

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080416.D
 Acq On : 08 Dec 2023 19:08
 Operator : JC\MD
 Sample : 05718-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 08 22:45:07 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)

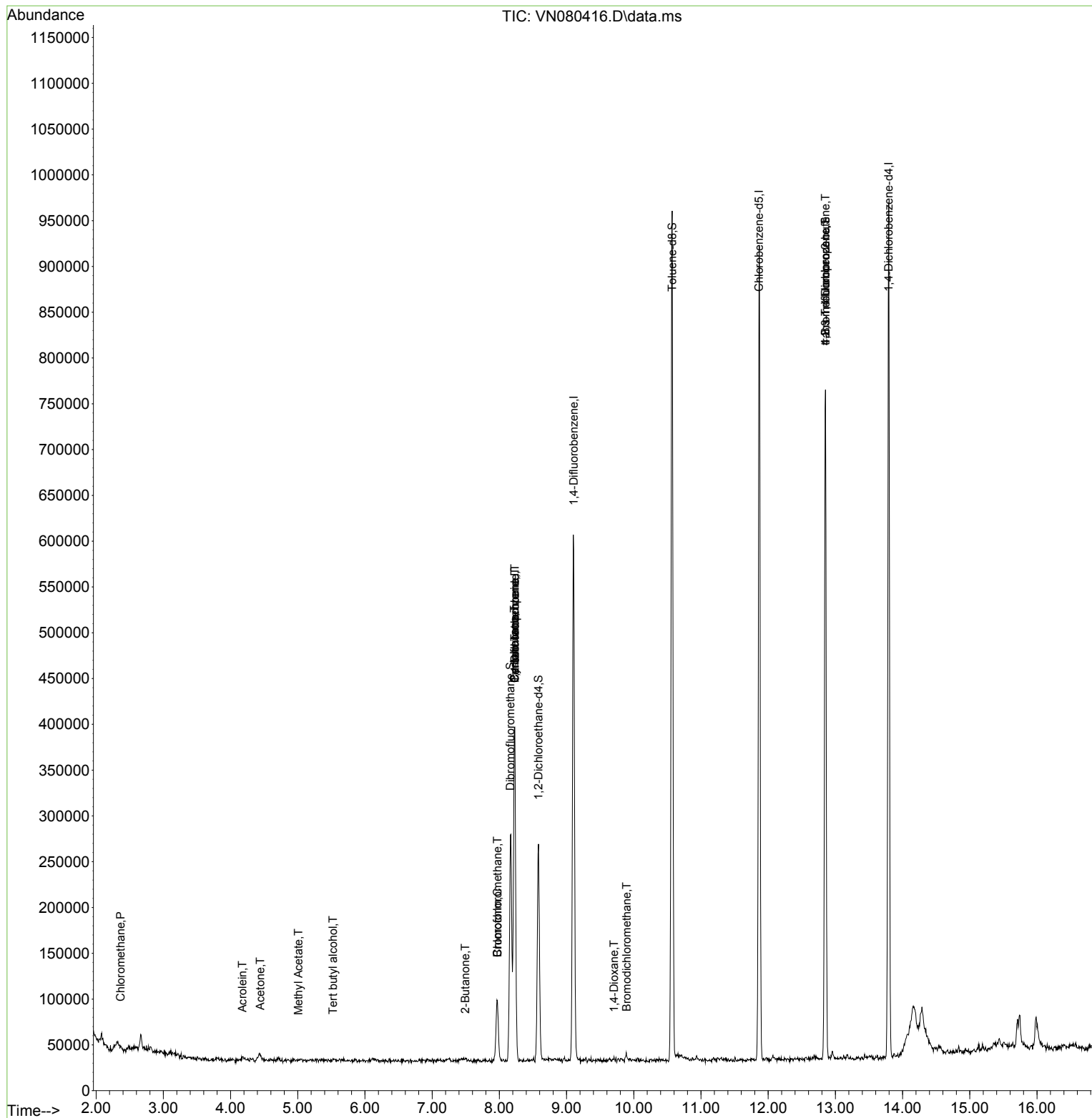
Internal Standards						
1) Pentafluorobenzene	8.230	168	267653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	498463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	514735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	247828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	201548	45.606	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	91.220%	
35) Dibromofluoromethane	8.165	113	177201	48.179	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.360%	
50) Toluene-d8	10.571	98	658057	49.633	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	99.260%	
62) 4-Bromofluorobenzene	12.853	95	271999	54.314	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	108.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	4765	1.590	ug/l #	79
6) Chloroethane	3.100	64	1611	Below Cal	#	50
11) Tert butyl alcohol	5.524	59	108	0.222	ug/l #	1
13) Acrolein	4.177	56	2188	5.087	ug/l #	23
16) Acetone	4.442	43	13714	9.239	ug/l	94
18) Methyl Acetate	5.012	43	1266	0.265	ug/l #	87
25) 2-Butanone	7.494	43	5259	2.982	ug/l	88
28) Bromochloromethane	7.971	49	4753	2.108	ug/l #	5
30) Chloroform	7.971	83	68044	10.615	ug/l	95
31) Cyclohexane	8.224	56	5611	1.167	ug/l #	43
36) 1,1-Dichloropropene	8.230	75	21341	4.008	ug/l #	49
38) Carbon Tetrachloride	8.230	117	30086	4.452	ug/l #	15
47) Bromodichloromethane	9.894	83	4843	0.827	ug/l #	83
49) 1,4-Dioxane	9.706	88	840	13.631	ug/l #	44
76) 1,2,3-Trichloropropane	12.853	75	141608	23.321	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	141608	78.791	ug/l #	15

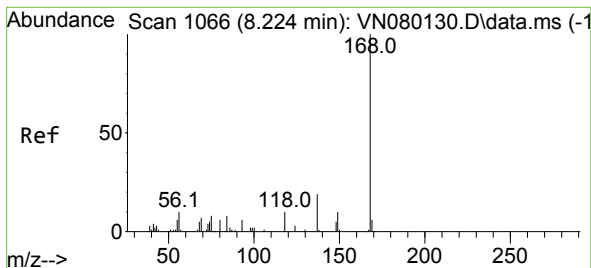
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1

Delta R.T. 0.006 min

Lab File: VN080416.D

Acq: 08 Dec 2023 19:08

Instrument :

MSVOA_N

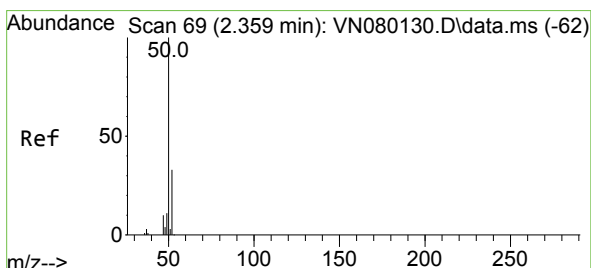
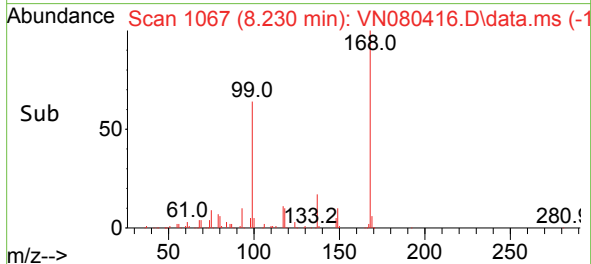
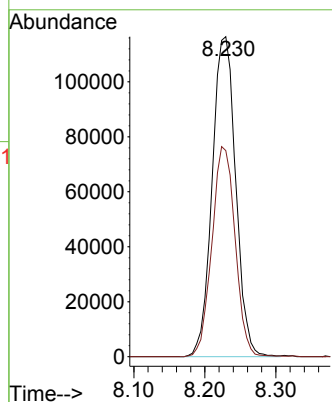
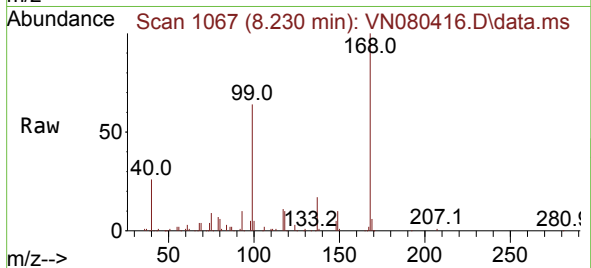
ClientSampleId :

Tgt Ion:168 Resp: 267653

Ion Ratio Lower Upper

168 100

99 64.4 53.0 79.6



#3

Chloromethane

Concen: 1.590 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080416.D

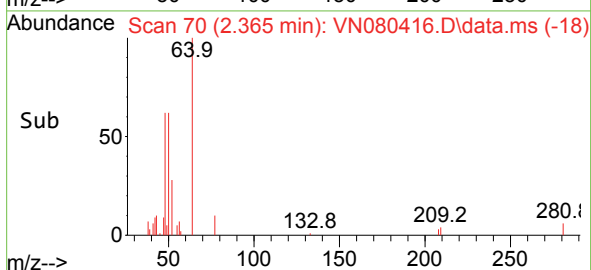
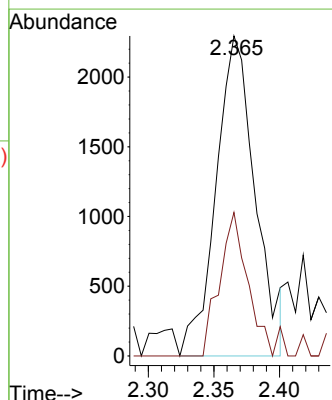
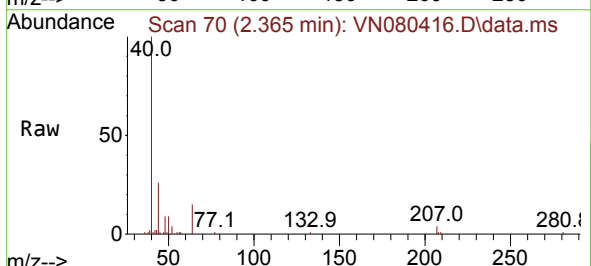
Acq: 08 Dec 2023 19:08

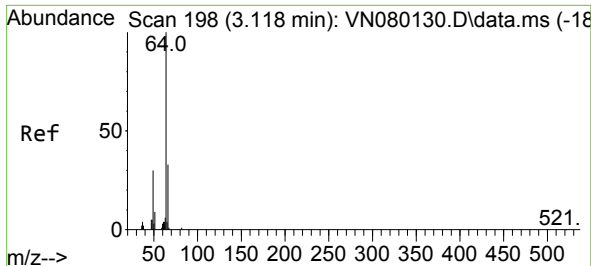
Tgt Ion: 50 Resp: 4765

Ion Ratio Lower Upper

50 100

52 44.8 26.5 39.7#

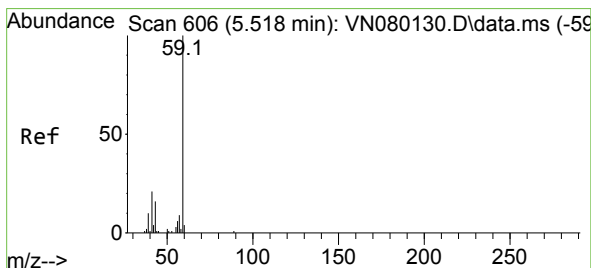
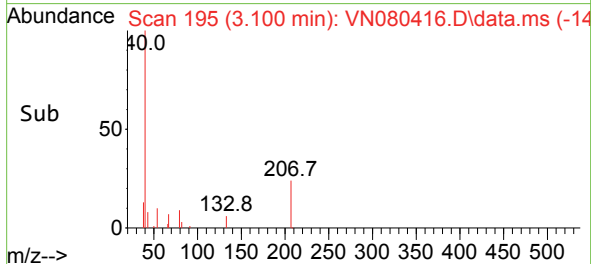
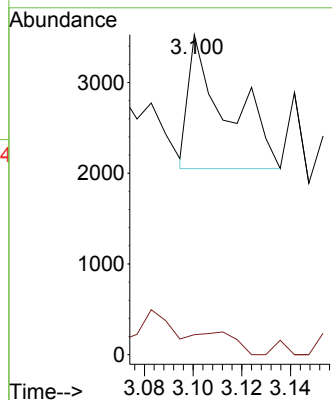
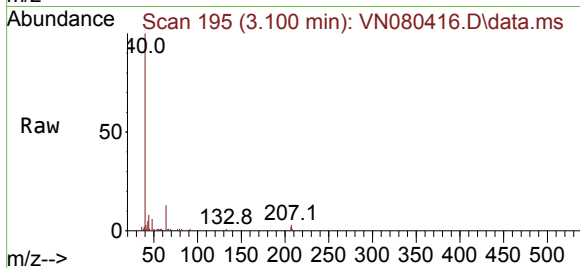




#6
Chloroethane
Concen: Below Cal
RT: 3.100 min Scan# 198
Delta R.T. -0.018 min
Lab File: VN080416.D
Acq: 08 Dec 2023 19:08

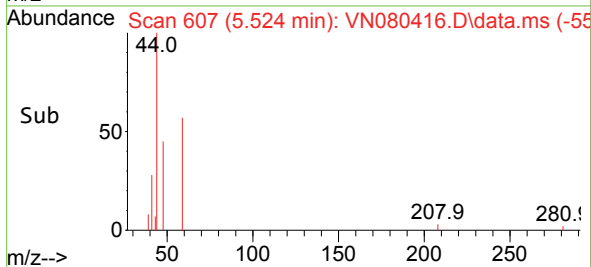
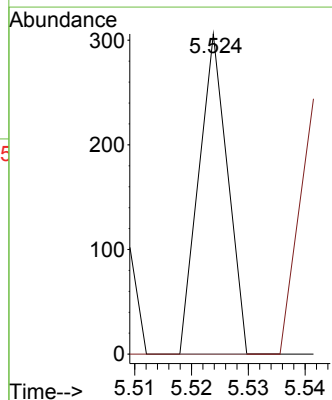
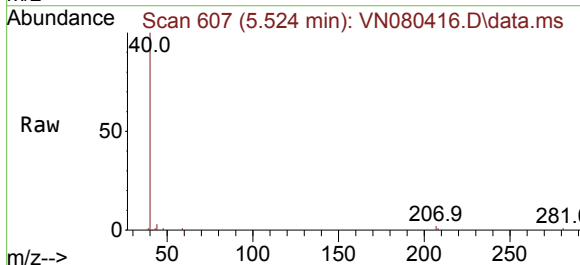
Instrument :
MSVOA_N
ClientSampleId :

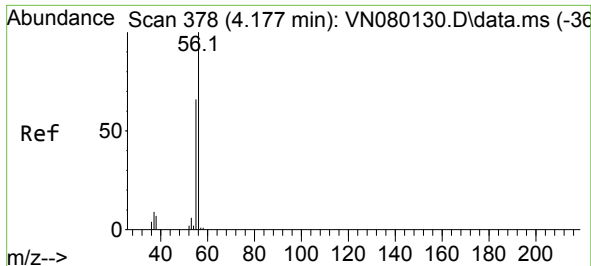
Tgt Ion: 64 Resp: 1611
Ion Ratio Lower Upper
64 100
66 4.3 25.4 38.2#



#11
Tert butyl alcohol
Concen: 0.222 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN080416.D
Acq: 08 Dec 2023 19:08

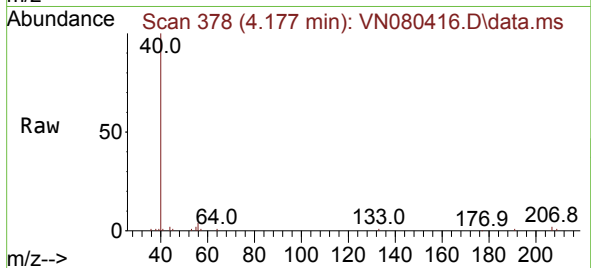
Tgt Ion: 59 Resp: 108
Ion Ratio Lower Upper
59 100
57 79.6 8.2 12.4#



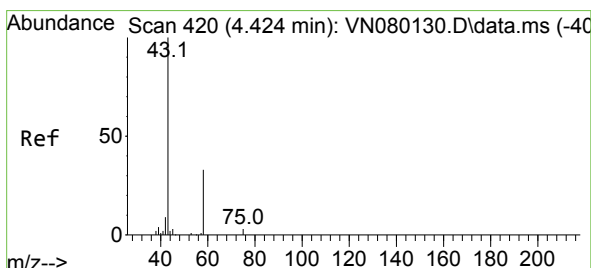
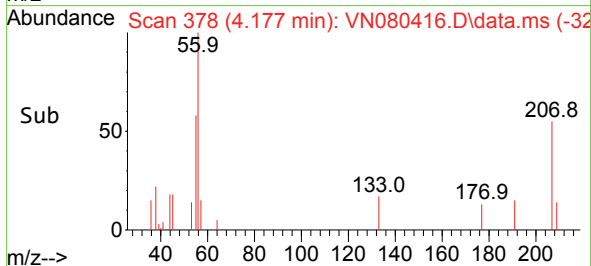
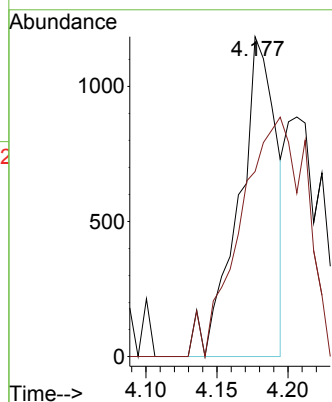


#13
Acrolein
Concen: 5.087 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080416.D
Acq: 08 Dec 2023 19:08

Instrument :
MSVOA_N
ClientSampleId :

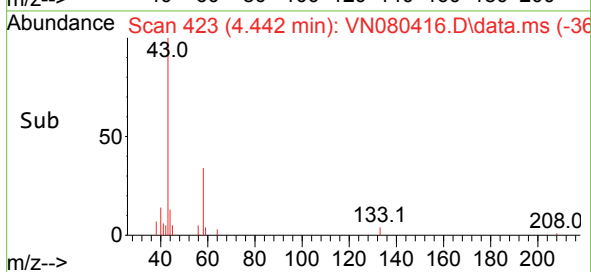
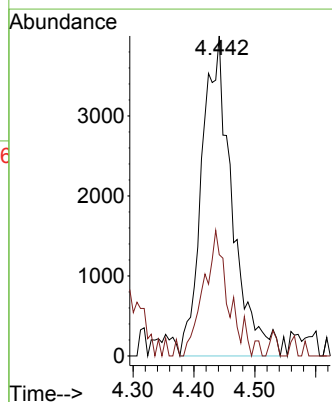
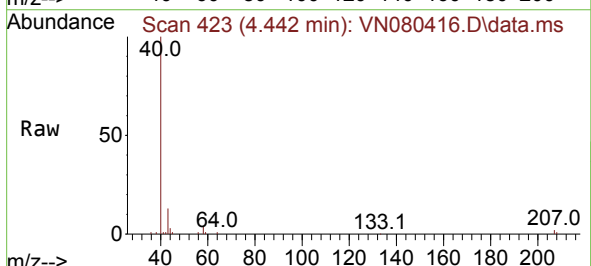


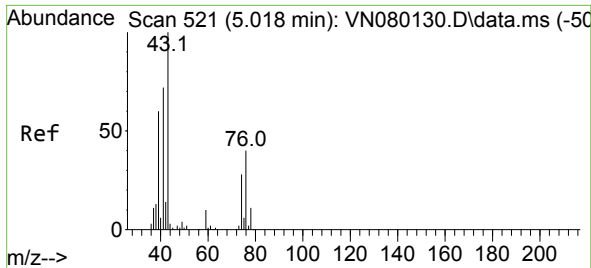
Tgt Ion: 56 Resp: 2188
Ion Ratio Lower Upper
56 100
55 130.3 54.5 81.7#



#16
Acetone
Concen: 9.239 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN080416.D
Acq: 08 Dec 2023 19:08

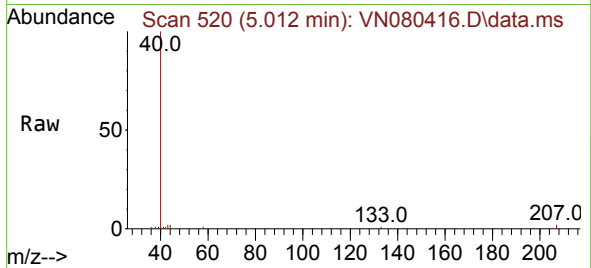
Tgt Ion: 43 Resp: 13714
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0



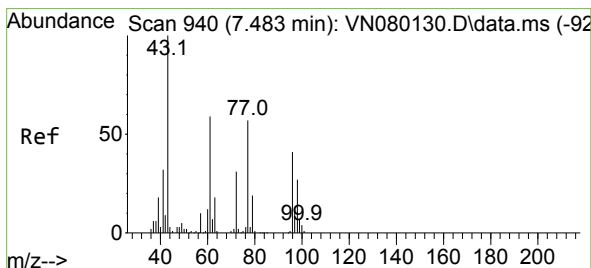
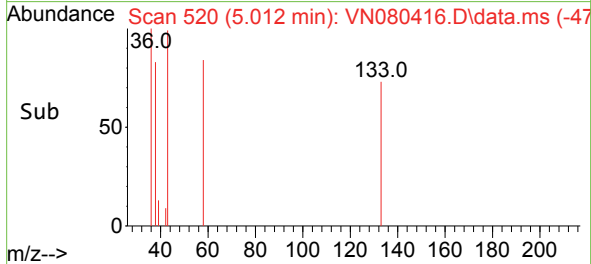
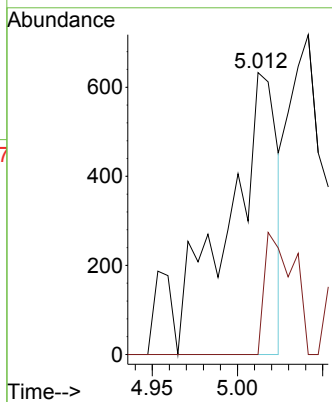


#18
Methyl Acetate
Concen: 0.265 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN080416.D
Acq: 08 Dec 2023 19:08

Instrument :
MSVOA_N
ClientSampleId :

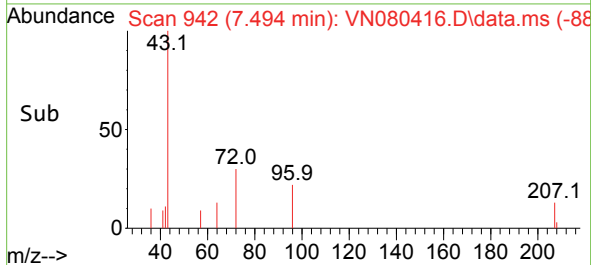
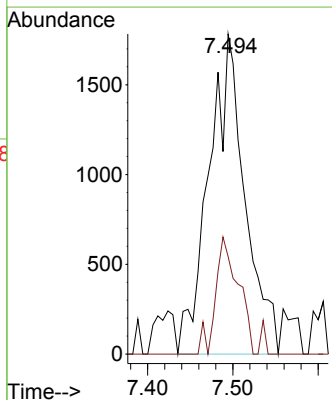
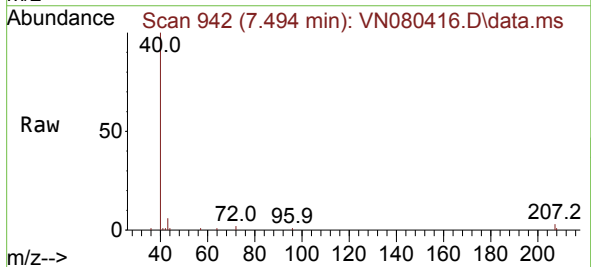


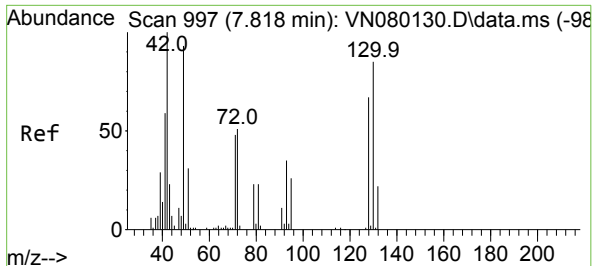
Tgt Ion: 43 Resp: 1266
Ion Ratio Lower Upper
43 100
74 25.5 26.2 39.4#



#25
2-Butanone
Concen: 2.982 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN080416.D
Acq: 08 Dec 2023 19:08

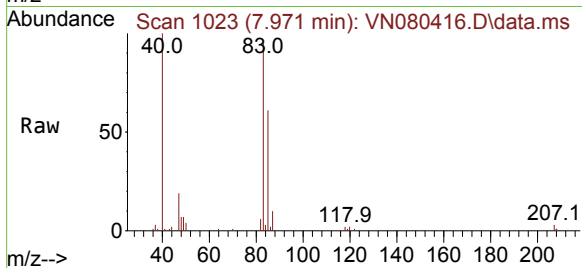
Tgt Ion: 43 Resp: 5259
Ion Ratio Lower Upper
43 100
72 30.5 30.2 45.2



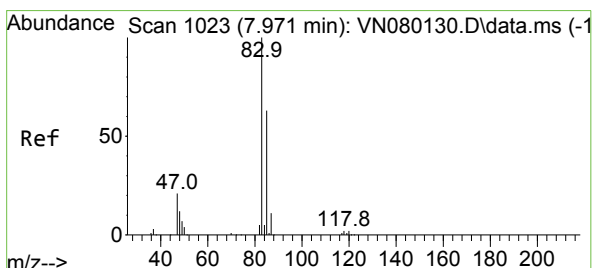
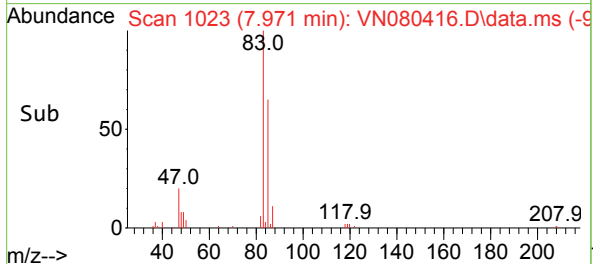
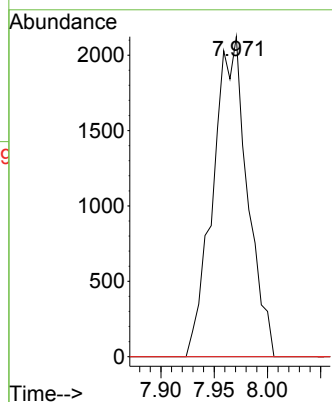


#28
Bromochloromethane
Concen: 2.108 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.153 min
Lab File: VN080416.D
Acq: 08 Dec 2023 19:08

Instrument :
MSVOA_N
ClientSampleId :

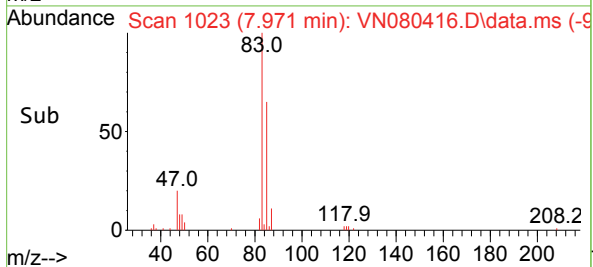
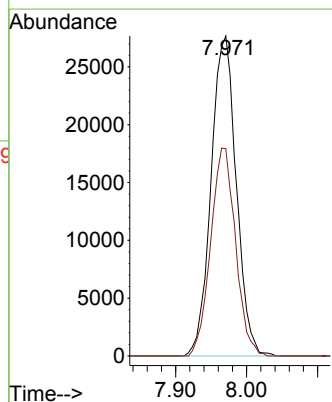
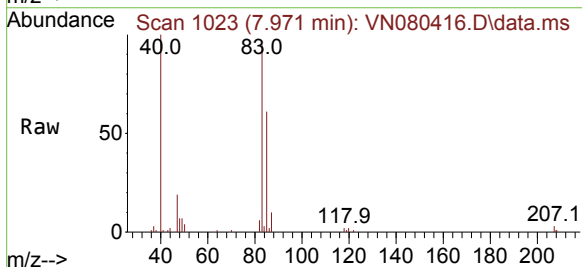


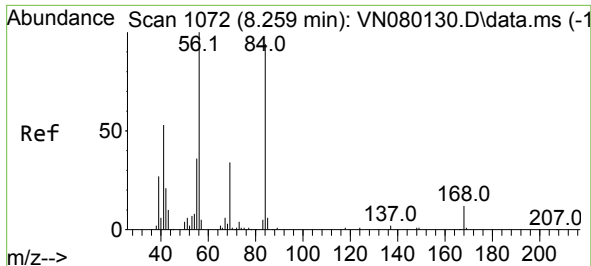
Tgt Ion: 49 Resp: 4753
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 0.0 75.3 112.9#



#30
Chloroform
Concen: 10.615 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN080416.D
Acq: 08 Dec 2023 19:08

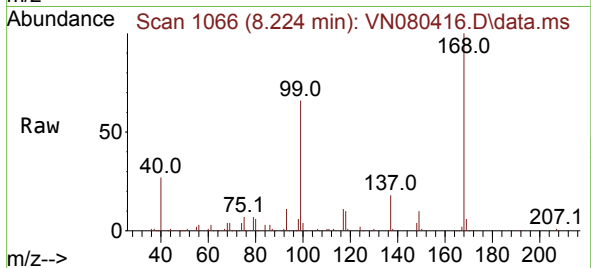
Tgt Ion: 83 Resp: 68044
Ion Ratio Lower Upper
83 100
85 64.8 55.4 83.0



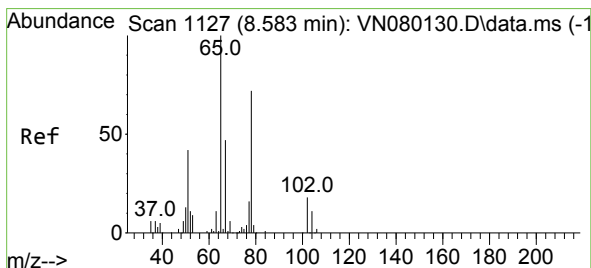
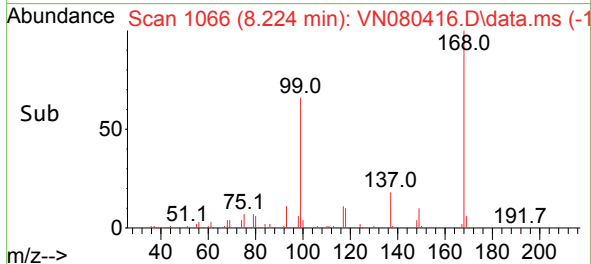
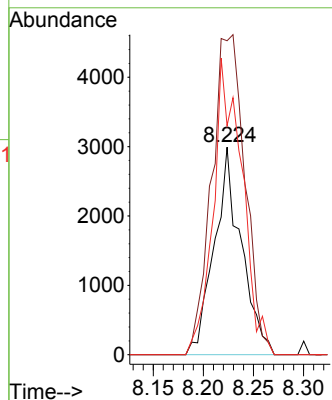


#31
Cyclohexane
Concen: 1.167 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080416.D
Acq: 08 Dec 2023 19:08

Instrument :
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ClientSampleId :

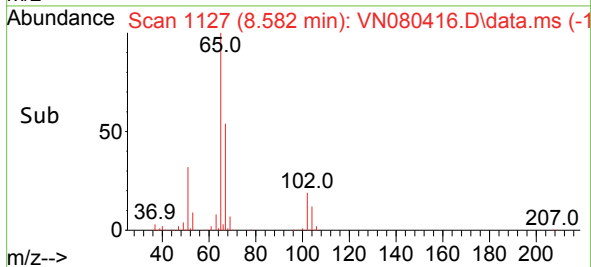
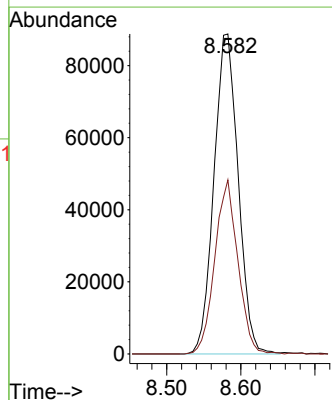
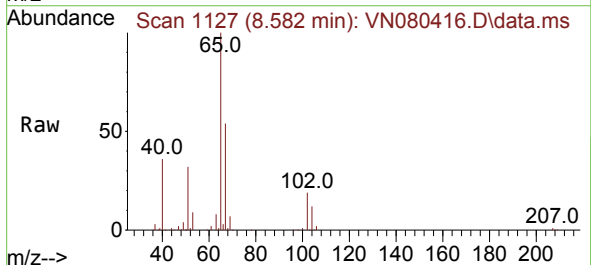


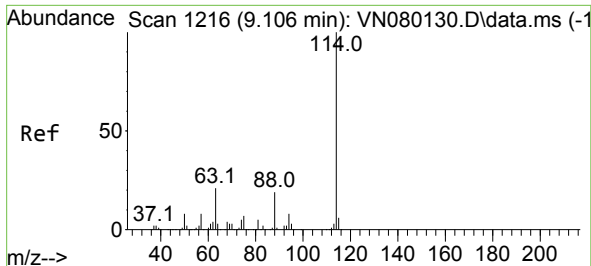
Tgt Ion: 56 Resp: 5611
Ion Ratio Lower Upper
56 100
69 151.2 26.8 40.2#
84 110.3 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 45.606 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080416.D
Acq: 08 Dec 2023 19:08

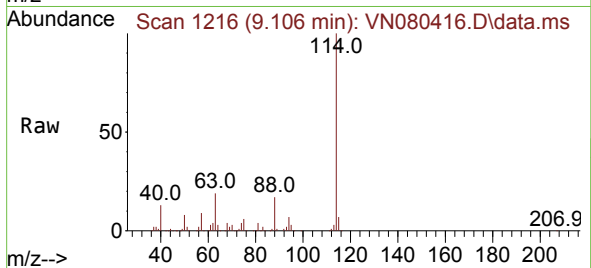
Tgt Ion: 65 Resp: 201548
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.6



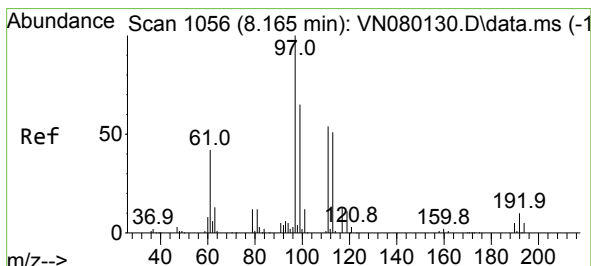
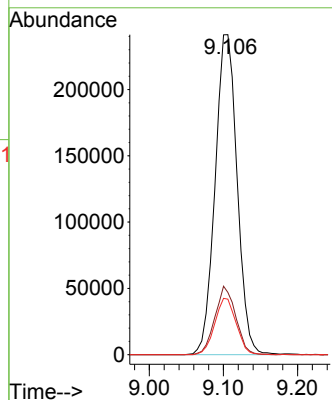
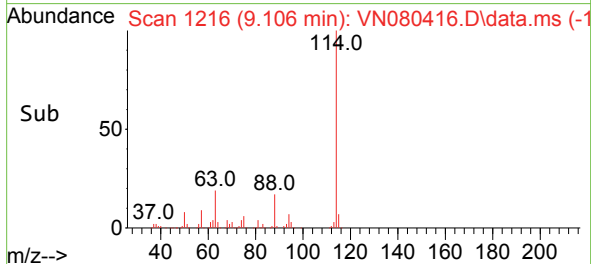


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080416.D
Acq: 08 Dec 2023 19:08

Instrument :
MSVOA_N
ClientSampleId :

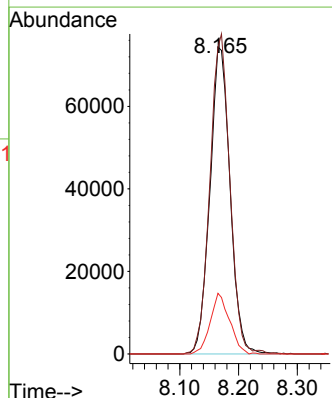
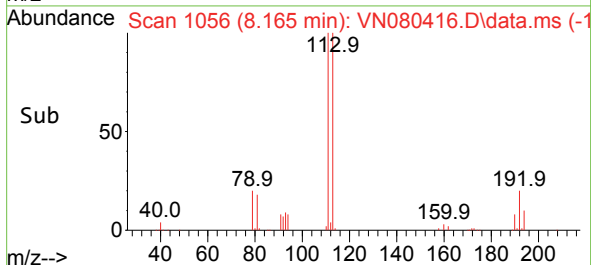
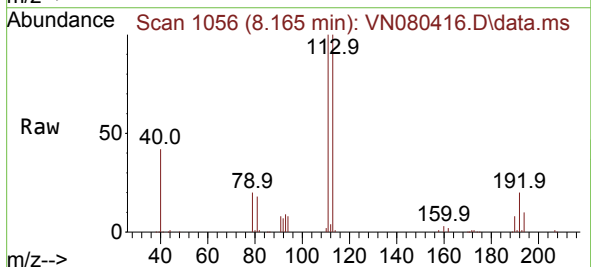


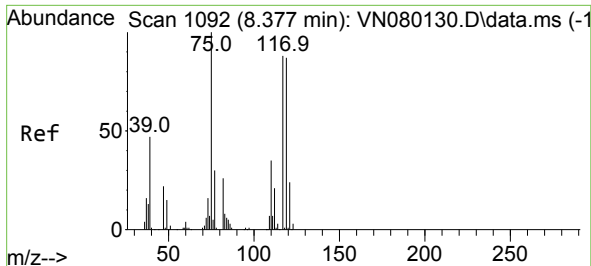
Tgt Ion:114 Resp: 498463
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.4
88 17.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.179 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080416.D
Acq: 08 Dec 2023 19:08

Tgt Ion:113 Resp: 177201
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 19.0 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.008 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN080416.D

Acq: 08 Dec 2023 19:08

Instrument :

MSVOA_N

ClientSampleId :

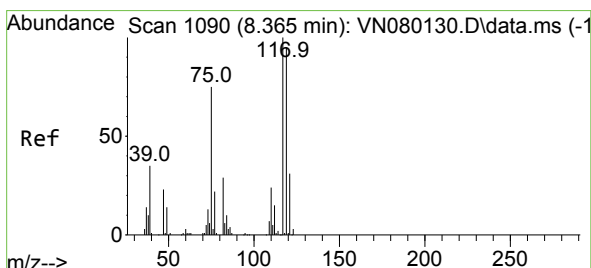
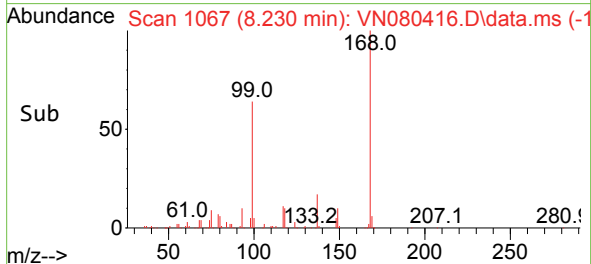
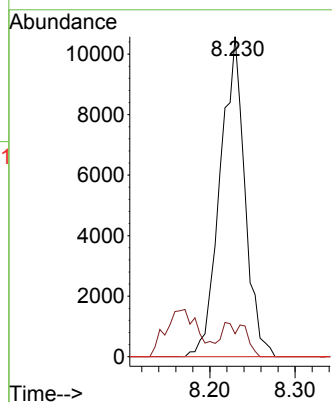
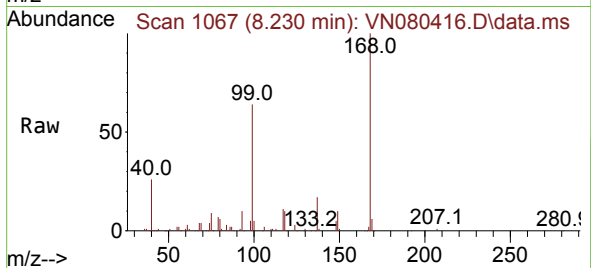
Tgt Ion: 75 Resp: 21341

Ion Ratio Lower Upper

75 100

110 10.3 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 4.452 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN080416.D

Acq: 08 Dec 2023 19:08

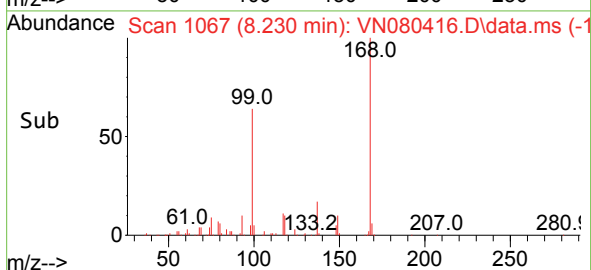
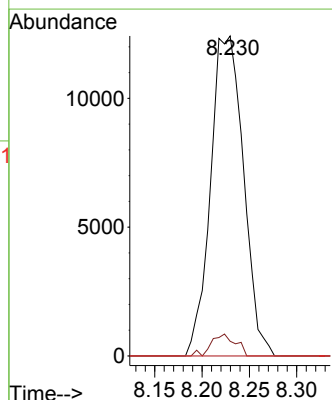
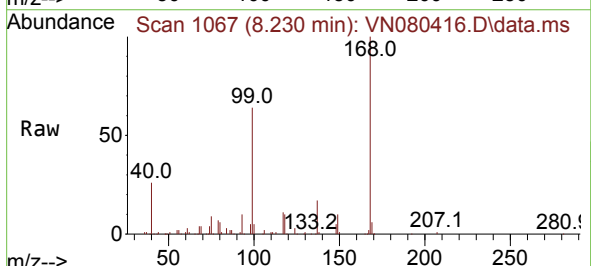
Tgt Ion: 117 Resp: 30086

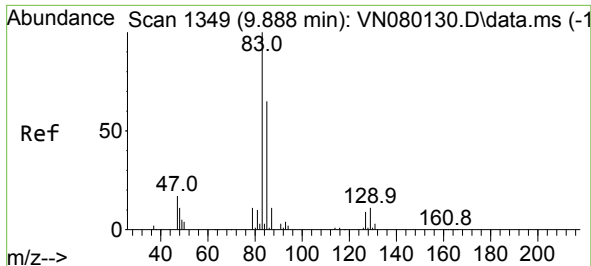
Ion Ratio Lower Upper

117 100

119 4.6 77.3 115.9#

121 0.0 23.3 34.9#

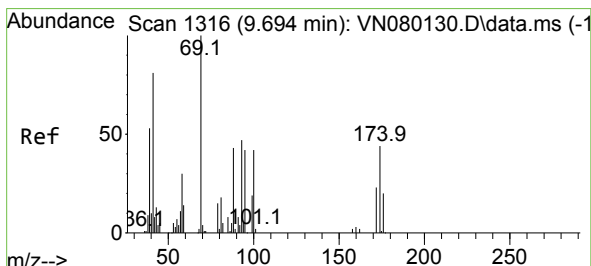
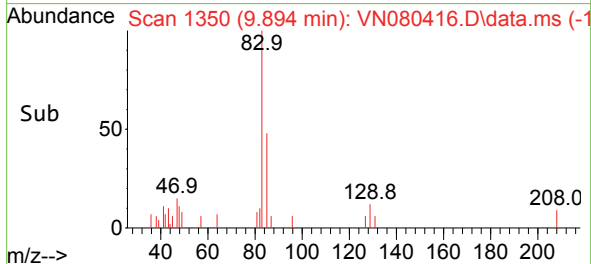
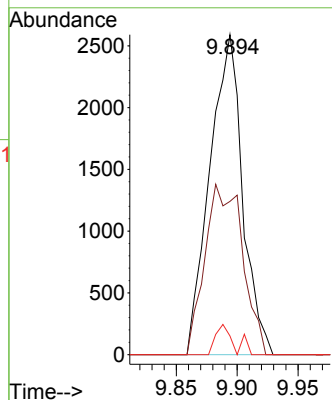
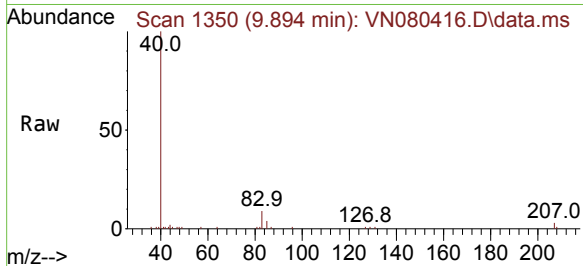




#47
Bromodichloromethane
Concen: 0.827 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN080416.D
Acq: 08 Dec 2023 19:08

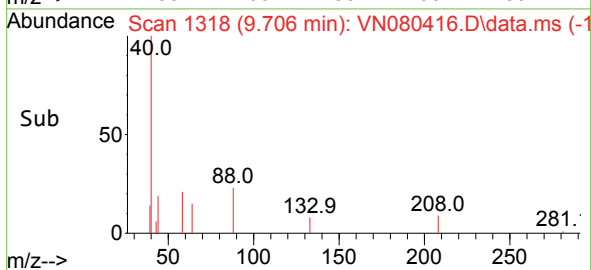
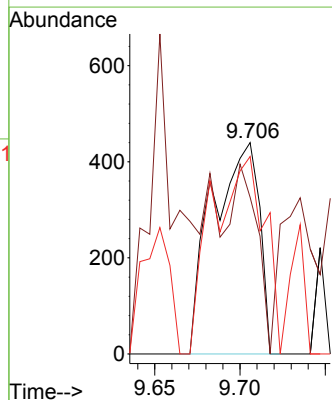
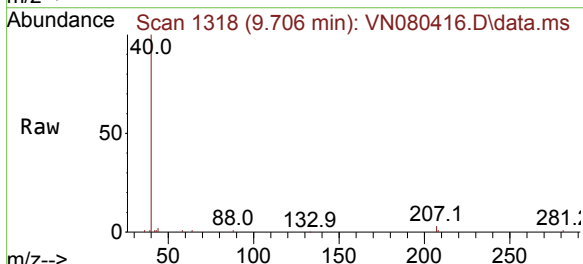
Instrument :
MSVOA_N
ClientSampleId :

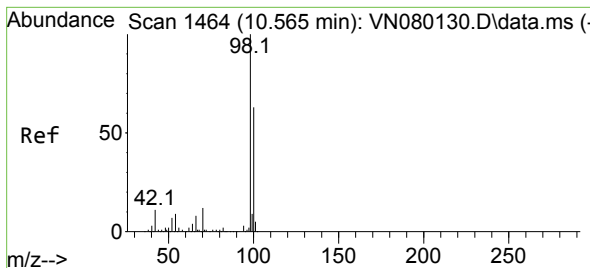
Tgt Ion: 83 Resp: 4843
Ion Ratio Lower Upper
83 100
85 47.9 49.6 74.4#
127 5.8 7.0 10.6#



#49
1,4-Dioxane
Concen: 13.631 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.012 min
Lab File: VN080416.D
Acq: 08 Dec 2023 19:08

Tgt Ion: 88 Resp: 840
Ion Ratio Lower Upper
88 100
43 40.6 17.0 25.6#
58 104.4 47.0 70.4#





#50

Toluene-d8

Concen: 49.633 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080416.D

Acq: 08 Dec 2023 19:08

Instrument :

MSVOA_N

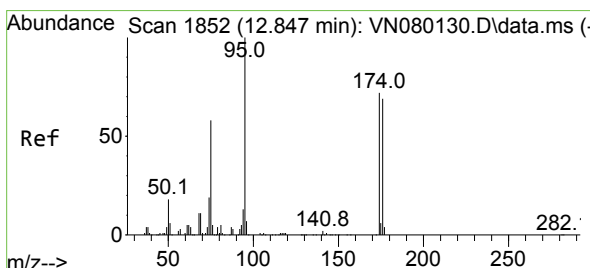
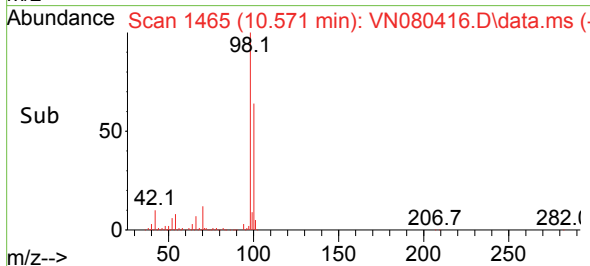
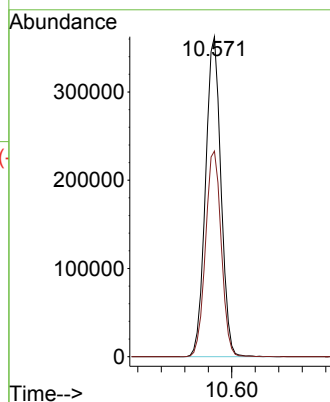
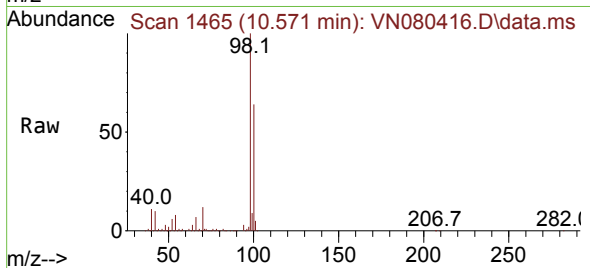
ClientSampleId :

Tgt Ion: 98 Resp: 658057

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 54.314 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080416.D

Acq: 08 Dec 2023 19:08

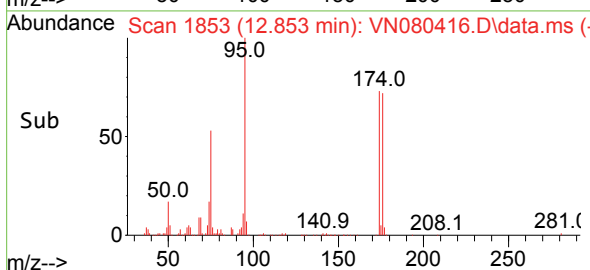
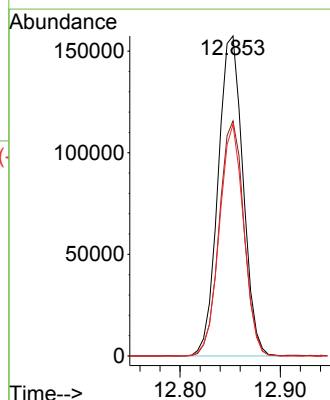
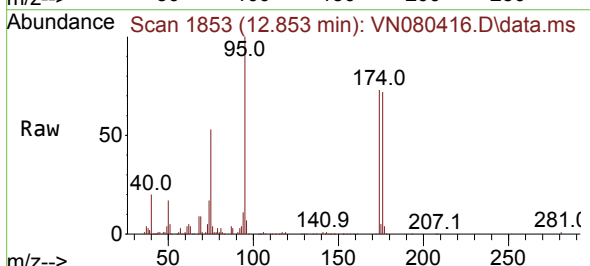
Tgt Ion: 95 Resp: 271999

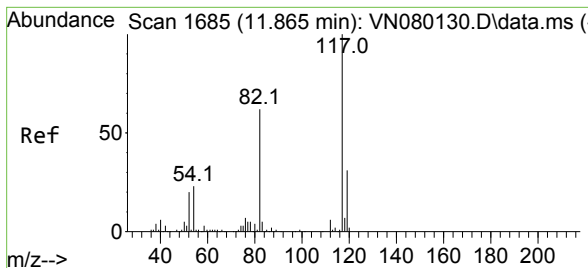
Ion Ratio Lower Upper

95 100

174 72.7 0.0 143.8

176 70.4 0.0 135.8

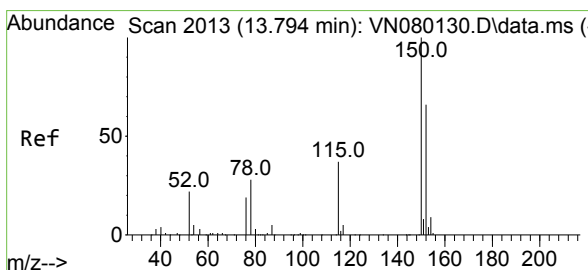
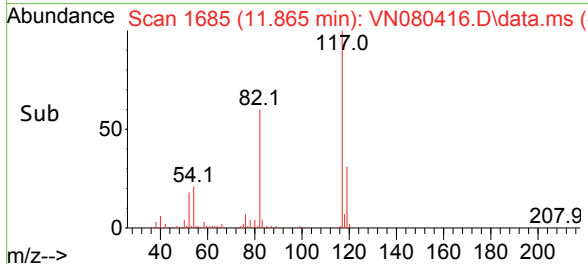
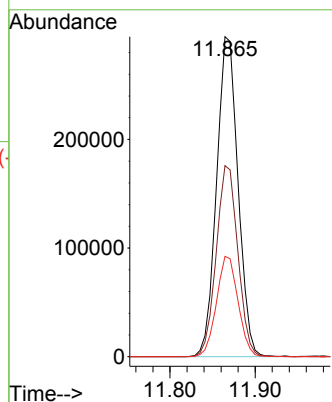
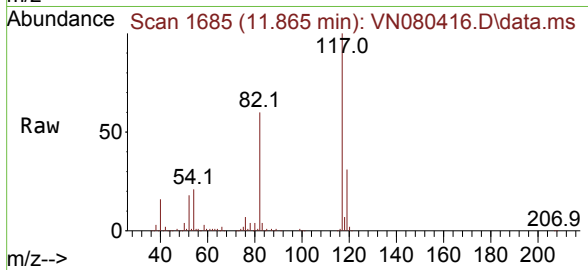




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080416.D
Acq: 08 Dec 2023 19:08

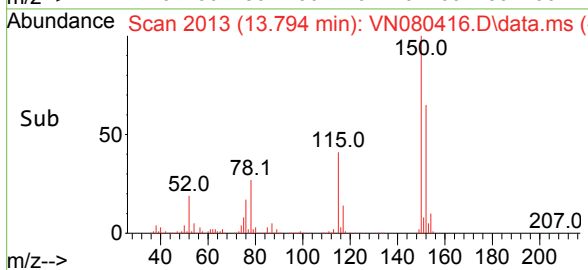
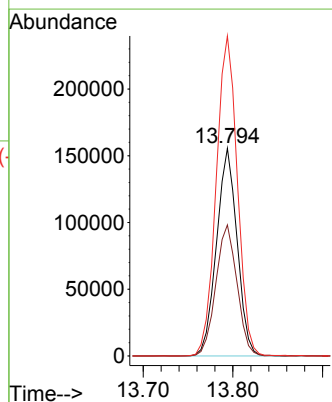
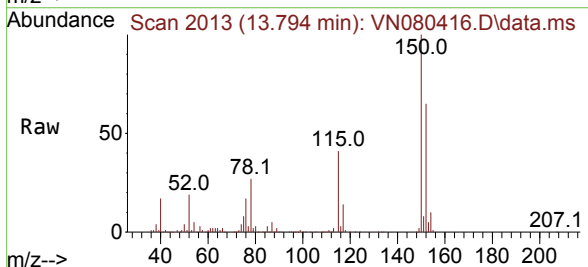
Instrument :
MSVOA_N
ClientSampleId :

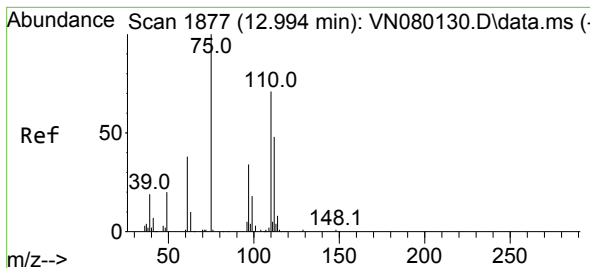
Tgt Ion:117 Resp: 514735
Ion Ratio Lower Upper
117 100
82 59.7 44.0 66.0
119 31.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080416.D
Acq: 08 Dec 2023 19:08

Tgt Ion:152 Resp: 247828
Ion Ratio Lower Upper
152 100
115 64.8 32.3 96.8
150 158.1 0.0 355.8

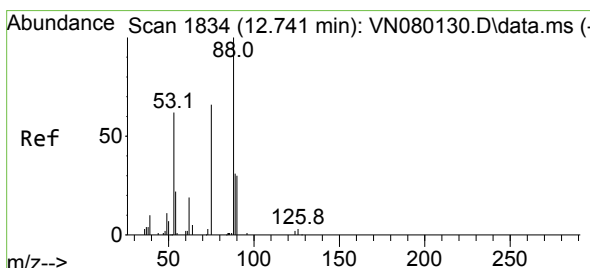
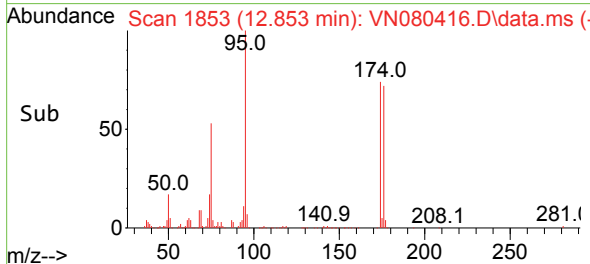
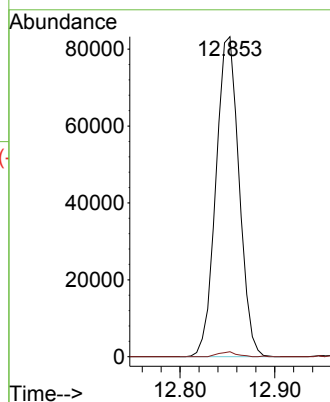
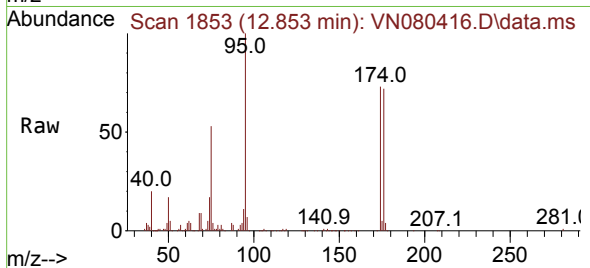




#76
1,2,3-Trichloropropane
Concen: 23.321 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080416.D
Acq: 08 Dec 2023 19:08

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 141608
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.791 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN080416.D
Acq: 08 Dec 2023 19:08

Tgt Ion: 75 Resp: 141608
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#

