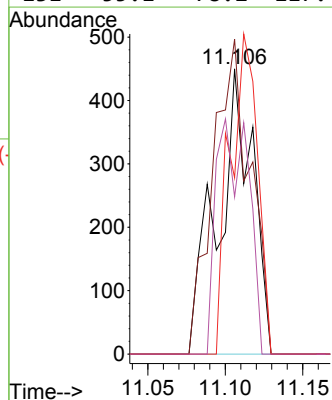
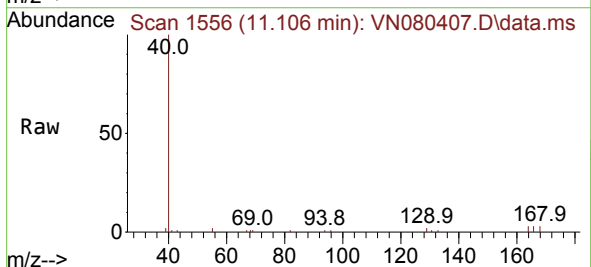
Instrument :
MSVOA_N
ClientSampleId :

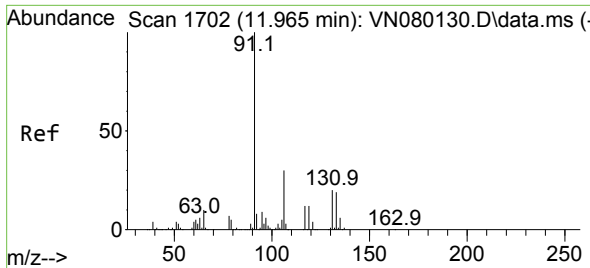
Tgt Ion:117 Resp: 316414
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 31.5 25.6 38.4



#64
Tetrachloroethene
Concen: 0.294 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

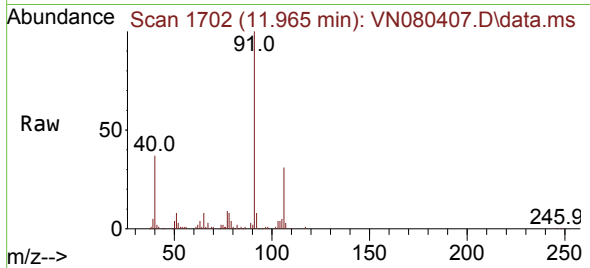
Tgt Ion:164 Resp: 709
Ion Ratio Lower Upper
164 100
166 110.4 101.4 152.0
129 61.8 82.4 123.6#
131 55.1 78.2 117.4#



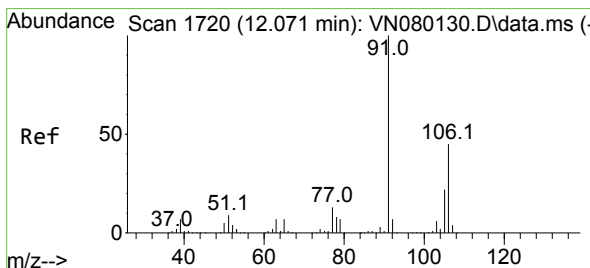
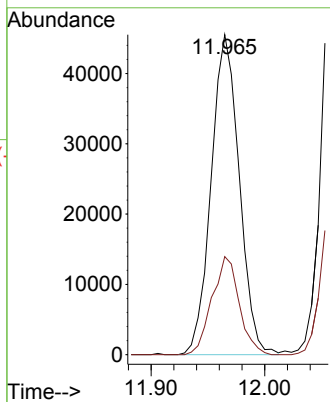
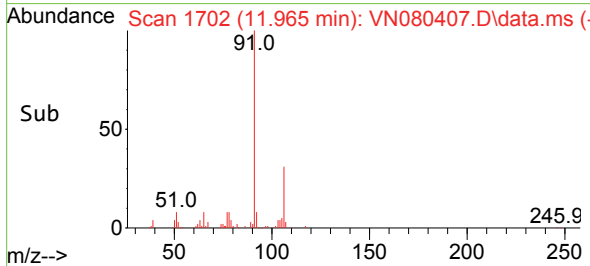


#67
Ethyl Benzene
Concen: 6.128 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

Instrument :
MSVOA_N
ClientSampleId :

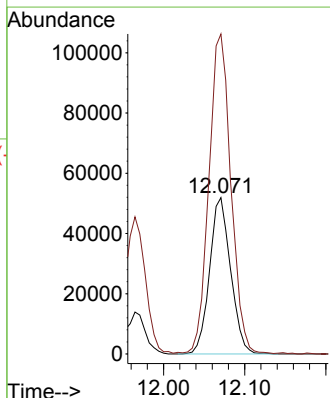
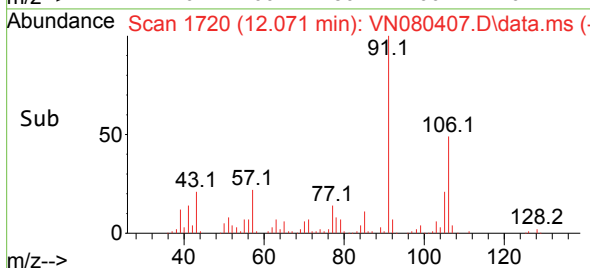
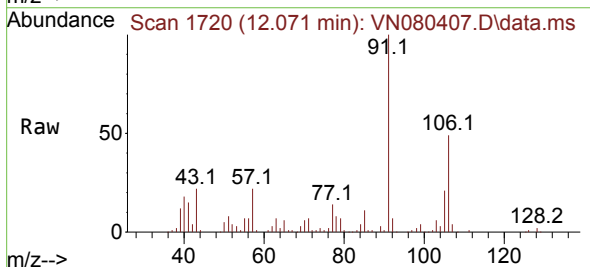


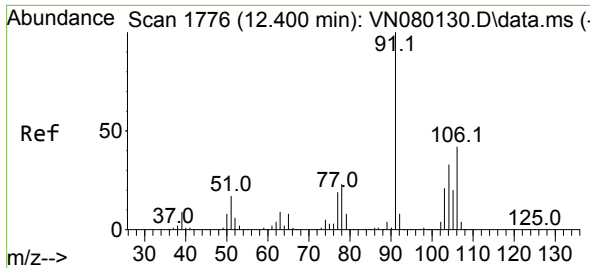
Tgt Ion: 91 Resp: 78183
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4



#68
m/p-Xylenes
Concen: 20.062 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

Tgt Ion:106 Resp: 93323
Ion Ratio Lower Upper
106 100
91 213.8 159.6 239.4

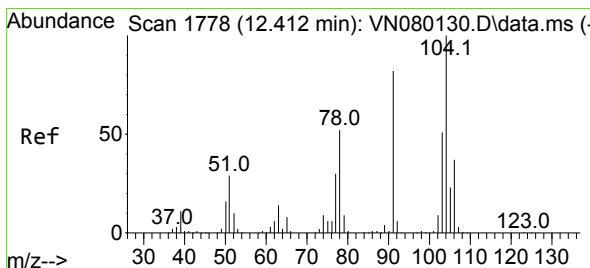
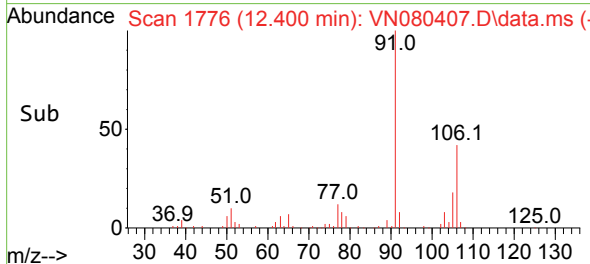
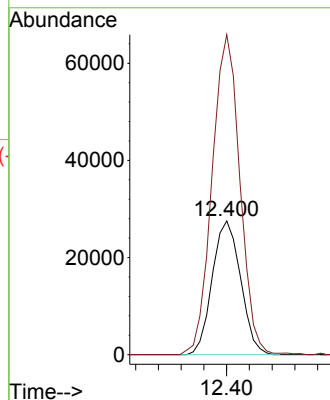
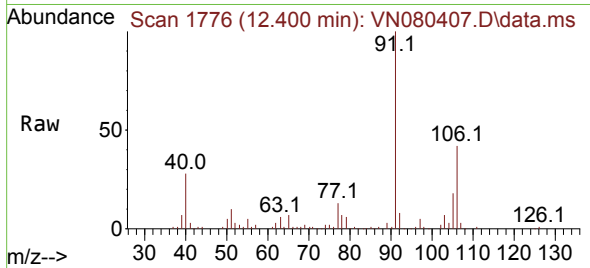




#69
o-Xylene
Concen: 10.873 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

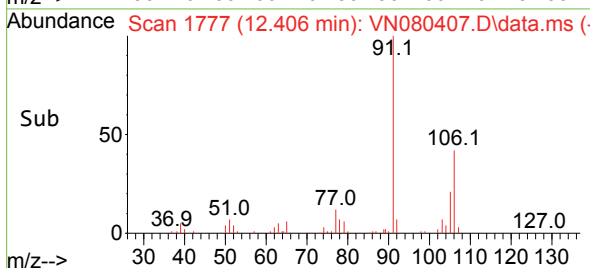
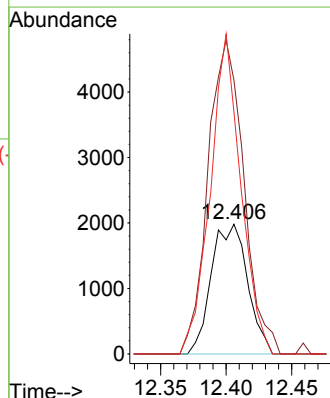
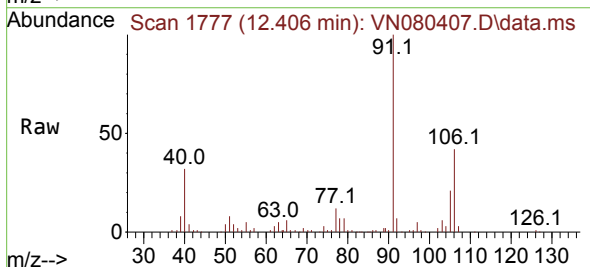
Instrument :
MSVOA_N
ClientSampleId :

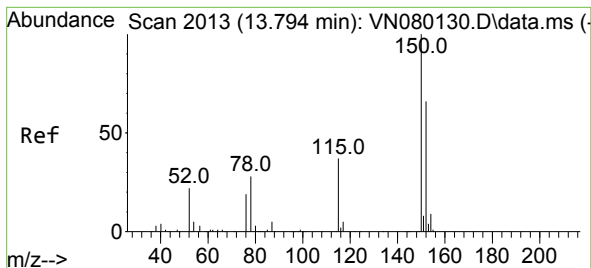
Tgt Ion:106 Resp: 47667
Ion Ratio Lower Upper
106 100
91 235.2 105.2 315.5



#70
Styrene
Concen: 0.583 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

Tgt Ion:104 Resp: 3806
Ion Ratio Lower Upper
104 100
78 238.5 39.5 59.3#
103 208.3 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: VN080407.D

Acq: 08 Dec 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

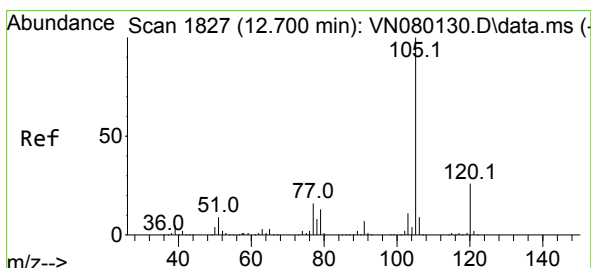
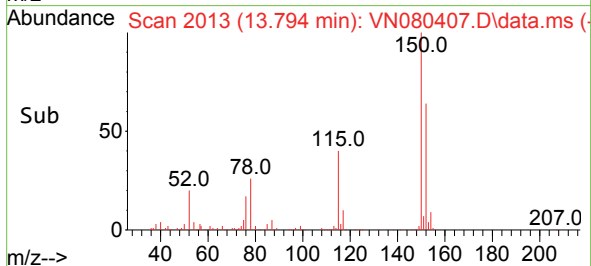
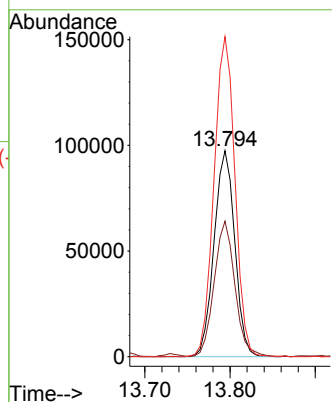
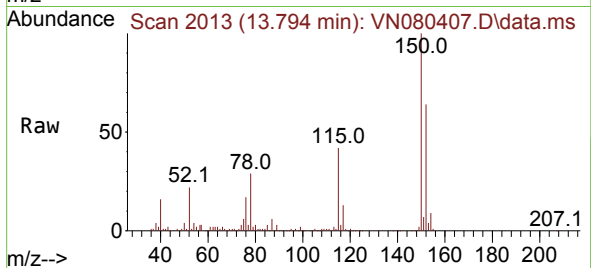
Tgt Ion:152 Resp: 164418

Ion Ratio Lower Upper

152 100

115 66.3 32.3 96.8

150 156.8 0.0 355.8



#73

Isopropylbenzene

Concen: 1.786 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN080407.D

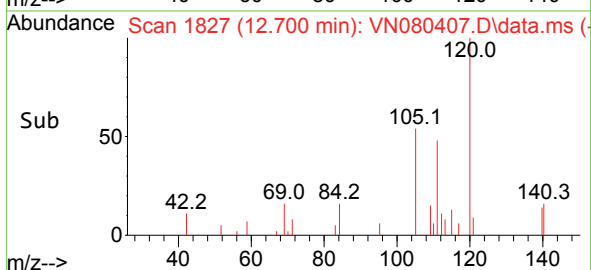
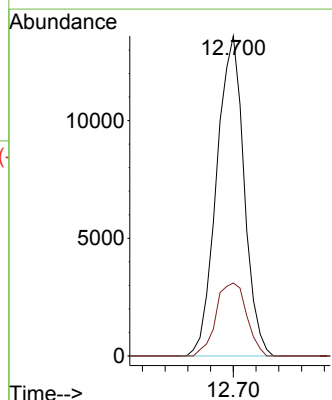
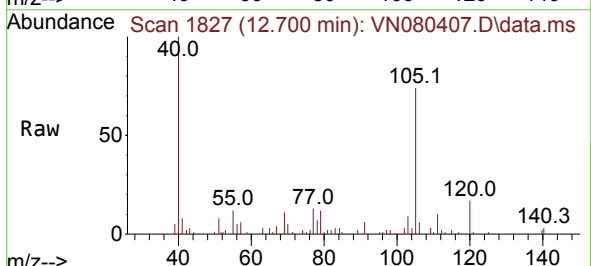
Acq: 08 Dec 2023 15:34

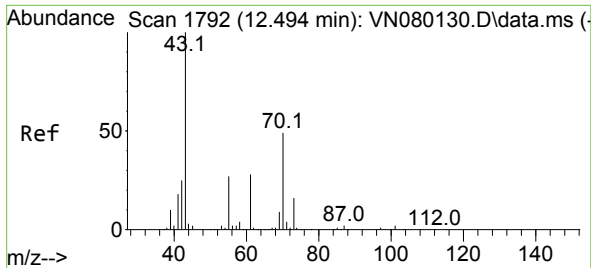
Tgt Ion:105 Resp: 22814

Ion Ratio Lower Upper

105 100

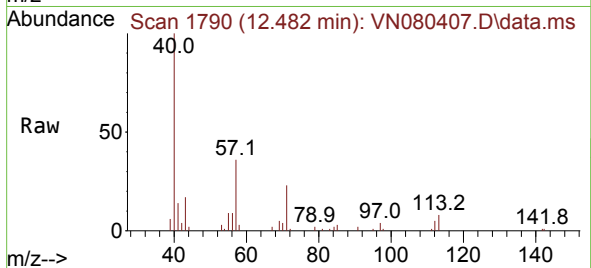
120 25.3 13.1 39.1



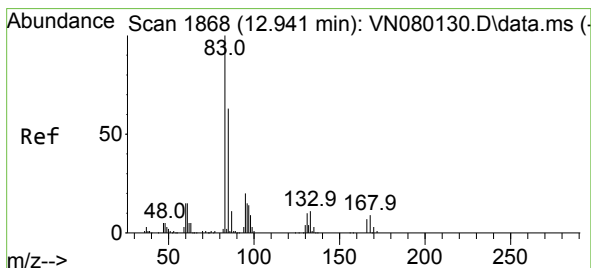
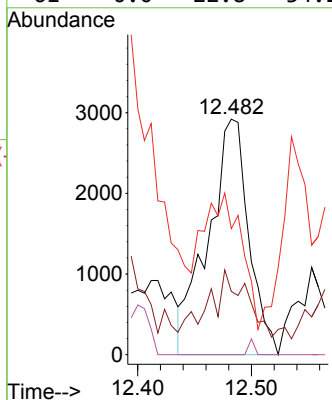
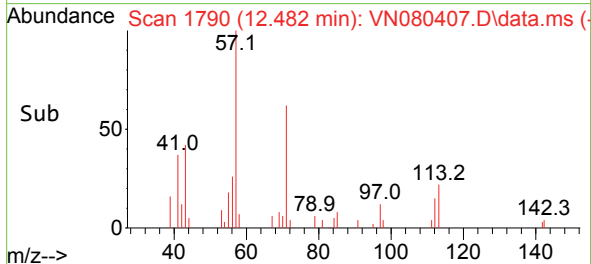


#74
N-amy1 acetate
Concen: 1.809 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.012 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

Instrument :
MSVOA_N
ClientSampleId :

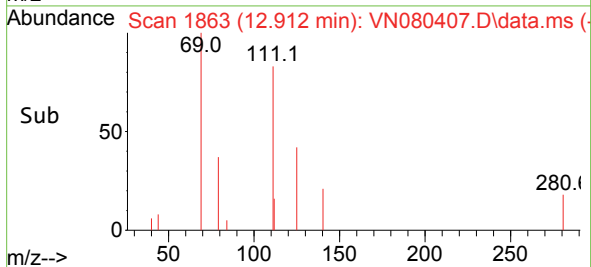
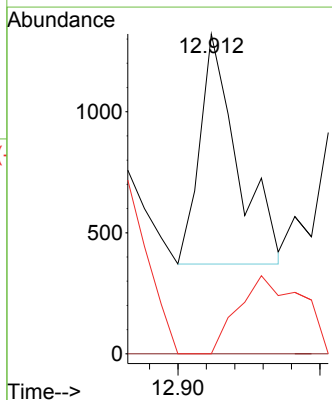
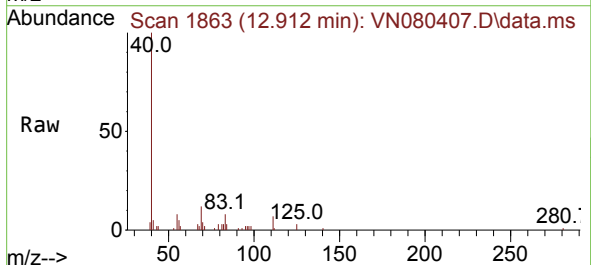


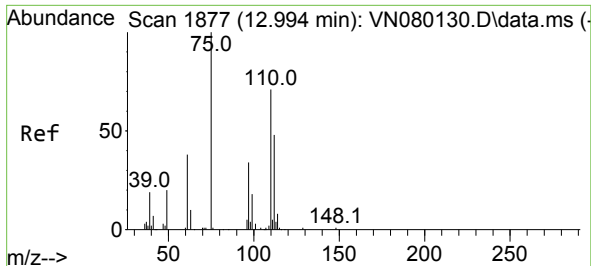
Tgt Ion	43	70	55	61
Ratio	100	21.9	55.2	0.0
Lower		43.4	21.4	22.8
Upper		65.2#	32.0#	34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.229 ug/l
RT: 12.912 min Scan# 1863
Delta R.T. -0.029 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

Tgt Ion	83	131	85
Ratio	100	0.0	0.0
Lower		5.0	31.9
Upper		15.0#	95.7#

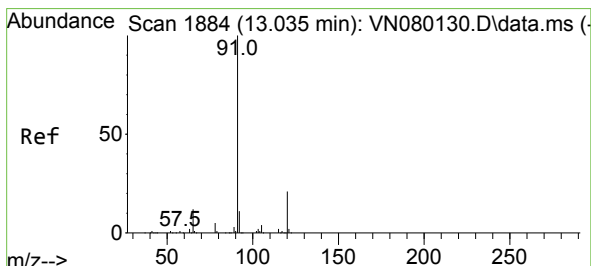
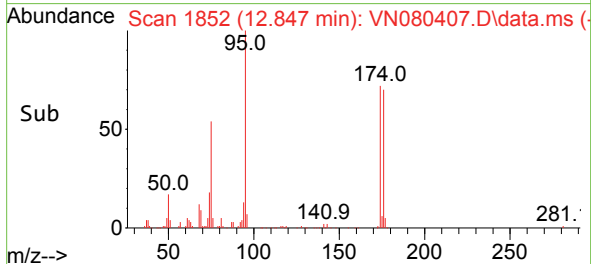
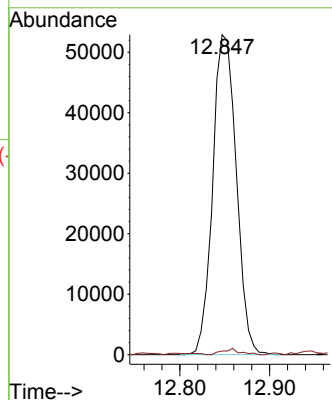
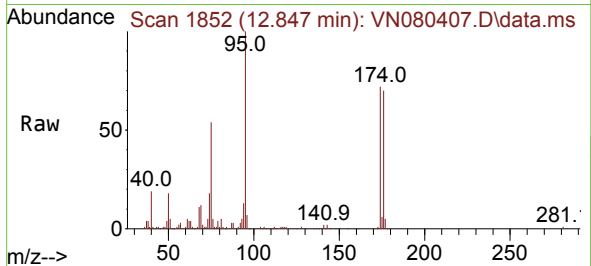




#76
1,2,3-Trichloropropane
Concen: 23.990 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

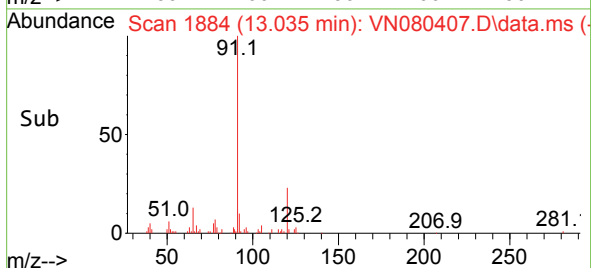
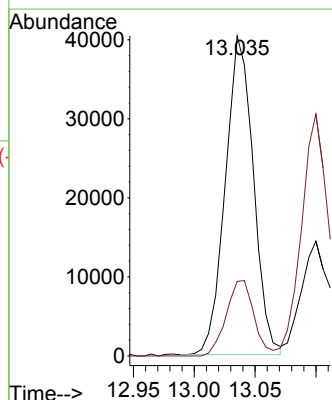
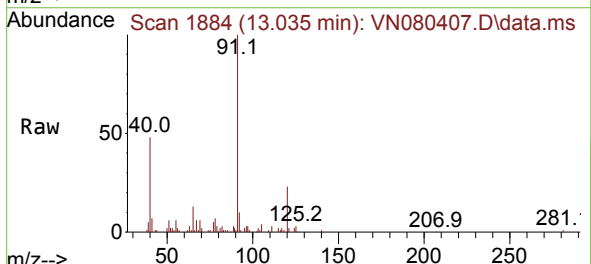
Instrument :
MSVOA_N
ClientSampleId :

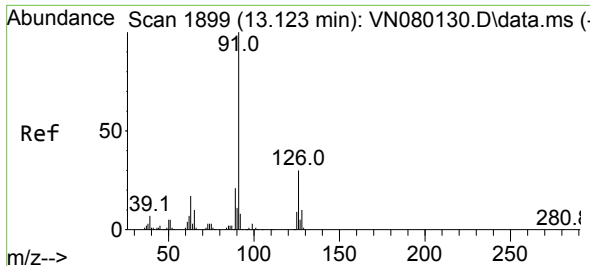
Tgt Ion: 75 Resp: 96643
Ion Ratio Lower Upper
75 100
77 1.4 84.5 253.5#



#78
n-propylbenzene
Concen: 4.527 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

Tgt Ion: 91 Resp: 64673
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4

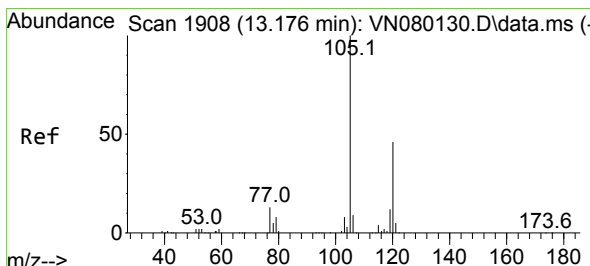
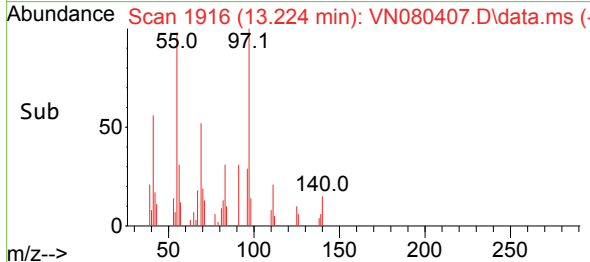
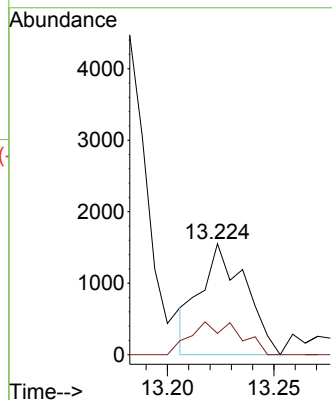
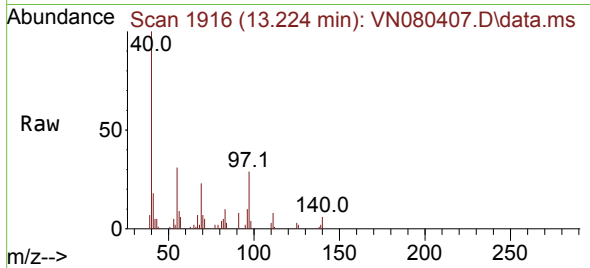




#79
2-Chlorotoluene
Concen: 0.245 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.100 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

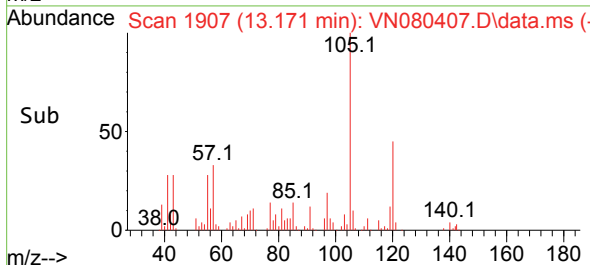
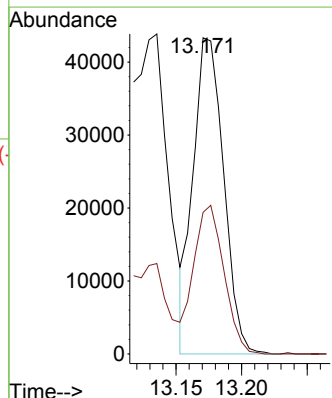
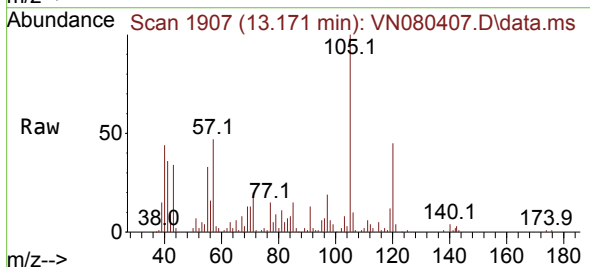
Instrument :
MSVOA_N
ClientSampleId :

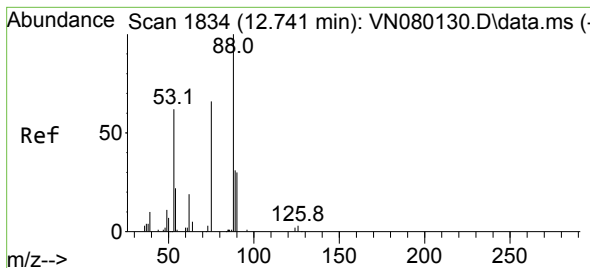
Tgt Ion: 91 Resp: 2271
Ion Ratio Lower Upper
91 100
126 32.8 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 6.287 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

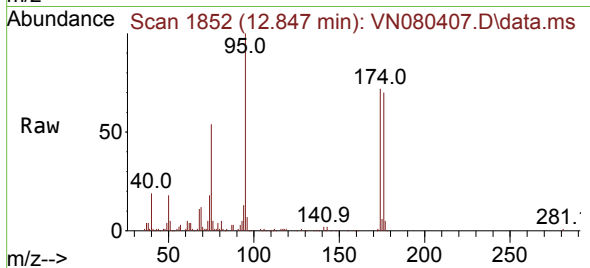
Tgt Ion: 105 Resp: 69927
Ion Ratio Lower Upper
105 100
120 46.8 24.1 72.3



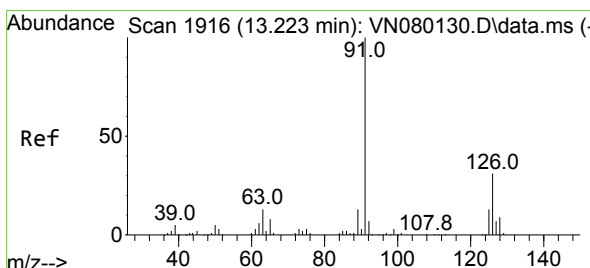
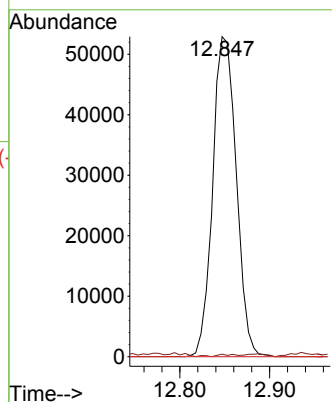
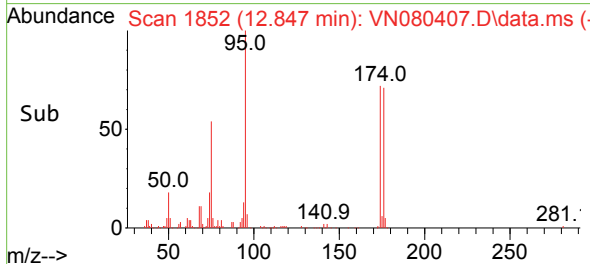


#81
trans-1,4-Dichloro-2-butene
Concen: 81.051 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

Instrument :
MSVOA_N
ClientSampleId :

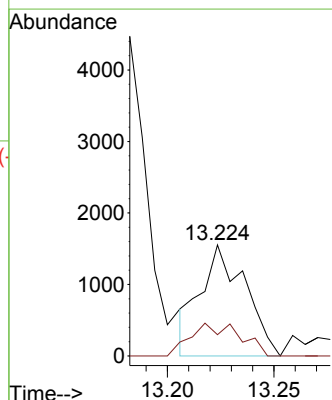
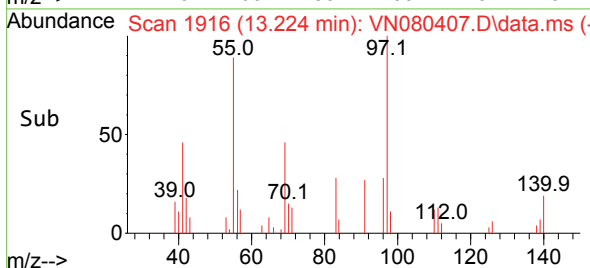
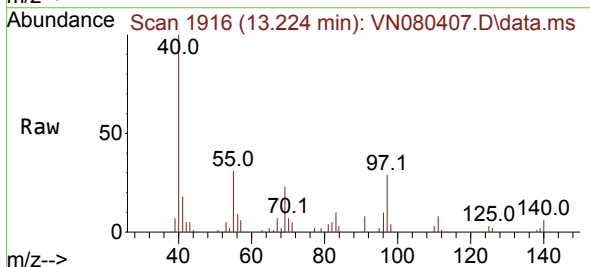


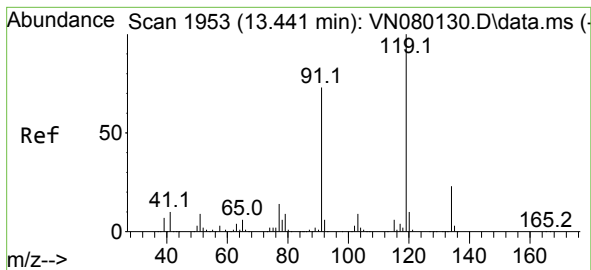
Tgt Ion: 75 Resp: 96643
Ion Ratio Lower Upper
75 100
53 0.3 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.239 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

Tgt Ion: 91 Resp: 2271
Ion Ratio Lower Upper
91 100
126 32.8 16.7 50.0





#83

tert-Butylbenzene

Concen: 3.578 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.047 min

Lab File: VN080407.D

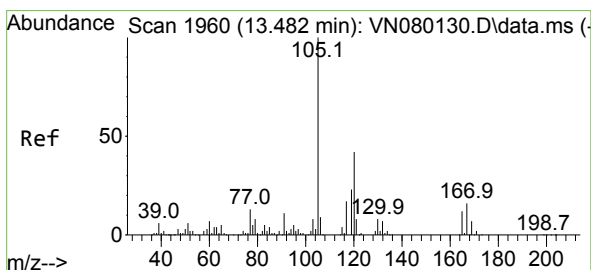
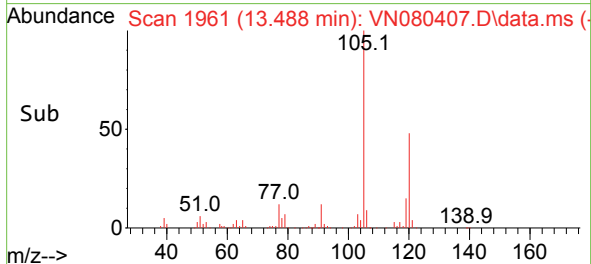
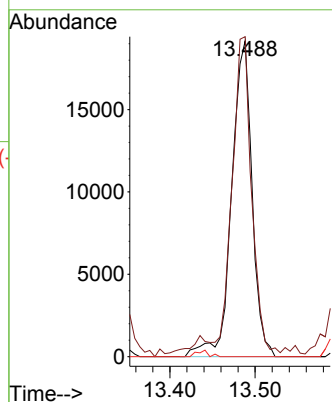
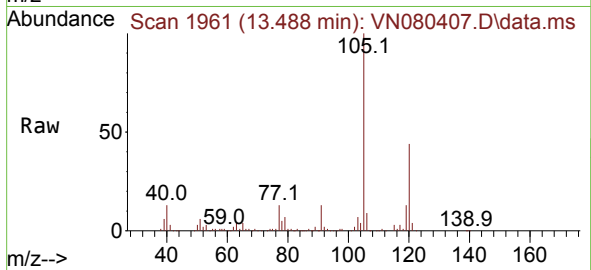
Acq: 08 Dec 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:119	Resp:	31912
Ion Ratio	Lower	Upper
119	100	
91	94.7	33.9 101.7
134	0.0	13.2 39.6#



#84

1,2,4-Trimethylbenzene

Concen: 23.648 ug/l

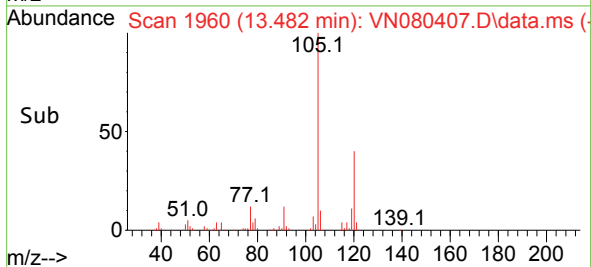
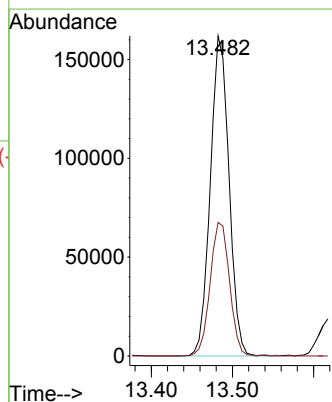
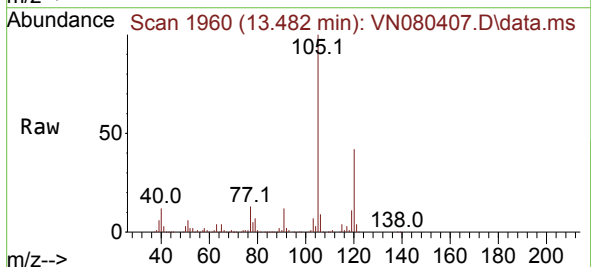
RT: 13.482 min Scan# 1960

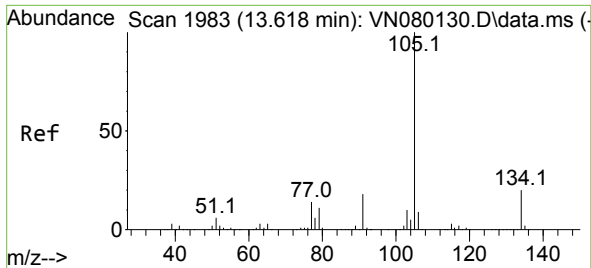
Delta R.T. 0.000 min

Lab File: VN080407.D

Acq: 08 Dec 2023 15:34

Tgt Ion:105	Resp:	258977
Ion Ratio	Lower	Upper
105	100	
120	43.2	22.0 66.0

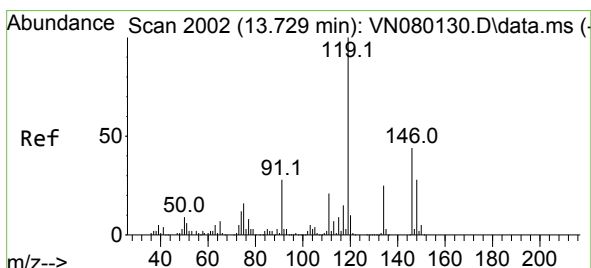
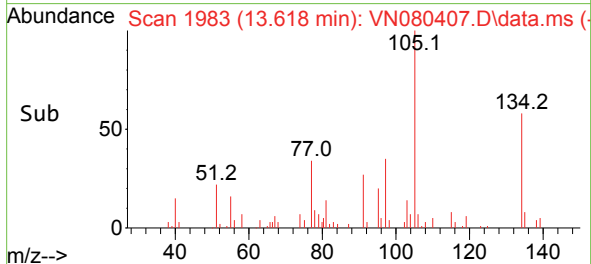
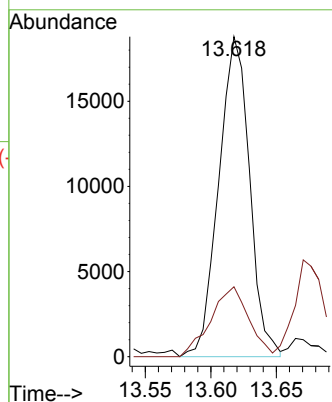
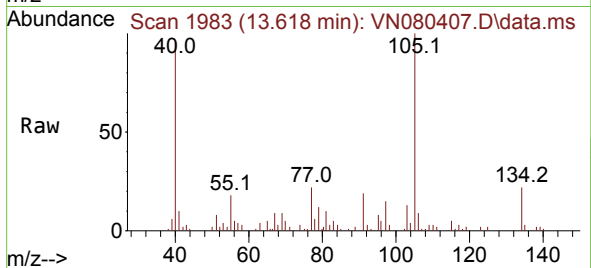




#85
 sec-Butylbenzene
 Concen: 2.724 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080407.D
 Acq: 08 Dec 2023 15:34

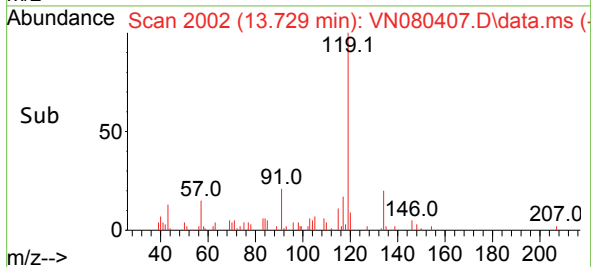
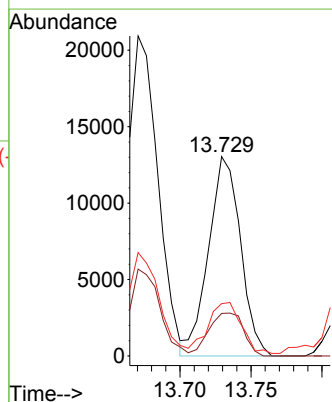
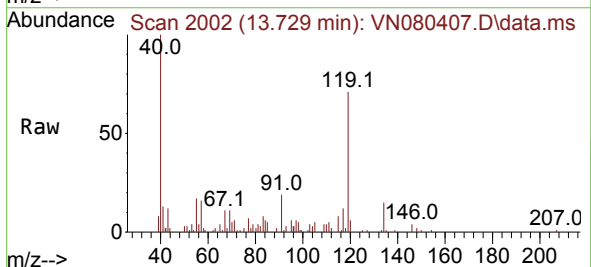
Instrument :
 MSVOA_N
 ClientSampleId :

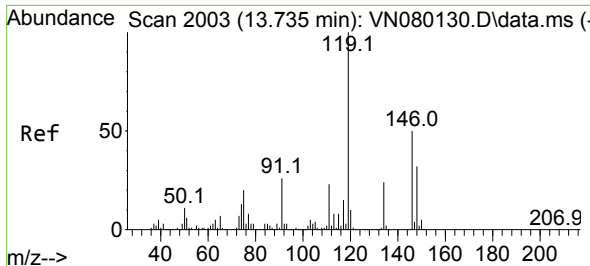
Tgt Ion:105 Resp: 30735
 Ion Ratio Lower Upper
 105 100
 134 27.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 2.032 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080407.D
 Acq: 08 Dec 2023 15:34

Tgt Ion:119 Resp: 20485
 Ion Ratio Lower Upper
 119 100
 134 23.4 12.6 37.8
 91 26.2 12.4 37.2

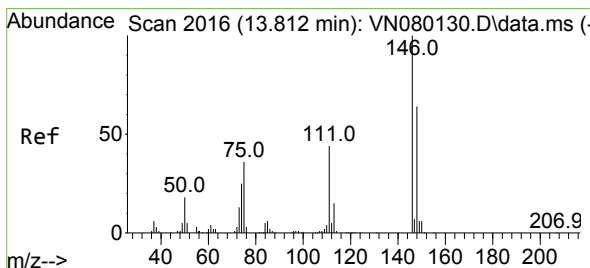
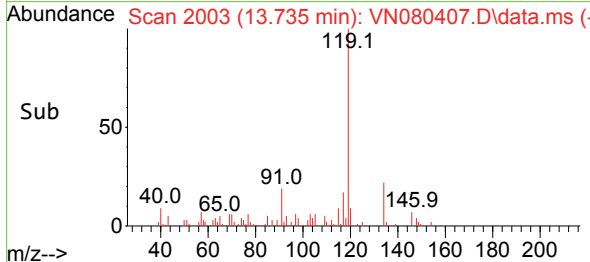
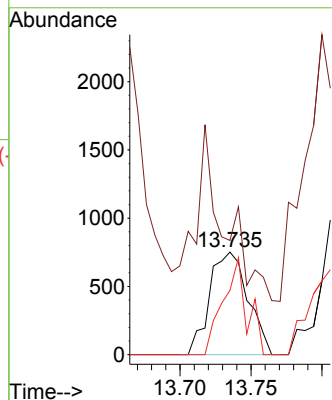
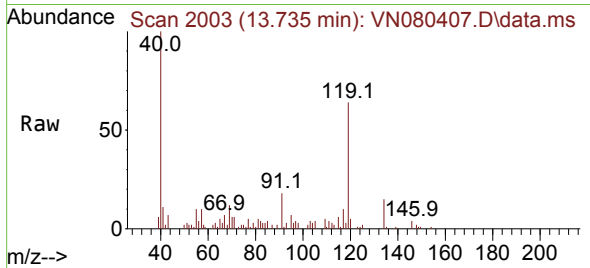




#87
 1,3-Dichlorobenzene
 Concen: 0.244 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080407.D
 Acq: 08 Dec 2023 15:34

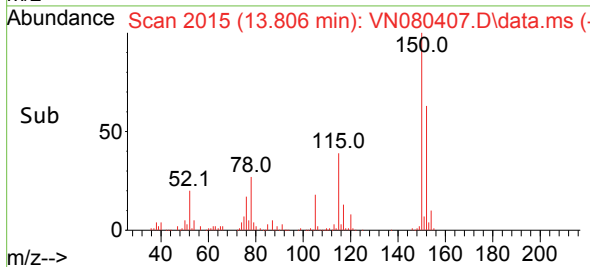
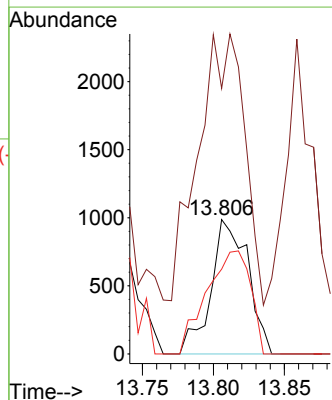
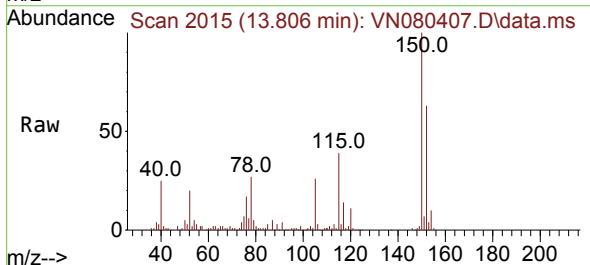
Instrument :
 MSVOA_N
 ClientSampleId :

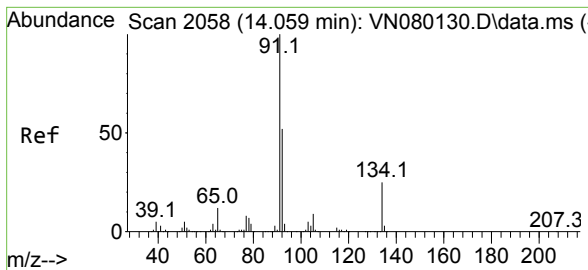
Tgt Ion:146 Resp: 1416
 Ion Ratio Lower Upper
 146 100
 111 0.0 22.1 66.3#
 148 59.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 0.307 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: VN080407.D
 Acq: 08 Dec 2023 15:34

Tgt Ion:146 Resp: 1791
 Ion Ratio Lower Upper
 146 100
 111 252.9 20.6 61.8#
 148 90.8 31.6 94.8

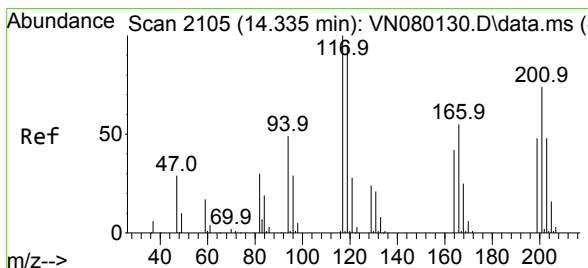
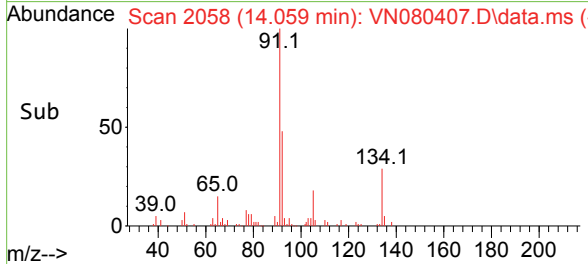
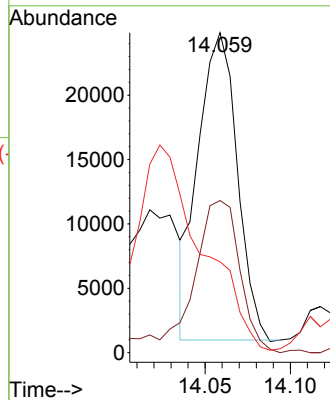
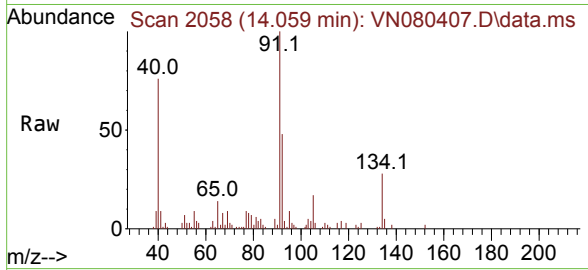




#89
n-Butylbenzene
Concen: 4.490 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

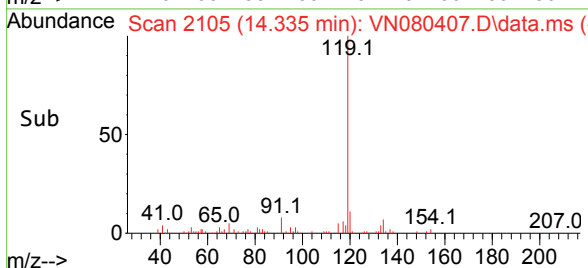
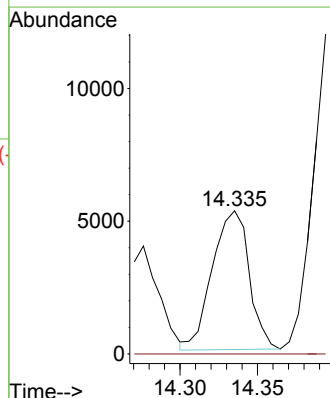
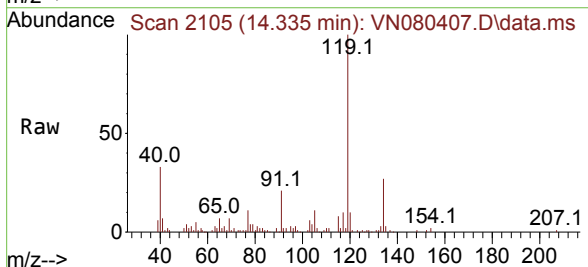
Instrument :
MSVOA_N
ClientSampleId :

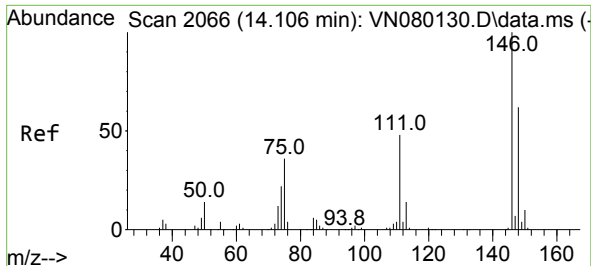
Tgt Ion: 91 Resp: 37874
Ion Ratio Lower Upper
91 100
92 58.7 26.4 79.0
134 0.0 12.6 37.6#



#90
Hexachloroethane
Concen: 4.407 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080407.D
Acq: 08 Dec 2023 15:34

Tgt Ion: 117 Resp: 8659
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#





#91

1,2-Dichlorobenzene

Concen: 0.265 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN080407.D

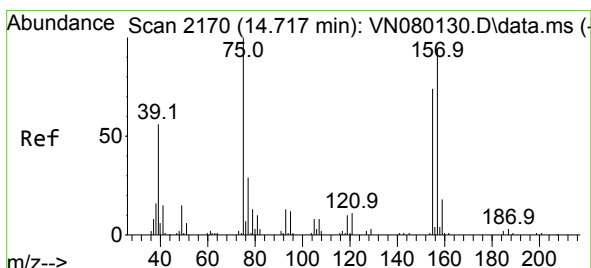
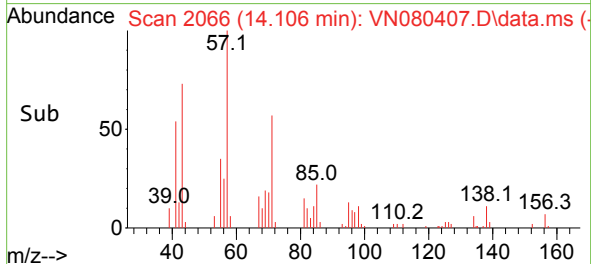
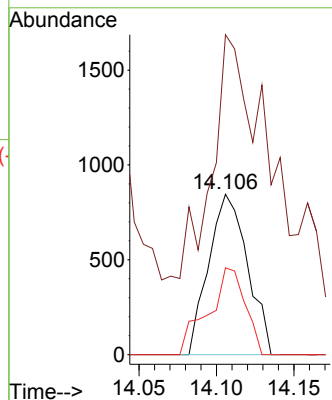
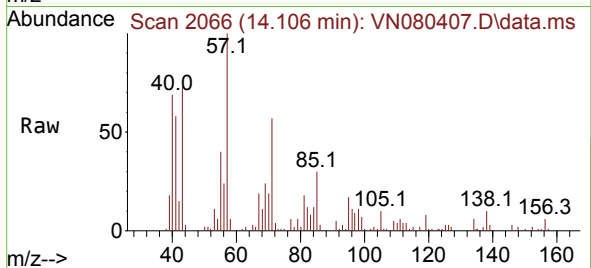
Acq: 08 Dec 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	146	Resp:	1470
Ion	Ratio	Lower	Upper
146	100		
111	260.3	22.0	66.0#
148	51.7	31.8	95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.581 ug/l

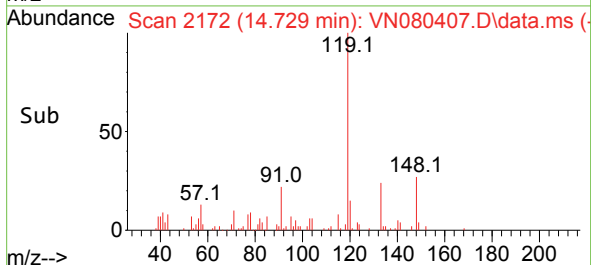
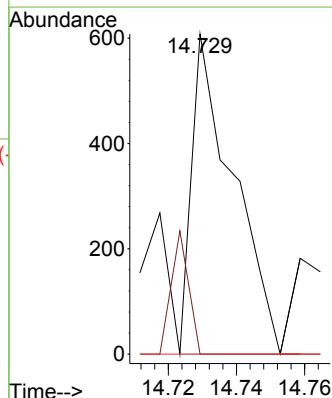
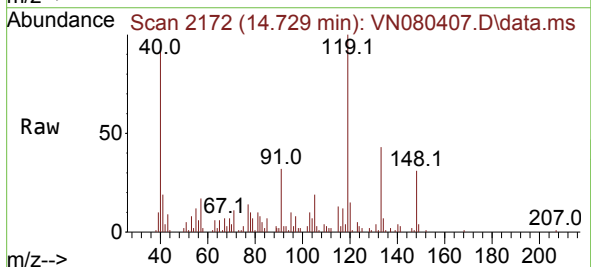
RT: 14.729 min Scan# 2172

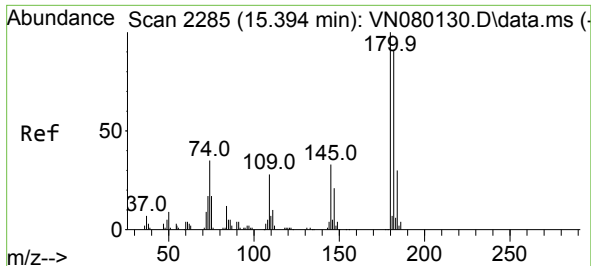
Delta R.T. 0.012 min

Lab File: VN080407.D

Acq: 08 Dec 2023 15:34

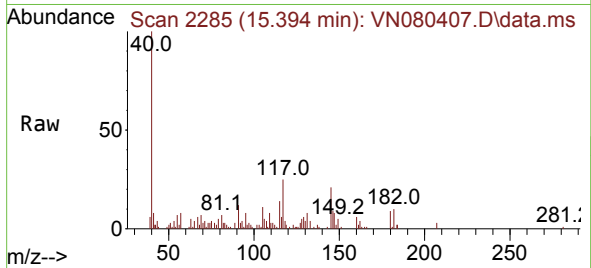
Tgt Ion:	75	Resp:	516
Ion	Ratio	Lower	Upper
75	100		
155	16.1	39.1	117.2#
157	0.0	50.3	150.9#



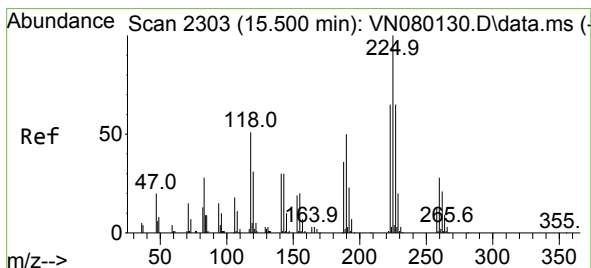
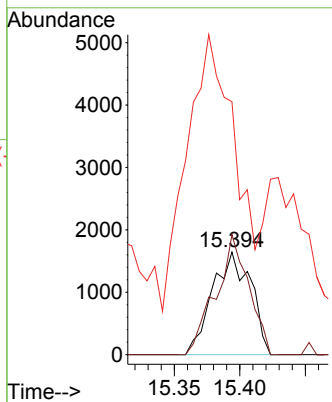
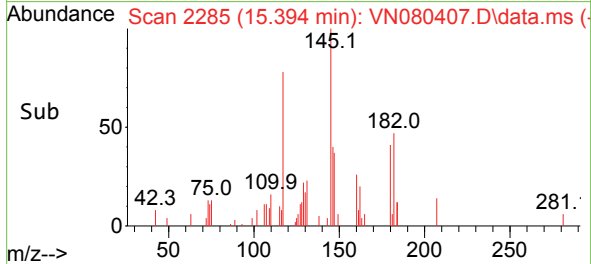


#93
 1,2,4-Trichlorobenzene
 Concen: 1.039 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. 0.000 min
 Lab File: VN080407.D
 Acq: 08 Dec 2023 15:34

Instrument :
 MSVOA_N
 ClientSampleId :

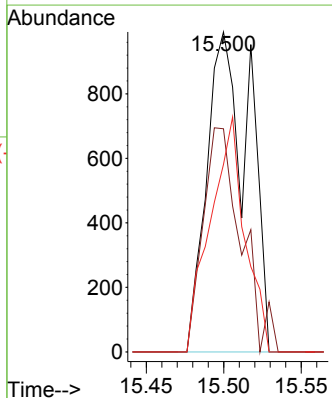
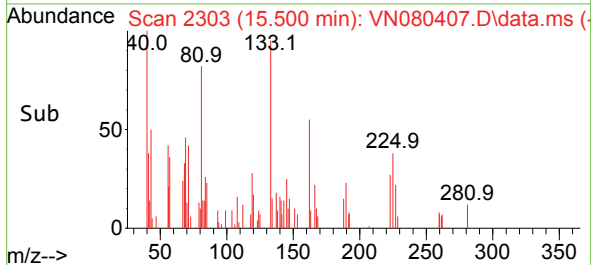
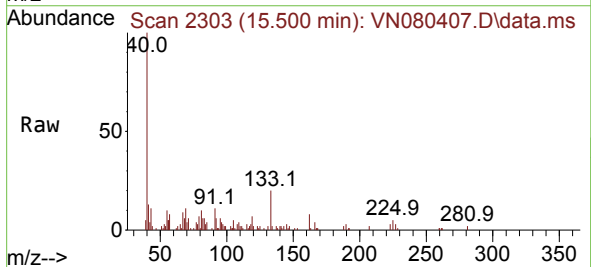


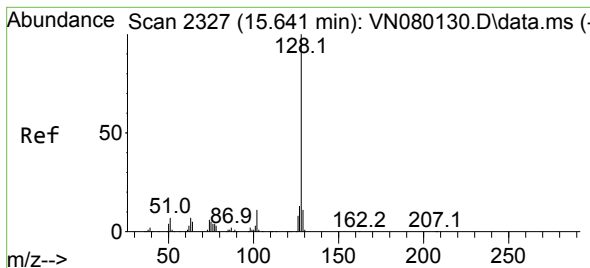
Tgt Ion:180 Resp: 3357
 Ion Ratio Lower Upper
 180 100
 182 100.5 46.1 138.2
 145 416.2 16.6 49.8#



#94
 Hexachlorobutadiene
 Concen: 1.002 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN080407.D
 Acq: 08 Dec 2023 15:34

Tgt Ion:225 Resp: 1863
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.3 93.8
 227 60.4 31.9 95.9





#95

Naphthalene

Concen: 3.404 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080407.D

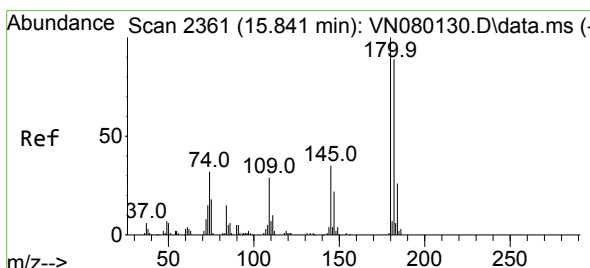
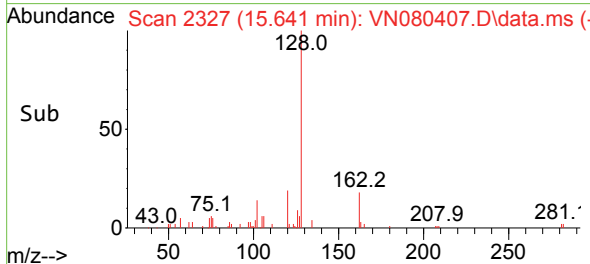
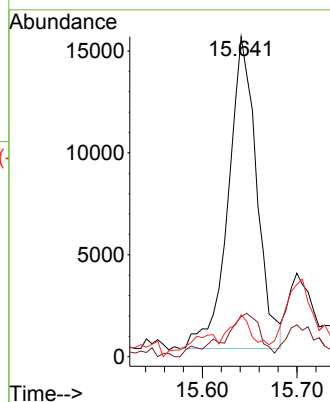
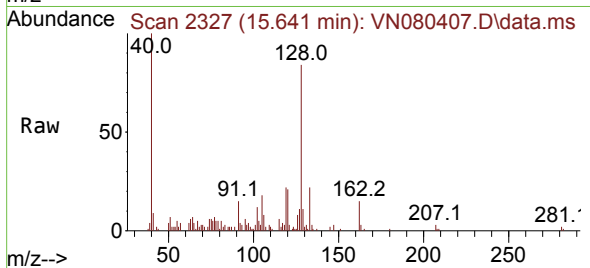
Acq: 08 Dec 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	128	Resp:	31881
Ion	Ratio	Lower	Upper
128	100		
127	18.1	10.0	15.0#
129	6.9	8.7	13.1#



#96

1,2,3-Trichlorobenzene

Concen: 1.571 ug/l

RT: 15.853 min Scan# 2363

Delta R.T. 0.012 min

Lab File: VN080407.D

Acq: 08 Dec 2023 15:34

Tgt Ion:	180	Resp:	4755
Ion	Ratio	Lower	Upper
180	100		
182	75.8	46.2	138.6
145	226.3	17.5	52.6#

