

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080409.D
 Acq On : 08 Dec 2023 16:22
 Operator : JC\MD
 Sample : 05650-04 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50197

Quant Time: Dec 08 22:41:25 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	0.000	168	0	0.000	ug/l	-8.22
34) 1,4-Difluorobenzene	9.030	114	841	50.000	ug/l	-0.08
63) Chlorobenzene-d5	12.006	117	410638	50.000	ug/l	0.14
72) 1,4-Dichlorobenzene-d4	13.823	152	136573	50.000	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.412	65	123	0.000	ug/l	-0.17
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	8.124	113	111	17.887	ug/l	-0.04
Spiked Amount	50.000	Range	75 - 124	Recovery	=	35.780%#
50) Toluene-d8	10.506	98	235	10.505	ug/l	-0.06
Spiked Amount	50.000	Range	86 - 113	Recovery	=	21.020%#
62) 4-Bromofluorobenzene	12.918	95	165429	19578.959	ug/l	0.07
Spiked Amount	50.000	Range	83 - 123	Recovery	=	39157.920%#
Target Compounds						
					Qvalue	
36) 1,1-Dichloropropene	8.283	75	680	75.687	ug/l #	40
37) Ethyl Acetate	7.530	43	646	103.661	ug/l #	19
39) Methylcyclohexane	9.506	83	499	57.603	ug/l #	63
40) Benzene	8.441	78	57	2.232	ug/l #	1
41) Methacrylonitrile	7.718	41	1333	389.500	ug/l #	22
43) Isopropyl Acetate	8.618	43	645	53.187	ug/l #	67
44) Trichloroethene	9.041	130	3231	482.383	ug/l	1
45) 1,2-Dichloropropane	9.682	63	106058	17872.966	ug/l #	46
46) Dibromomethane	9.682	93	10475	2331.999	ug/l #	4
47) Bromodichloromethane	9.829	83	746	75.500	ug/l #	73
48) Methyl methacrylate	9.594	41	7782	1245.214	ug/l #	18
49) 1,4-Dioxane	9.688	88	91207	877260.439	ug/l #	35
51) 4-Methyl-2-Pentanone	10.353	43	9855	1569.658	ug/l #	40
52) Toluene	10.435	92	62	3.880	ug/l	91
53) t-1,3-Dichloropropene	10.729	75	467	46.002	ug/l #	43
54) cis-1,3-Dichloropropene	10.265	75	77	7.424	ug/l #	44
55) 1,1,2-Trichloroethane	10.871	97	19392	3179.487	ug/l #	1
56) Ethyl methacrylate	10.794	69	3717	596.558	ug/l #	82
57) 1,3-Dichloropropane	10.859	76	8595	807.140	ug/l #	72
58) 2-Chloroethyl Vinyl ether	10.077	63	110	31.337	ug/l #	42
59) 2-Hexanone	10.988	43	649	128.640	ug/l	67
60) Dibromochloromethane	11.300	129	69	9.450	ug/l #	11
67) Ethyl Benzene	12.088	91	6511	0.393	ug/l	95
68) m/p-Xylenes	12.100	106	2299	0.381	ug/l #	45
69) o-Xylene	12.500	106	3158	0.555	ug/l	81
70) Styrene	12.500	104	1848	0.218	ug/l #	29
73) Isopropylbenzene	12.776	105	2429	0.229	ug/l	85
74) N-amyl acetate	12.535	43	9689	2.928	ug/l #	36
75) 1,1,2,2-Tetrachloroethane	12.900	83	3966	1.249	ug/l #	1
76) 1,2,3-Trichloropropane	12.906	75	1895988	566.597	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.141	105	2792	0.302	ug/l	70
81) trans-1,4-Dichloro-2-b...	12.906	75	1966615	1985.607	ug/l #	43
86) p-Isopropyltoluene	13.735	119	8870	1.059	ug/l #	1
88) 1,4-Dichlorobenzene	13.841	146	1651	0.341	ug/l #	1
89) n-Butylbenzene	14.082	91	2278	0.325	ug/l #	65
90) Hexachloroethane	14.312	117	696	0.426	ug/l #	21

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
Data File : VN080409.D
Acq On : 08 Dec 2023 16:22
Operator : JC\MD
Sample : 05650-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
50197

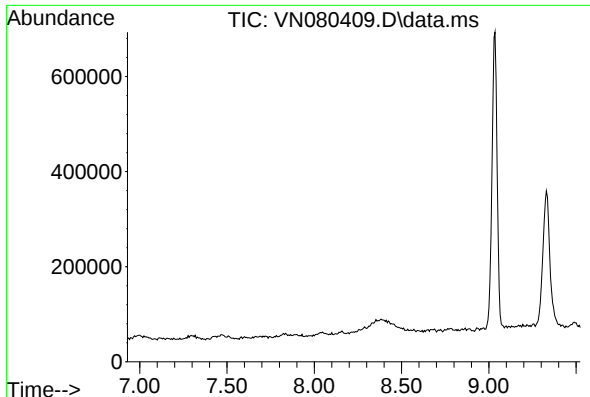
Quant Time: Dec 08 22:41:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	14.135	146	1391	0.302	ug/l #	54
92) 1,2-Dibromo-3-Chloropr...	14.717	75	1299	1.761	ug/l #	16
93) 1,2,4-Trichlorobenzene	15.388	180	1854	0.691	ug/l #	14
94) Hexachlorobutadiene	15.517	225	531	0.344	ug/l #	55
95) Naphthalene	15.653	128	74776	9.611	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.870	180	1496	0.595	ug/l #	83

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

Quant Time: Dec 08 22:41:25 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

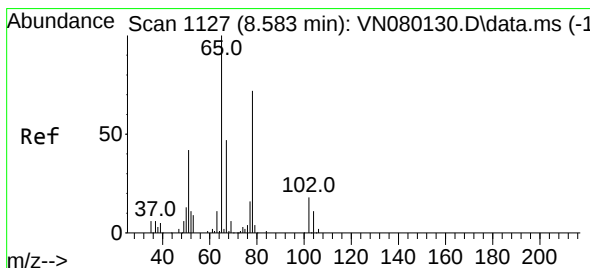
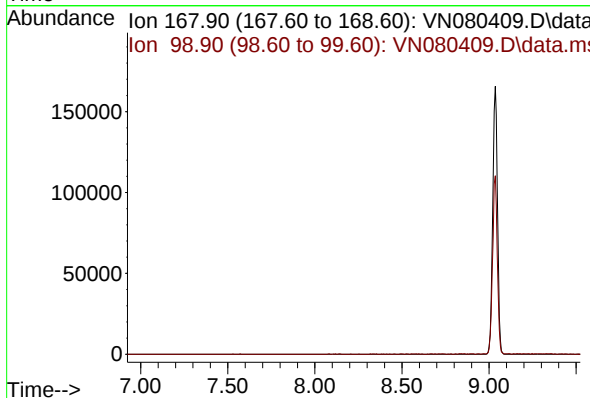




#1
 Pentafluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 8.22 min
 Lab File: VN080409.D
 Acq: 08 Dec 2023 16:22

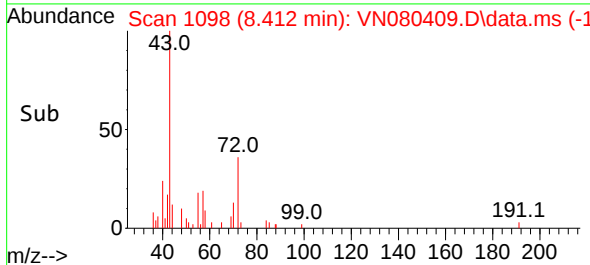
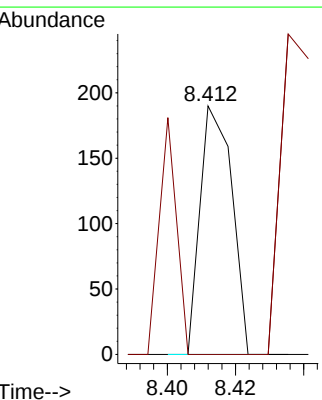
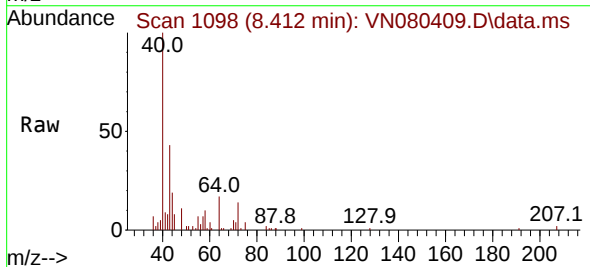
Instrument :
 MSVOA_N
 ClientSampleId :
 50197

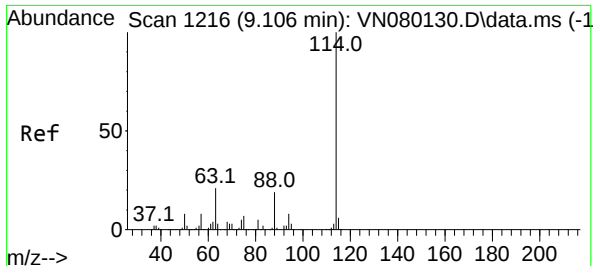
Tgt Ion: 168
 Sig Exp Ratio
 168 100
 99 66.3



#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 RT: 8.412 min Scan# 1098
 Delta R.T. -0.171 min
 Lab File: VN080409.D
 Acq: 08 Dec 2023 16:22

Tgt Ion: 65 Resp: 123
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.030 min Scan# 11

Delta R.T. -0.077 min

Lab File: VN080409.D

Acq: 08 Dec 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

50197

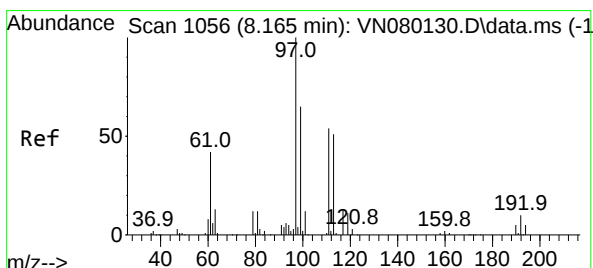
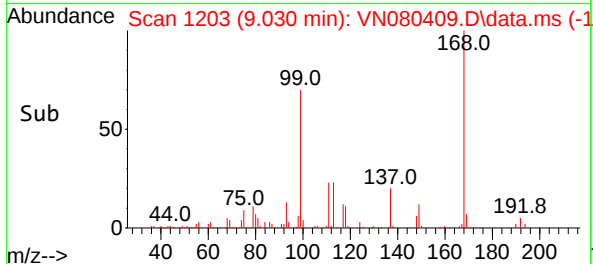
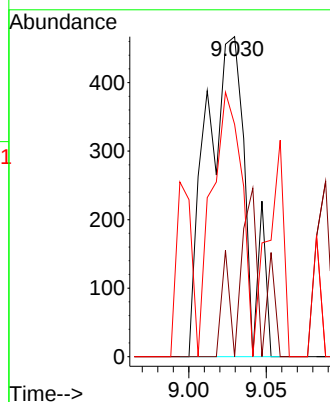
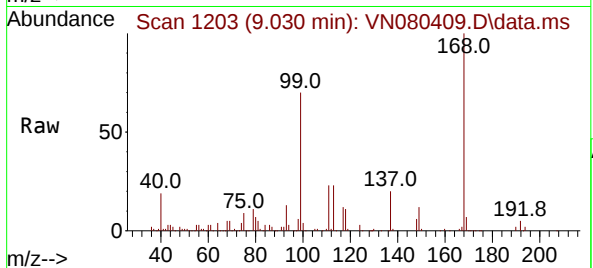
Tgt Ion:114 Resp: 841

Ion Ratio Lower Upper

114 100

63 0.0 0.0 36.4

88 18.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 17.887 ug/l

RT: 8.124 min Scan# 1049

Delta R.T. -0.041 min

Lab File: VN080409.D

Acq: 08 Dec 2023 16:22

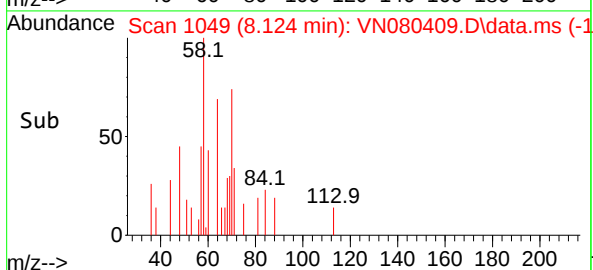
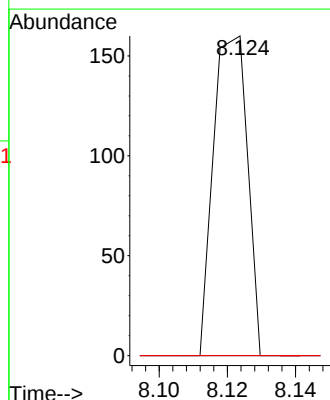
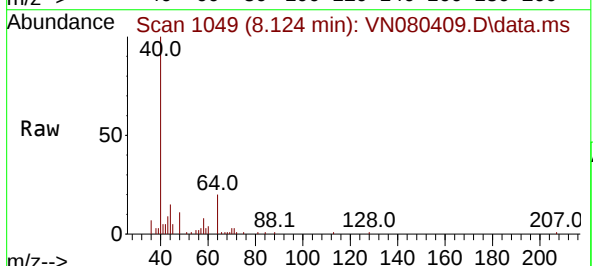
Tgt Ion:113 Resp: 111

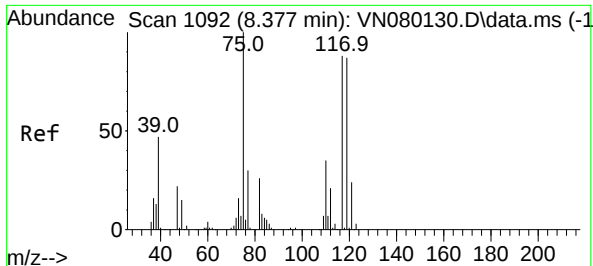
Ion Ratio Lower Upper

113 100

111 0.0 82.6 123.8#

192 0.0 12.7 19.1#





#36

1,1-Dichloropropene

Concen: 75.687 ug/l

RT: 8.283 min Scan# 1

Delta R.T. -0.094 min

Lab File: VN080409.D

Acq: 08 Dec 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

50197

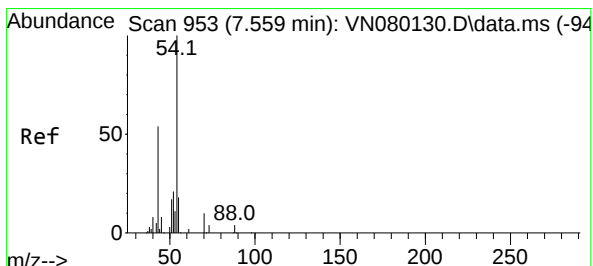
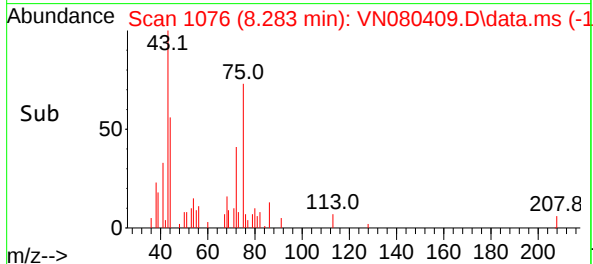
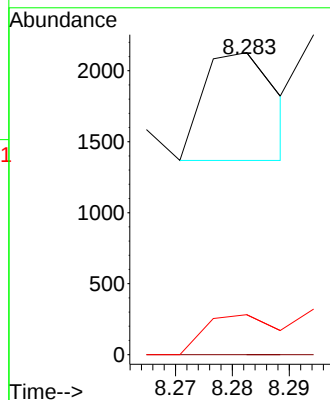
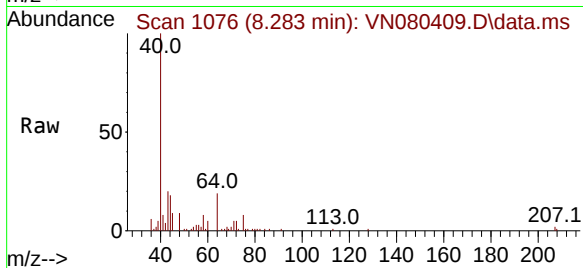
Tgt Ion: 75 Resp: 680

Ion Ratio Lower Upper

75 100

110 0.0 19.1 57.3#

77 62.1 25.0 37.4#



#37

Ethyl Acetate

Concen: 103.661 ug/l

RT: 7.530 min Scan# 948

Delta R.T. -0.030 min

Lab File: VN080409.D

Acq: 08 Dec 2023 16:22

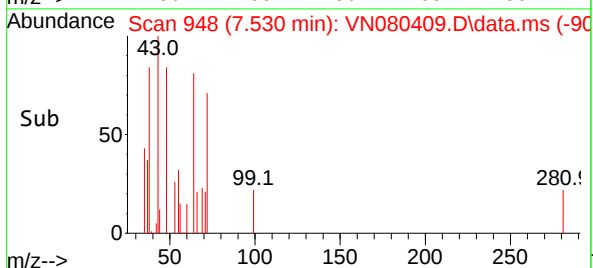
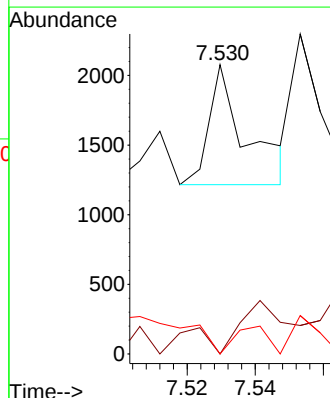
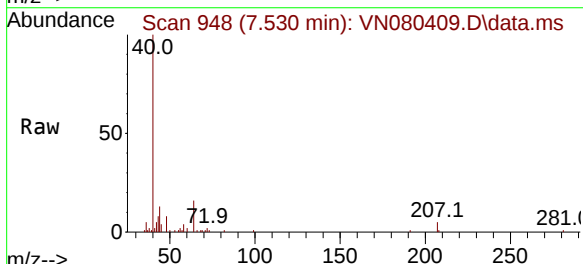
Tgt Ion: 43 Resp: 646

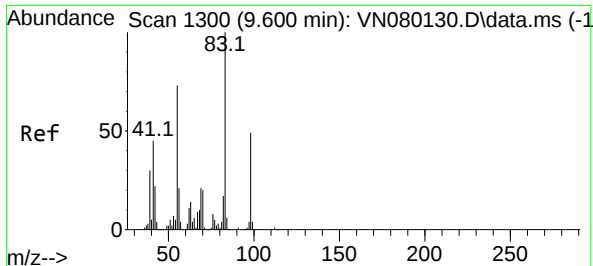
Ion Ratio Lower Upper

43 100

61 75.4 13.2 19.8#

70 20.3 11.3 16.9#





#39

Methylcyclohexane

Concen: 57.603 ug/l

RT: 9.506 min Scan# 1103

Delta R.T. -0.094 min

Lab File: VN080409.D

Acq: 08 Dec 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

50197

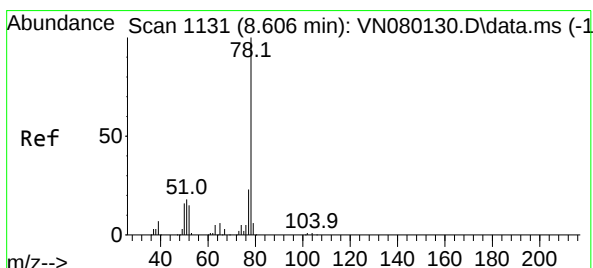
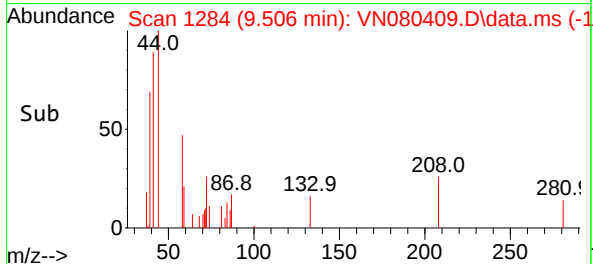
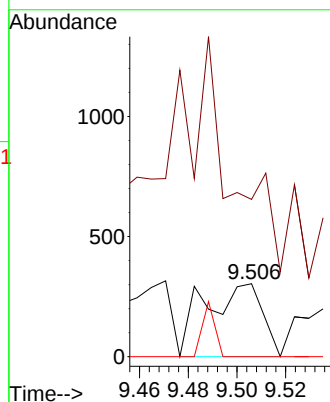
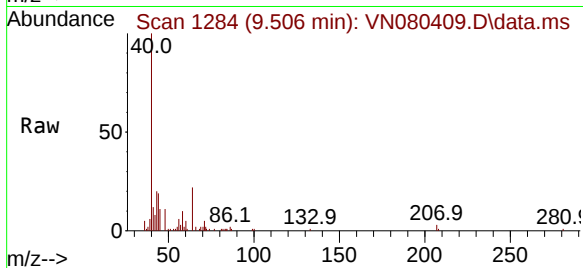
Tgt Ion: 83 Resp: 499

Ion Ratio Lower Upper

83 100

55 56.0 49.1 73.7

98 0.0 40.6 61.0#



#40

Benzene

Concen: 2.232 ug/l

RT: 8.441 min Scan# 1103

Delta R.T. -0.165 min

Lab File: VN080409.D

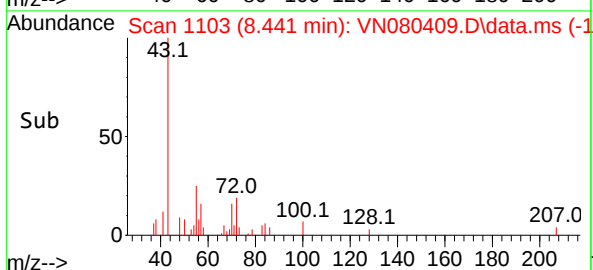
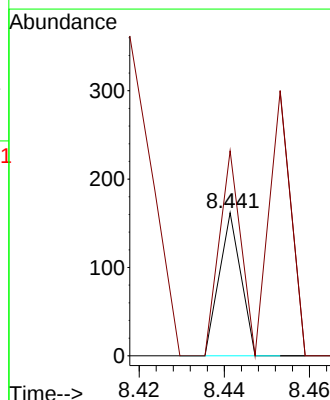
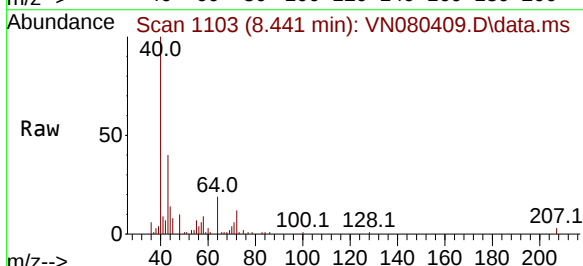
Acq: 08 Dec 2023 16:22

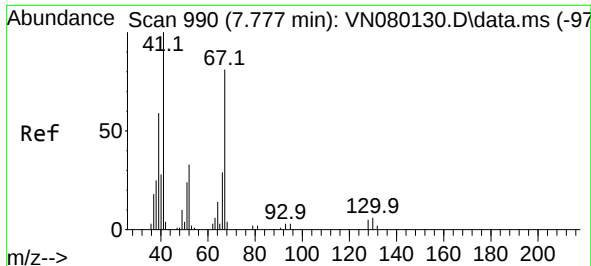
Tgt Ion: 78 Resp: 57

Ion Ratio Lower Upper

78 100

77 143.2 19.0 28.6#

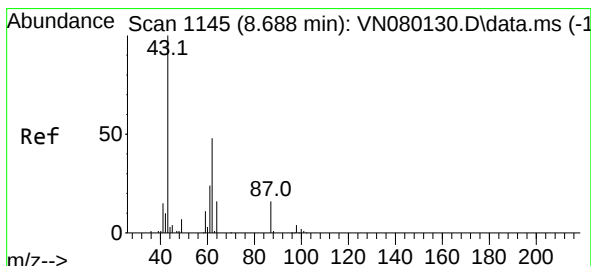
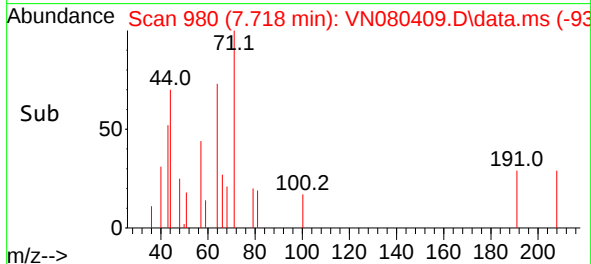
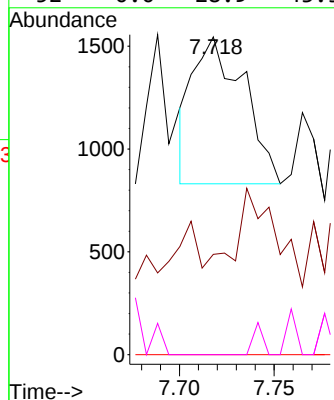
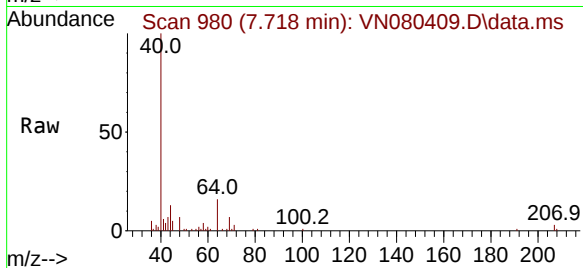




#41
Methacrylonitrile
Concen: 389.500 ug/l
RT: 7.718 min Scan# 913
Delta R.T. -0.059 min
Lab File: VN080409.D
Acq: 08 Dec 2023 16:22

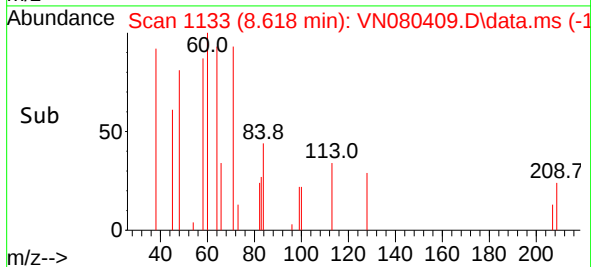
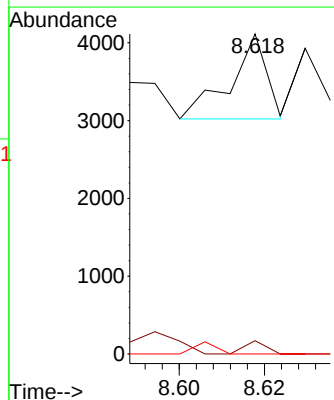
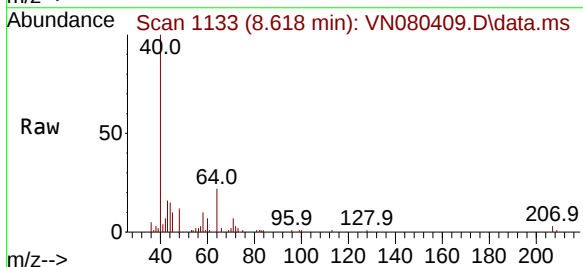
Instrument :
MSVOA_N
ClientSampleId :
50197

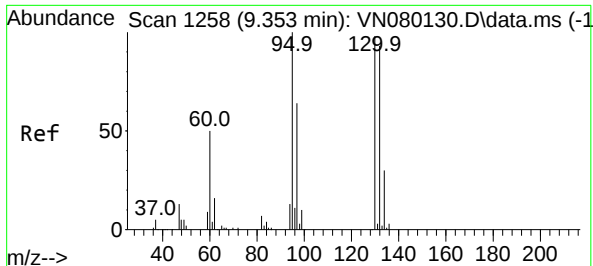
Tgt Ion:	41	Resp:	1333
Ion	Ratio	Lower	Upper
41	100		
39	15.8	42.6	64.0#
67	0.0	77.5	116.3#
52	0.0	28.9	43.3#



#43
Isopropyl Acetate
Concen: 53.187 ug/l
RT: 8.618 min Scan# 1133
Delta R.T. -0.071 min
Lab File: VN080409.D
Acq: 08 Dec 2023 16:22

Tgt Ion:	43	Resp:	645
Ion	Ratio	Lower	Upper
43	100		
61	9.3	24.7	37.1#
87	8.5	14.6	21.8#

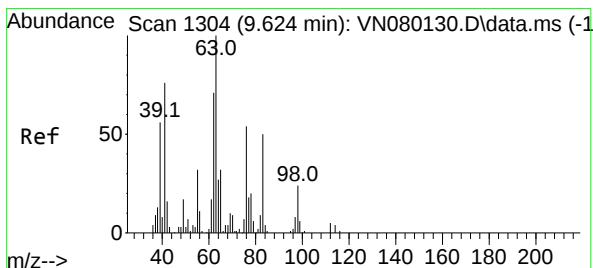
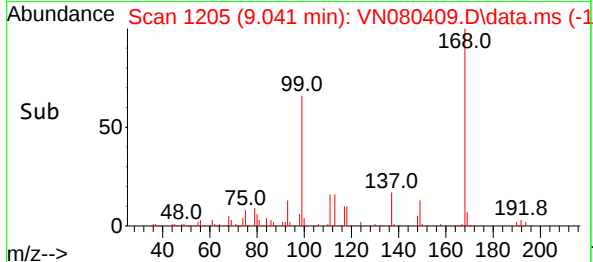
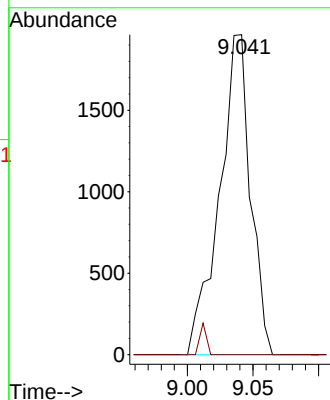
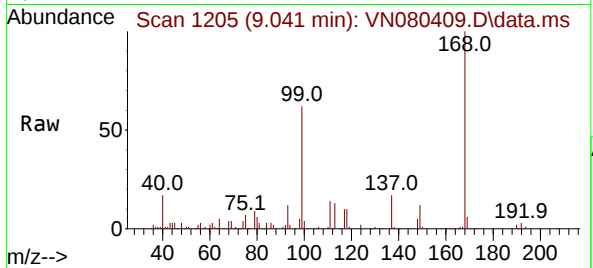




#44
 Trichloroethene
 Concen: 482.383 ug/l
 RT: 9.041 min Scan# 11
 Delta R.T. -0.312 min
 Lab File: VN080409.D
 Acq: 08 Dec 2023 16:22

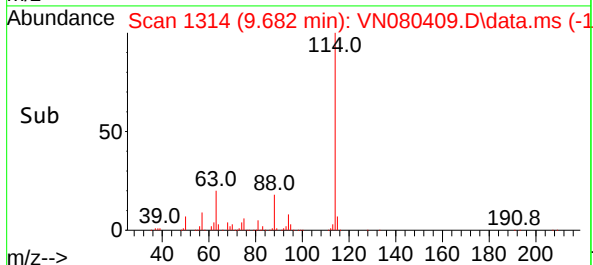
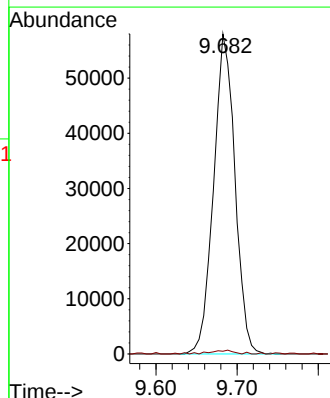
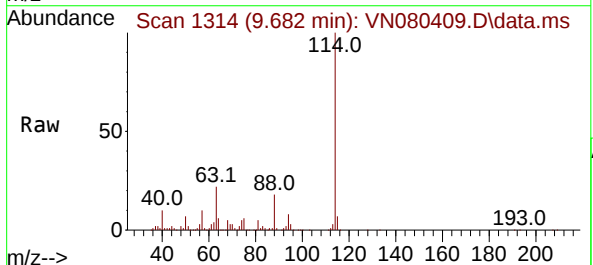
Instrument :
 MSVOA_N
 ClientSampleId :
 50197

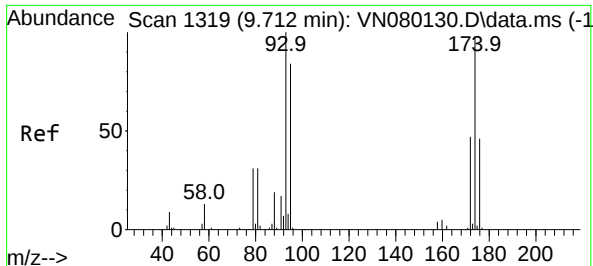
Tgt Ion:130 Resp: 3231
 Ion Ratio Lower Upper
 130 100
 95 0.0 0.0 204.6



#45
 1,2-Dichloropropane
 Concen: 17872.966 ug/l
 RT: 9.682 min Scan# 1314
 Delta R.T. 0.059 min
 Lab File: VN080409.D
 Acq: 08 Dec 2023 16:22

Tgt Ion: 63 Resp: 106058
 Ion Ratio Lower Upper
 63 100
 65 0.8 23.9 35.9#

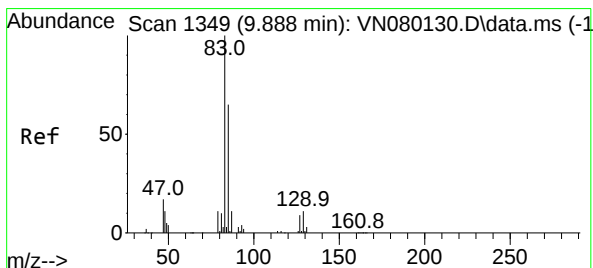
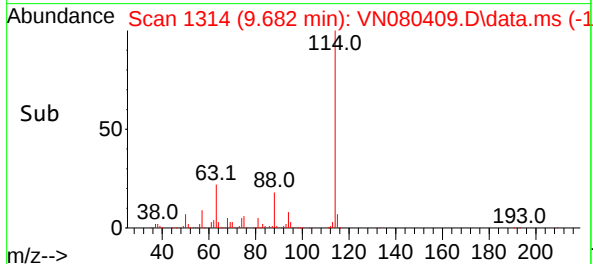
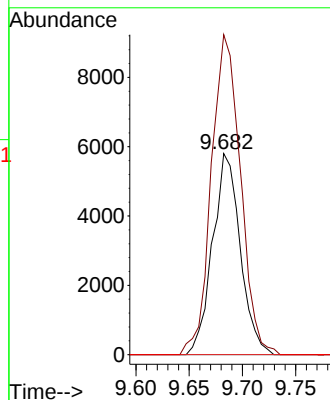
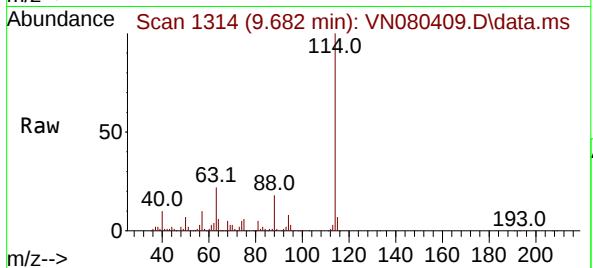




#46
Dibromomethane
Concen: 2331.999 ug/l
RT: 9.682 min Scan# 1139
Delta R.T. -0.029 min
Lab File: VN080409.D
Acq: 08 Dec 2023 16:22

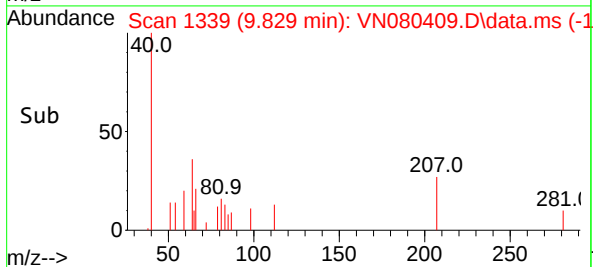
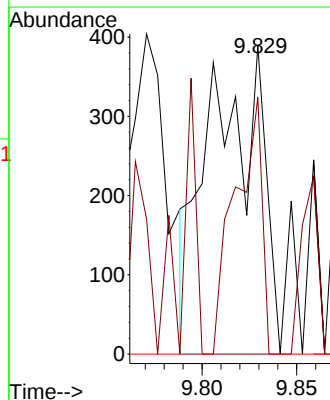
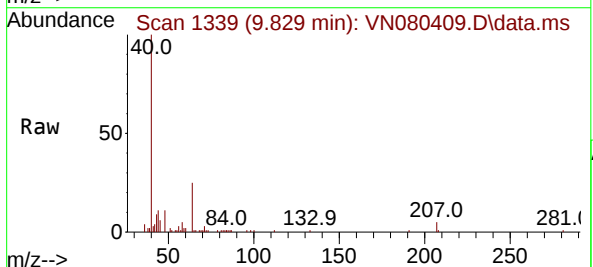
Instrument :
MSVOA_N
ClientSampleId :
50197

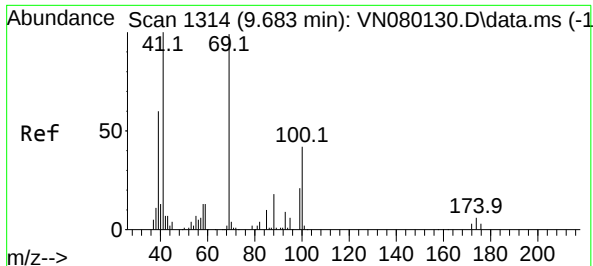
Tgt Ion: 93 Resp: 10475
Ion Ratio Lower Upper
93 100
95 167.6 63.8 95.8#
174 0.0 65.6 98.4#



#47
Bromodichloromethane
Concen: 75.500 ug/l
RT: 9.829 min Scan# 1339
Delta R.T. -0.059 min
Lab File: VN080409.D
Acq: 08 Dec 2023 16:22

Tgt Ion: 83 Resp: 746
Ion Ratio Lower Upper
83 100
85 83.3 49.6 74.4#
127 0.0 7.0 10.6#





#48

Methyl methacrylate

Concen: 1245.214 ug/l

RT: 9.594 min Scan# 11

Delta R.T. -0.088 min

Lab File: VN080409.D

Acq: 08 Dec 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

50197

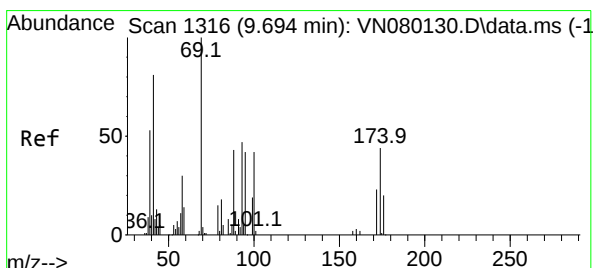
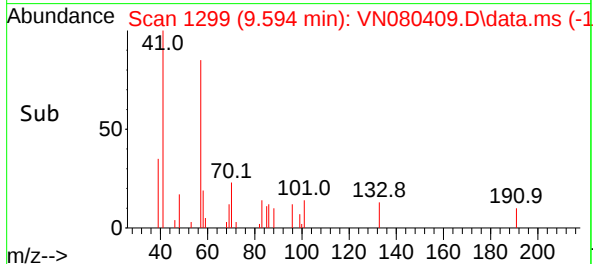
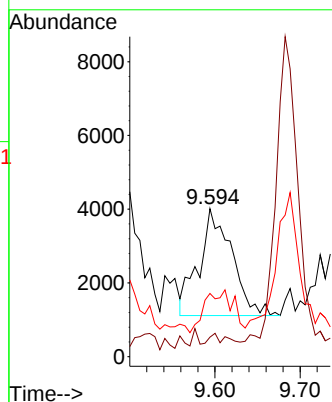
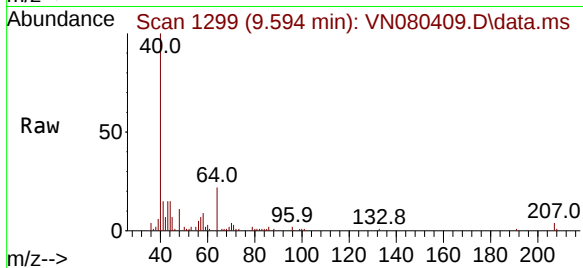
Tgt Ion: 41 Resp: 7782

Ion Ratio Lower Upper

41 100

69 0.0 90.4 135.6#

39 34.0 54.6 81.8#



#49

1,4-Dioxane

Concen: 877260.439 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN080409.D

Acq: 08 Dec 2023 16:22

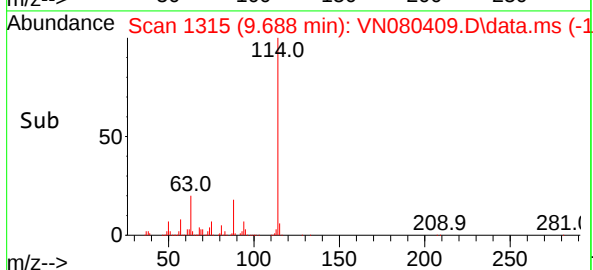
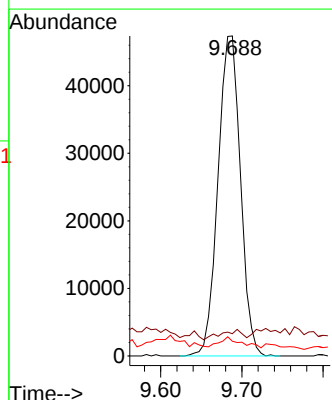
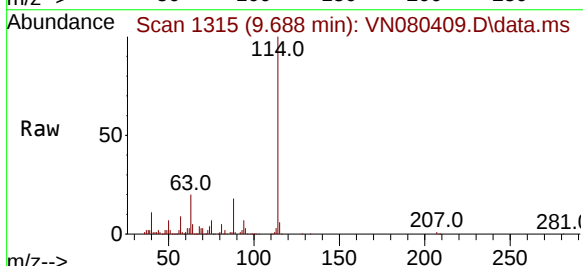
Tgt Ion: 88 Resp: 91207

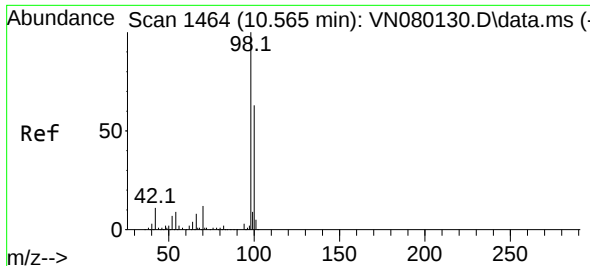
Ion Ratio Lower Upper

88 100

43 2.9 17.0 25.6#

58 3.0 47.0 70.4#

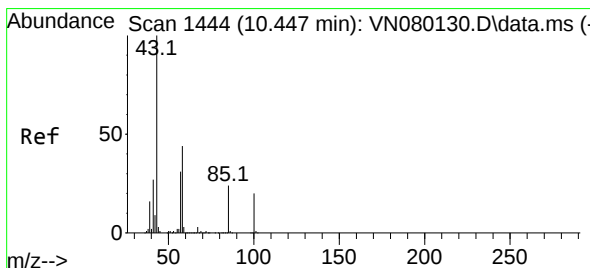
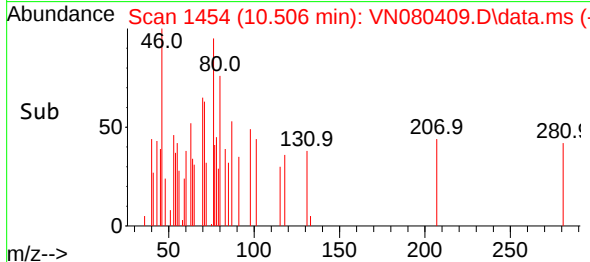
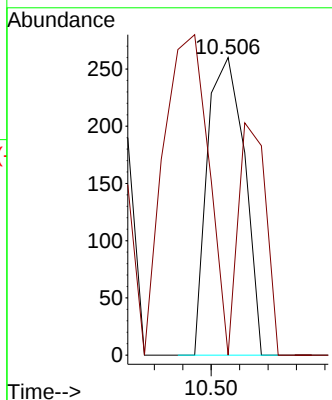
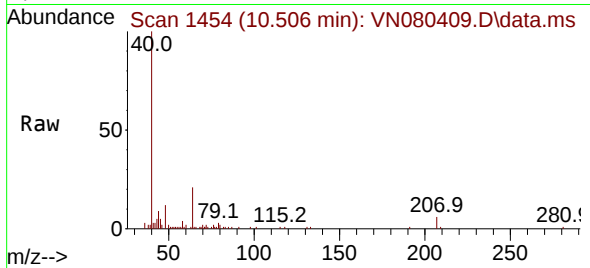




#50
Toluene-d8
Concen: 10.505 ug/l
RT: 10.506 min Scan# 1454
Delta R.T. -0.059 min
Lab File: VN080409.D
Acq: 08 Dec 2023 16:22

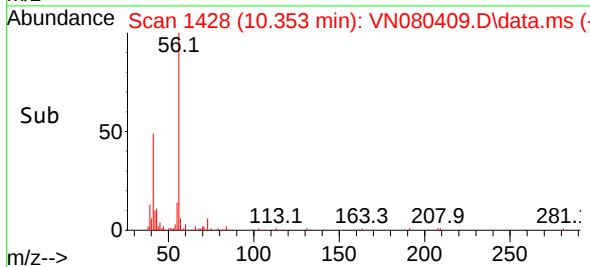
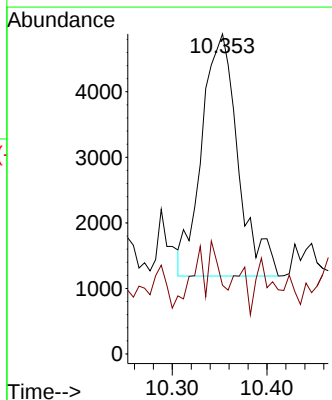
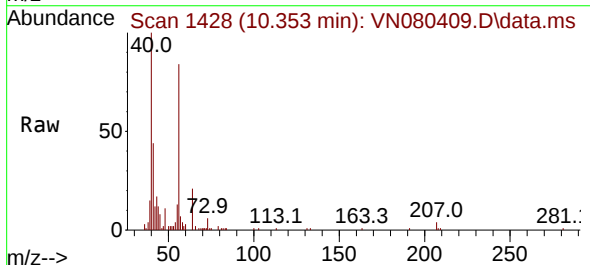
Instrument :
MSVOA_N
ClientSampleId :
50197

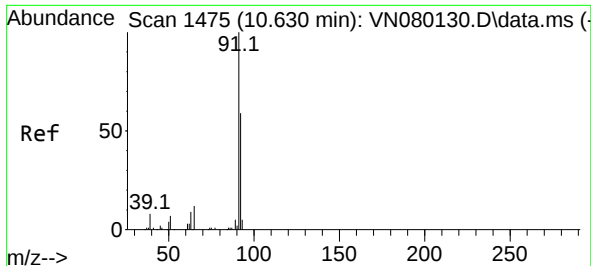
Tgt Ion: 98 Resp: 235
Ion Ratio Lower Upper
98 100
100 57.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1569.658 ug/l
RT: 10.353 min Scan# 1428
Delta R.T. -0.094 min
Lab File: VN080409.D
Acq: 08 Dec 2023 16:22

Tgt Ion: 43 Resp: 9855
Ion Ratio Lower Upper
43 100
58 5.9 36.6 54.8#

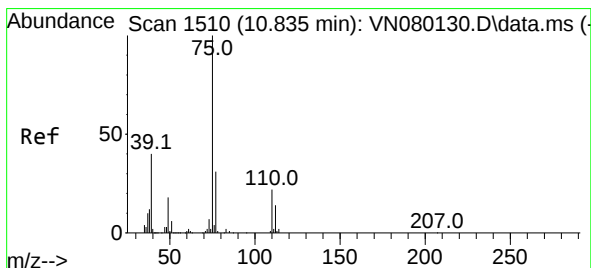
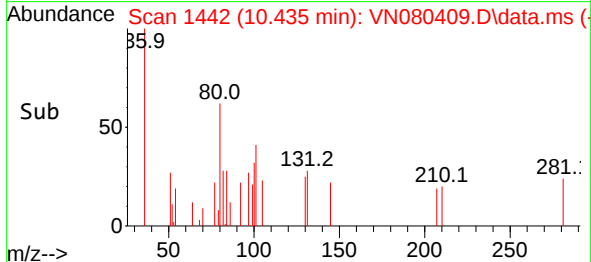
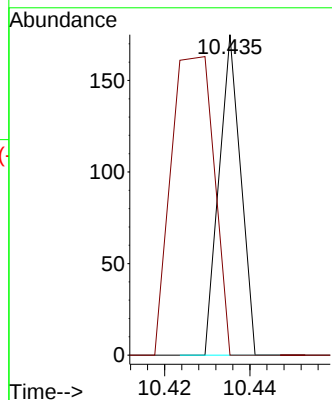
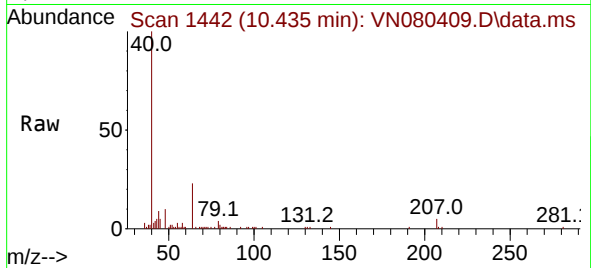




#52
Toluene
Concen: 3.880 ug/l
RT: 10.435 min Scan# 1475
Delta R.T. -0.194 min
Lab File: VN080409.D
Acq: 08 Dec 2023 16:22

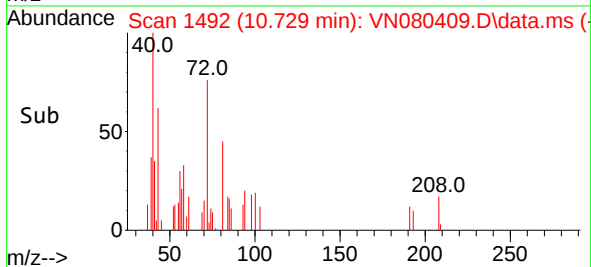
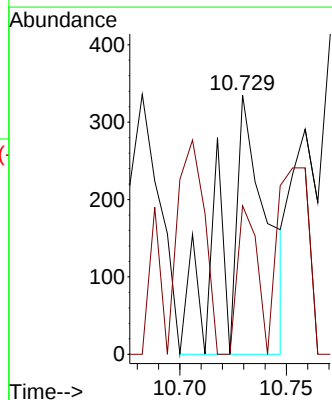
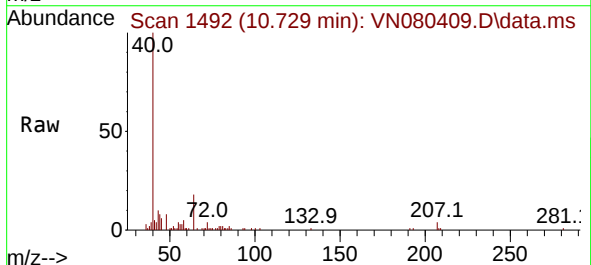
Instrument :
MSVOA_N
ClientSampleId :
50197

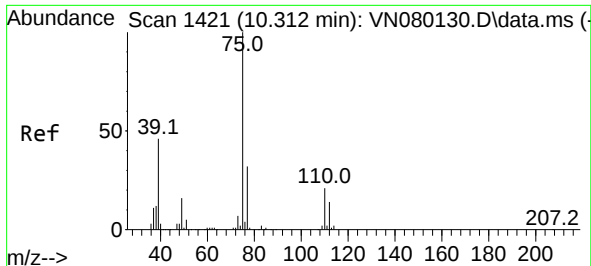
Tgt Ion: 92 Resp: 62
Ion Ratio Lower Upper
92 100
91 183.9 137.4 206.0



#53
t-1,3-Dichloropropene
Concen: 46.002 ug/l
RT: 10.729 min Scan# 1492
Delta R.T. -0.106 min
Lab File: VN080409.D
Acq: 08 Dec 2023 16:22

Tgt Ion: 75 Resp: 467
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

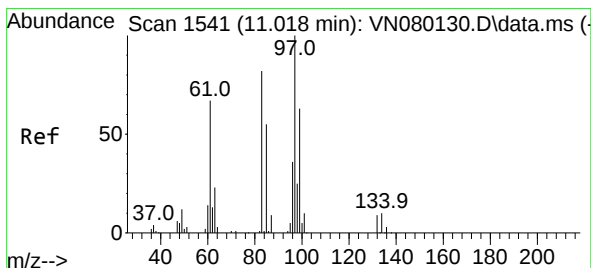
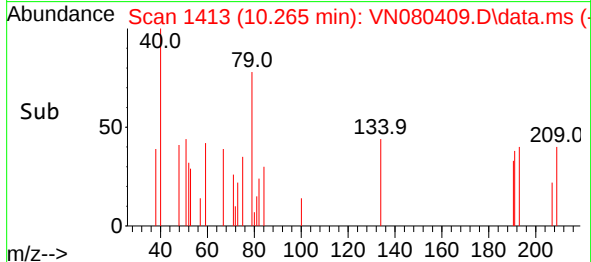
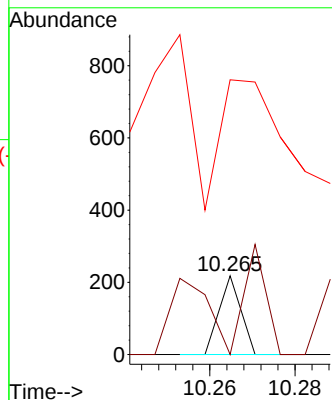
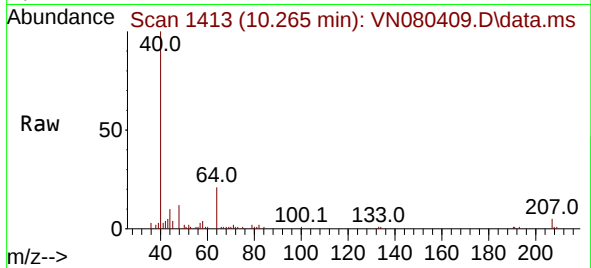




#54
 cis-1,3-Dichloropropene
 Concen: 7.424 ug/l
 RT: 10.265 min Scan# 1413
 Delta R.T. -0.047 min
 Lab File: VN080409.D
 Acq: 08 Dec 2023 16:22

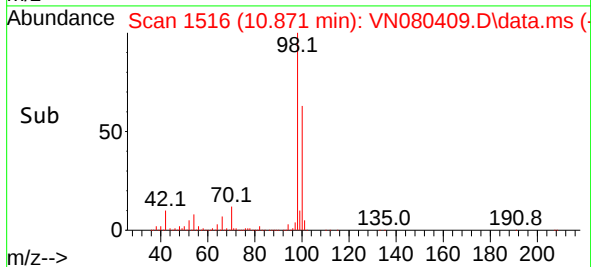
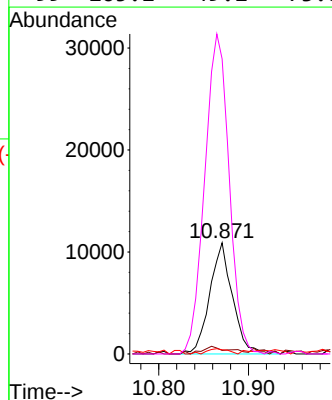
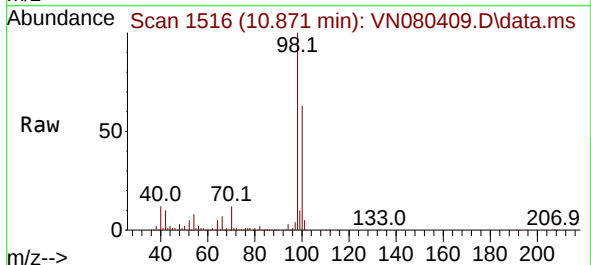
Instrument :
 MSVOA_N
 ClientSampleId :
 50197

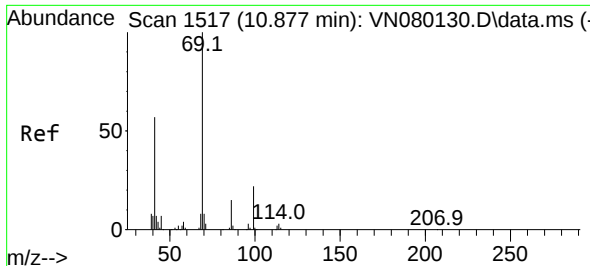
Tgt Ion: 75 Resp: 77
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.1 39.1#
 39 72.5 31.6 47.4#



#55
 1,1,2-Trichloroethane
 Concen: 3179.487 ug/l
 RT: 10.871 min Scan# 1516
 Delta R.T. -0.147 min
 Lab File: VN080409.D
 Acq: 08 Dec 2023 16:22

Tgt Ion: 97 Resp: 19392
 Ion Ratio Lower Upper
 97 100
 83 3.2 65.1 97.7#
 85 0.8 43.4 65.2#
 99 265.2 49.2 73.8#

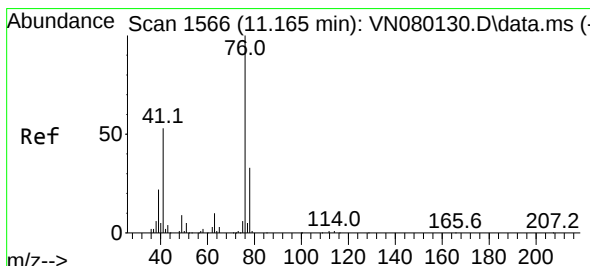
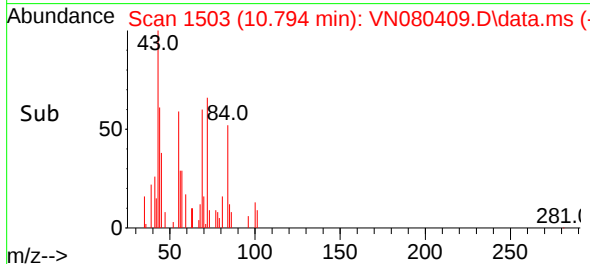
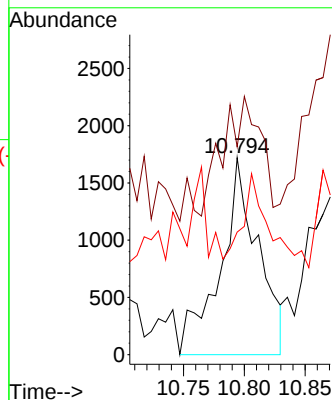
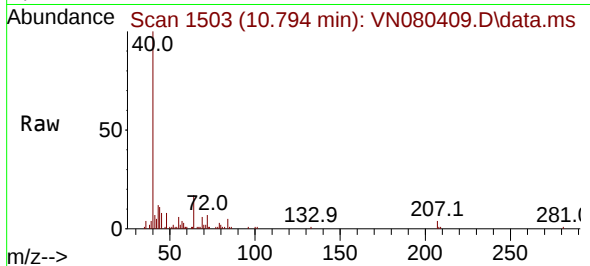




#56
Ethyl methacrylate
Concen: 596.558 ug/l
RT: 10.794 min Scan# 1514
Delta R.T. -0.082 min
Lab File: VN080409.D
Acq: 08 Dec 2023 16:22

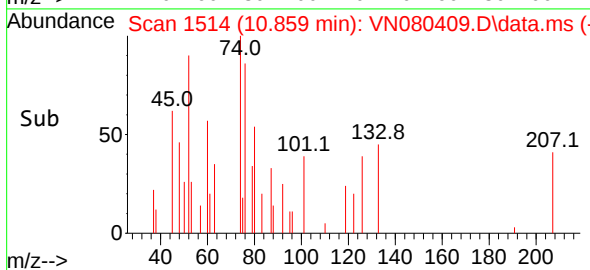
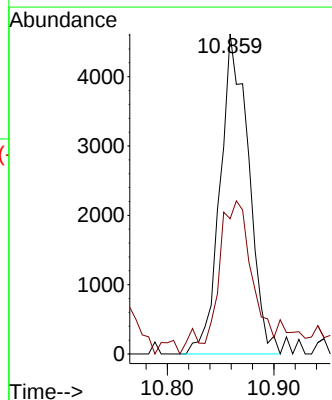
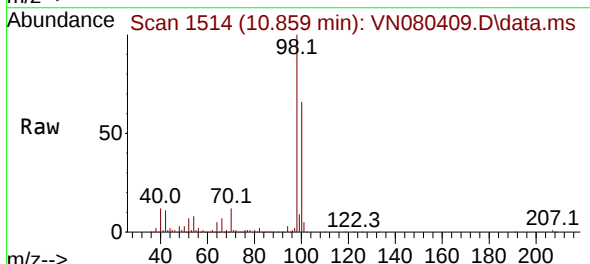
Instrument :
MSVOA_N
ClientSampleId :
50197

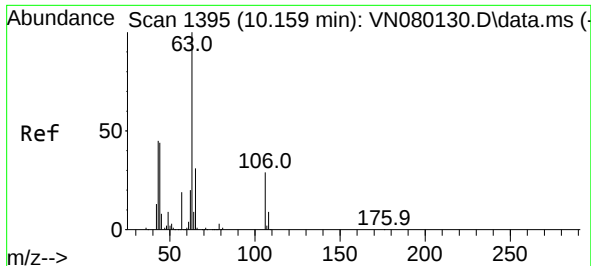
Tgt Ion: 69 Resp: 3717
Ion Ratio Lower Upper
69 100
41 61.2 39.6 59.4#
39 25.1 28.6 43.0#



#57
1,3-Dichloropropane
Concen: 807.140 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.306 min
Lab File: VN080409.D
Acq: 08 Dec 2023 16:22

Tgt Ion: 76 Resp: 8595
Ion Ratio Lower Upper
76 100
78 48.3 26.1 39.1#

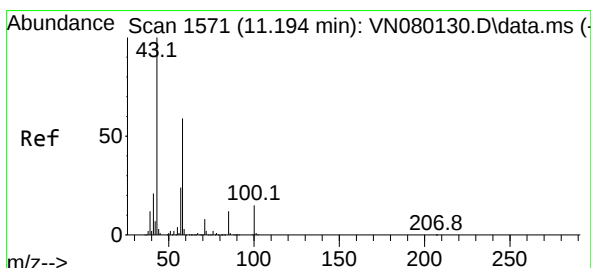
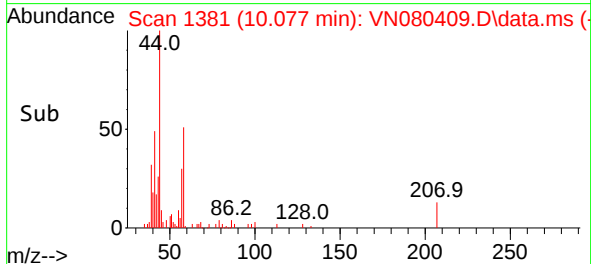
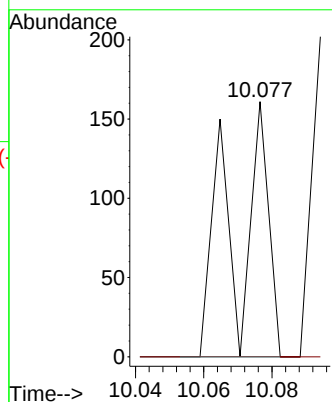
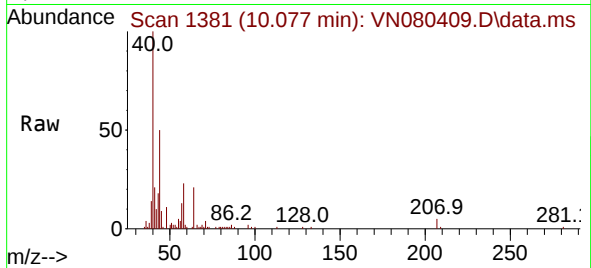




#58
2-Chloroethyl Vinyl ether
Concen: 31.337 ug/l
RT: 10.077 min Scan# 110
Delta R.T. -0.082 min
Lab File: VN080409.D
Acq: 08 Dec 2023 16:22

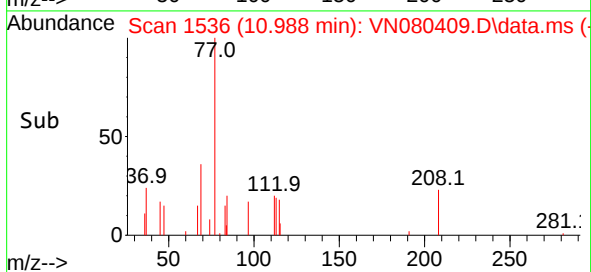
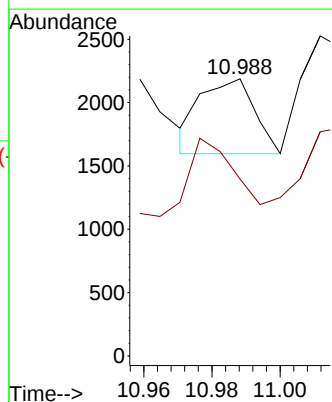
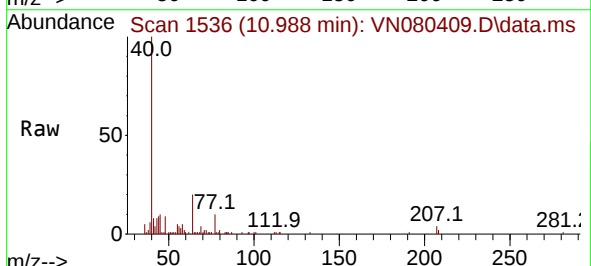
Instrument :
MSVOA_N
ClientSampleId :
50197

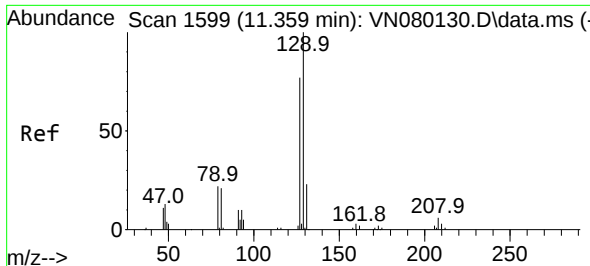
Tgt Ion: 63 Resp: 110
Ion Ratio Lower Upper
63 100
106 0.0 26.2 39.4#



#59
2-Hexanone
Concen: 128.640 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. -0.206 min
Lab File: VN080409.D
Acq: 08 Dec 2023 16:22

Tgt Ion: 43 Resp: 649
Ion Ratio Lower Upper
43 100
58 88.8 31.7 95.1

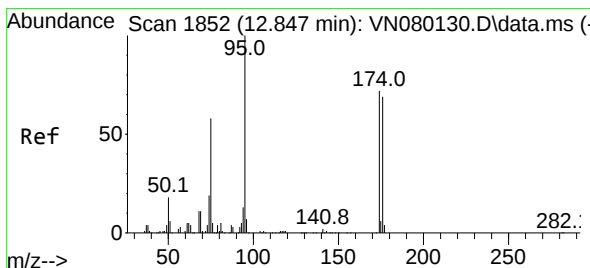
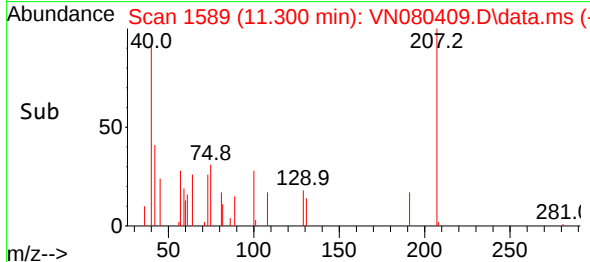
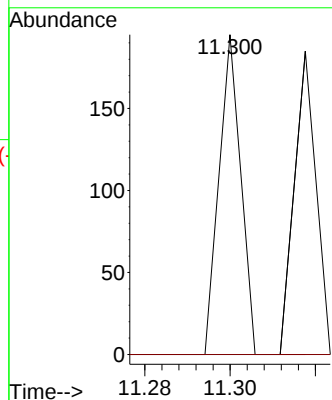
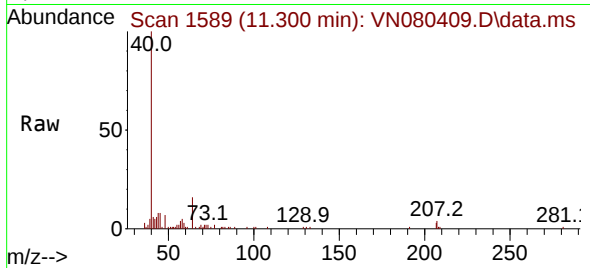




#60
Dibromochloromethane
Concen: 9.450 ug/l
RT: 11.300 min Scan# 11
Delta R.T. -0.059 min
Lab File: VN080409.D
Acq: 08 Dec 2023 16:22

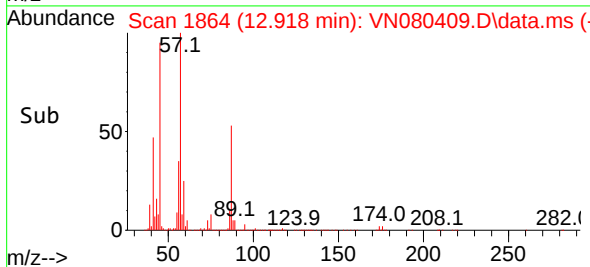
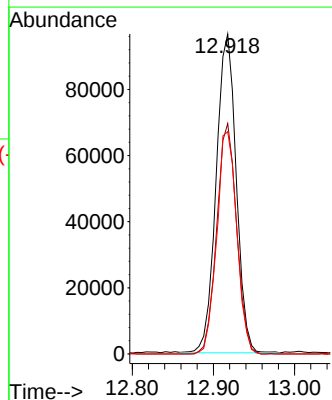
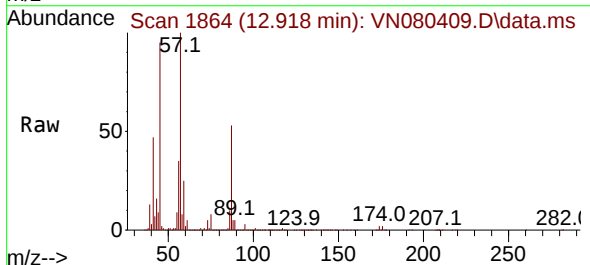
Instrument :
MSVOA_N
ClientSampleId :
50197

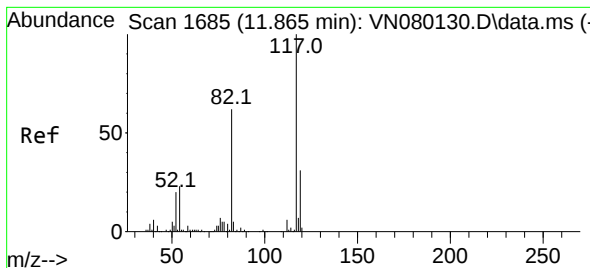
Tgt Ion:129 Resp: 69
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 19578.959 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.070 min
Lab File: VN080409.D
Acq: 08 Dec 2023 16:22

Tgt Ion: 95 Resp: 165429
Ion Ratio Lower Upper
95 100
174 71.7 0.0 143.8
176 69.4 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.006 min Scan# 117

Delta R.T. 0.141 min

Lab File: VN080409.D

Acq: 08 Dec 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

50197

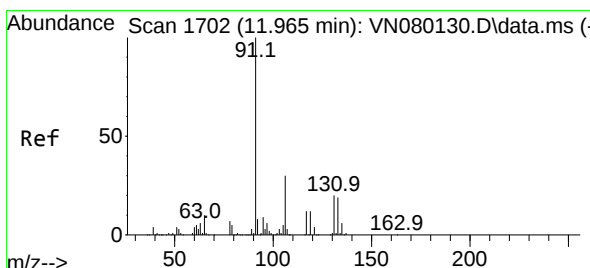
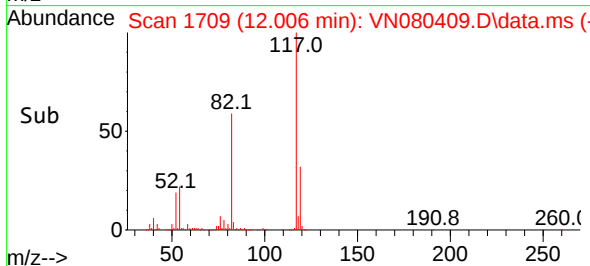
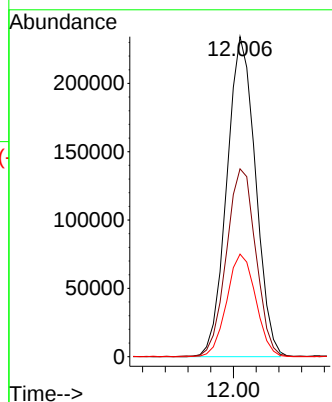
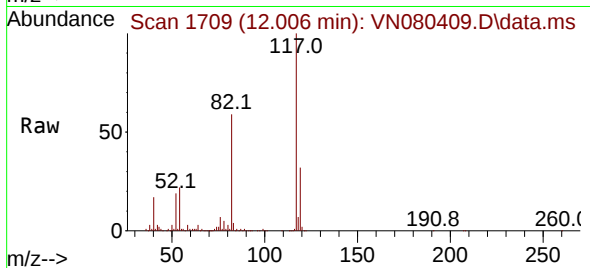
Tgt Ion:117 Resp: 410638

Ion Ratio Lower Upper

117 100

82 58.5 44.0 66.0

119 32.1 25.6 38.4



#67

Ethyl Benzene

Concen: 0.393 ug/l

RT: 12.088 min Scan# 1723

Delta R.T. 0.123 min

Lab File: VN080409.D

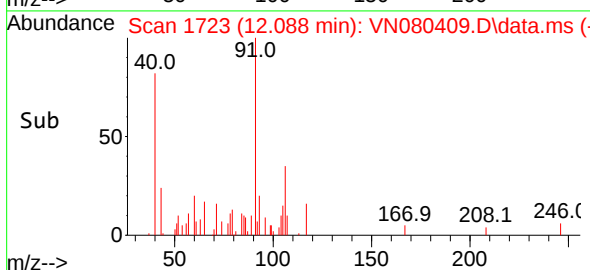
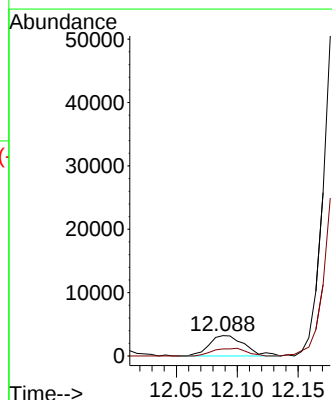
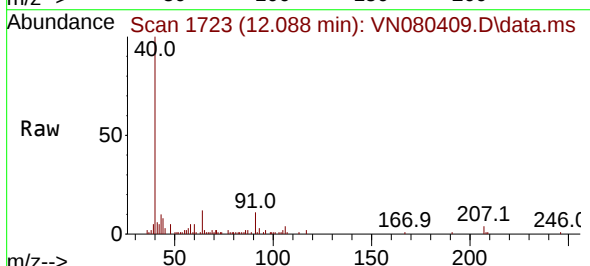
Acq: 08 Dec 2023 16:22

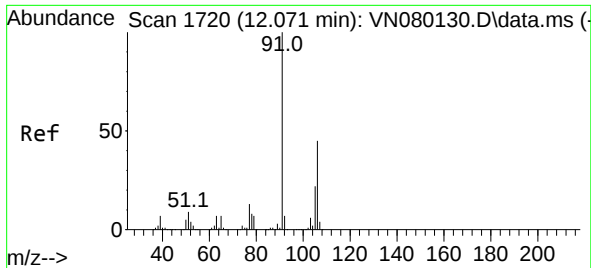
Tgt Ion: 91 Resp: 6511

Ion Ratio Lower Upper

91 100

106 34.8 25.6 38.4

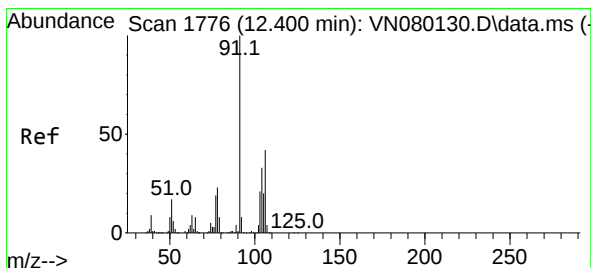
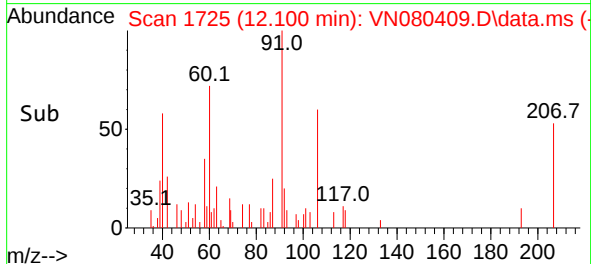
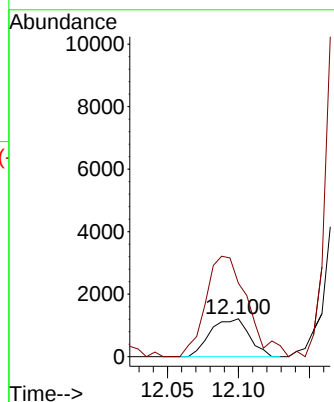
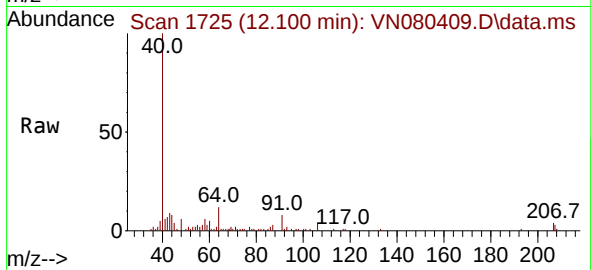




#68
m/p-Xylenes
Concen: 0.381 ug/l
RT: 12.100 min Scan# 1720
Delta R.T. 0.029 min
Lab File: VN080409.D
Acq: 08 Dec 2023 16:22

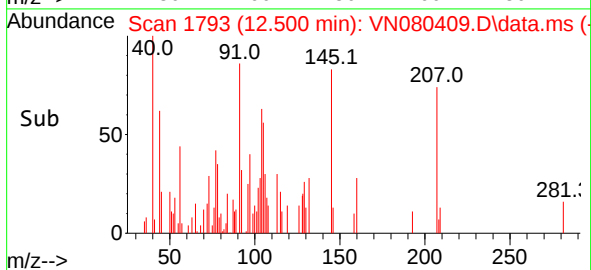
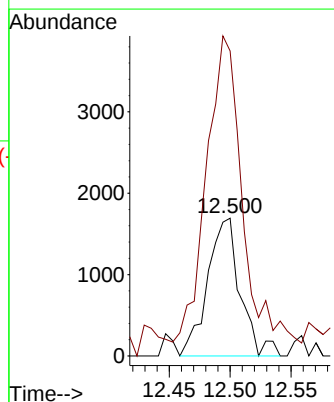
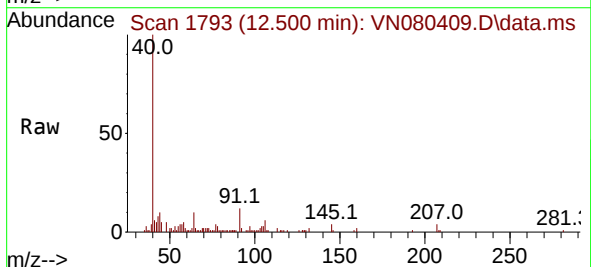
Instrument :
MSVOA_N
ClientSampleId :
50197

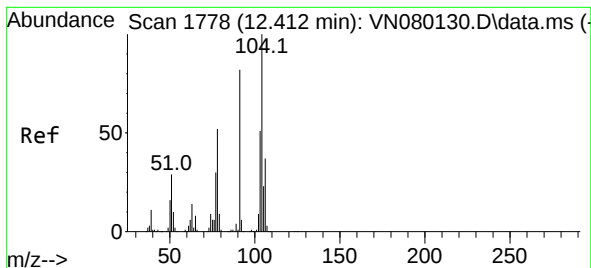
Tgt Ion:106 Resp: 2299
Ion Ratio Lower Upper
106 100
91 283.2 159.6 239.4#



#69
o-Xylene
Concen: 0.555 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.100 min
Lab File: VN080409.D
Acq: 08 Dec 2023 16:22

Tgt Ion:106 Resp: 3158
Ion Ratio Lower Upper
106 100
91 239.9 105.2 315.5





#70

Styrene

Concen: 0.218 ug/l

RT: 12.500 min Scan# 11

Delta R.T. 0.088 min

Lab File: VN080409.D

Acq: 08 Dec 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

50197

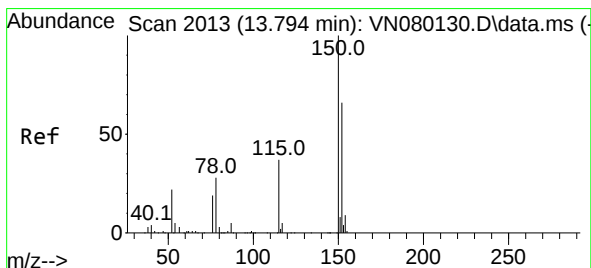
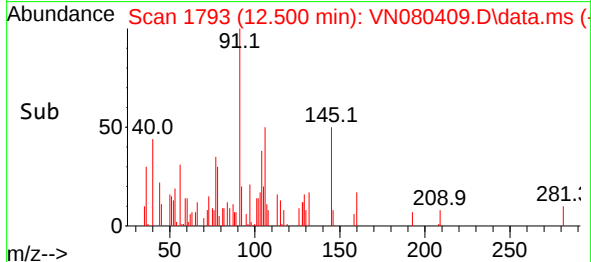
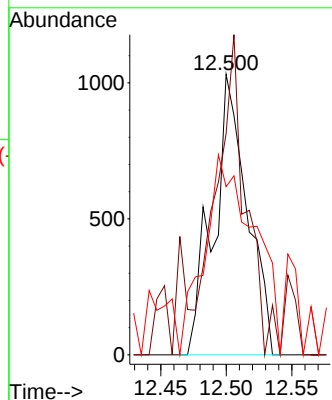
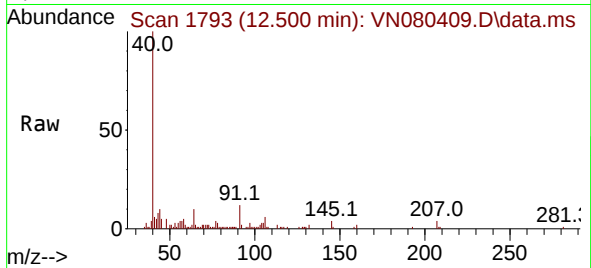
Tgt Ion:104 Resp: 1848

Ion Ratio Lower Upper

104 100

78 97.8 39.5 59.3#

103 104.7 43.2 64.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.823 min Scan# 2018

Delta R.T. 0.029 min

Lab File: VN080409.D

Acq: 08 Dec 2023 16:22

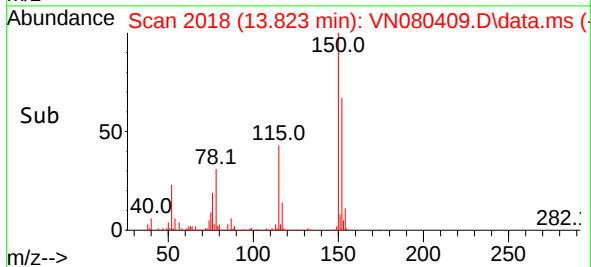
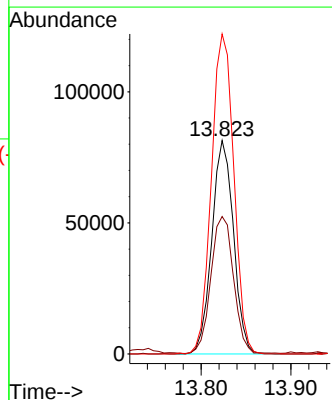
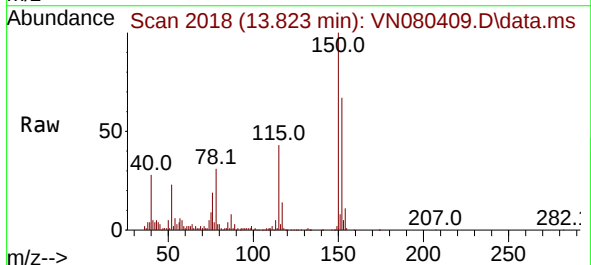
Tgt Ion:152 Resp: 136573

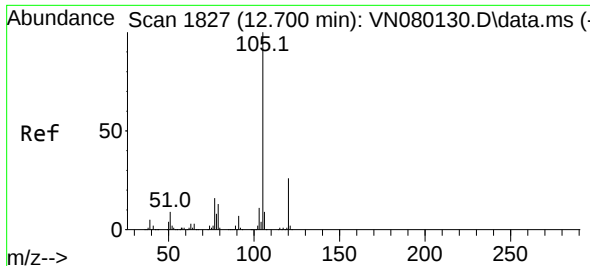
Ion Ratio Lower Upper

152 100

115 66.8 32.3 96.8

150 154.7 0.0 355.8

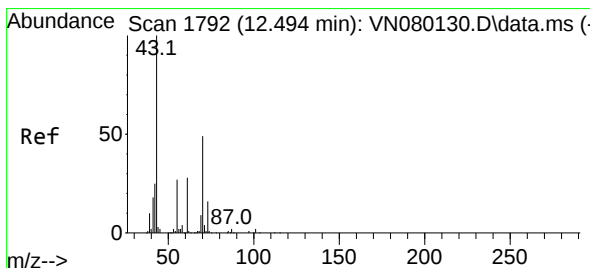
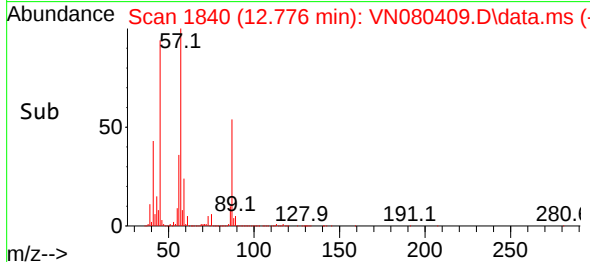
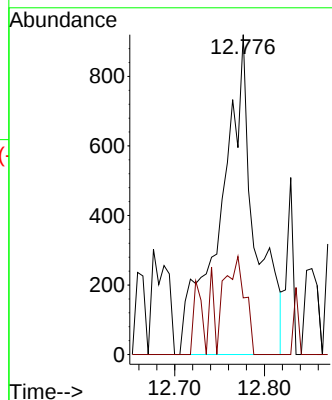
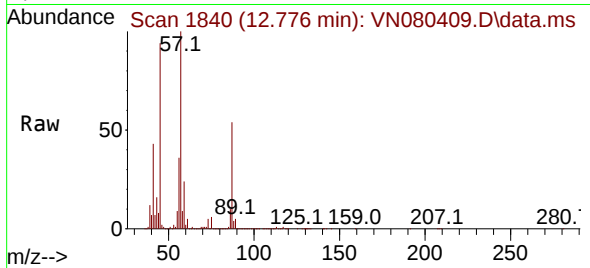




#73
Isopropylbenzene
Concen: 0.229 ug/l
RT: 12.776 min Scan# 1840
Delta R.T. 0.076 min
Lab File: VN080409.D
Acq: 08 Dec 2023 16:22

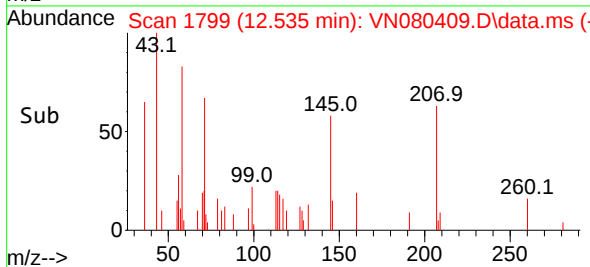
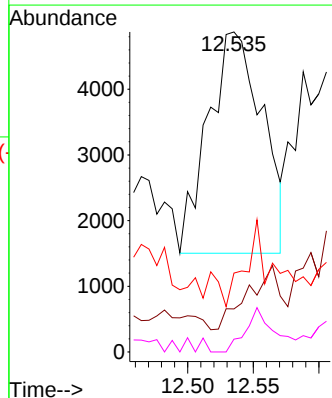
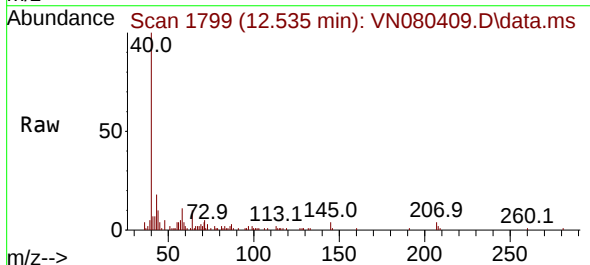
Instrument :
MSVOA_N
ClientSampleId :
50197

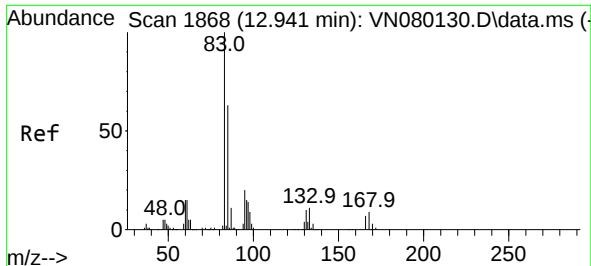
Tgt Ion:105 Resp: 2429
Ion Ratio Lower Upper
105 100
120 18.4 13.1 39.1



#74
N-ethyl acetate
Concen: 2.928 ug/l
RT: 12.535 min Scan# 1799
Delta R.T. 0.041 min
Lab File: VN080409.D
Acq: 08 Dec 2023 16:22

Tgt Ion: 43 Resp: 9689
Ion Ratio Lower Upper
43 100
70 0.0 43.4 65.2#
55 0.0 21.4 32.0#
61 0.0 22.8 34.2#

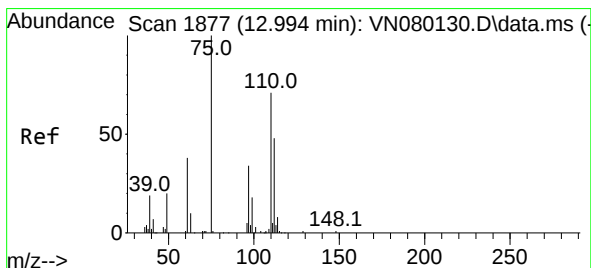
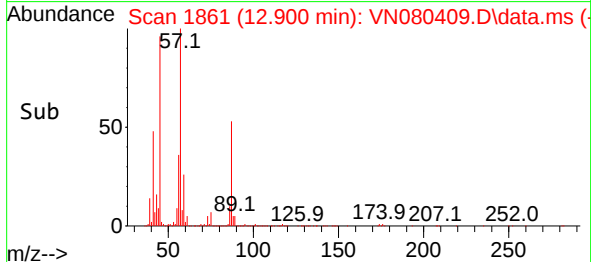
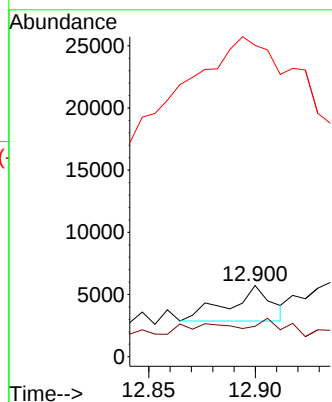
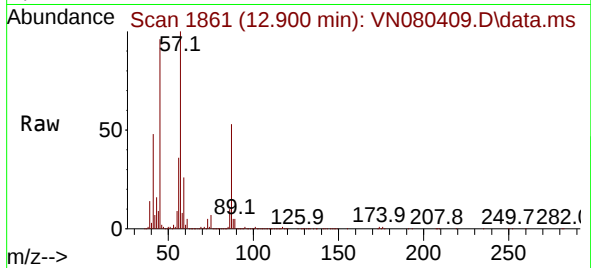




#75
1,1,2,2-Tetrachloroethane
Concen: 1.249 ug/l
RT: 12.900 min Scan# 1861
Delta R.T. -0.041 min
Lab File: VN080409.D
Acq: 08 Dec 2023 16:22

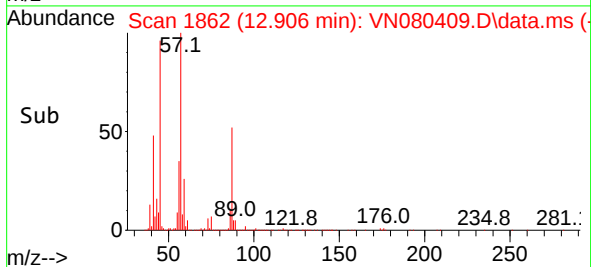
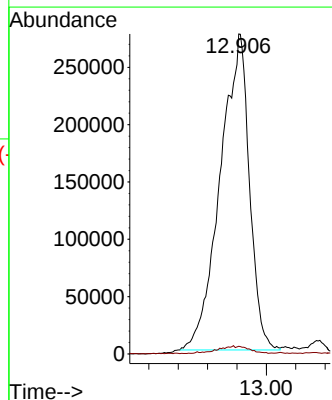
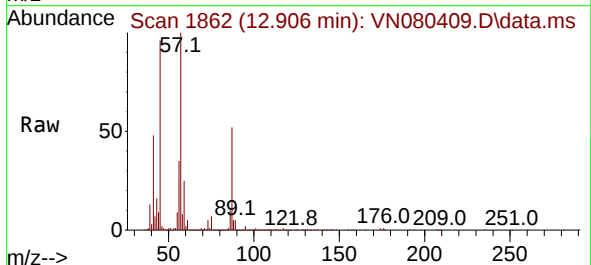
Instrument :
MSVOA_N
ClientSampleId :
50197

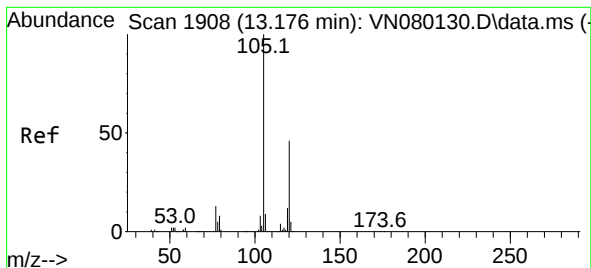
Tgt Ion: 83 Resp: 3966
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 4934.8 31.9 95.7#



#76
1,2,3-Trichloropropane
Concen: 566.597 ug/l
RT: 12.906 min Scan# 1862
Delta R.T. -0.088 min
Lab File: VN080409.D
Acq: 08 Dec 2023 16:22

Tgt Ion: 75 Resp: 1895988
Ion Ratio Lower Upper
75 100
77 1.0 84.5 253.5#





#80

1,3,5-Trimethylbenzene

Concen: 0.302 ug/l

RT: 13.141 min Scan# 1908

Delta R.T. -0.035 min

Lab File: VN080409.D

Acq: 08 Dec 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

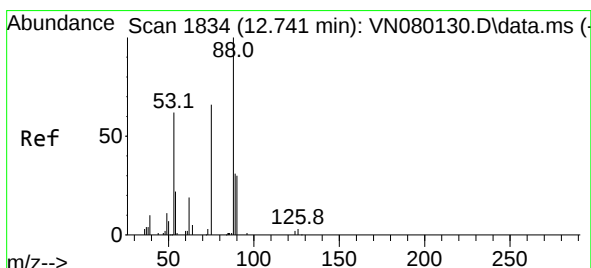
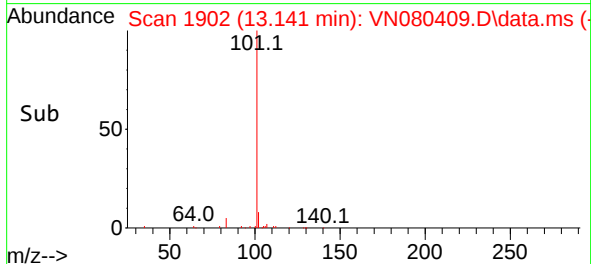
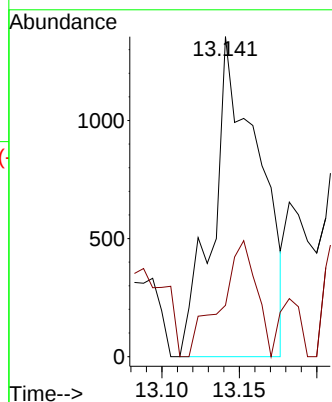
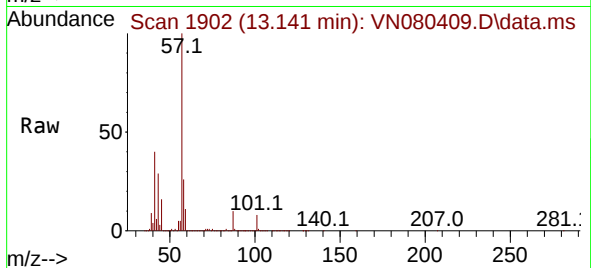
50197

Tgt Ion:105 Resp: 2792

Ion Ratio Lower Upper

105 100

120 28.0 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 1985.607 ug/l

RT: 12.906 min Scan# 1862

Delta R.T. 0.165 min

Lab File: VN080409.D

Acq: 08 Dec 2023 16:22

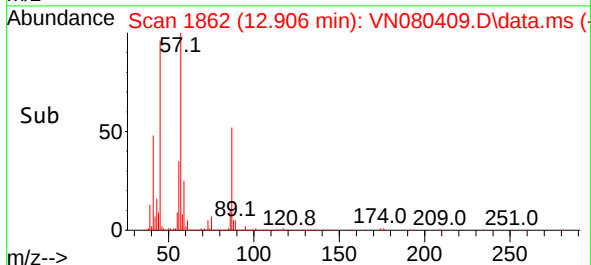
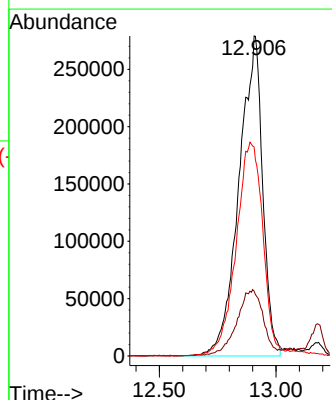
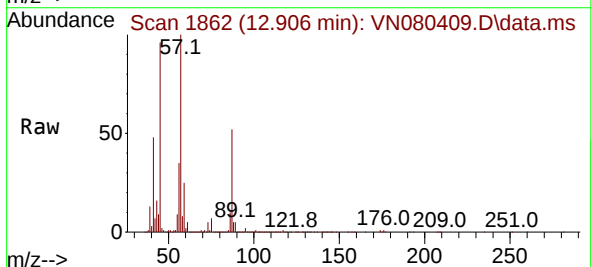
Tgt Ion: 75 Resp: 1966615

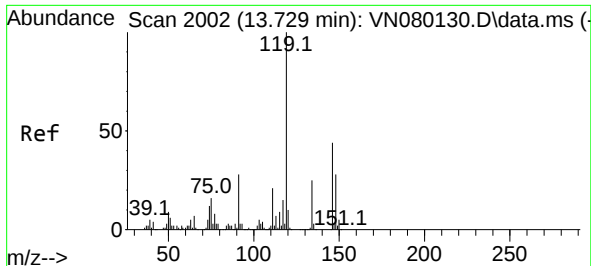
Ion Ratio Lower Upper

75 100

53 22.6 67.4 101.2#

89 74.7 38.8 58.2#

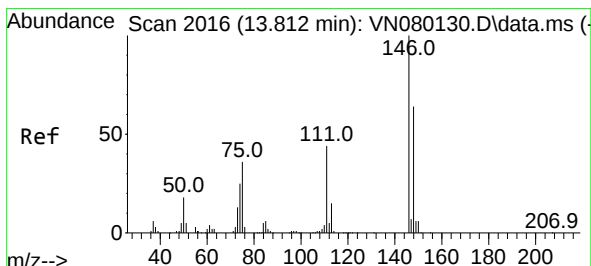
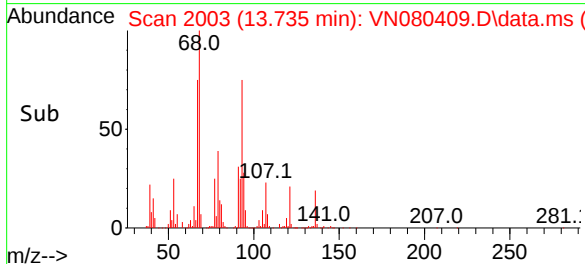
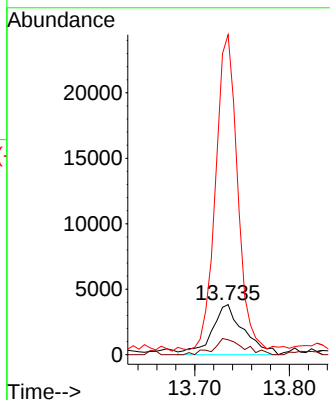
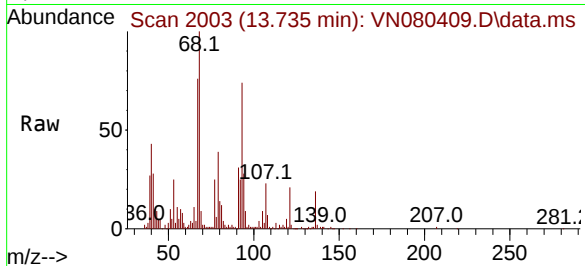




#86
p-Isopropyltoluene
Concen: 1.059 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN080409.D
Acq: 08 Dec 2023 16:22

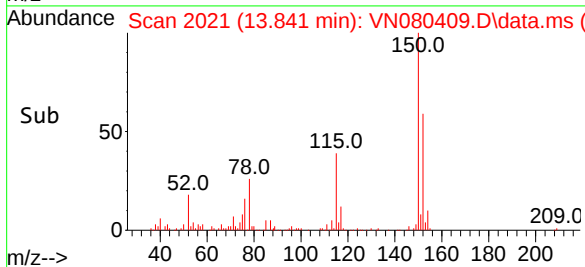
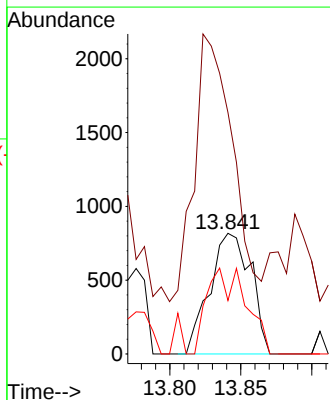
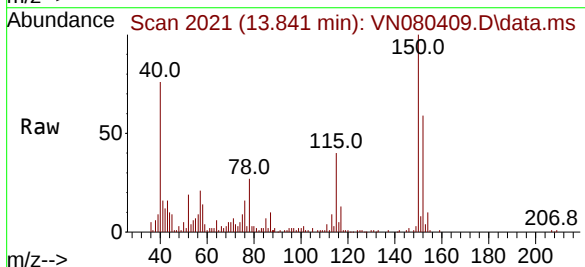
Instrument :
MSVOA_N
ClientSampleId :
50197

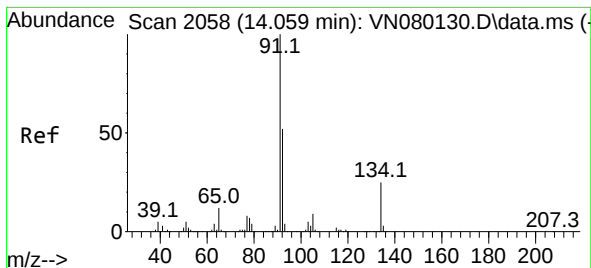
Tgt Ion:119 Resp: 8870
Ion Ratio Lower Upper
119 100
134 30.2 12.6 37.8
91 445.0 12.4 37.2#



#88
1,4-Dichlorobenzene
Concen: 0.341 ug/l
RT: 13.841 min Scan# 2021
Delta R.T. 0.029 min
Lab File: VN080409.D
Acq: 08 Dec 2023 16:22

Tgt Ion:146 Resp: 1651
Ion Ratio Lower Upper
146 100
111 218.0 20.6 61.8#
148 67.7 31.6 94.8





#89

n-Butylbenzene

Concen: 0.325 ug/l

RT: 14.082 min Scan# 2101

Delta R.T. 0.023 min

Lab File: VN080409.D

Acq: 08 Dec 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

50197

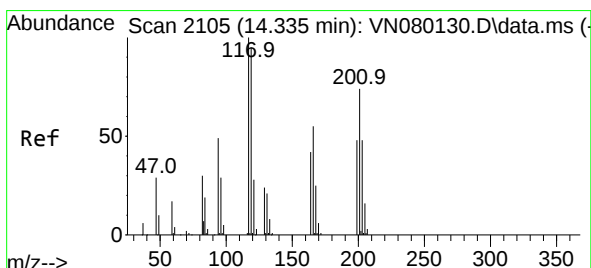
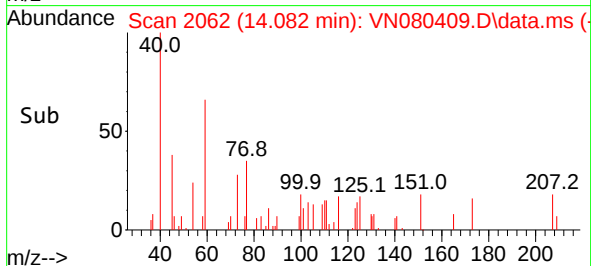
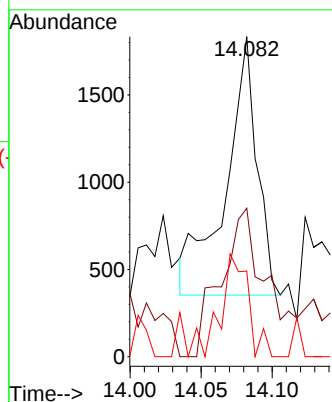
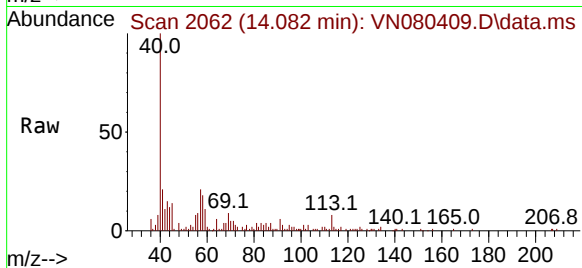
Tgt Ion: 91 Resp: 2278

Ion Ratio Lower Upper

91 100

92 83.9 26.4 79.0#

134 33.2 12.6 37.6



#90

Hexachloroethane

Concen: 0.426 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. -0.024 min

Lab File: VN080409.D

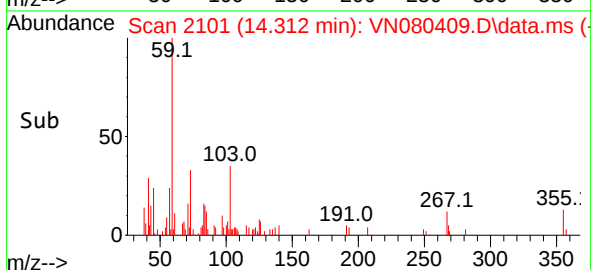
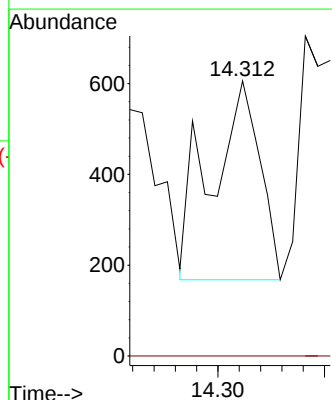
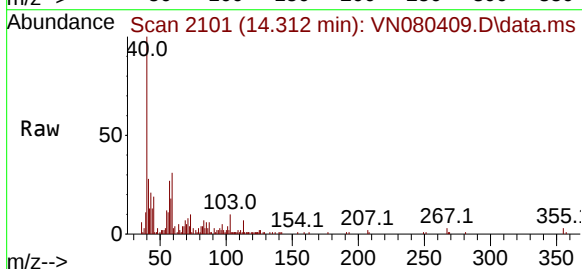
Acq: 08 Dec 2023 16:22

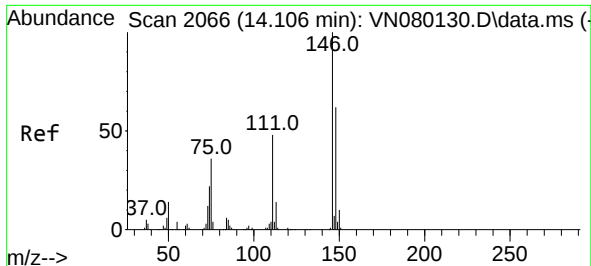
Tgt Ion: 117 Resp: 696

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#





#91

1,2-Dichlorobenzene

Concen: 0.302 ug/l

RT: 14.135 min Scan# 2066

Delta R.T. 0.029 min

Lab File: VN080409.D

Acq: 08 Dec 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

50197

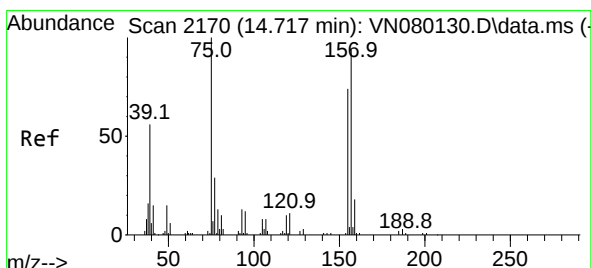
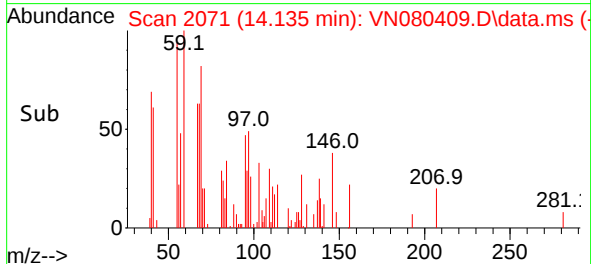
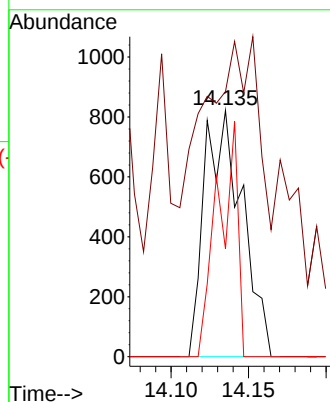
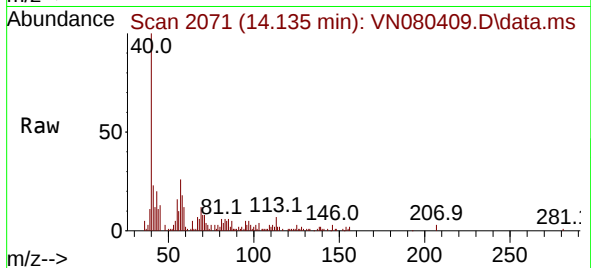
Tgt Ion:146 Resp: 1391

Ion Ratio Lower Upper

146 100

111 100.4 22.0 66.0#

148 50.5 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.761 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN080409.D

Acq: 08 Dec 2023 16:22

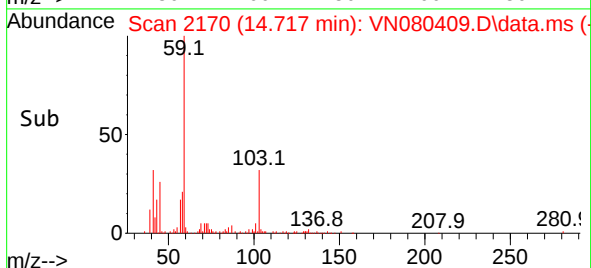
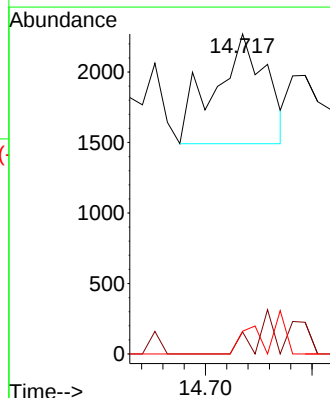
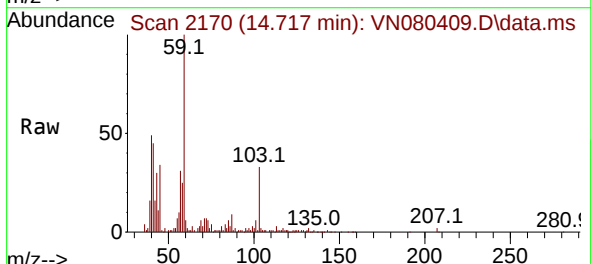
Tgt Ion: 75 Resp: 1299

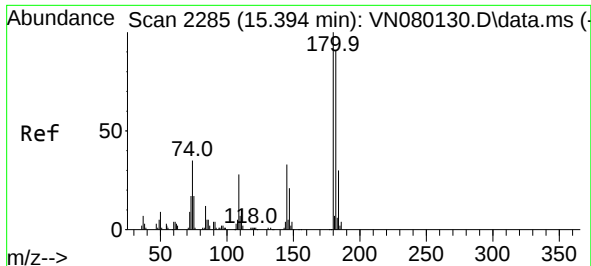
Ion Ratio Lower Upper

75 100

155 12.9 39.1 117.2#

157 9.8 50.3 150.9#

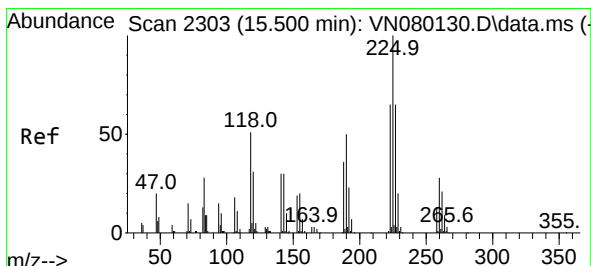
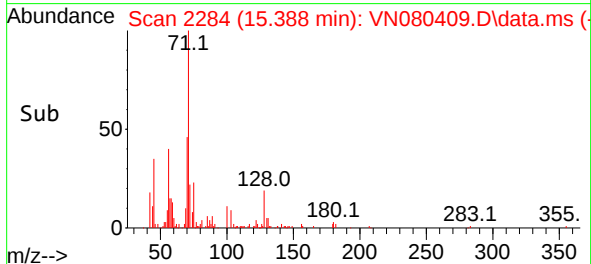
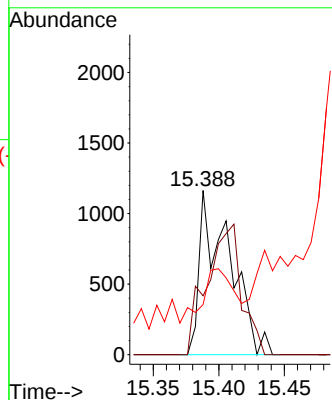
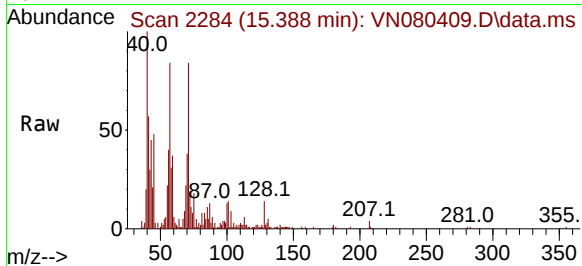




#93
1,2,4-Trichlorobenzene
Concen: 0.691 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN080409.D
Acq: 08 Dec 2023 16:22

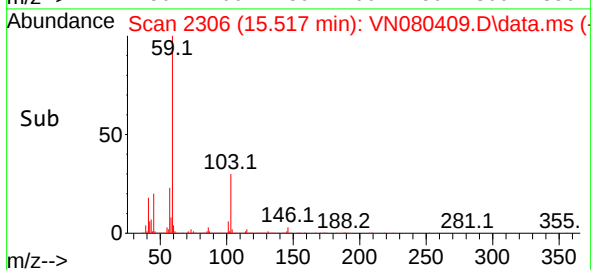
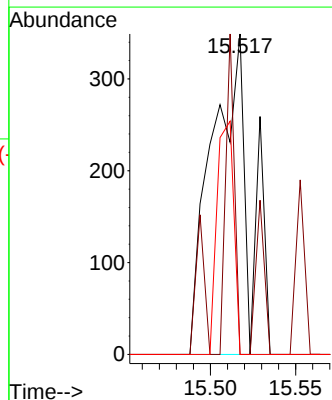
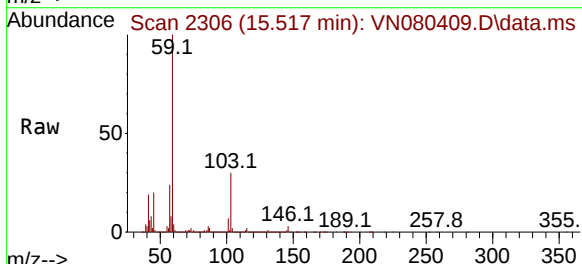
Instrument :
MSVOA_N
ClientSampleId :
50197

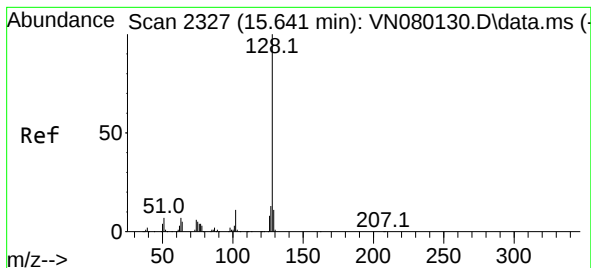
Tgt Ion:180 Resp: 1854
Ion Ratio Lower Upper
180 100
182 0.0 46.1 138.2#
145 0.0 16.6 49.8#



#94
Hexachlorobutadiene
Concen: 0.344 ug/l
RT: 15.517 min Scan# 2306
Delta R.T. 0.017 min
Lab File: VN080409.D
Acq: 08 Dec 2023 16:22

Tgt Ion:225 Resp: 531
Ion Ratio Lower Upper
225 100
223 23.2 31.3 93.8#
227 32.6 31.9 95.9





#95

Naphthalene

Concen: 9.611 ug/l

RT: 15.653 min Scan# 2329

Delta R.T. 0.012 min

Lab File: VN080409.D

Acq: 08 Dec 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

50197

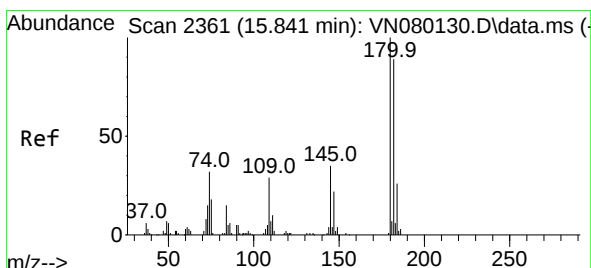
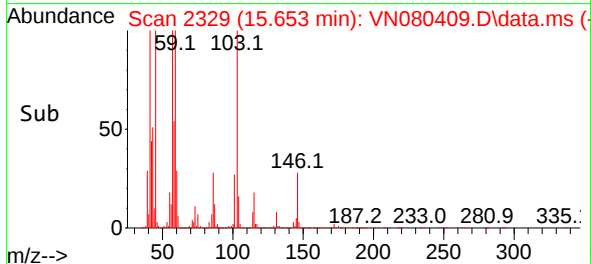
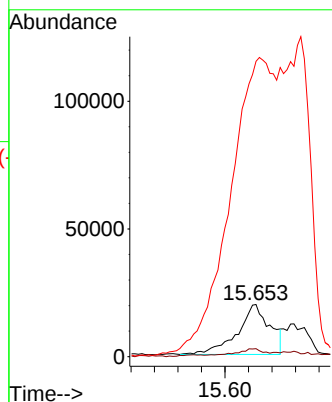
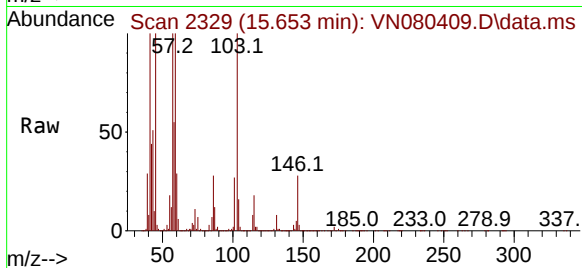
Tgt Ion:128 Resp: 74776

Ion Ratio Lower Upper

128 100

127 8.3 10.0 15.0#

129 835.5 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.595 ug/l

RT: 15.870 min Scan# 2366

Delta R.T. 0.029 min

Lab File: VN080409.D

Acq: 08 Dec 2023 16:22

Tgt Ion:180 Resp: 1496

Ion Ratio Lower Upper

180 100

182 92.0 46.2 138.6

145 0.0 17.5 52.6#

