

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111423\
 Data File : VN080080.D
 Acq On : 14 Nov 2023 11:31
 Operator : JC\MD
 Sample : VN1114WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 15 03:54:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

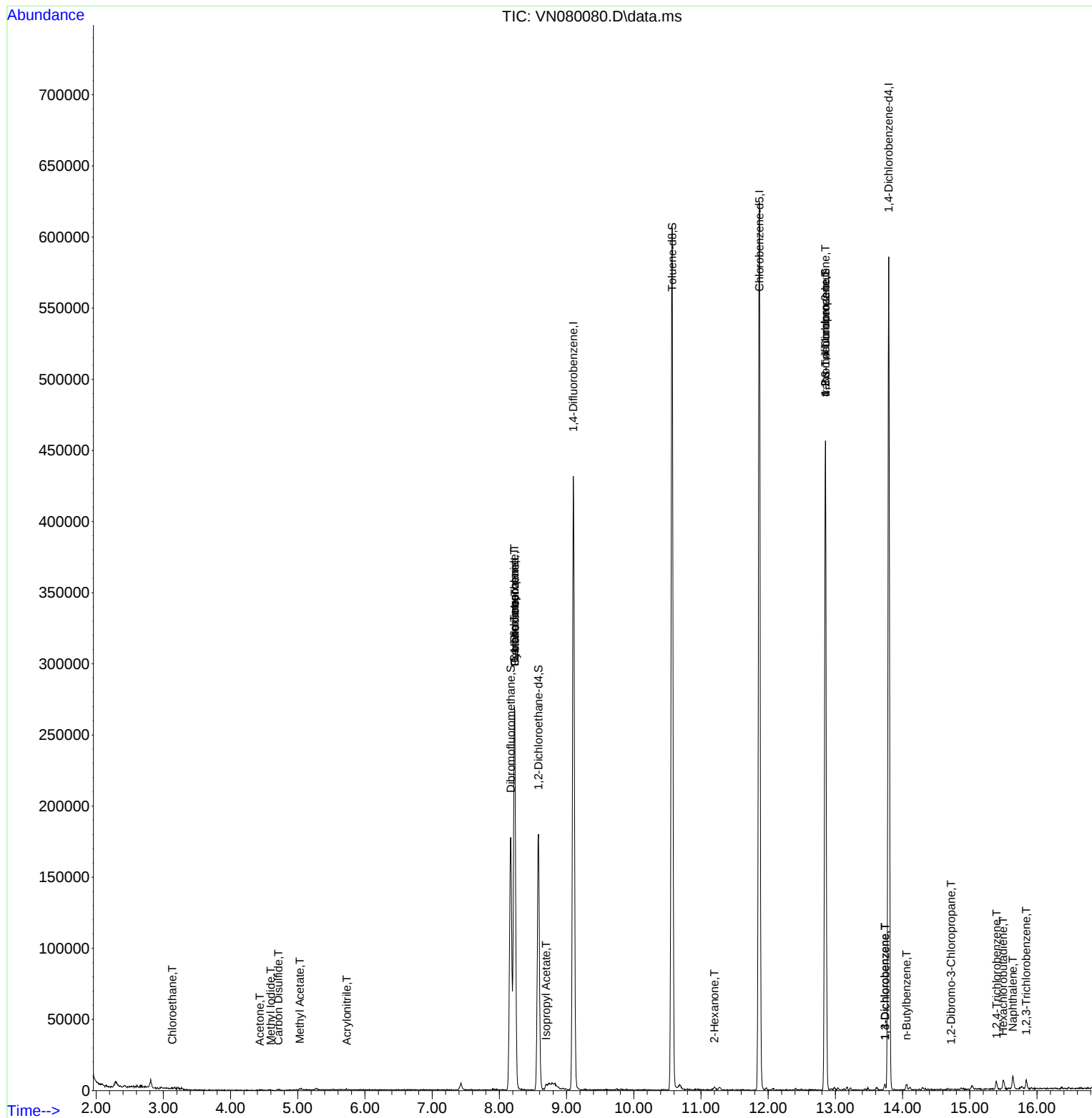
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	187586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	347960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	355126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	159176	55.696	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.400%
35) Dibromofluoromethane	8.171	113	126226	51.255	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.500%
50) Toluene-d8	10.571	98	422398	46.591	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.180%
62) 4-Bromofluorobenzene	12.853	95	158481	52.708	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.420%
Target Compounds						Qvalue
3) Chloromethane	2.365	50	387	Below Cal	#	42
6) Chloroethane	3.136	64	891	0.381	ug/l #	43
10) Methyl Iodide	4.600	142	648	0.266	ug/l #	38
15) Acrylonitrile	5.730	53	417	0.367	ug/l #	90
16) Acetone	4.436	43	382	0.381	ug/l #	40
17) Carbon Disulfide	4.712	76	1311	0.225	ug/l #	75
18) Methyl Acetate	5.030	43	1137	0.237	ug/l #	52
31) Cyclohexane	8.230	56	4489	1.189	ug/l #	34
36) 1,1-Dichloropropene	8.224	75	16617	4.726	ug/l #	51
38) Carbon Tetrachloride	8.224	117	22410	6.324	ug/l #	14
43) Isopropyl Acetate	8.694	43	2924	0.517	ug/l #	49
59) 2-Hexanone	11.200	43	1644	0.675	ug/l	73
76) 1,2,3-Trichloropropane	12.853	75	89737	25.448	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	89737	69.238	ug/l #	15
87) 1,3-Dichlorobenzene	13.741	146	1148	0.221	ug/l	78
88) 1,4-Dichlorobenzene	13.741	146	1148	0.218	ug/l	79
89) n-Butylbenzene	14.059	91	2673	0.378	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.723	75	150	0.219	ug/l #	50
93) 1,2,4-Trichlorobenzene	15.400	180	1823	0.782	ug/l	83
94) Hexachlorobutadiene	15.494	225	1573	1.489	ug/l	75
95) Naphthalene	15.641	128	8699	1.101	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.841	180	2313	1.013	ug/l	88

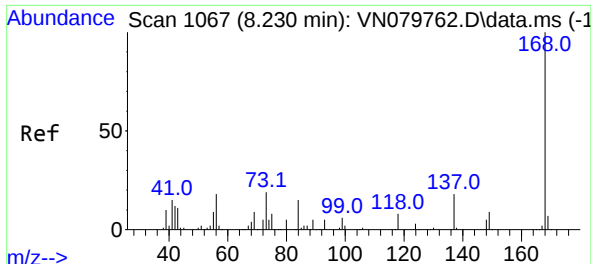
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111423\
Data File : VN080080.D
Acq On : 14 Nov 2023 11:31
Operator : JC\MD
Sample : VN1114WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

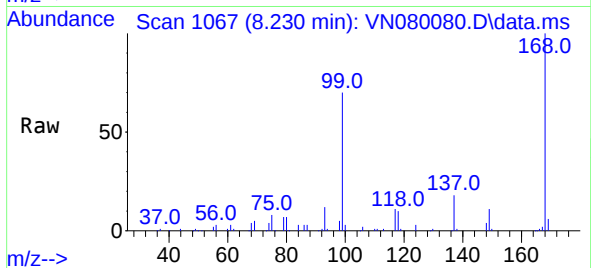
Quant Time: Nov 15 03:54:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
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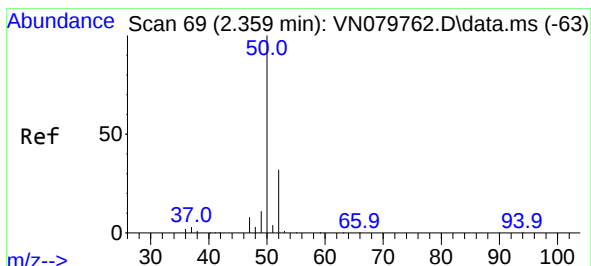
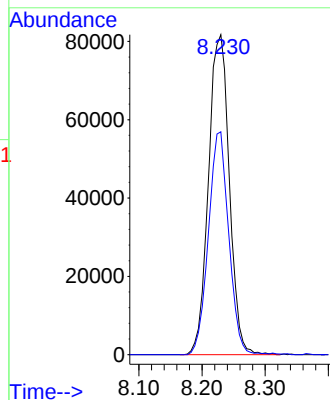
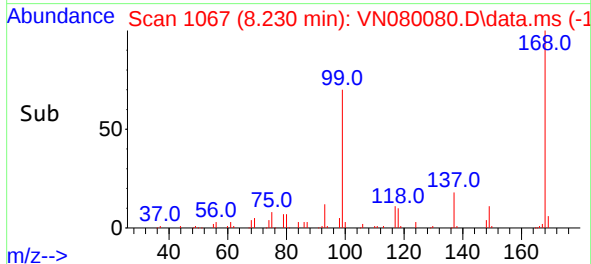


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :

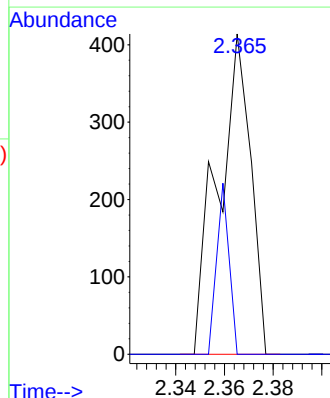
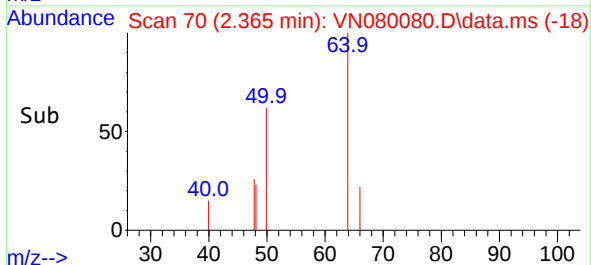
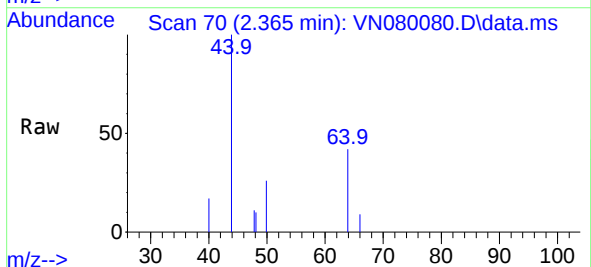


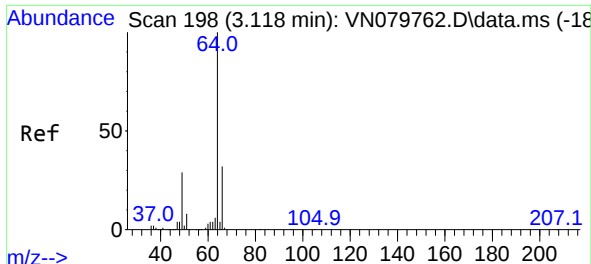
Tgt Ion:168 Resp: 187586
Ion Ratio Lower Upper
168 100
99 69.7 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31

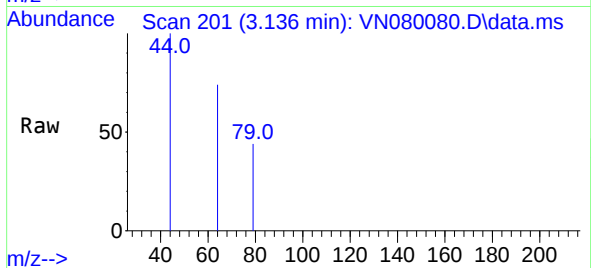
Tgt Ion: 50 Resp: 387
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#



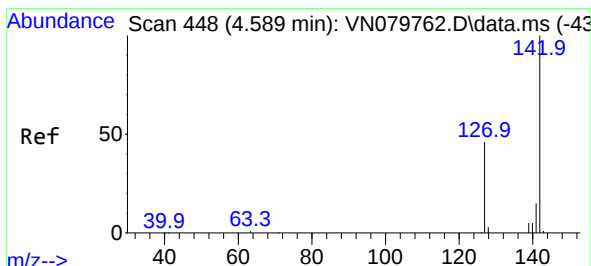
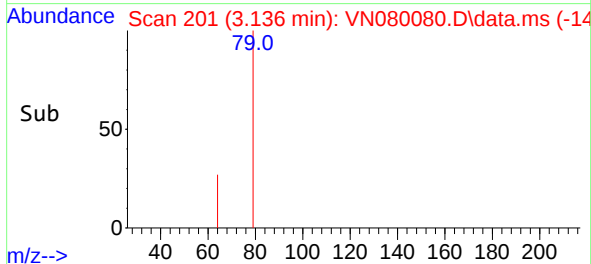
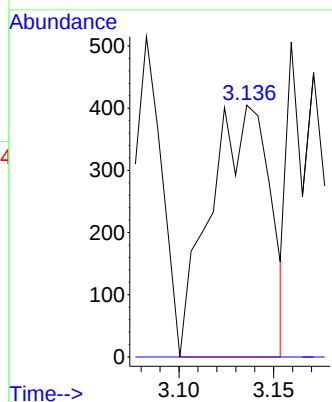


#6
Chloroethane
Concen: 0.381 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :

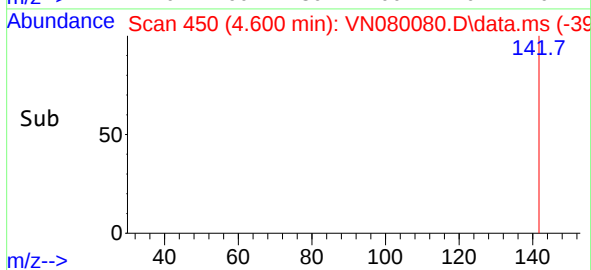
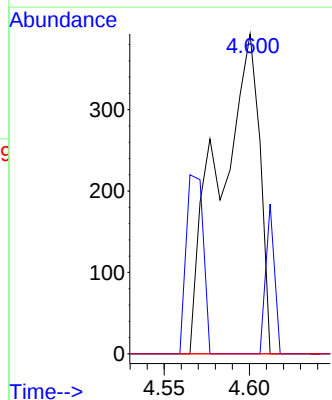
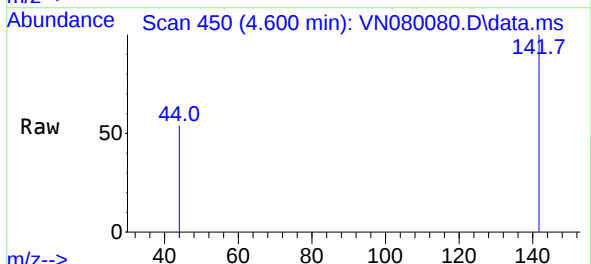


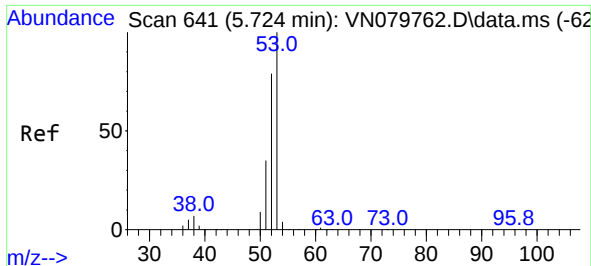
Tgt Ion: 64 Resp: 891
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#10
Methyl Iodide
Concen: 0.266 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31

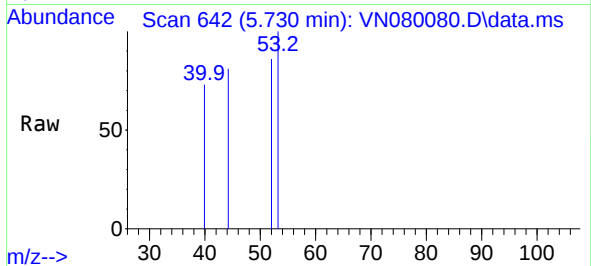
Tgt Ion: 142 Resp: 648
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.4 17.0#



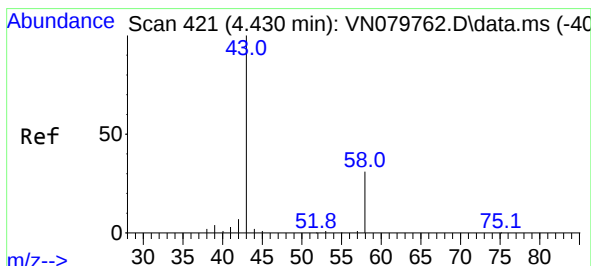
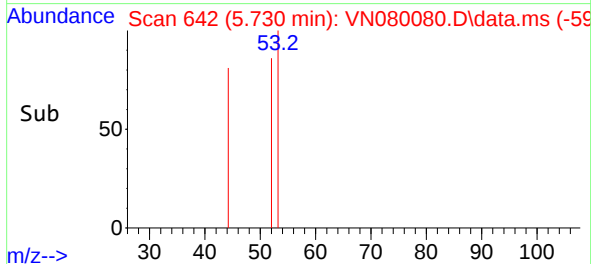
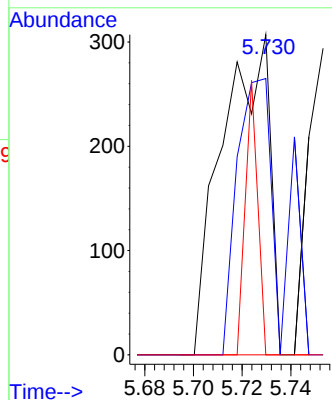


#15
Acrylonitrile
Concen: 0.367 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :

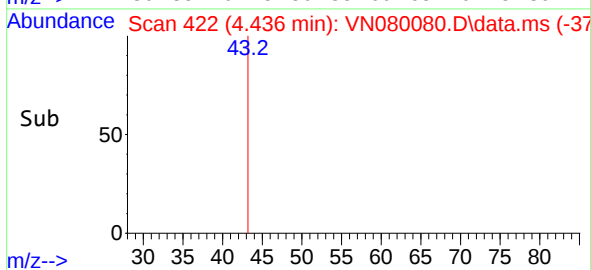
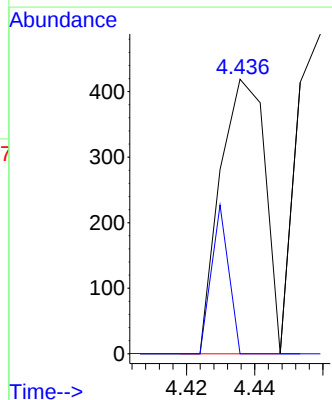
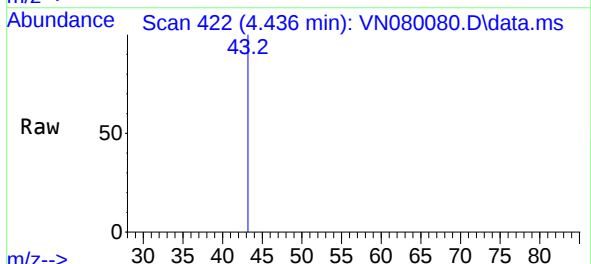


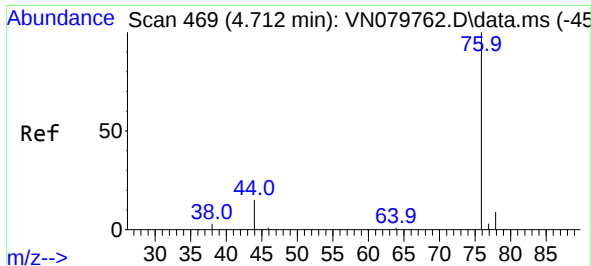
Tgt Ion: 53 Resp: 417
Ion Ratio Lower Upper
53 100
52 78.4 65.3 97.9
51 22.3 28.9 43.3#



#16
Acetone
Concen: 0.381 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31

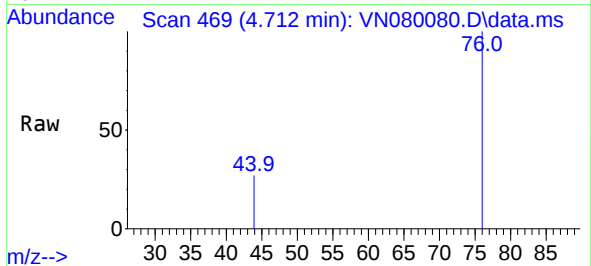
Tgt Ion: 43 Resp: 382
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



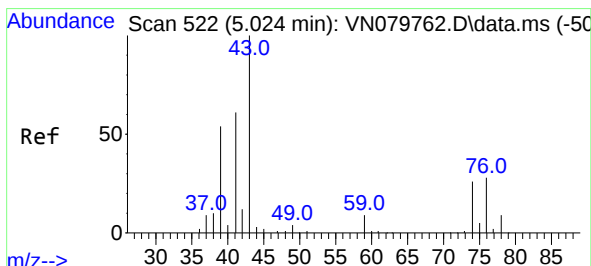
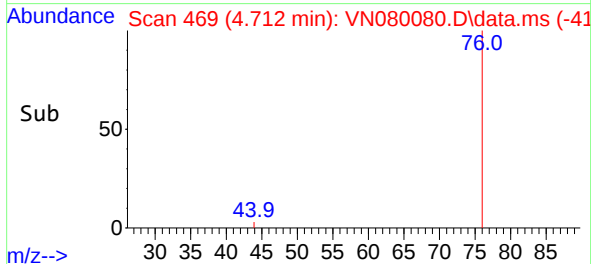
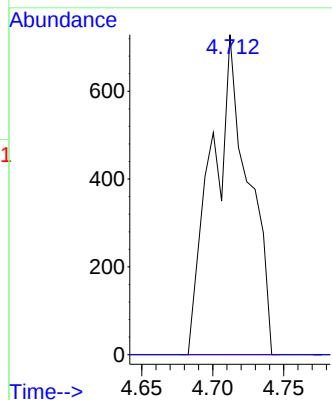


#17
Carbon Disulfide
Concen: 0.225 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :

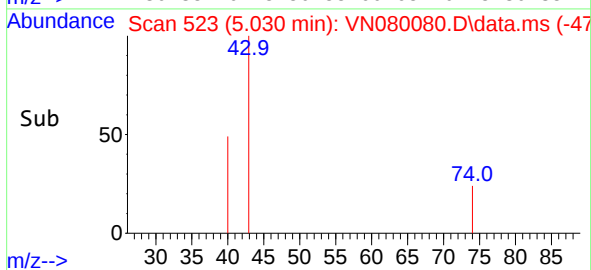
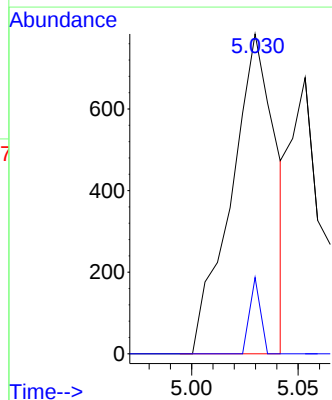
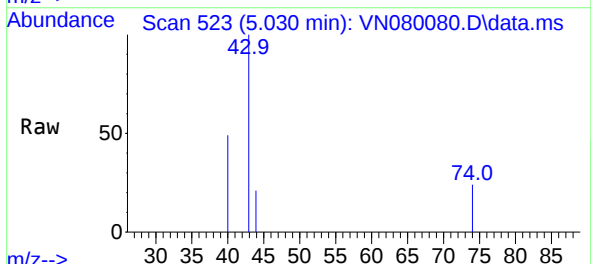


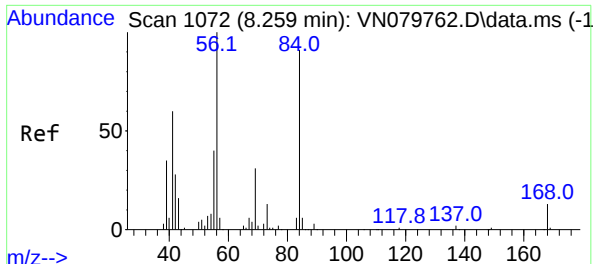
Tgt Ion: 76 Resp: 1311
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.237 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31

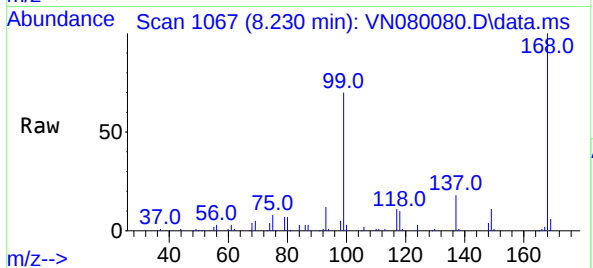
Tgt Ion: 43 Resp: 1137
Ion Ratio Lower Upper
43 100
74 5.8 26.2 39.4#



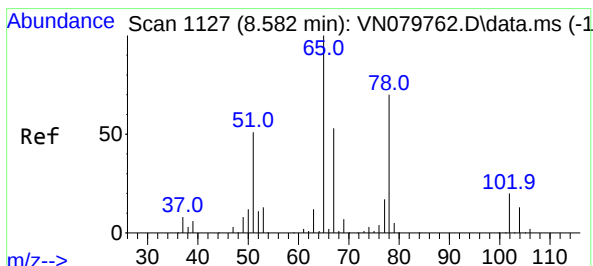
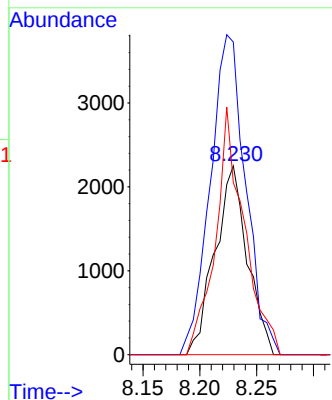
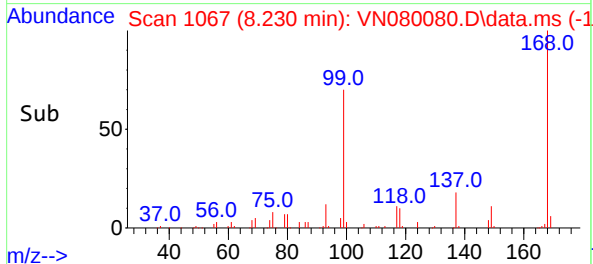


#31
Cyclohexane
Concen: 1.189 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :

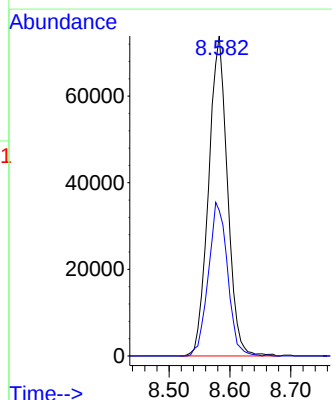
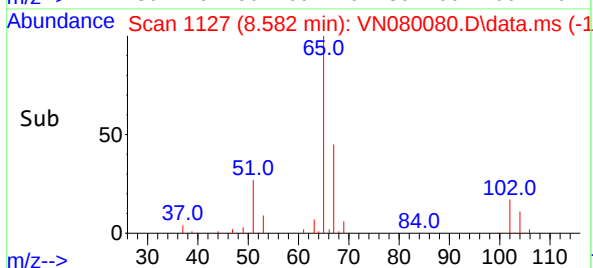
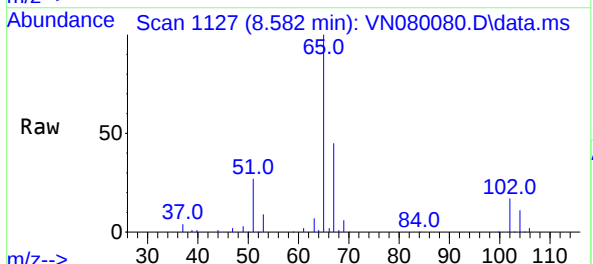


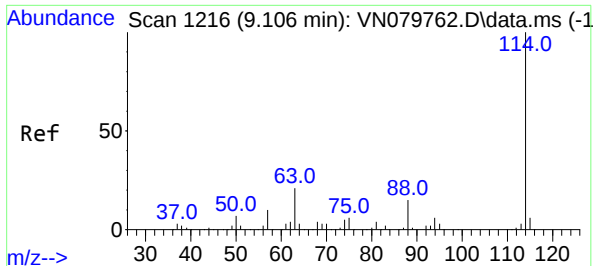
Tgt Ion: 56 Resp: 4489
Ion Ratio Lower Upper
56 100
69 165.6 26.8 40.2#
84 91.1 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 55.696 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31

Tgt Ion: 65 Resp: 159176
Ion Ratio Lower Upper
65 100
67 48.7 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: VN080080.D

Acq: 14 Nov 2023 11:31

Instrument :

MSVOA_N

ClientSampleId :

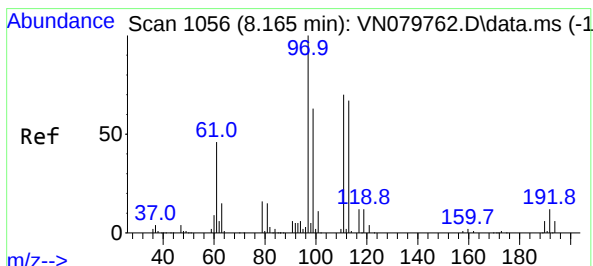
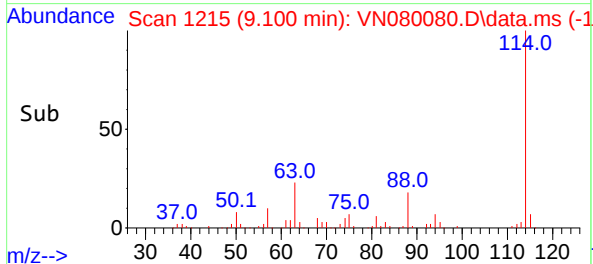
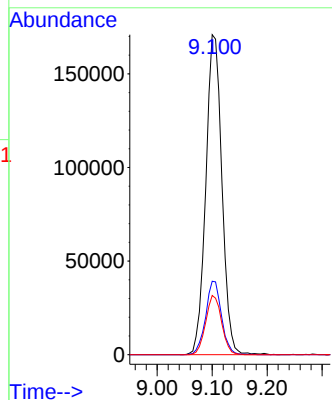
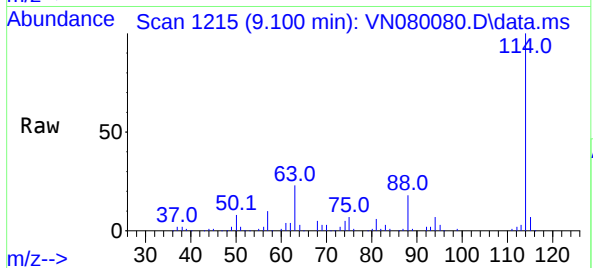
Tgt Ion:114 Resp: 347960

Ion Ratio Lower Upper

114 100

63 23.0 0.0 36.4

88 18.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.255 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN080080.D

Acq: 14 Nov 2023 11:31

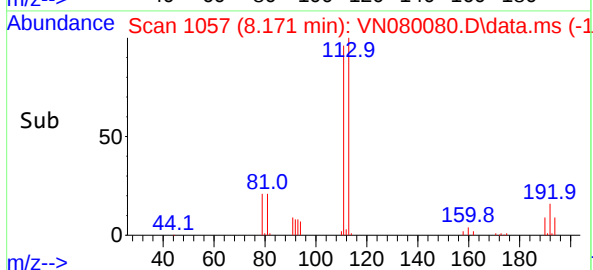
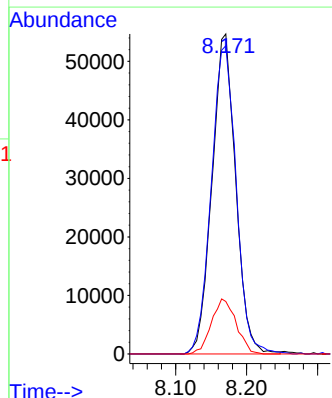
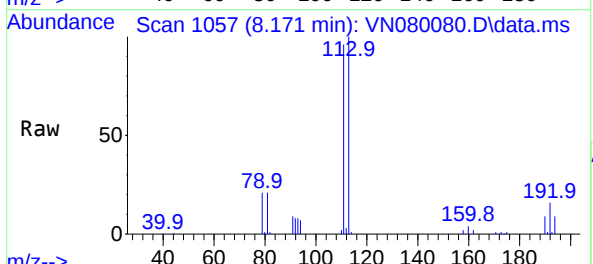
Tgt Ion:113 Resp: 126226

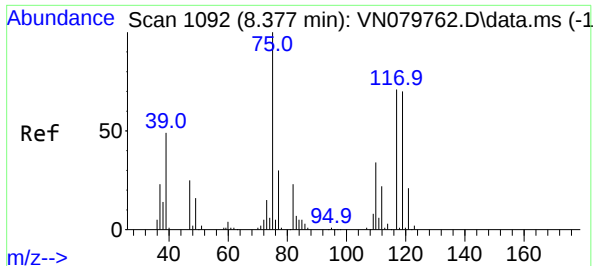
Ion Ratio Lower Upper

113 100

111 101.6 82.6 123.8

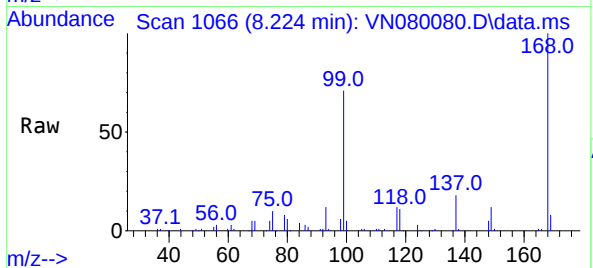
192 18.0 12.7 19.1



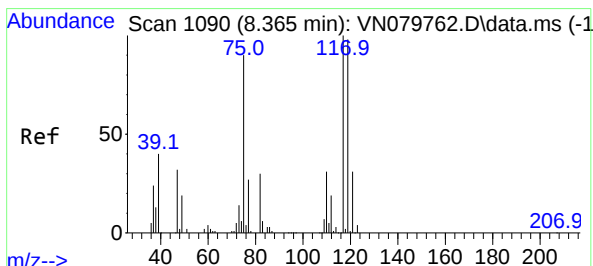
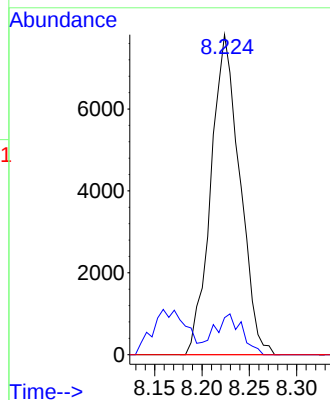
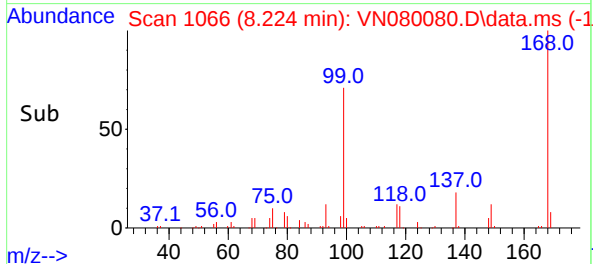


#36
1,1-Dichloropropene
Concen: 4.726 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :

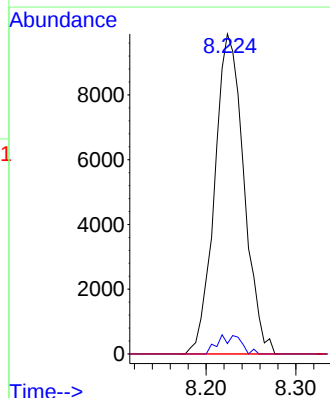
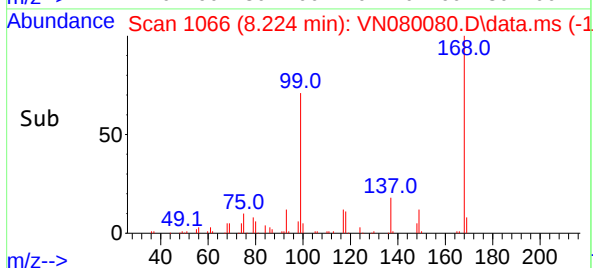
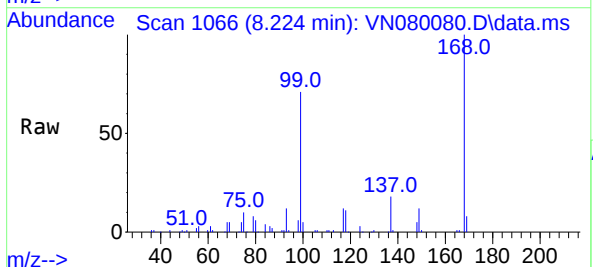


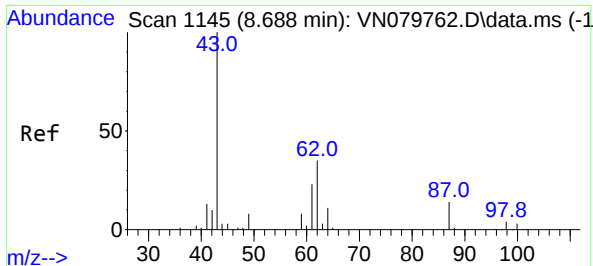
Tgt Ion: 75 Resp: 16617
Ion Ratio Lower Upper
75 100
110 11.9 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.324 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31

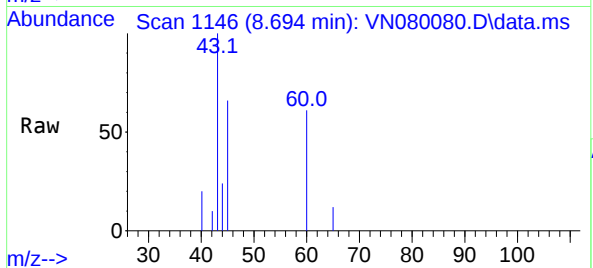
Tgt Ion: 117 Resp: 22410
Ion Ratio Lower Upper
117 100
119 3.3 77.3 115.9#
121 0.0 23.3 34.9#



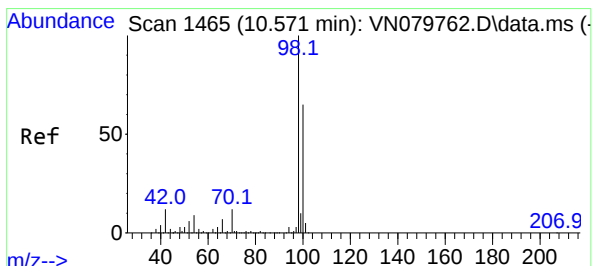
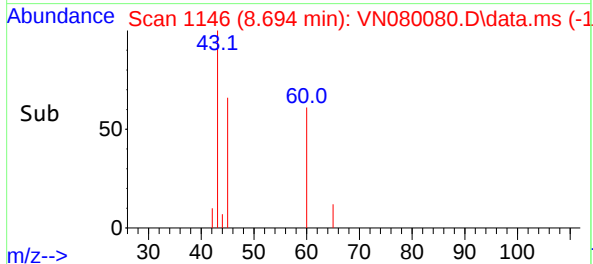
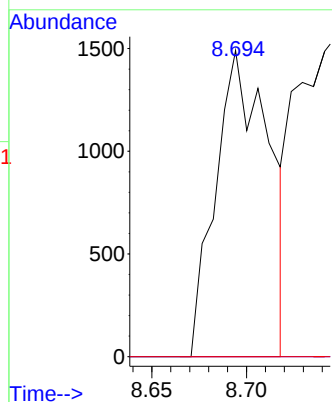


#43
Isopropyl Acetate
Concen: 0.517 ug/l
RT: 8.694 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :

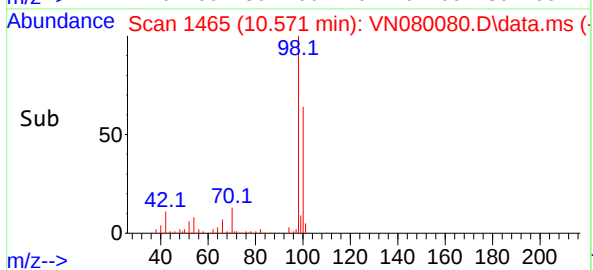
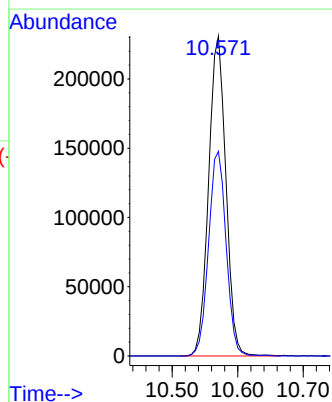
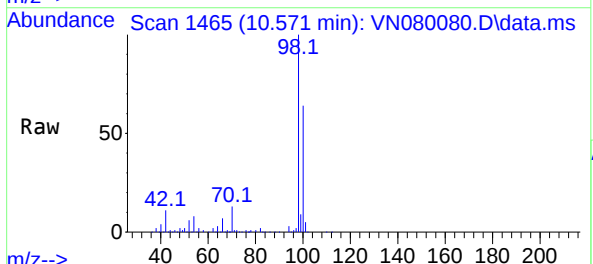


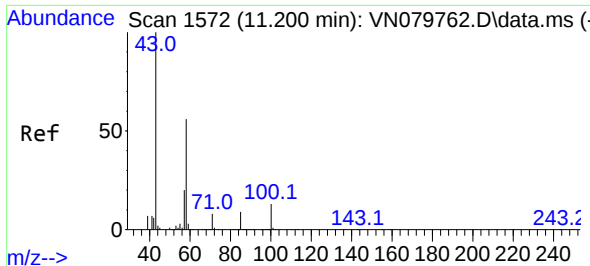
Tgt Ion: 43 Resp: 2924
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 46.591 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31

Tgt Ion: 98 Resp: 422398
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

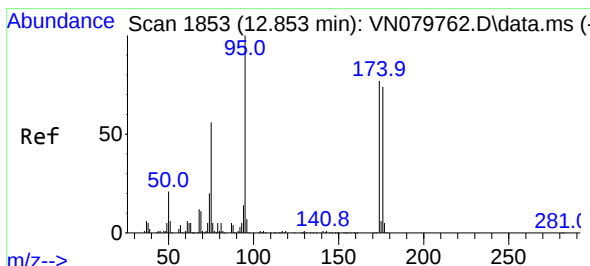
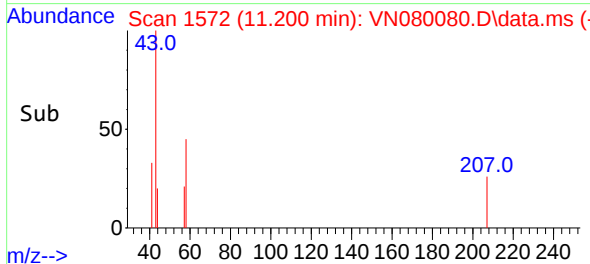
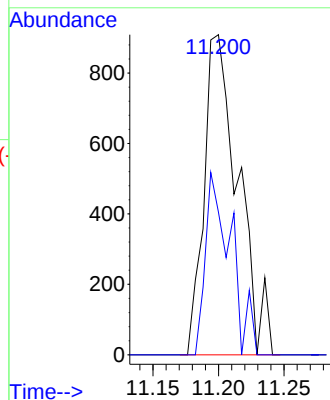
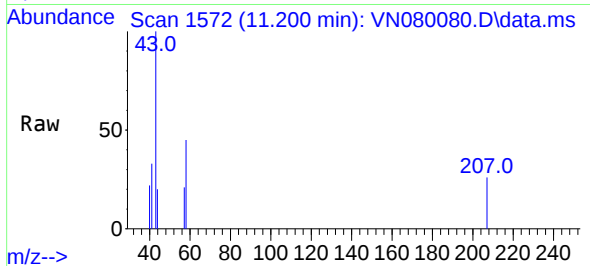




#59
2-Hexanone
Concen: 0.675 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31

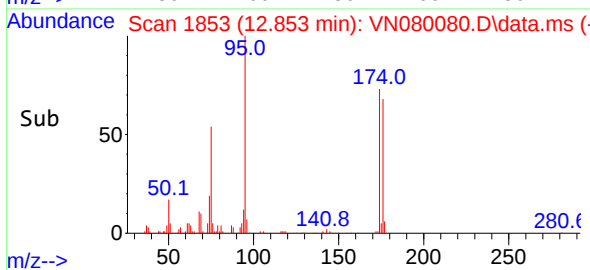
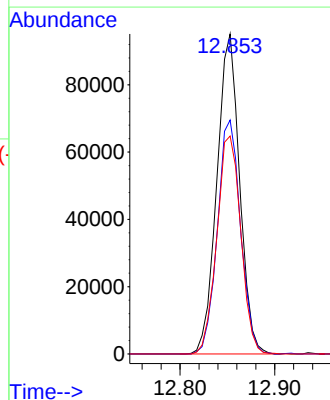
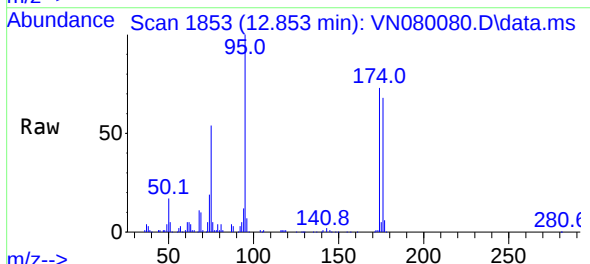
Instrument :
MSVOA_N
ClientSampleId :

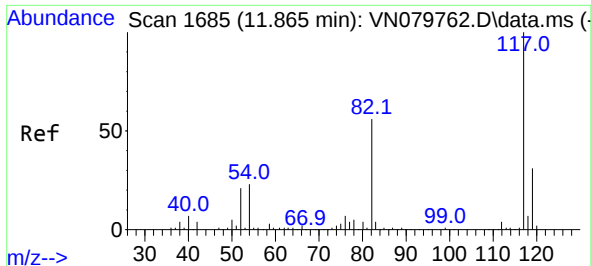
Tgt Ion: 43 Resp: 1644
Ion Ratio Lower Upper
43 100
58 42.5 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 52.708 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31

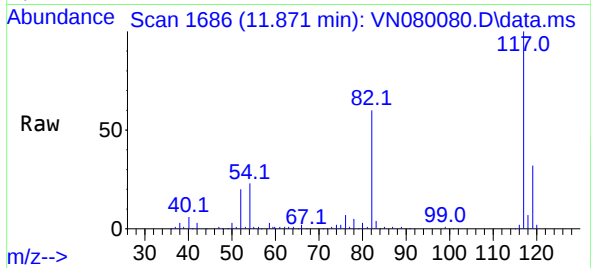
Tgt Ion: 95 Resp: 158481
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 71.7 0.0 135.8



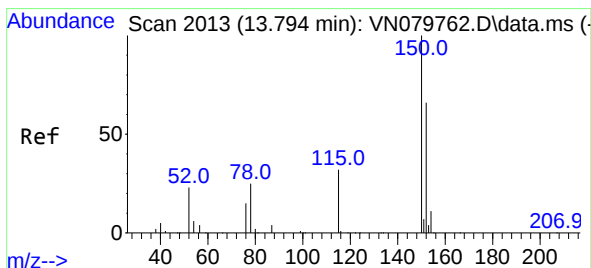
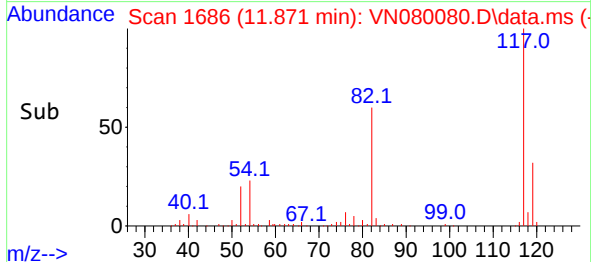
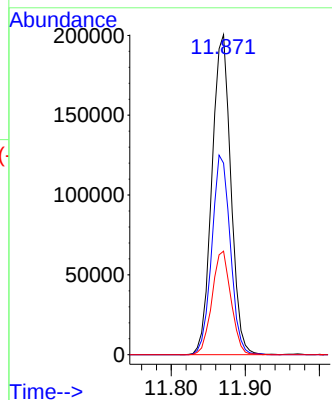


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :

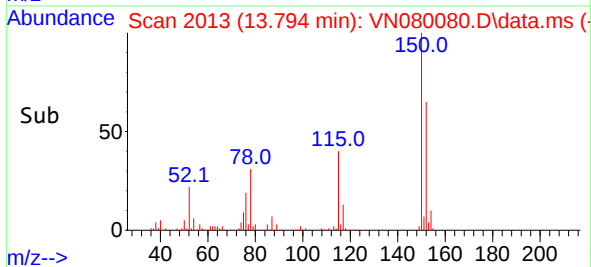
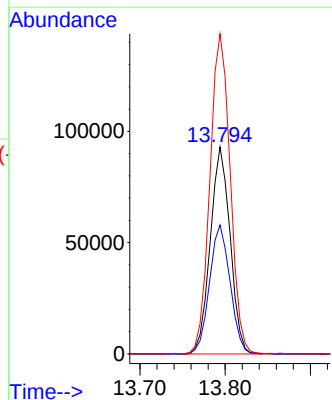
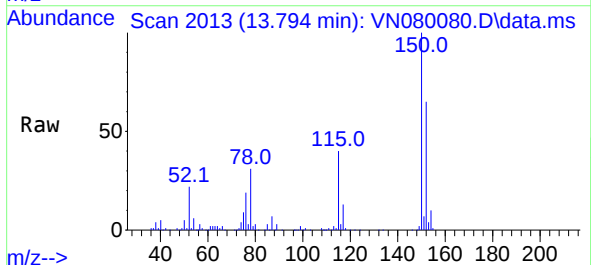


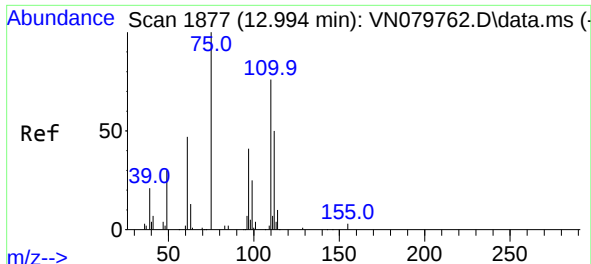
Tgt Ion:117 Resp: 355126
Ion Ratio Lower Upper
117 100
82 59.9 44.0 66.0
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31

Tgt Ion:152 Resp: 150202
Ion Ratio Lower Upper
152 100
115 64.7 32.3 96.8
150 158.3 0.0 355.8

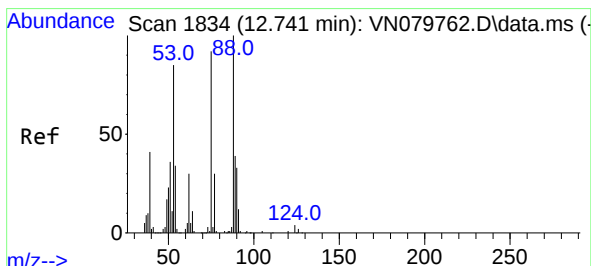
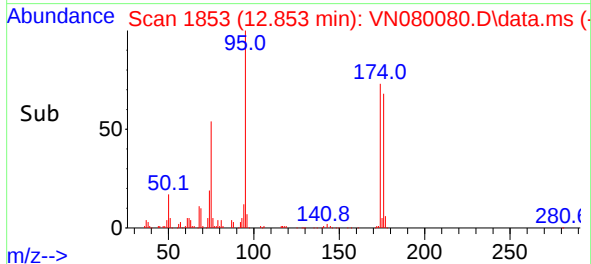
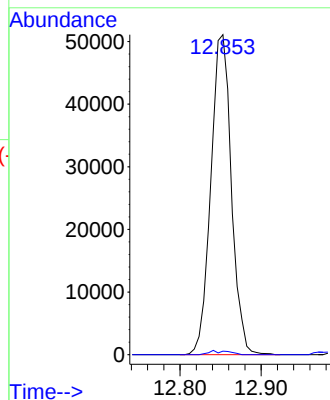
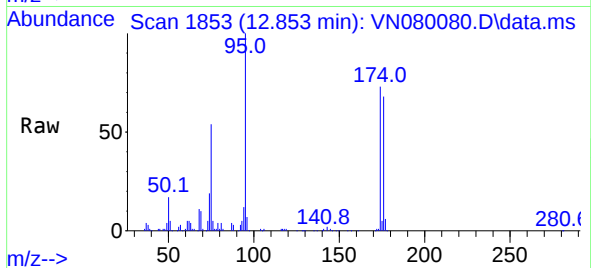




#76
1,2,3-Trichloropropane
Concen: 25.448 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31

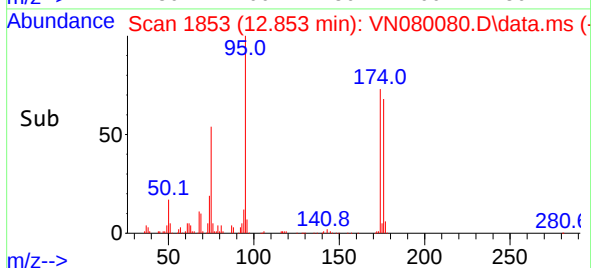
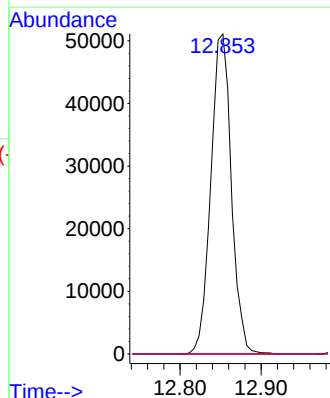
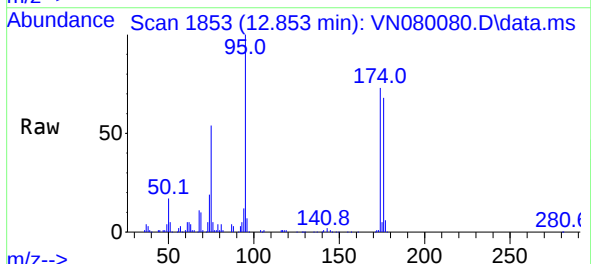
Instrument :
MSVOA_N
ClientSampleId :

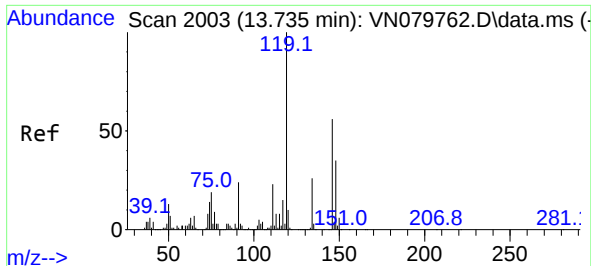
Tgt Ion: 75 Resp: 89737
Ion Ratio Lower Upper
75 100
77 0.6 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.238 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31

Tgt Ion: 75 Resp: 89737
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#





#87

1,3-Dichlorobenzene

Concen: 0.221 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.006 min

Lab File: VN080080.D

Acq: 14 Nov 2023 11:31

Instrument :

MSVOA_N

ClientSampleId :

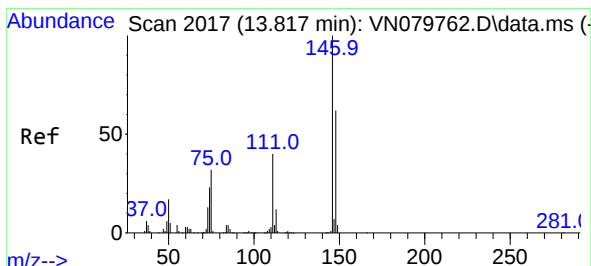
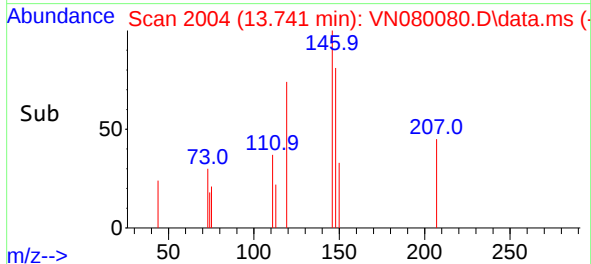
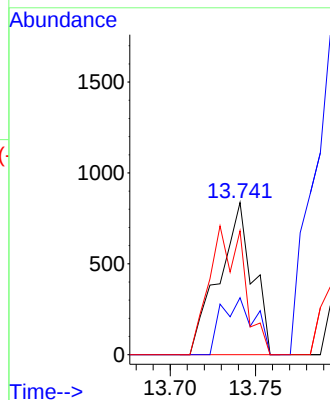
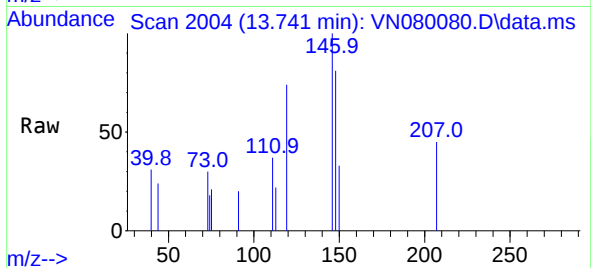
Tgt Ion:146 Resp: 1148

Ion Ratio Lower Upper

146 100

111 36.8 22.1 66.3

148 86.4 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.218 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.076 min

Lab File: VN080080.D

Acq: 14 Nov 2023 11:31

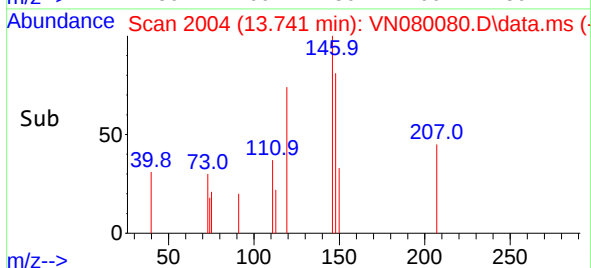
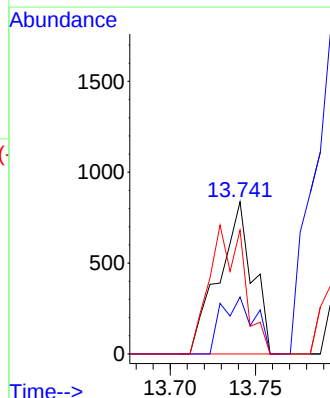
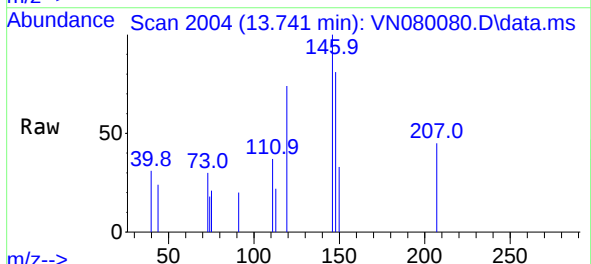
Tgt Ion:146 Resp: 1148

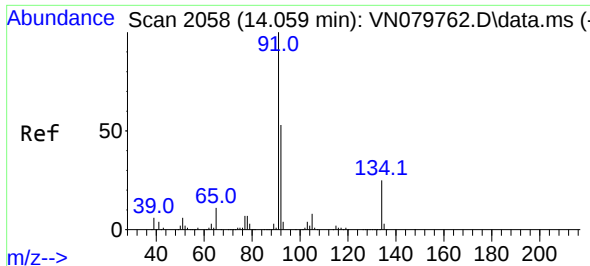
Ion Ratio Lower Upper

146 100

111 36.8 20.6 61.8

148 86.4 31.6 94.8

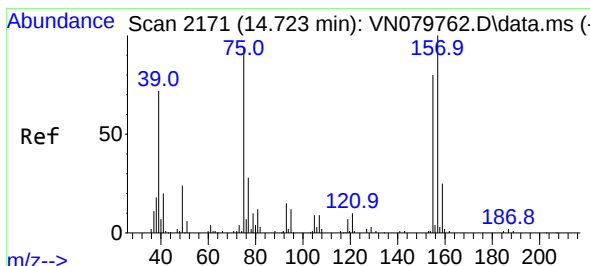
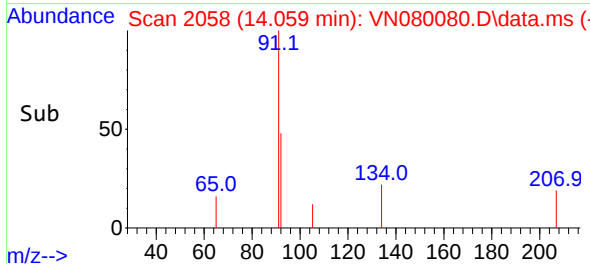
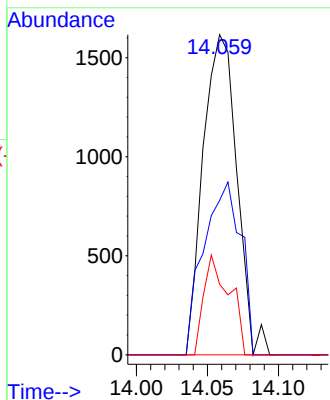
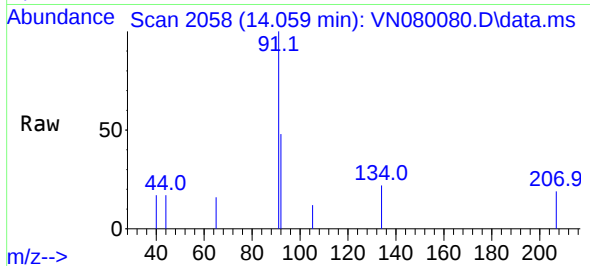




#89
n-Butylbenzene
Concen: 0.378 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31

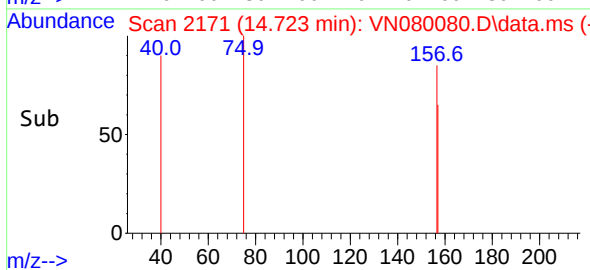
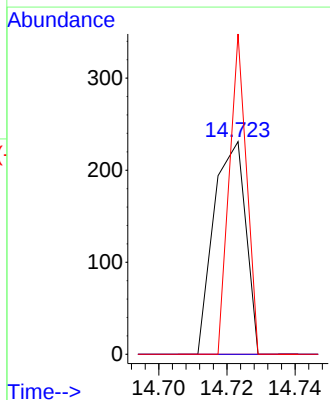
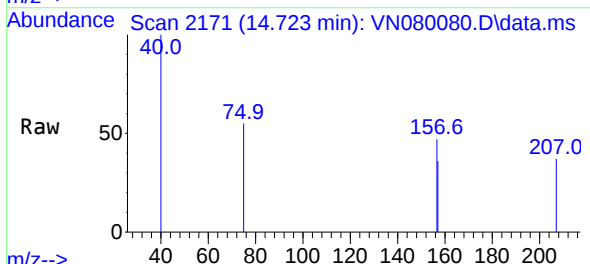
Instrument :
MSVOA_N
ClientSampleId :

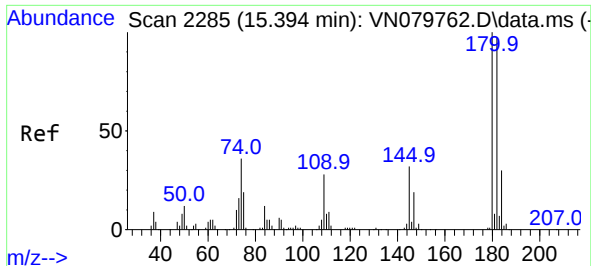
Tgt Ion:	91	Resp:	2673
Ion	Ratio	Lower	Upper
91	100		
92	59.4	26.4	79.0
134	23.6	12.6	37.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.219 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31

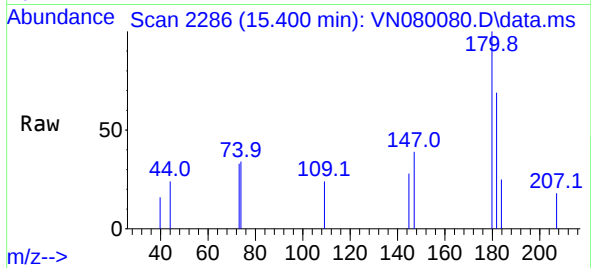
Tgt Ion:	75	Resp:	150
Ion	Ratio	Lower	Upper
75	100		
155	0.0	39.1	117.2#
157	82.0	50.3	150.9



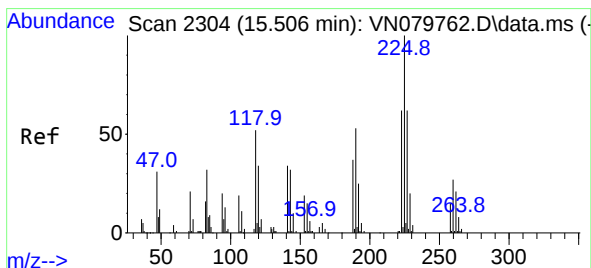
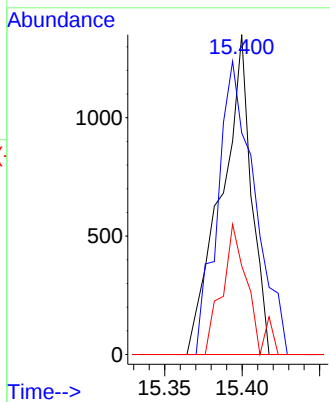
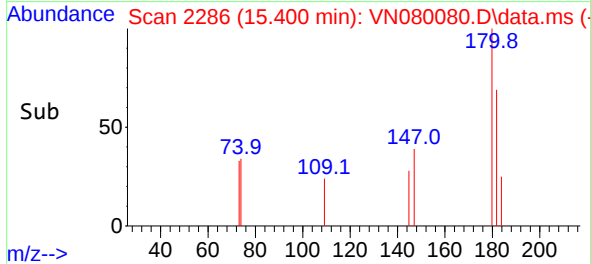


#93
1,2,4-Trichlorobenzene
Concen: 0.782 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :

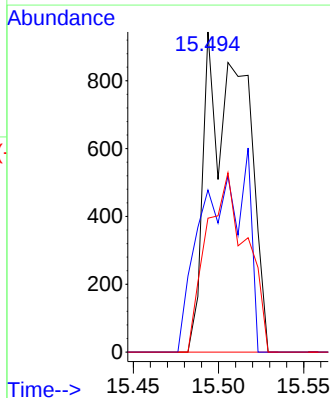
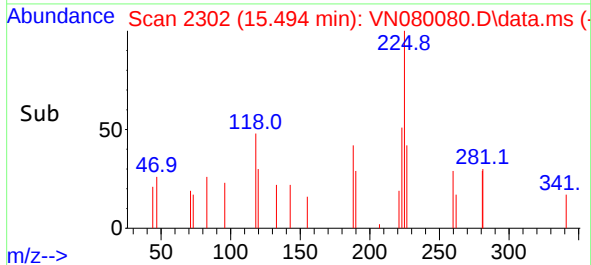
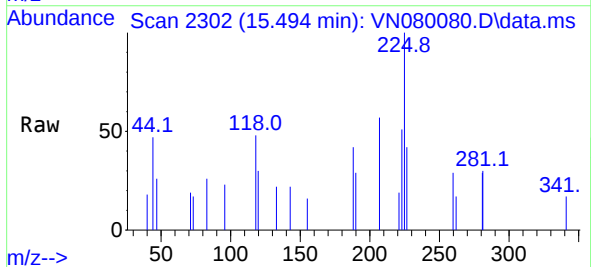


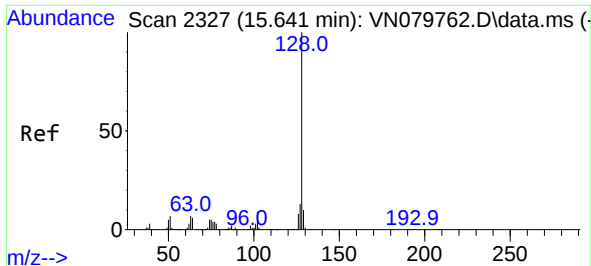
Tgt Ion:180 Resp: 1823
Ion Ratio Lower Upper
180 100
182 112.7 46.1 138.2
145 35.3 16.6 49.8



#94
Hexachlorobutadiene
Concen: 1.489 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.012 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31

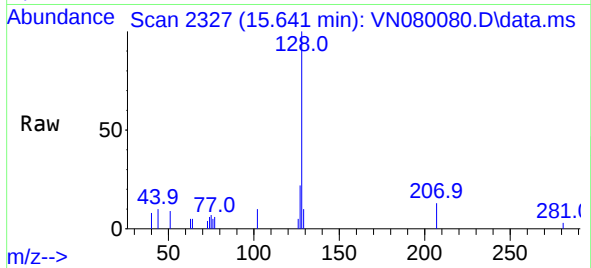
Tgt Ion:225 Resp: 1573
Ion Ratio Lower Upper
225 100
223 32.5 31.3 93.8
227 54.5 31.9 95.9



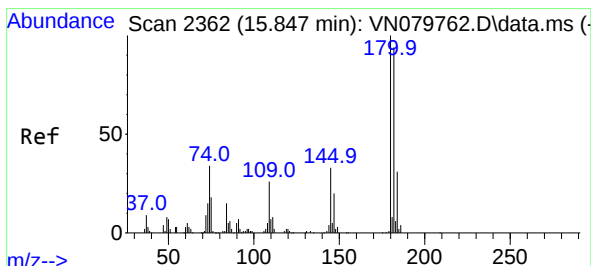
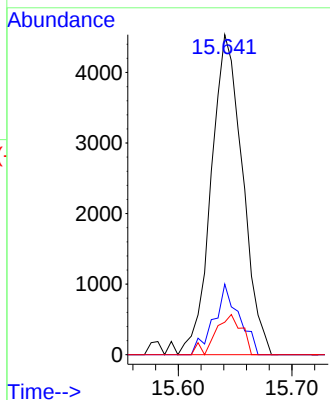
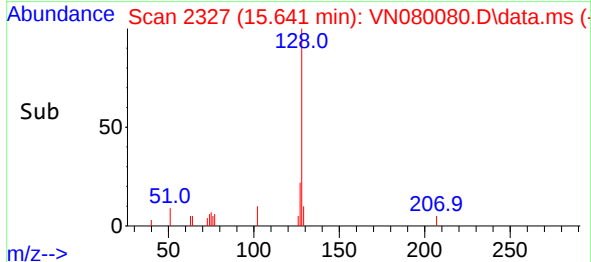


#95
Naphthalene
Concen: 1.101 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31

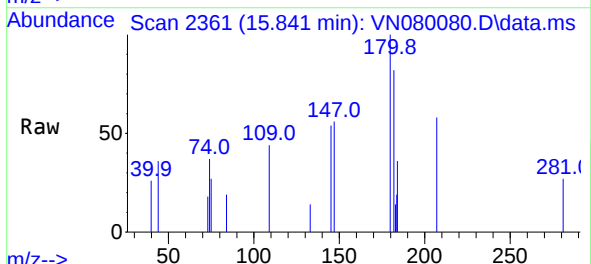
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 8699
Ion Ratio Lower Upper
128 100
127 17.7 10.0 15.0#
129 10.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.013 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080080.D
Acq: 14 Nov 2023 11:31



Tgt Ion:180 Resp: 2313
Ion Ratio Lower Upper
180 100
182 103.5 46.2 138.6
145 28.2 17.5 52.6

