

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041723\
 Data File : VN077352.D
 Acq On : 17 Apr 2023 11:49
 Operator : JC\MD
 Sample : VN0417WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBL01

Quant Time: Apr 18 04:40:05 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)

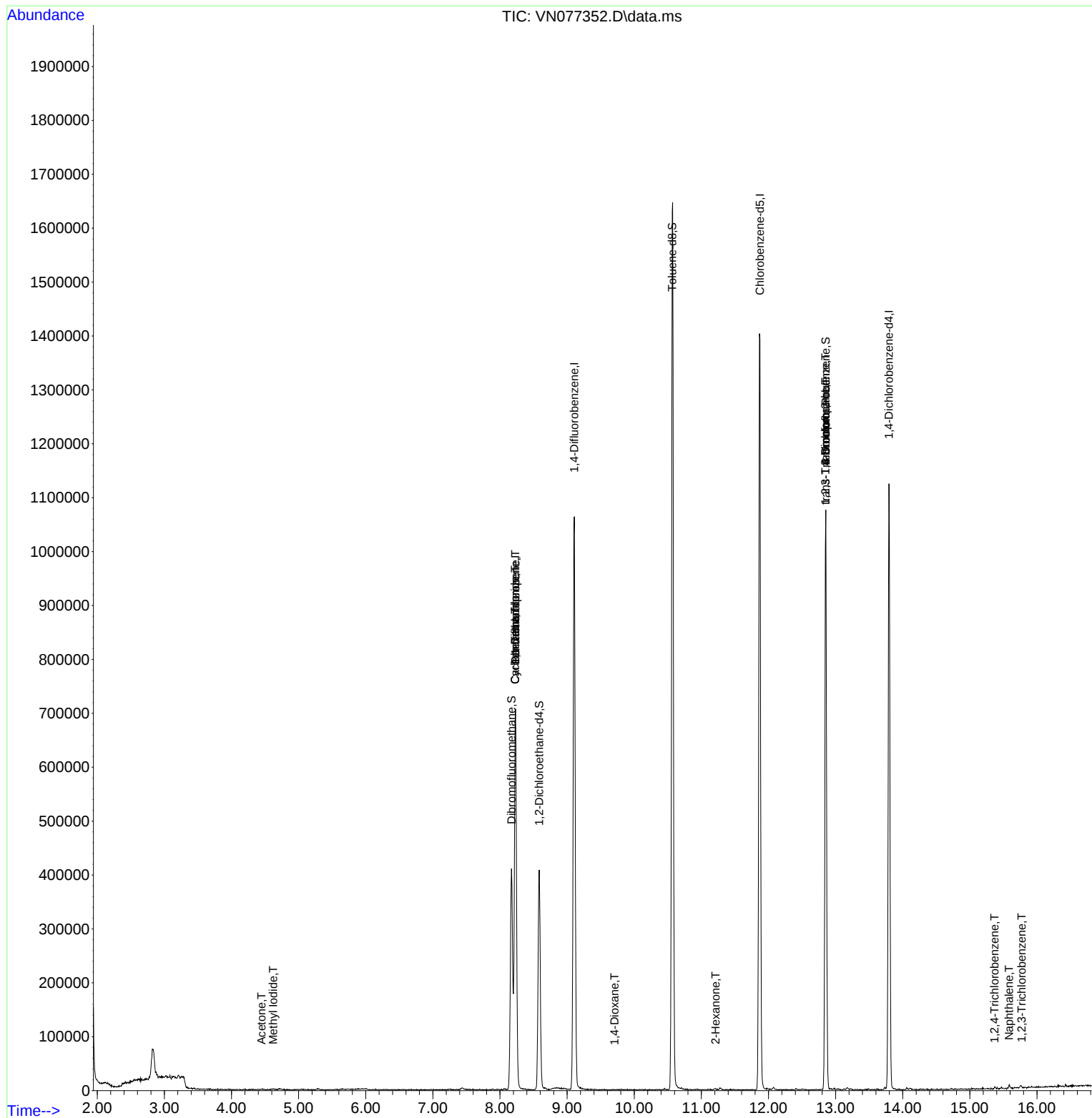
Internal Standards						
1) Pentafluorobenzene	8.231	168	511992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	979694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	867487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	305311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	321249	45.909	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.820%		
35) Dibromofluoromethane	8.172	113	299407	47.739	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.480%		
50) Toluene-d8	10.566	98	1205678	47.754	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.500%		
62) 4-Bromofluorobenzene	12.854	95	374225	44.566	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.140%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.619	142	1561	0.220	ug/l #	44
16) Acetone	4.449	43	704	0.273	ug/l	92
31) Cyclohexane	8.225	56	12138	1.116	ug/l #	42
36) 1,1-Dichloropropene	8.231	75	42397	4.571	ug/l #	41
38) Carbon Tetrachloride	8.225	117	55545	5.845	ug/l #	15
49) 1,4-Dioxane	9.707	88	55	0.347	ug/l #	1
59) 2-Hexanone	11.213	43	2211	0.335	ug/l	68
71) Bromoform	12.854	173	2061	0.405	ug/l #	1
76) 1,2,3-Trichloropropane	12.848	75	199145	27.392	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.848	75	199145	61.640	ug/l #	13
93) 1,2,4-Trichlorobenzene	15.366	180	826	0.205	ug/l	84
95) Naphthalene	15.583	128	5336	0.353	ug/l	96
96) 1,2,3-Trichlorobenzene	15.771	180	1049	0.272	ug/l	93

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

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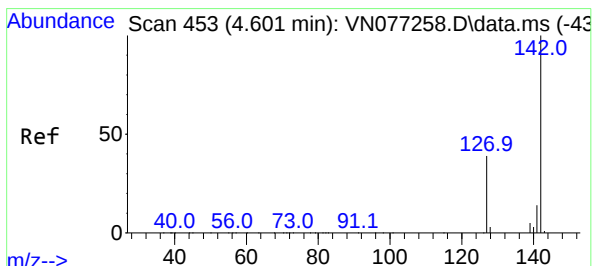
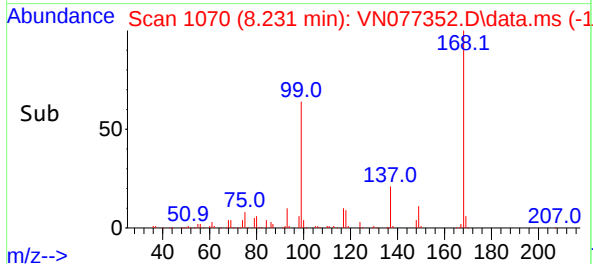
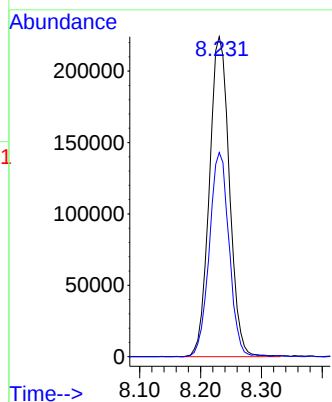
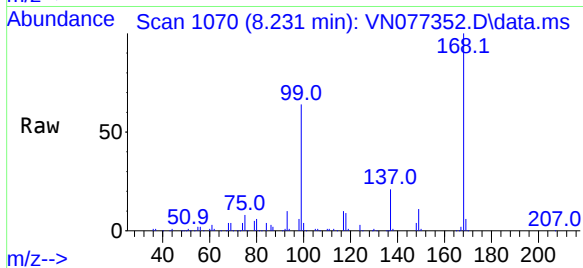




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077352.D
Acq: 17 Apr 2023 11:49

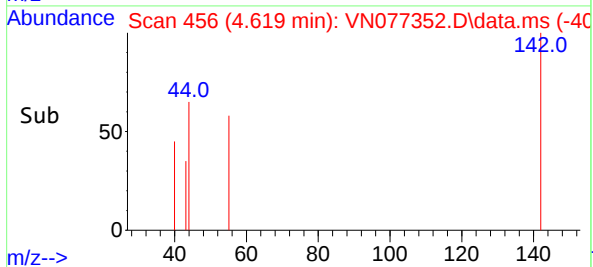
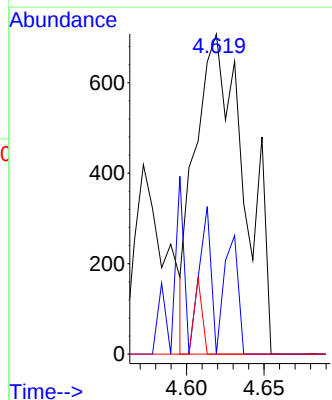
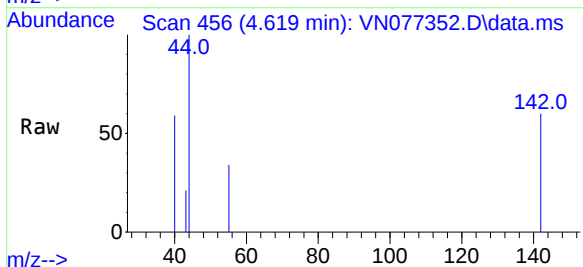
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBL01

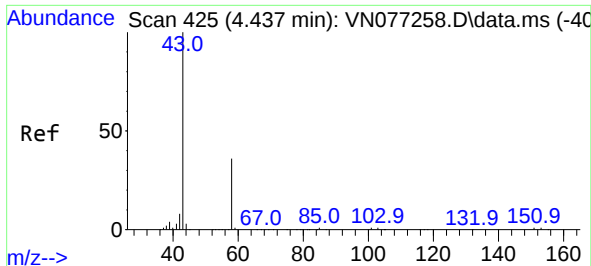
Tgt Ion:168 Resp: 511992
Ion Ratio Lower Upper
168 100
99 63.8 50.6 75.8



#10
Methyl Iodide
Concen: 0.220 ug/l
RT: 4.619 min Scan# 456
Delta R.T. 0.018 min
Lab File: VN077352.D
Acq: 17 Apr 2023 11:49

Tgt Ion:142 Resp: 1561
Ion Ratio Lower Upper
142 100
127 0.0 31.5 47.3#
141 0.0 11.4 17.2#

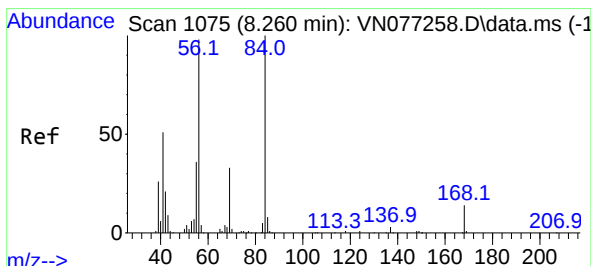
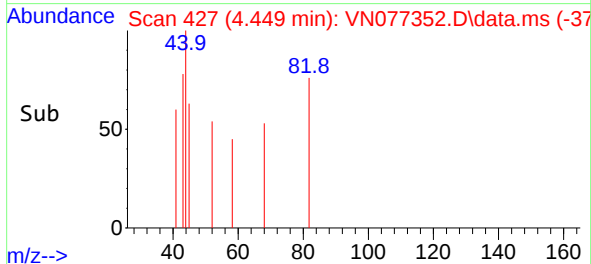
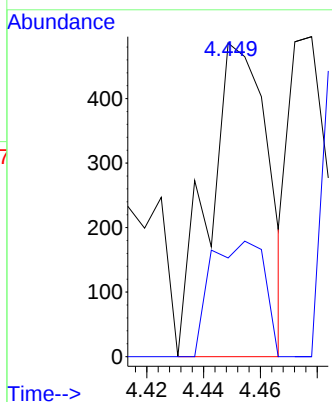
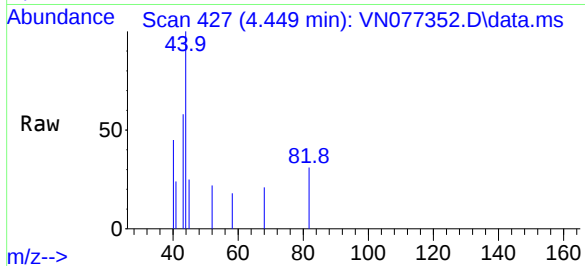




#16
Acetone
Concen: 0.273 ug/l
RT: 4.449 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN077352.D
Acq: 17 Apr 2023 11:49

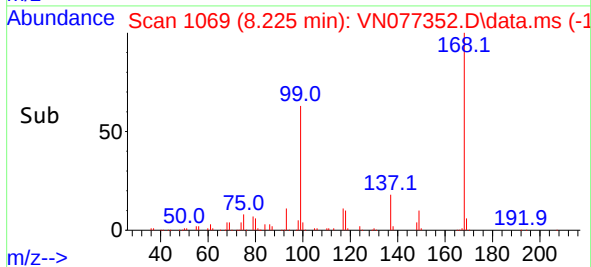
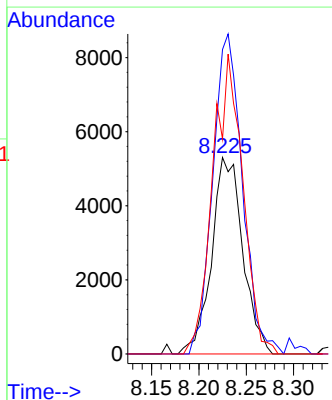
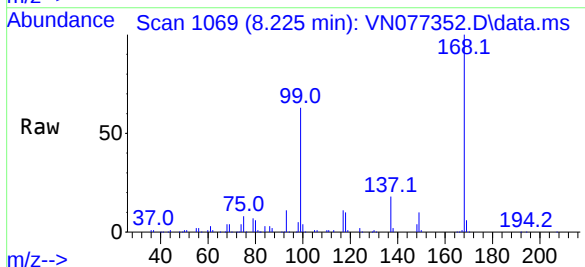
Instrument :
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ClientSampleId :
VN0417WBL01

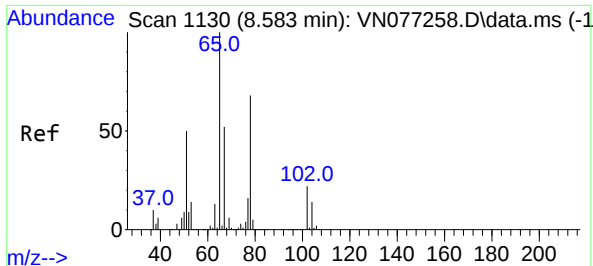
Tgt Ion: 43 Resp: 704
Ion Ratio Lower Upper
43 100
58 31.5 29.0 43.6



#31
Cyclohexane
Concen: 1.116 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.035 min
Lab File: VN077352.D
Acq: 17 Apr 2023 11:49

Tgt Ion: 56 Resp: 12138
Ion Ratio Lower Upper
56 100
69 155.0 26.6 40.0#
84 109.4 81.8 122.8

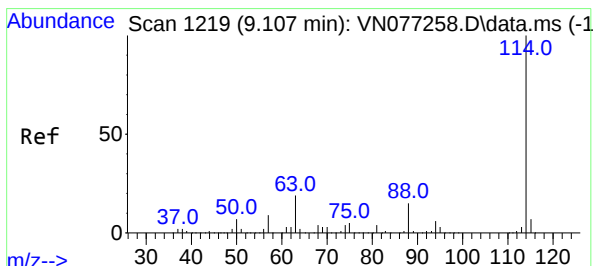
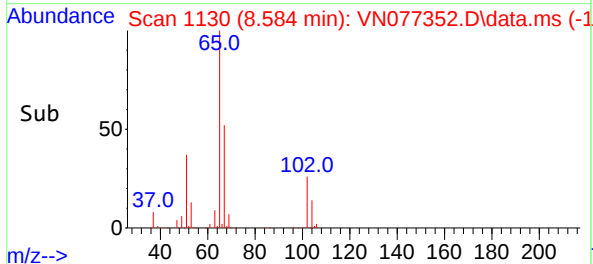
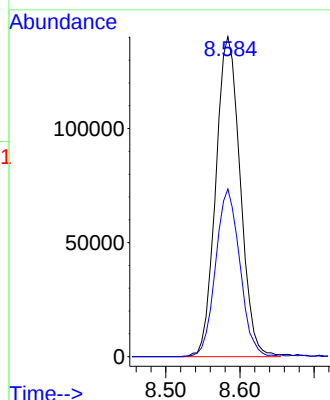
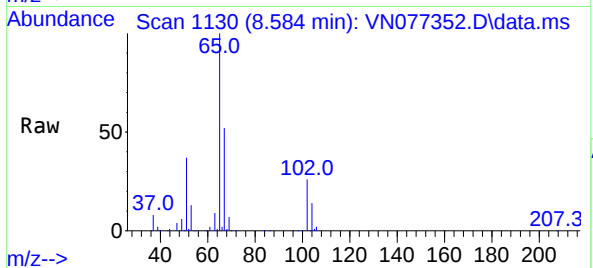




#33
1,2-Dichloroethane-d4
Concen: 45.909 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077352.D
Acq: 17 Apr 2023 11:49

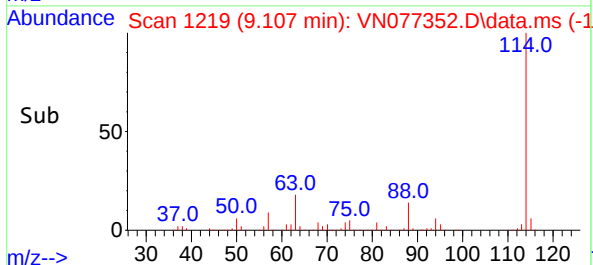
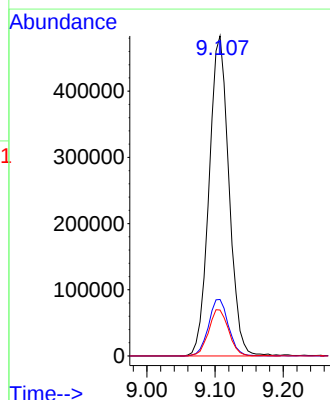
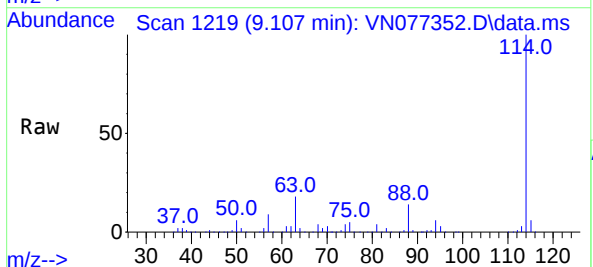
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBL01

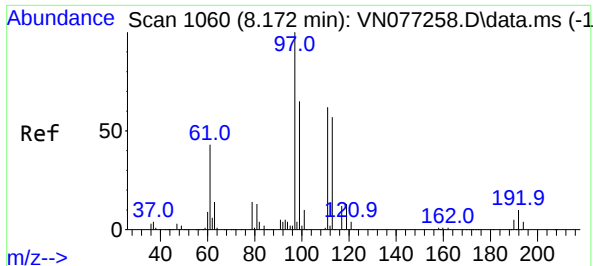
Tgt Ion: 65 Resp: 321249
Ion Ratio Lower Upper
65 100
67 52.2 0.0 108.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077352.D
Acq: 17 Apr 2023 11:49

Tgt Ion: 114 Resp: 979694
Ion Ratio Lower Upper
114 100
63 17.6 0.0 37.8
88 14.4 0.0 29.4

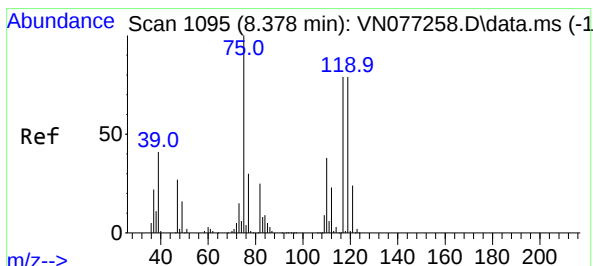
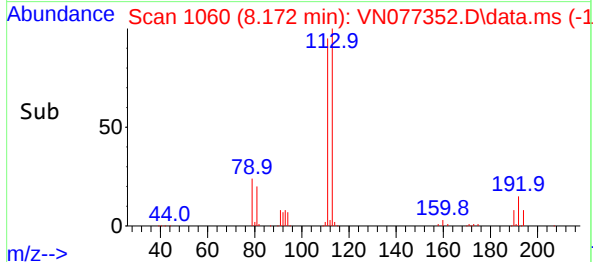
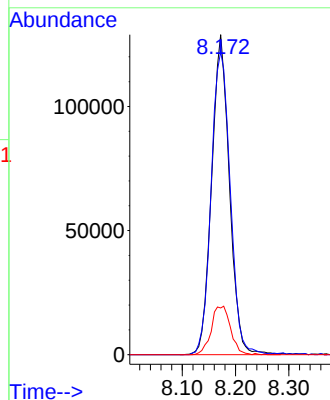
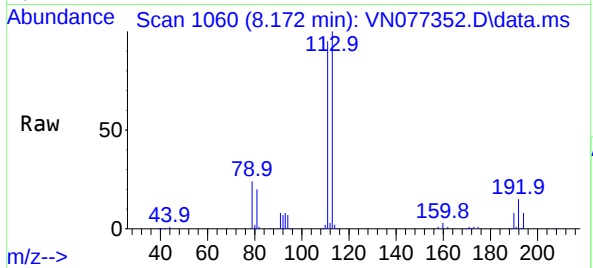




#35
Dibromofluoromethane
Concen: 47.739 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077352.D
Acq: 17 Apr 2023 11:49

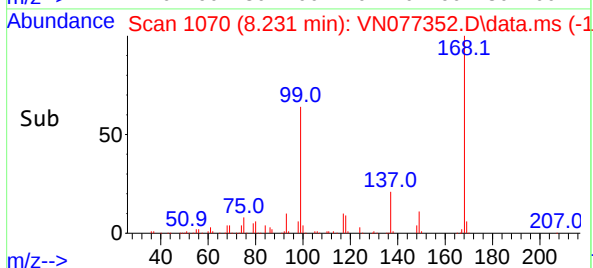
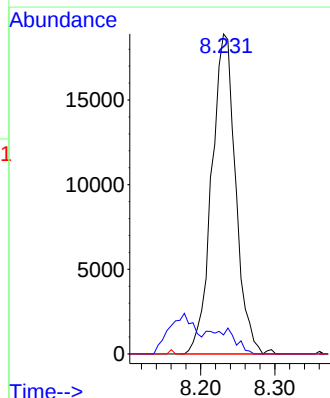
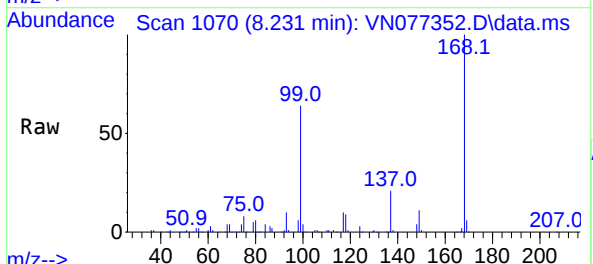
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBL01

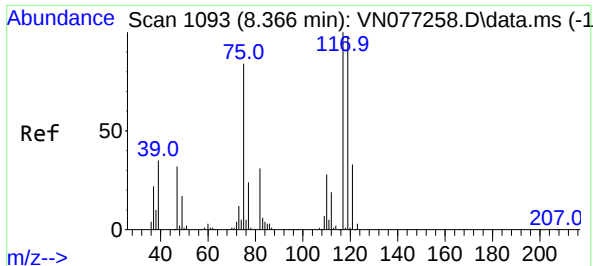
Tgt Ion: 113 Resp: 299407
Ion Ratio Lower Upper
113 100
111 101.3 83.4 125.0
192 16.3 13.5 20.3



#36
1,1-Dichloropropene
Concen: 4.571 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN077352.D
Acq: 17 Apr 2023 11:49

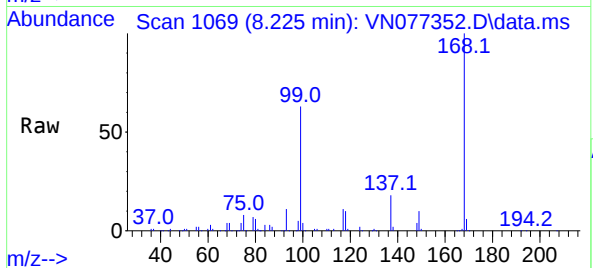
Tgt Ion: 75 Resp: 42397
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.5#
77 0.0 25.0 37.4#



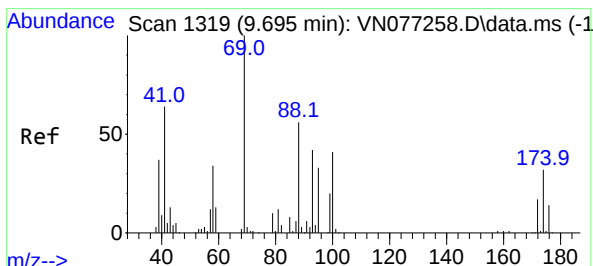
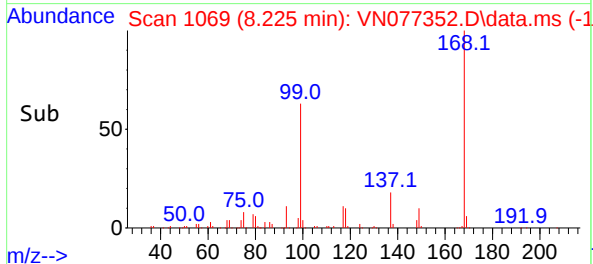
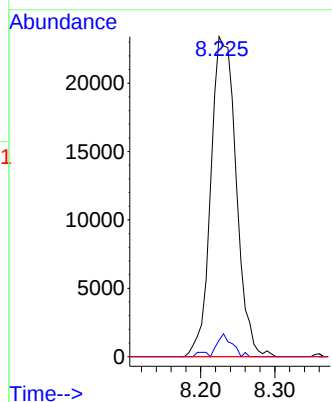


#38
Carbon Tetrachloride
Concen: 5.845 ug/l
RT: 8.225 min Scan# 11
Delta R.T. -0.141 min
Lab File: VN077352.D
Acq: 17 Apr 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBL01

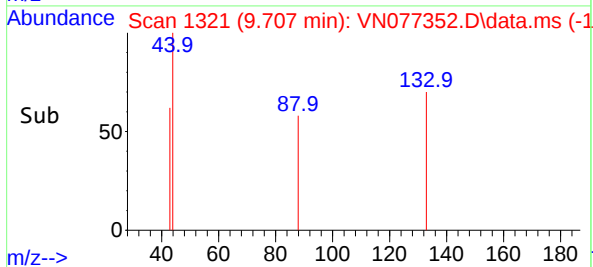
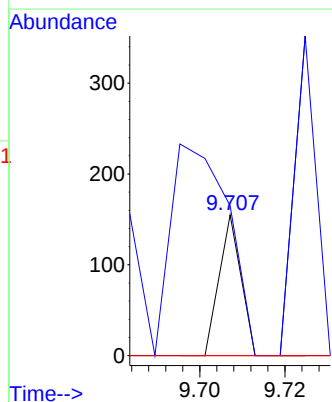
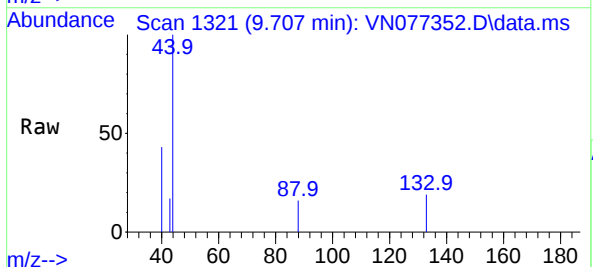


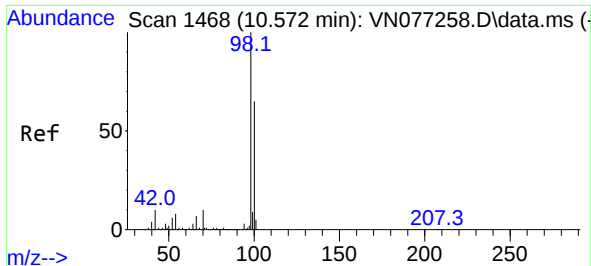
Tgt Ion:117 Resp: 55545
Ion Ratio Lower Upper
117 100
119 5.2 78.5 117.7#
121 0.0 26.6 40.0#



#49
1,4-Dioxane
Concen: 0.347 ug/l
RT: 9.707 min Scan# 1321
Delta R.T. 0.012 min
Lab File: VN077352.D
Acq: 17 Apr 2023 11:49

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 394.5 17.0 25.6#
58 0.0 49.8 74.6#

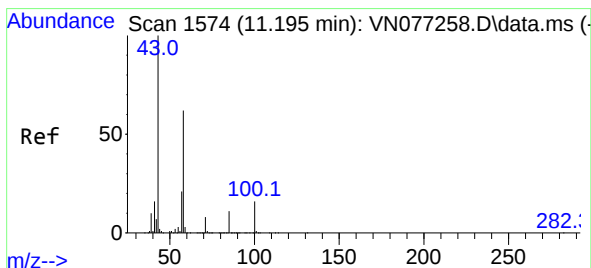
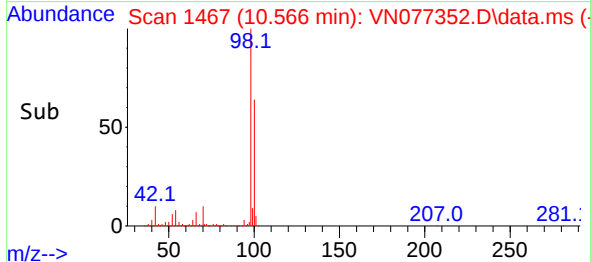
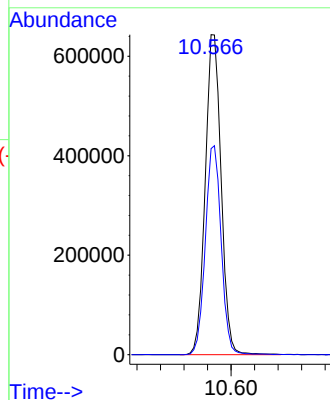
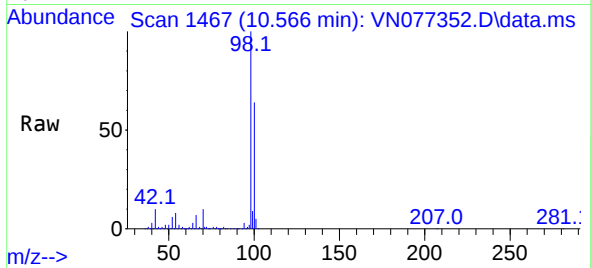




#50
Toluene-d8
Concen: 47.754 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN077352.D
Acq: 17 Apr 2023 11:49

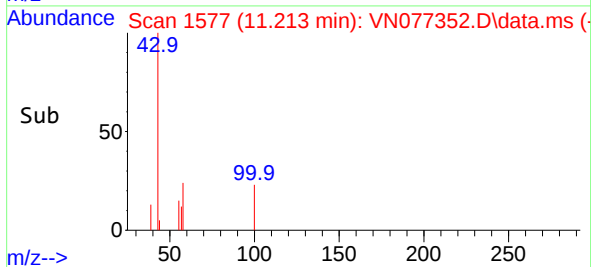
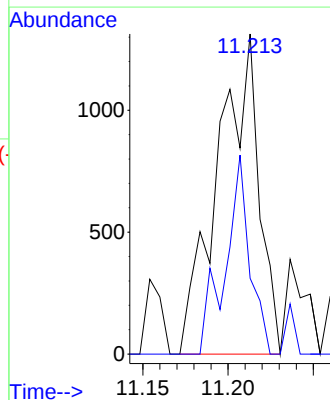
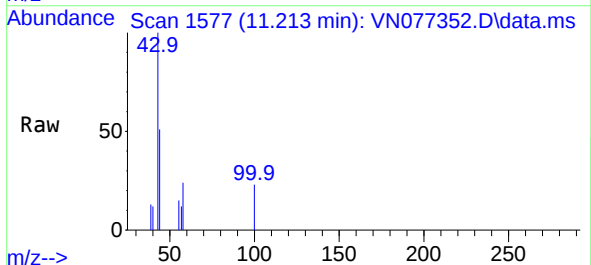
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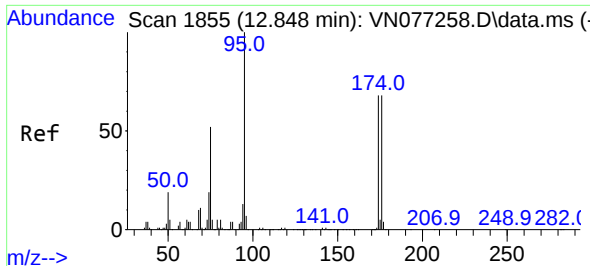
Tgt Ion: 98 Resp: 1205678
Ion Ratio Lower Upper
98 100
100 64.9 51.3 76.9



#59
2-Hexanone
Concen: 0.335 ug/l
RT: 11.213 min Scan# 1577
Delta R.T. 0.018 min
Lab File: VN077352.D
Acq: 17 Apr 2023 11:49

Tgt Ion: 43 Resp: 2211
Ion Ratio Lower Upper
43 100
58 37.0 30.9 92.5

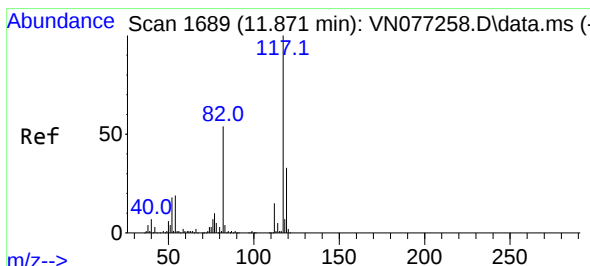
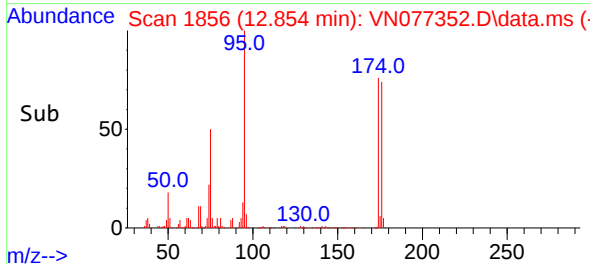
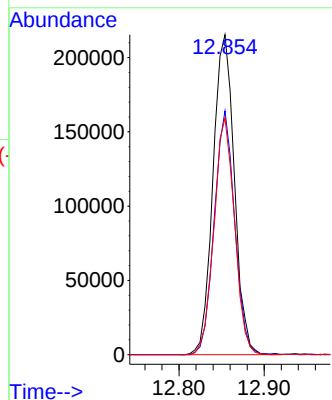
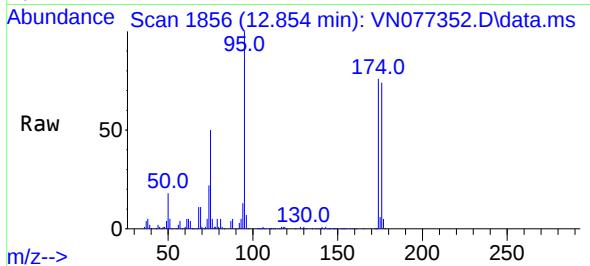




#62
4-Bromofluorobenzene
Concen: 44.566 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077352.D
Acq: 17 Apr 2023 11:49

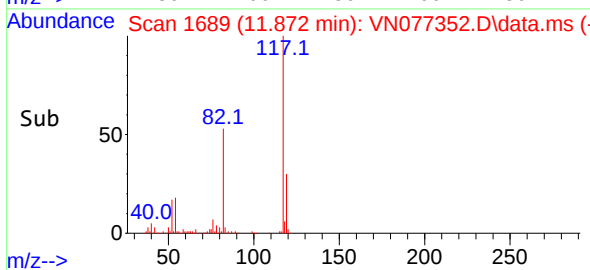
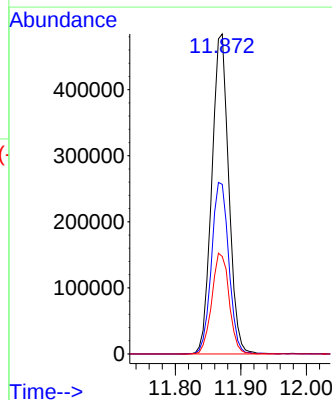
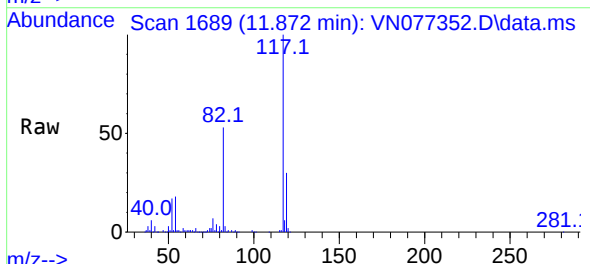
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBL01

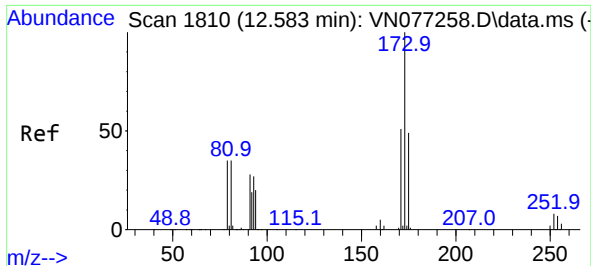
Tgt Ion: 95 Resp: 374225
Ion Ratio Lower Upper
95 100
174 73.2 0.0 146.8
176 71.4 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.001 min
Lab File: VN077352.D
Acq: 17 Apr 2023 11:49

Tgt Ion: 117 Resp: 867487
Ion Ratio Lower Upper
117 100
82 53.0 42.9 64.3
119 30.4 26.2 39.4

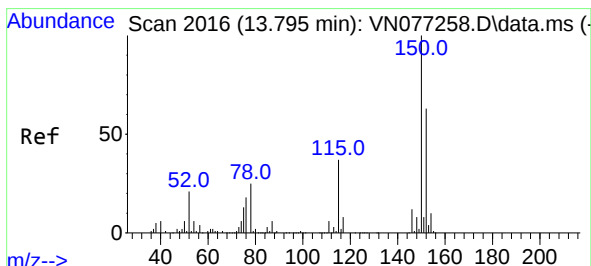
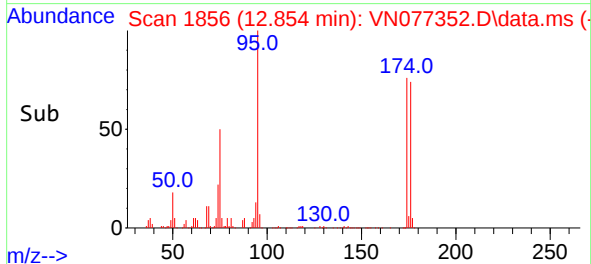
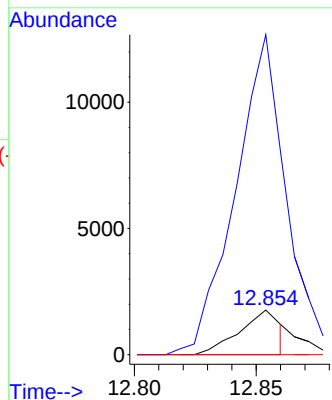
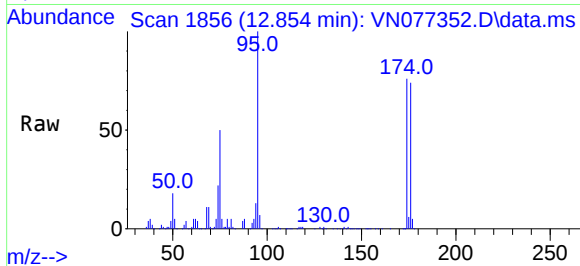




#71
Bromoform
Concen: 0.405 ug/l
RT: 12.854 min Scan# 1810
Delta R.T. 0.271 min
Lab File: VN077352.D
Acq: 17 Apr 2023 11:49

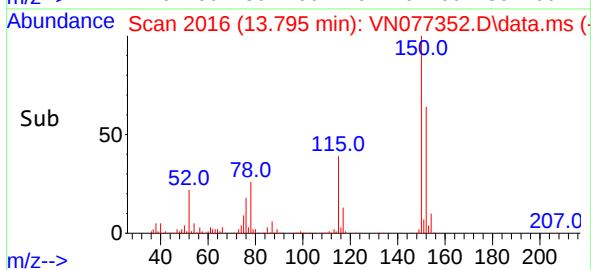
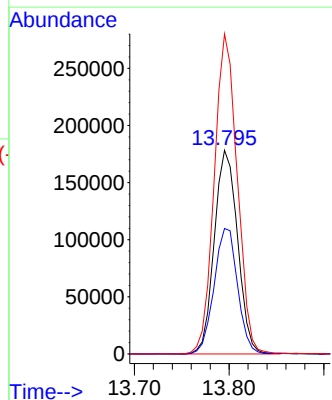
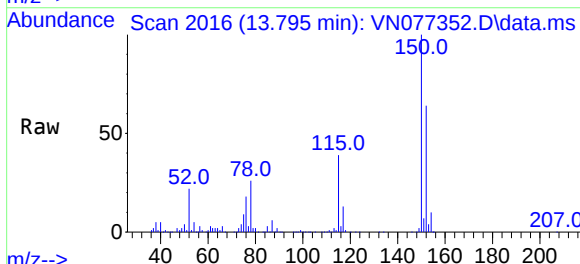
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBL01

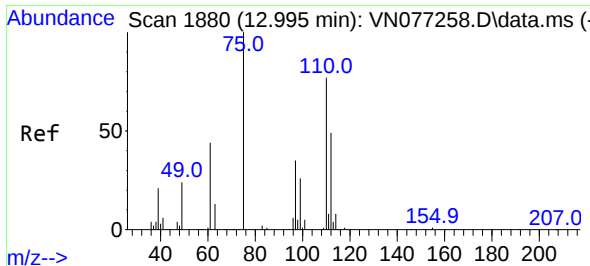
Tgt Ion:173 Resp: 2061
Ion Ratio Lower Upper
173 100
175 769.9 24.1 72.4#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077352.D
Acq: 17 Apr 2023 11:49

Tgt Ion:152 Resp: 305311
Ion Ratio Lower Upper
152 100
115 62.0 32.1 96.3
150 155.1 0.0 354.8

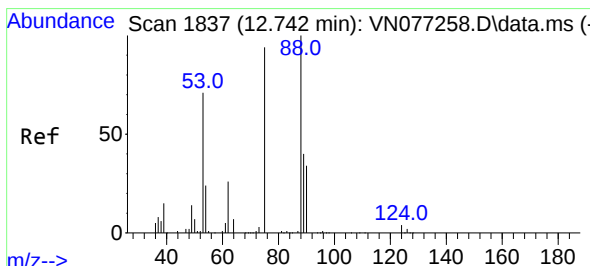
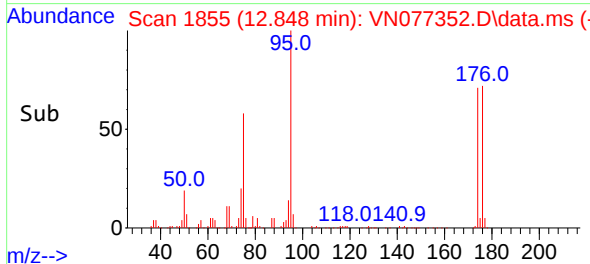
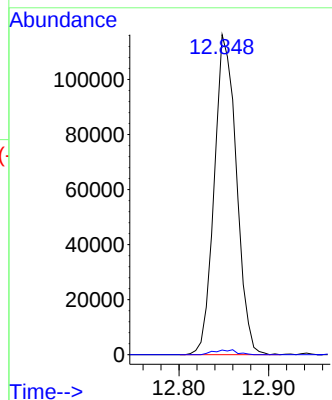
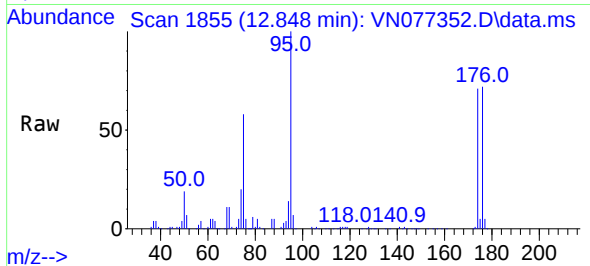




#76
1,2,3-Trichloropropane
Concen: 27.392 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.147 min
Lab File: VN077352.D
Acq: 17 Apr 2023 11:49

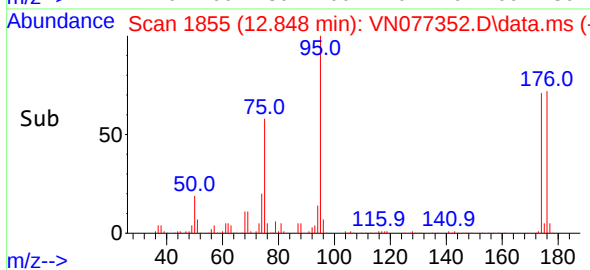
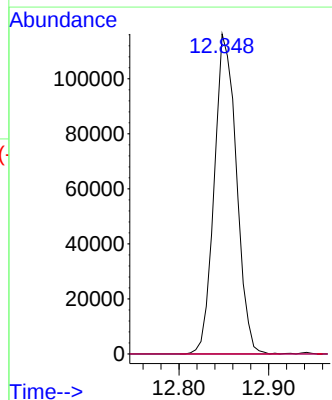
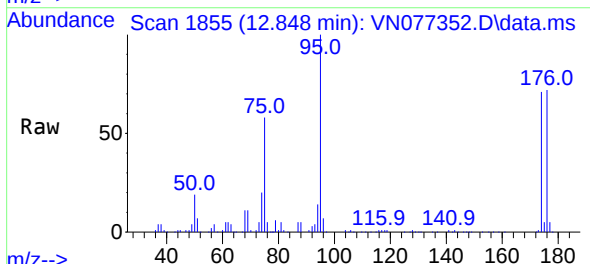
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBL01

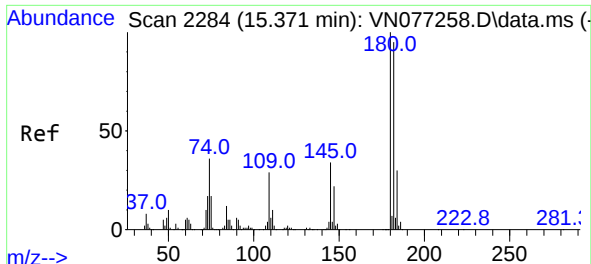
Tgt Ion: 75 Resp: 199145
Ion Ratio Lower Upper
75 100
77 1.6 88.3 264.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.640 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.106 min
Lab File: VN077352.D
Acq: 17 Apr 2023 11:49

Tgt Ion: 75 Resp: 199145
Ion Ratio Lower Upper
75 100
53 0.0 72.8 109.2#
89 0.0 37.4 56.2#





#93

1,2,4-Trichlorobenzene

Concen: 0.205 ug/l

RT: 15.366 min Scan# 21

Delta R.T. -0.005 min

Lab File: VN077352.D

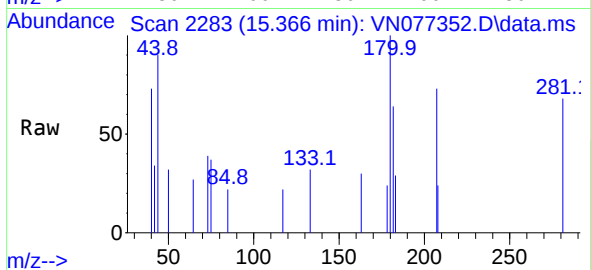
Acq: 17 Apr 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBL01



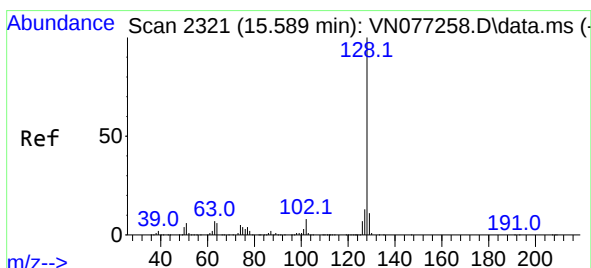
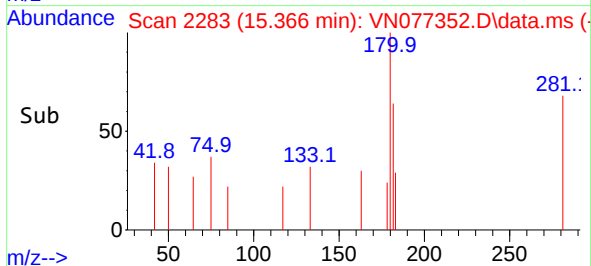
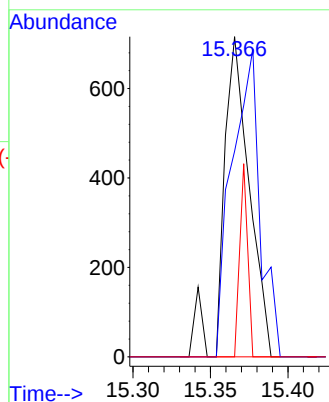
Tgt Ion:180 Resp: 826

Ion Ratio Lower Upper

180 100

182 105.0 46.7 140.0

145 18.4 16.6 49.8



#95

Naphthalene

Concen: 0.353 ug/l

RT: 15.583 min Scan# 2320

Delta R.T. -0.006 min

Lab File: VN077352.D

Acq: 17 Apr 2023 11:49

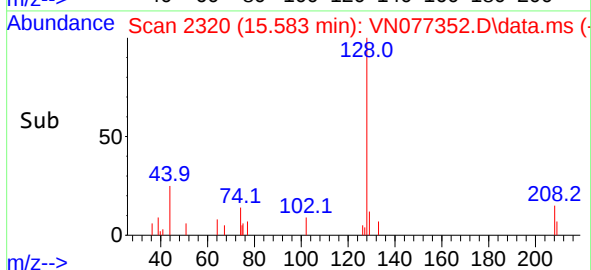
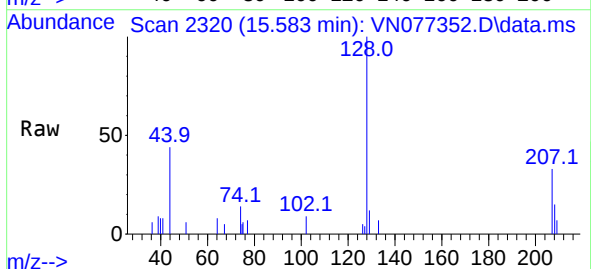
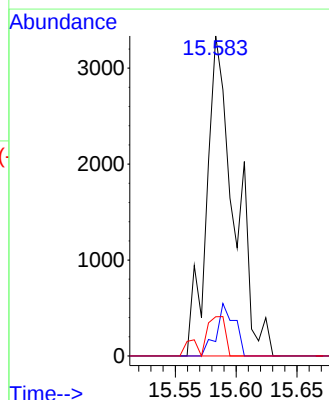
Tgt Ion:128 Resp: 5336

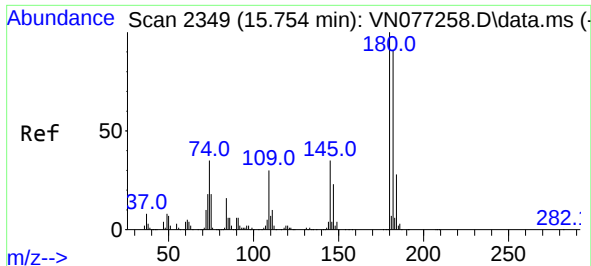
Ion Ratio Lower Upper

128 100

127 10.7 10.2 15.4

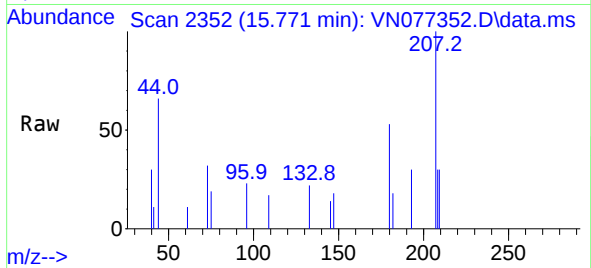
129 9.8 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 0.272 ug/l
 RT: 15.771 min Scan# 21
 Delta R.T. 0.017 min
 Lab File: VN077352.D
 Acq: 17 Apr 2023 11:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBL01



Tgt Ion:	180	Resp:	1049
Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.9	140.8
145	22.7	17.6	52.8

