

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041223\
 Data File : VN077308.D
 Acq On : 12 Apr 2023 11:18
 Operator : JC\MD
 Sample : VN0412WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBL01

Quant Time: Apr 13 01:10:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

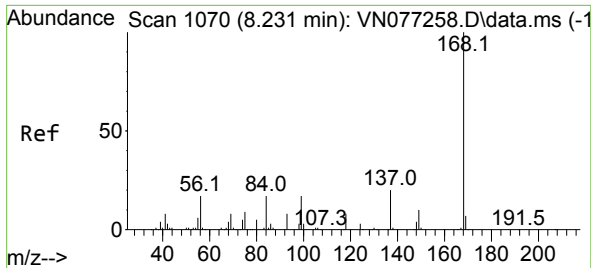
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	495725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	937750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	842238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	298945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	307457	45.379	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.760%		
35) Dibromofluoromethane	8.172	113	281870	46.953	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.900%		
50) Toluene-d8	10.572	98	1145102	47.383	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.760%		
62) 4-Bromofluorobenzene	12.854	95	365753	45.505	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.020%		
Target Compounds						Qvalue
5) Bromomethane	2.978	94	3234	0.420	ug/l #	60
11) Tert butyl alcohol	5.501	59	689	0.498	ug/l #	72
13) Acrolein	4.190	56	267	0.204	ug/l #	83
20) Methylene Chloride	5.272	84	1706	0.242	ug/l #	87
25) 2-Butanone	7.489	43	960	0.237	ug/l #	41
31) Cyclohexane	8.225	56	11912	1.131	ug/l #	33
36) 1,1-Dichloropropene	8.236	75	41570	4.682	ug/l #	48
38) Carbon Tetrachloride	8.231	117	53509	5.882	ug/l #	15
59) 2-Hexanone	11.201	43	1763	0.279	ug/l	92
71) Bromoform	12.848	173	1350	0.273	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	193174	27.136	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	193174	61.065	ug/l #	13
95) Naphthalene	15.583	128	5504	0.371	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.771	180	1020	0.270	ug/l	94

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

Quant Time: Apr 13 01:10:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration

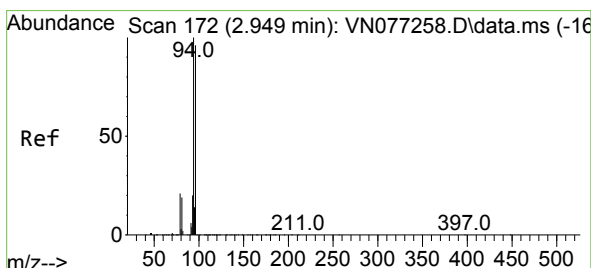
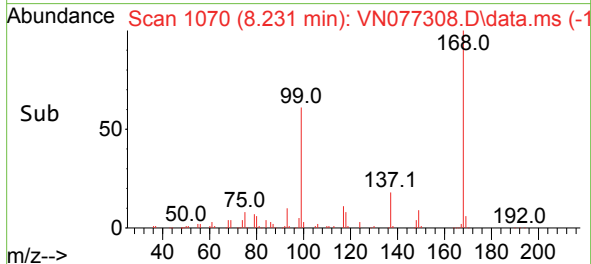
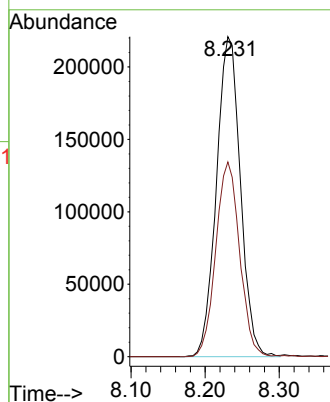
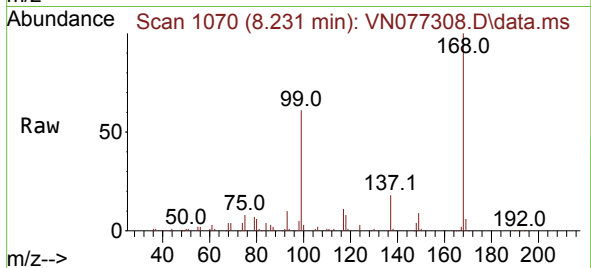




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077308.D
Acq: 12 Apr 2023 11:18

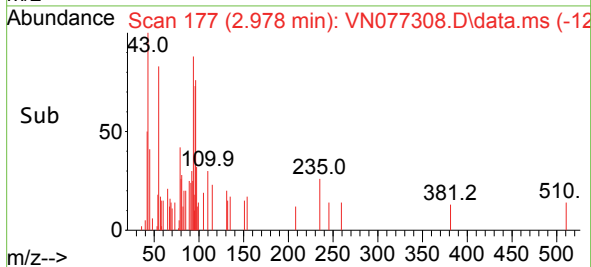
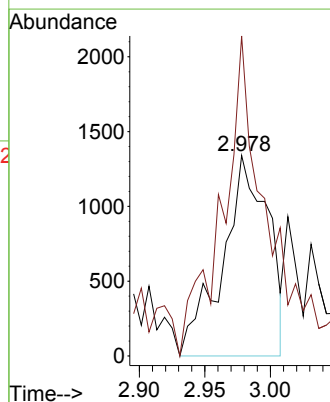
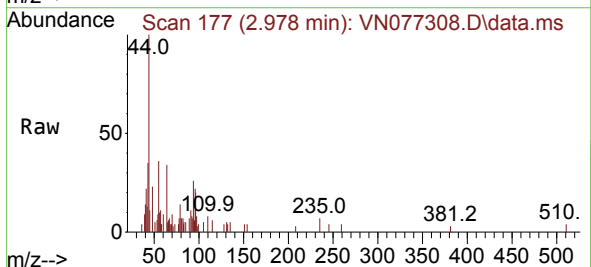
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBL01

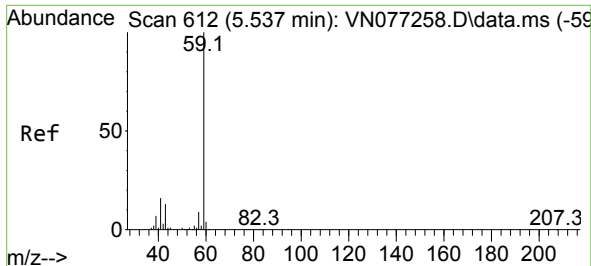
Tgt Ion:168 Resp: 495725
Ion Ratio Lower Upper
168 100
99 60.9 50.6 75.8



#5
Bromomethane
Concen: 0.420 ug/l
RT: 2.978 min Scan# 177
Delta R.T. 0.029 min
Lab File: VN077308.D
Acq: 12 Apr 2023 11:18

Tgt Ion: 94 Resp: 3234
Ion Ratio Lower Upper
94 100
96 135.6 77.0 115.4#

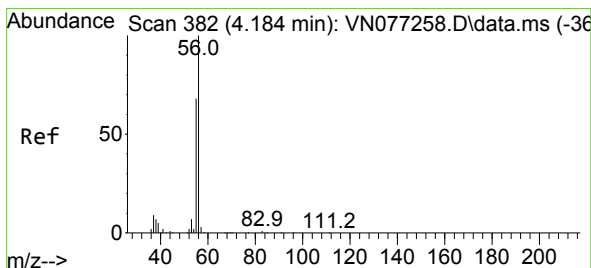
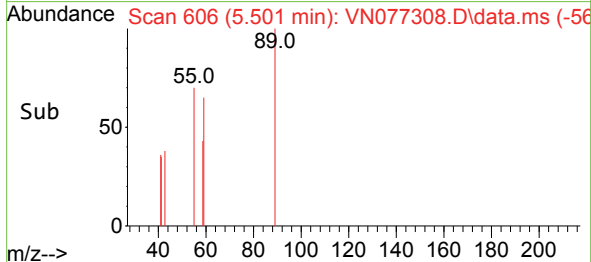
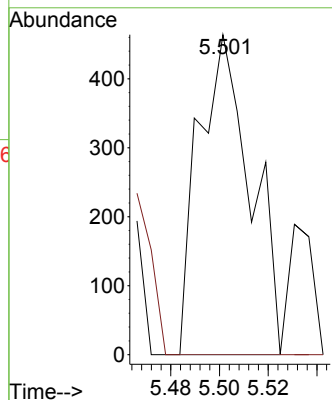
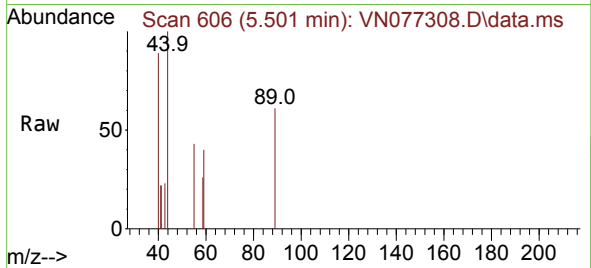




#11
Tert butyl alcohol
Concen: 0.498 ug/l
RT: 5.501 min Scan# 606
Delta R.T. -0.036 min
Lab File: VN077308.D
Acq: 12 Apr 2023 11:18

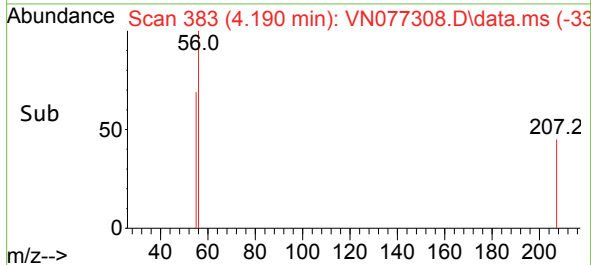
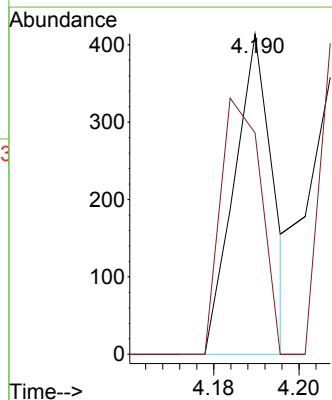
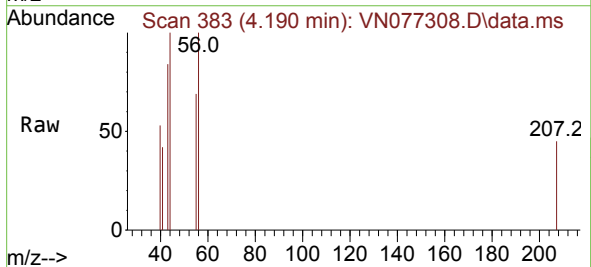
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBL01

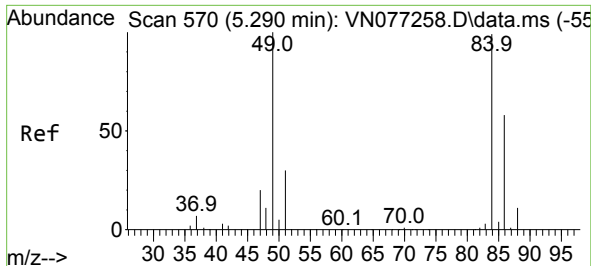
Tgt Ion: 59 Resp: 689
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 0.204 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN077308.D
Acq: 12 Apr 2023 11:18

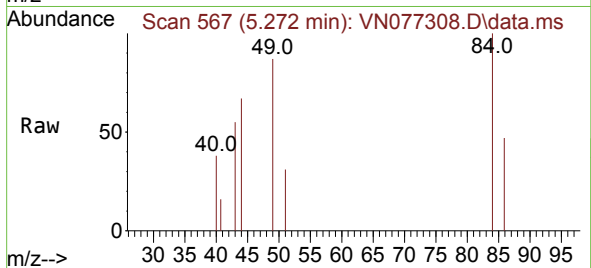
Tgt Ion: 56 Resp: 267
Ion Ratio Lower Upper
56 100
55 81.6 54.2 81.2#



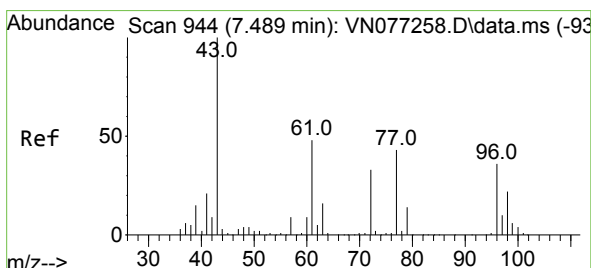
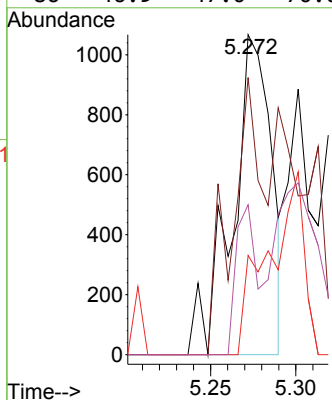
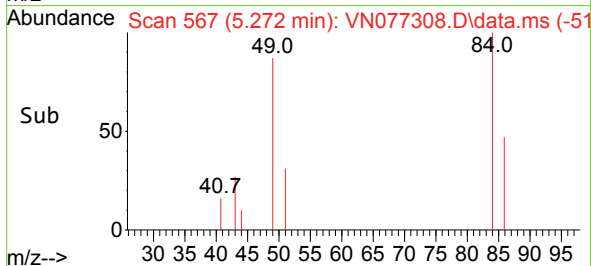


#20
Methylene Chloride
Concen: 0.242 ug/l
RT: 5.272 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN077308.D
Acq: 12 Apr 2023 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBL01

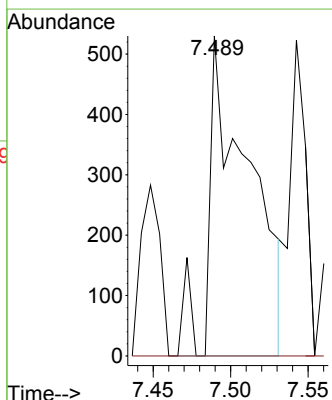
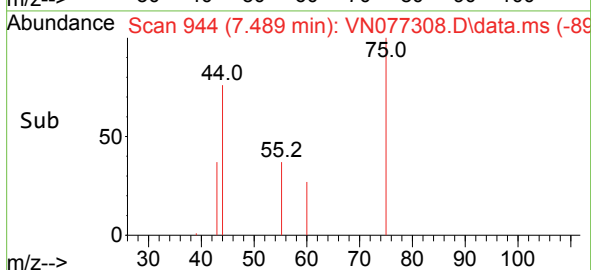
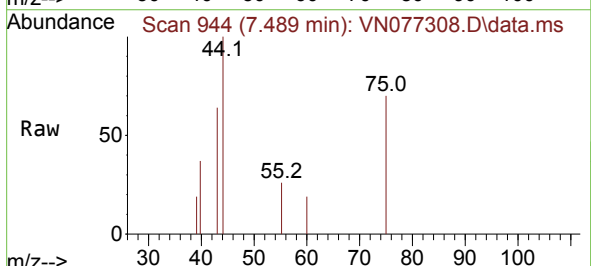


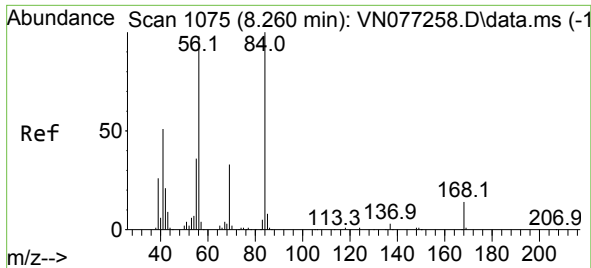
Tgt Ion: 84 Resp: 1706
Ion Ratio Lower Upper
84 100
49 86.6 80.6 121.0
51 31.0 24.4 36.6
86 46.9 47.0 70.6#



#25
2-Butanone
Concen: 0.237 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077308.D
Acq: 12 Apr 2023 11:18

Tgt Ion: 43 Resp: 960
Ion Ratio Lower Upper
43 100
72 0.0 26.6 39.8#

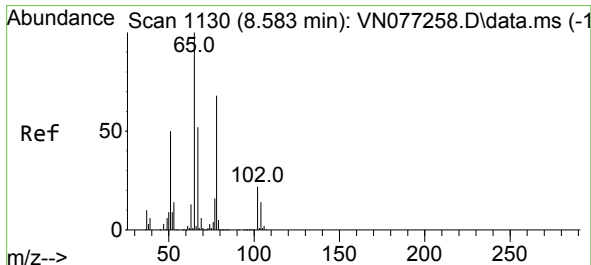
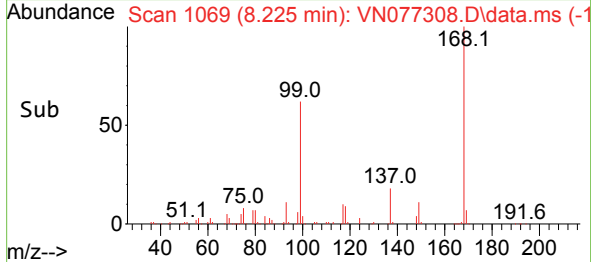
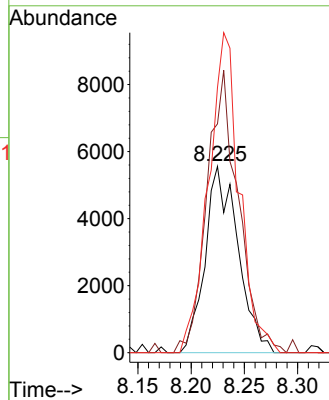
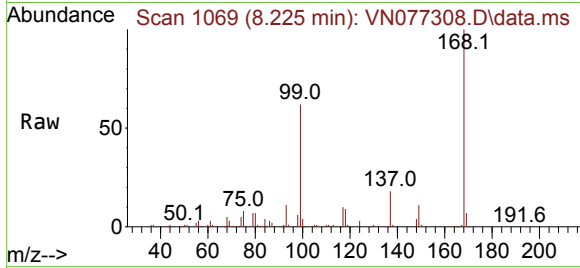




#31
Cyclohexane
Concen: 1.131 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.035 min
Lab File: VN077308.D
Acq: 12 Apr 2023 11:18

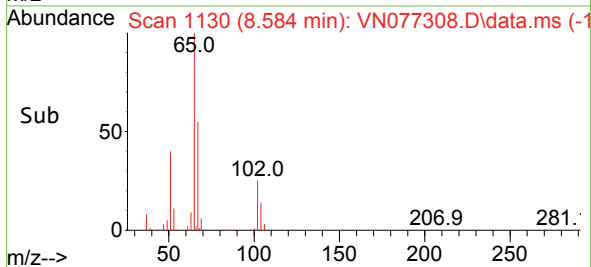
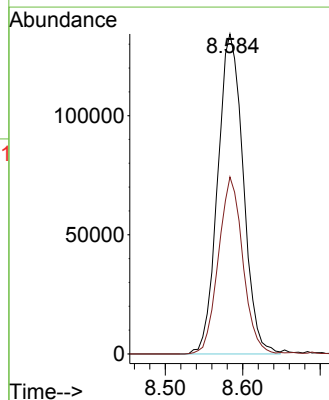
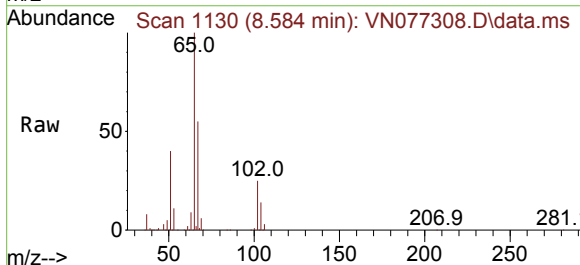
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBL01

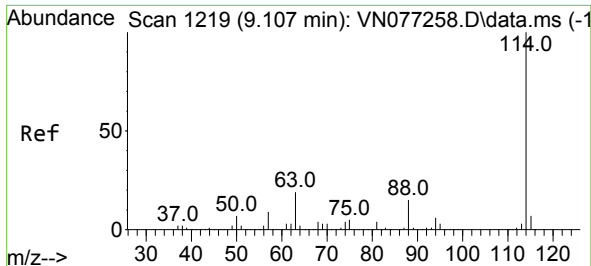
Tgt Ion: 56 Resp: 11912
Ion Ratio Lower Upper
56 100
69 119.6 26.6 40.0#
84 142.3 81.8 122.8#



#33
1,2-Dichloroethane-d4
Concen: 45.379 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077308.D
Acq: 12 Apr 2023 11:18

Tgt Ion: 65 Resp: 307457
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077308.D

Acq: 12 Apr 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBL01

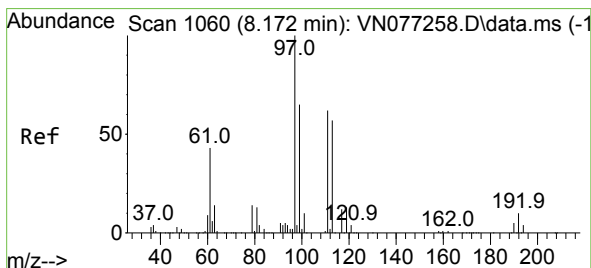
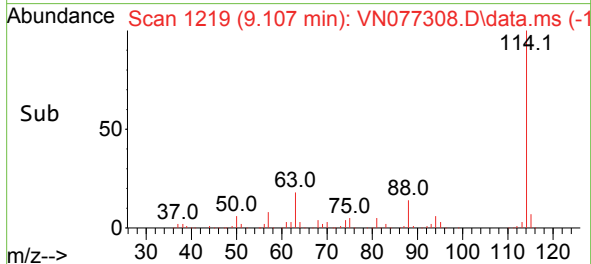
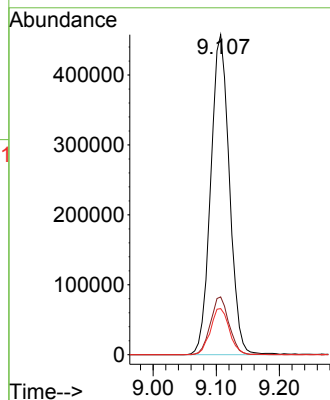
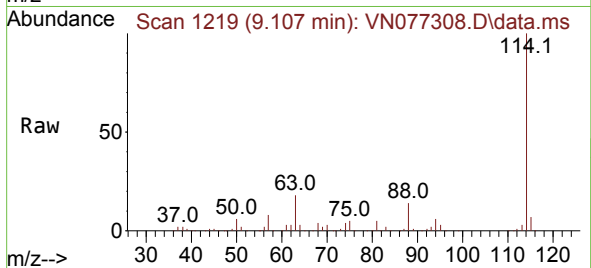
Tgt Ion:114 Resp: 937750

Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.8

88 14.4 0.0 29.4



#35

Dibromofluoromethane

Concen: 46.953 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077308.D

Acq: 12 Apr 2023 11:18

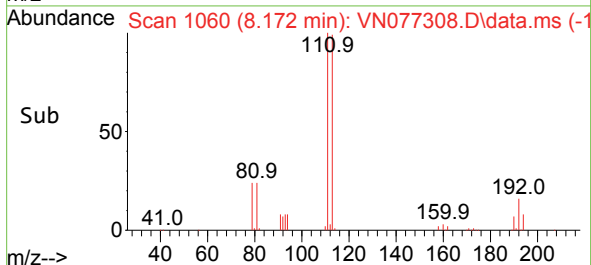
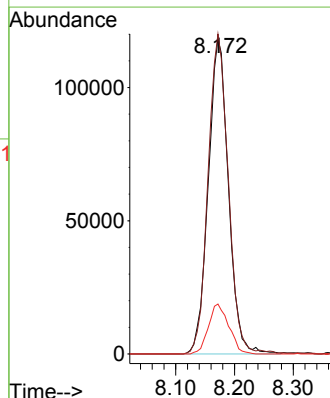
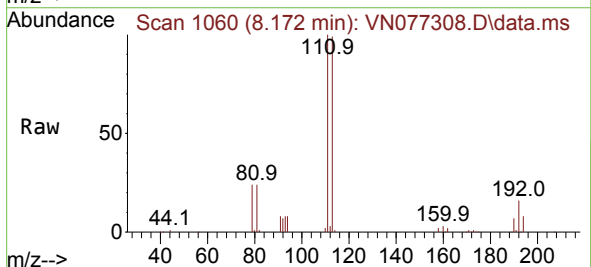
Tgt Ion:113 Resp: 281870

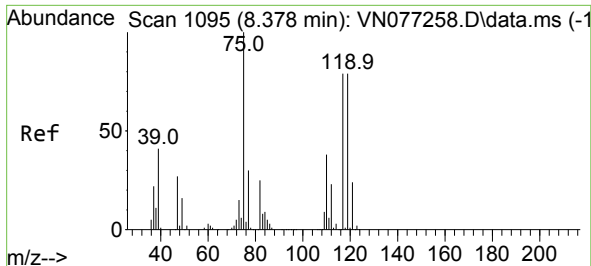
Ion Ratio Lower Upper

113 100

111 102.0 83.4 125.0

192 16.0 13.5 20.3





#36

1,1-Dichloropropene

Concen: 4.682 ug/l

RT: 8.236 min Scan# 1071

Delta R.T. -0.142 min

Lab File: VN077308.D

Acq: 12 Apr 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBL01

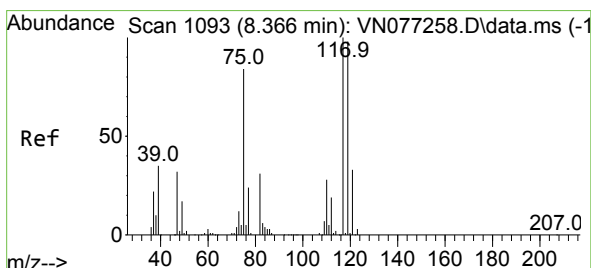
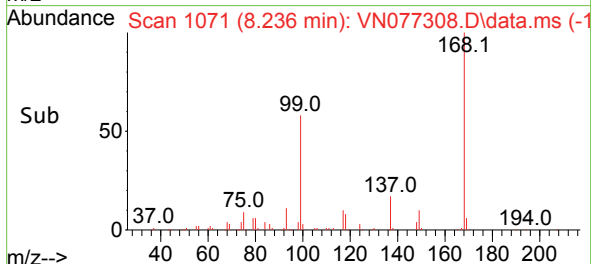
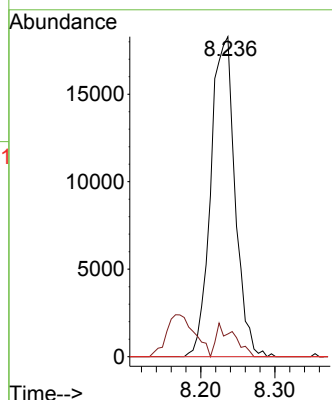
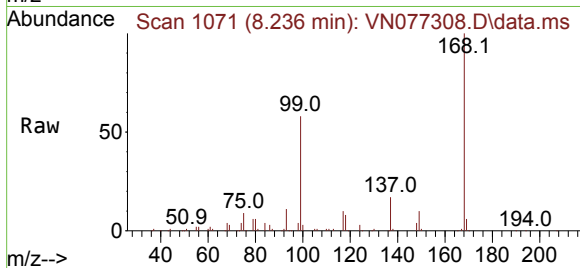
Tgt Ion: 75 Resp: 41570

Ion Ratio Lower Upper

75 100

110 7.8 17.8 53.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.882 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.135 min

Lab File: VN077308.D

Acq: 12 Apr 2023 11:18

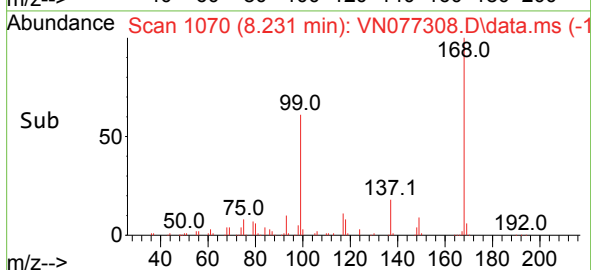
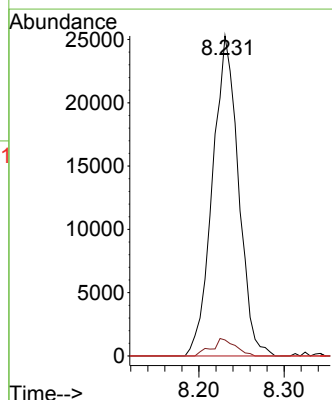
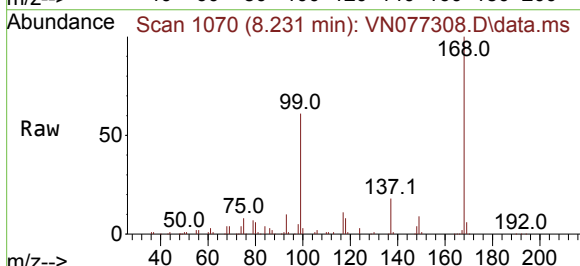
Tgt Ion: 117 Resp: 53509

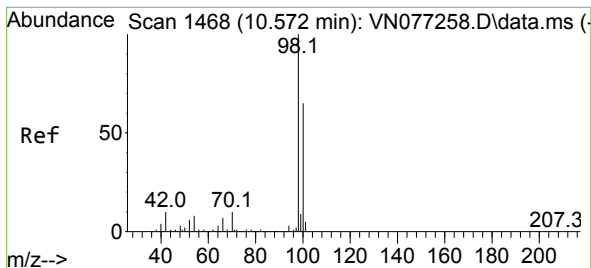
Ion Ratio Lower Upper

117 100

119 5.0 78.5 117.7#

121 0.0 26.6 40.0#

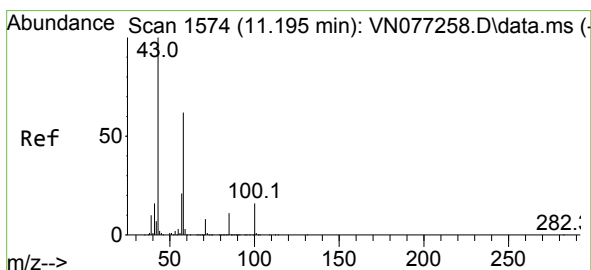
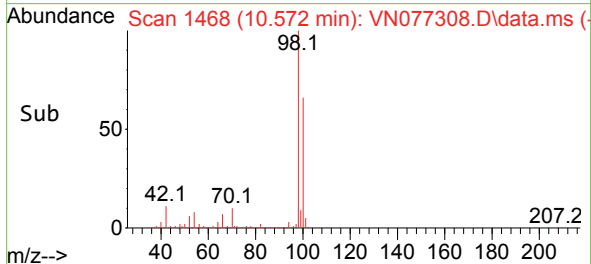
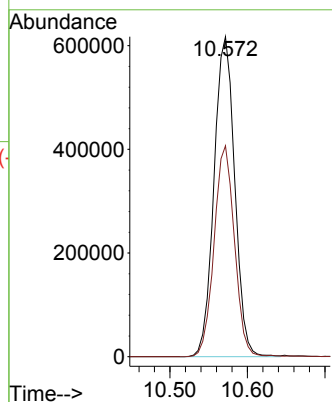
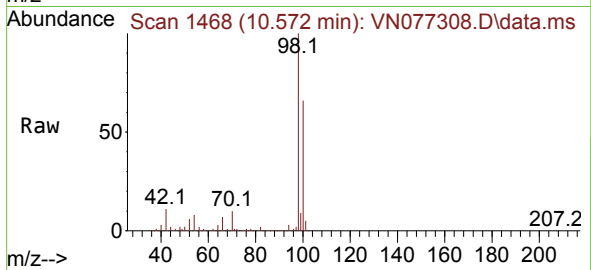




#50
Toluene-d8
Concen: 47.383 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077308.D
Acq: 12 Apr 2023 11:18

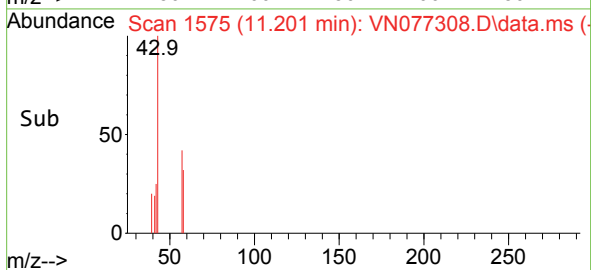
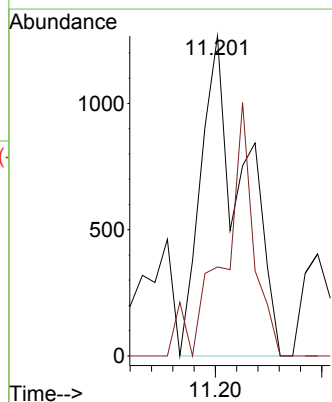
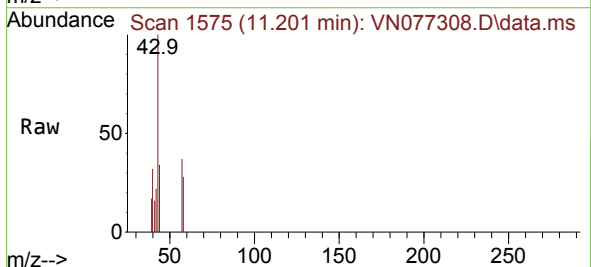
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBL01

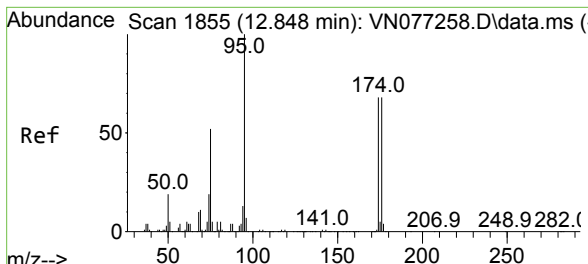
Tgt Ion: 98 Resp: 1145102
Ion Ratio Lower Upper
98 100
100 64.8 51.3 76.9



#59
2-Hexanone
Concen: 0.279 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077308.D
Acq: 12 Apr 2023 11:18

Tgt Ion: 43 Resp: 1763
Ion Ratio Lower Upper
43 100
58 55.6 30.9 92.5

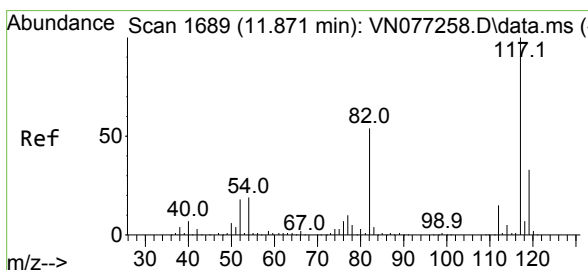
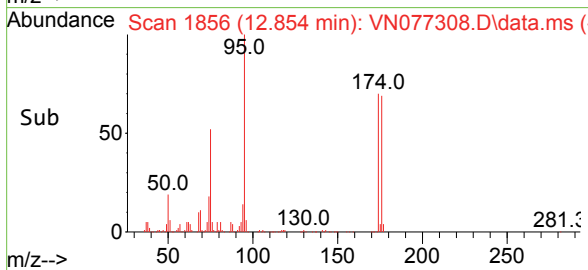
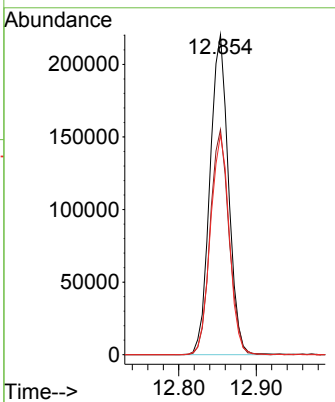
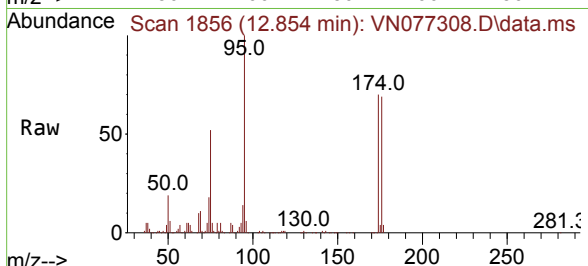




#62
 4-Bromofluorobenzene
 Concen: 45.505 ug/l
 RT: 12.854 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: VN077308.D
 Acq: 12 Apr 2023 11:18

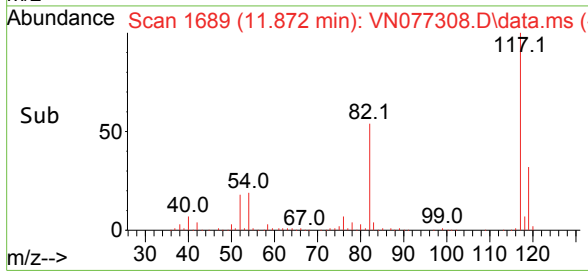
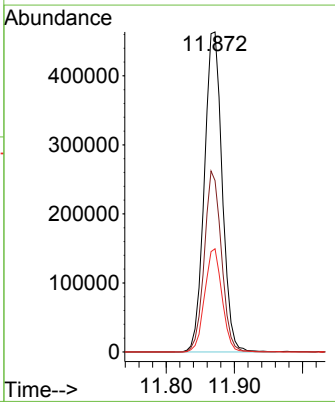
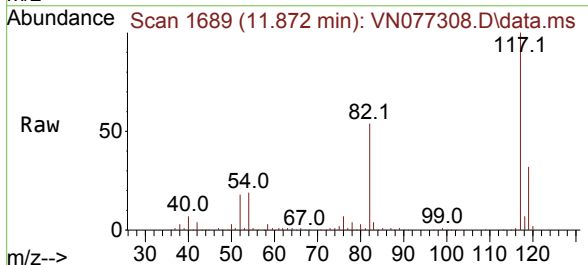
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBL01

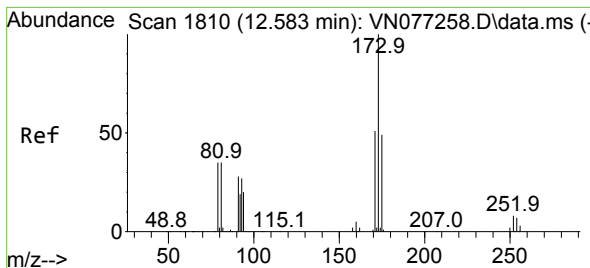
Tgt Ion:	95	Resp:	365753
Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	146.8
176	69.9	0.0	139.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.872 min Scan# 1689
 Delta R.T. 0.001 min
 Lab File: VN077308.D
 Acq: 12 Apr 2023 11:18

Tgt Ion:	117	Resp:	842238
Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.9	64.3
119	32.3	26.2	39.4





#71

Bromoform

Concen: 0.273 ug/l

RT: 12.848 min Scan# 1810

Delta R.T. 0.265 min

Lab File: VN077308.D

Acq: 12 Apr 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBL01

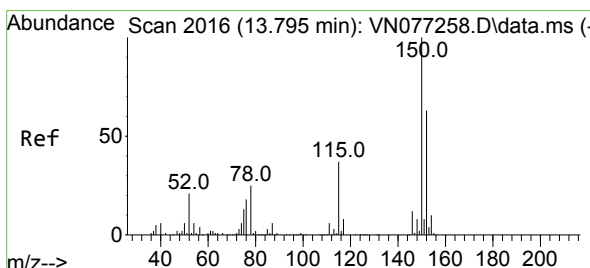
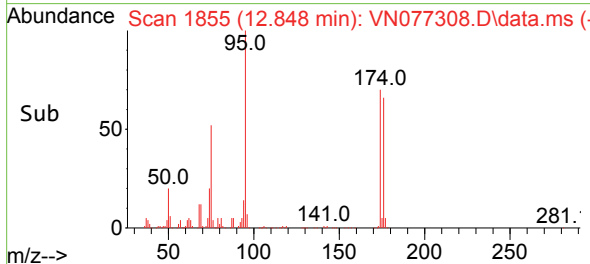
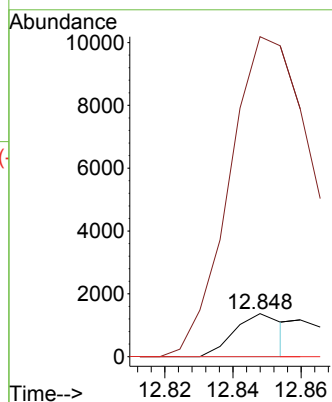
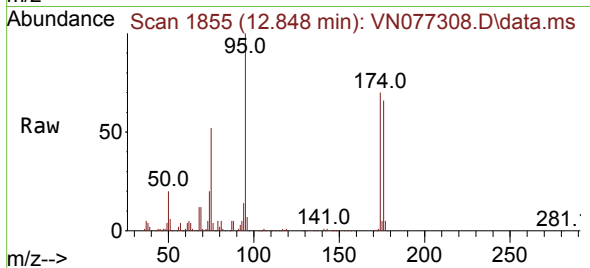
Tgt Ion:173 Resp: 1350

Ion Ratio Lower Upper

173 100

175 1080.3 24.1 72.4#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077308.D

Acq: 12 Apr 2023 11:18

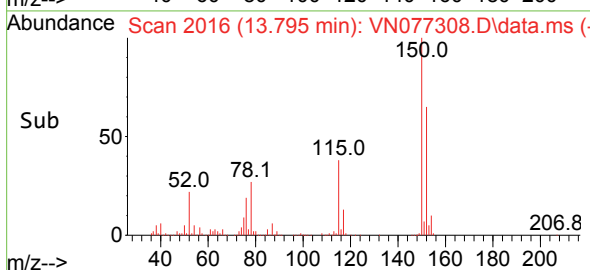
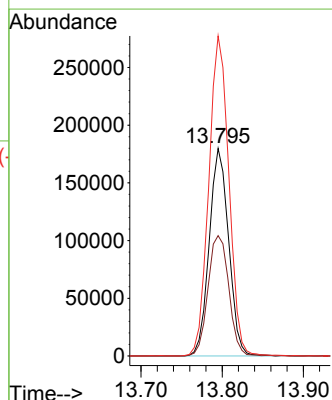
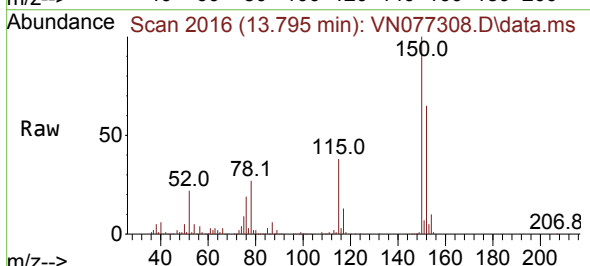
Tgt Ion:152 Resp: 298945

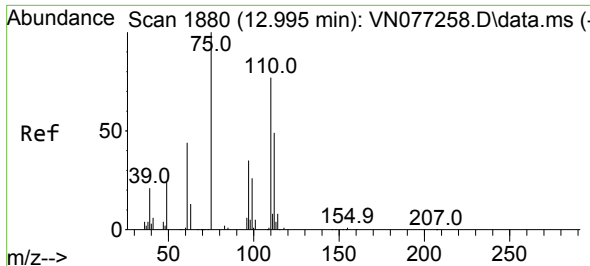
Ion Ratio Lower Upper

152 100

115 62.1 32.1 96.3

150 159.3 0.0 354.8

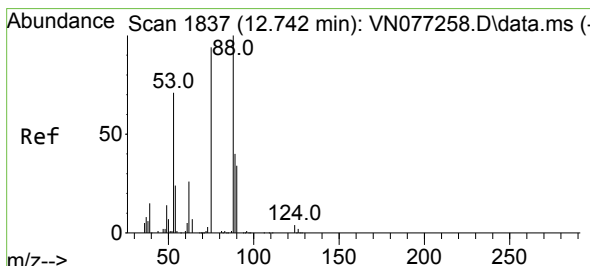
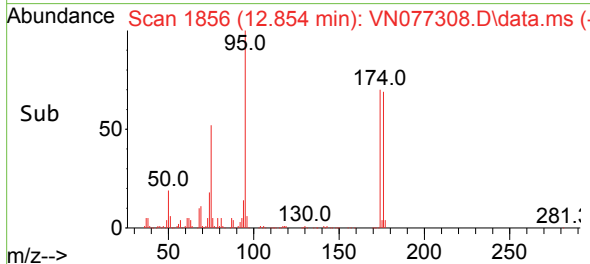
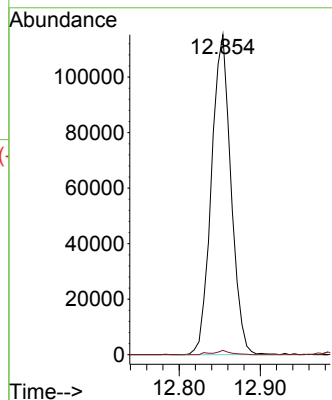
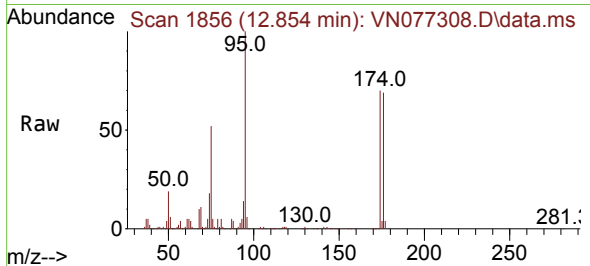




#76
1,2,3-Trichloropropane
Concen: 27.136 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077308.D
Acq: 12 Apr 2023 11:18

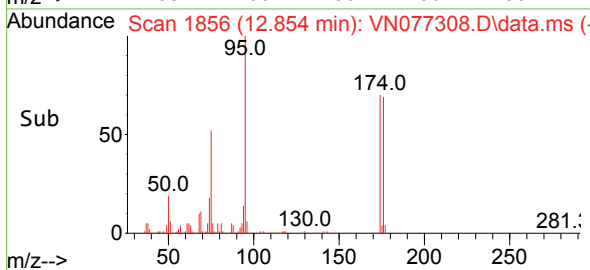
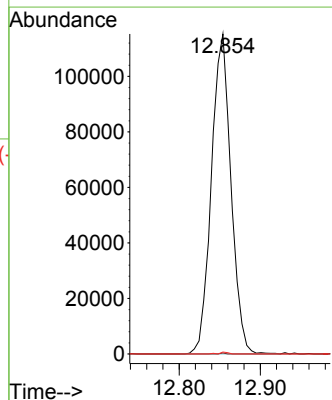
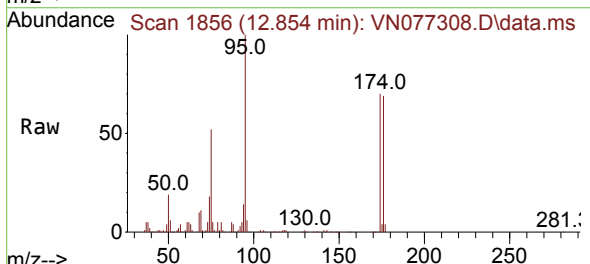
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBL01

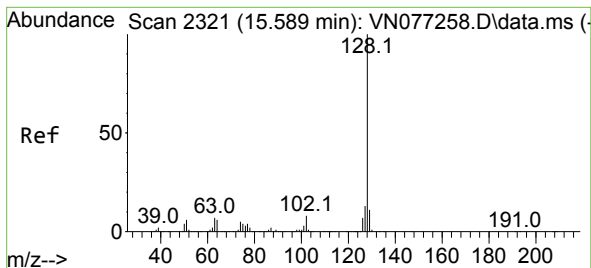
Tgt Ion: 75 Resp: 193174
Ion Ratio Lower Upper
75 100
77 1.2 88.3 264.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.065 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN077308.D
Acq: 12 Apr 2023 11:18

Tgt Ion: 75 Resp: 193174
Ion Ratio Lower Upper
75 100
53 0.1 72.8 109.2#
89 0.3 37.4 56.2#





#95

Naphthalene

Concen: 0.371 ug/l

RT: 15.583 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN077308.D

Acq: 12 Apr 2023 11:18

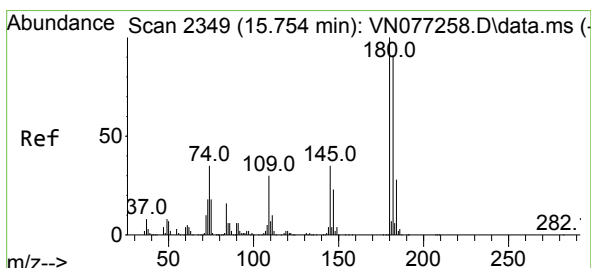
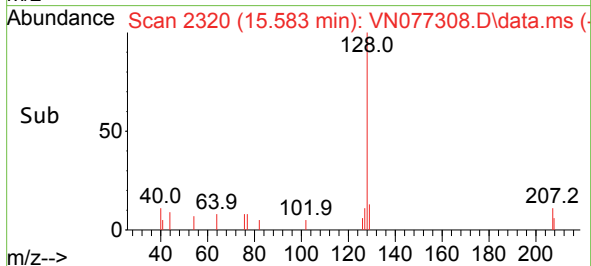
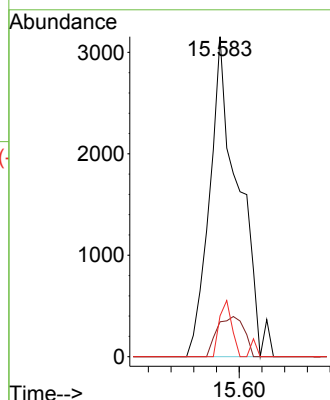
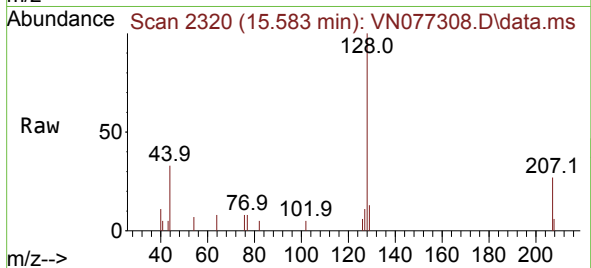
Instrument :

MSVOA_N

ClientSampleId :

VN0412WBL01

Tgt Ion:128	Resp:	5504
Ion Ratio	Lower	Upper
128	100	
127	11.9	10.2 15.4
129	7.6	8.9 13.3#



#96

1,2,3-Trichlorobenzene

Concen: 0.270 ug/l

RT: 15.771 min Scan# 2352

Delta R.T. 0.017 min

Lab File: VN077308.D

Acq: 12 Apr 2023 11:18

Tgt Ion:180	Resp:	1020
Ion Ratio	Lower	Upper
180	100	
182	86.4	46.9 140.8
145	36.9	17.6 52.8

