

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042923\
 Data File : VN077534.D
 Acq On : 29 Apr 2023 21:19
 Operator : JC\MD
 Sample : 02535-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-10

Quant Time: May 01 01:26:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

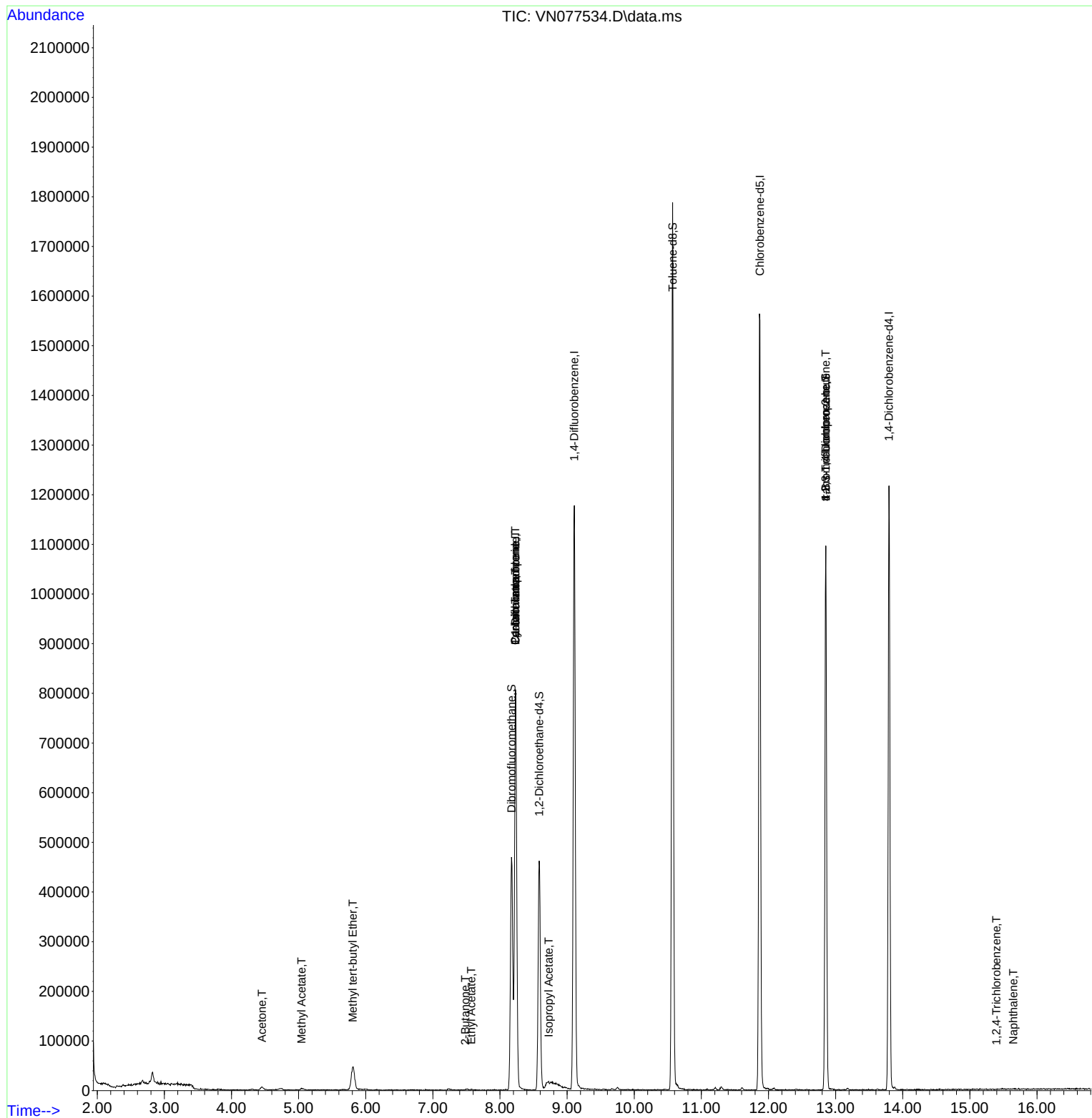
Internal Standards						
1) Pentafluorobenzene	8.230	168	583068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1110485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	981031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	335182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	385013	50.604	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.200%	
35) Dibromofluoromethane	8.172	113	342655	51.338	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.680%	
50) Toluene-d8	10.571	98	1310037	51.212	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.420%	
62) 4-Bromofluorobenzene	12.854	95	400895	47.900	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.800%	
Target Compounds						
					Qvalue	
16) Acetone	4.454	43	11441	4.727	ug/l	97
18) Methyl Acetate	5.042	43	6859	0.734	ug/l #	82
19) Methyl tert-butyl Ether	5.807	73	83568	3.862	ug/l	98
25) 2-Butanone	7.483	43	889	0.259	ug/l #	74
31) Cyclohexane	8.230	56	14407	1.337	ug/l #	62
36) 1,1-Dichloropropene	8.230	75	48914	5.073	ug/l #	50
37) Ethyl Acetate	7.572	43	1871	0.255	ug/l #	73
38) Carbon Tetrachloride	8.230	117	64611	6.073	ug/l #	15
43) Isopropyl Acetate	8.725	43	16455	1.298	ug/l #	49
76) 1,2,3-Trichloropropane	12.854	75	220035	28.230	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	220035	79.755	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.395	180	72	0.827	ug/l #	14
95) Naphthalene	15.648	128	399	1.185	ug/l #	70

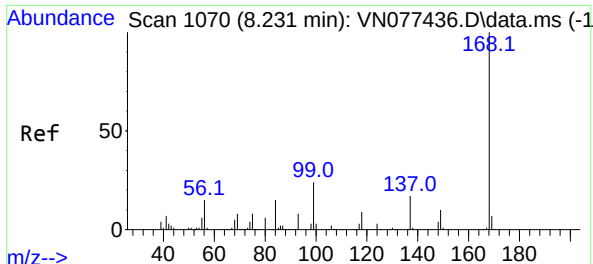
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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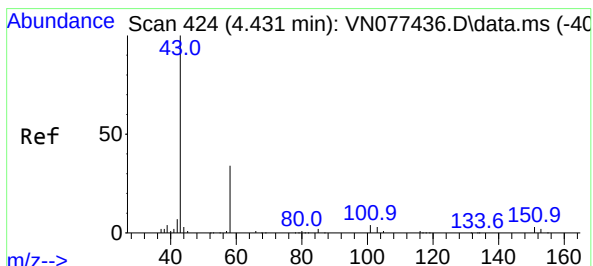
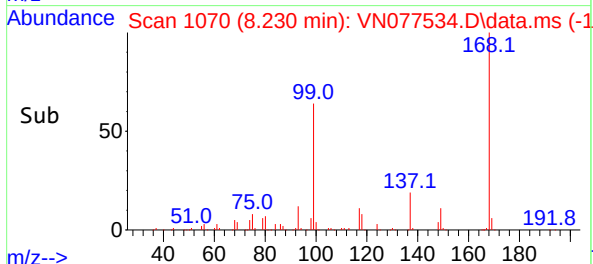
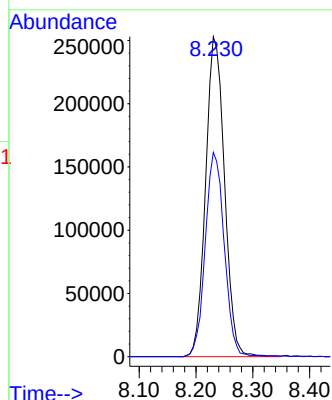
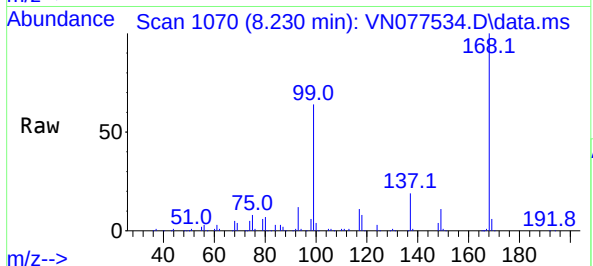




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077534.D
Acq: 29 Apr 2023 21:19

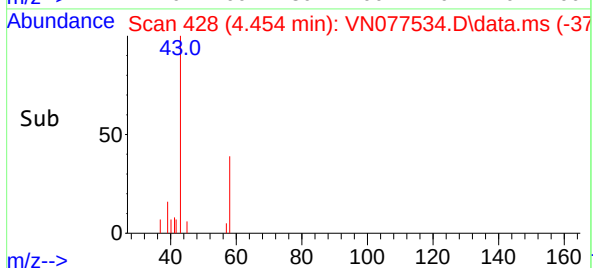
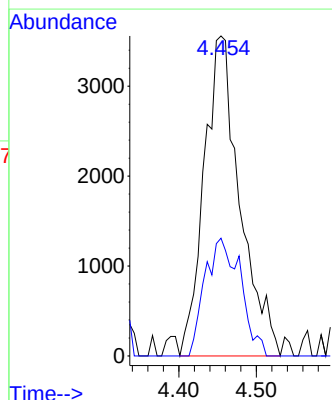
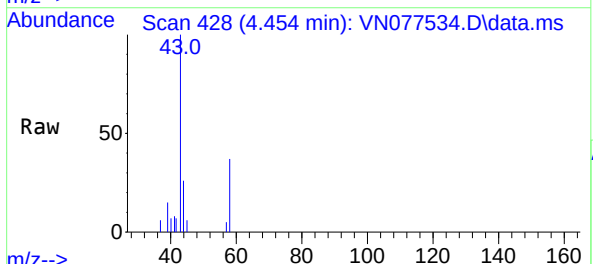
Instrument :
MSVOA_N
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TP-10

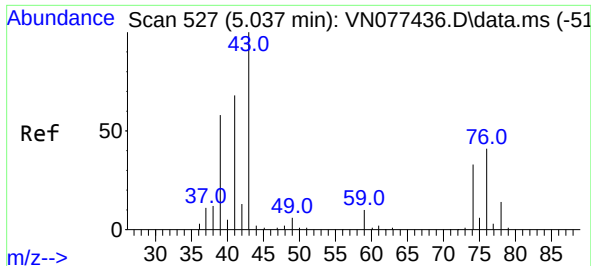
Tgt Ion:168 Resp: 583068
Ion Ratio Lower Upper
168 100
99 63.9 53.0 79.6



#16
Acetone
Concen: 4.727 ug/l
RT: 4.454 min Scan# 428
Delta R.T. 0.023 min
Lab File: VN077534.D
Acq: 29 Apr 2023 21:19

Tgt Ion: 43 Resp: 11441
Ion Ratio Lower Upper
43 100
58 36.8 28.0 42.0

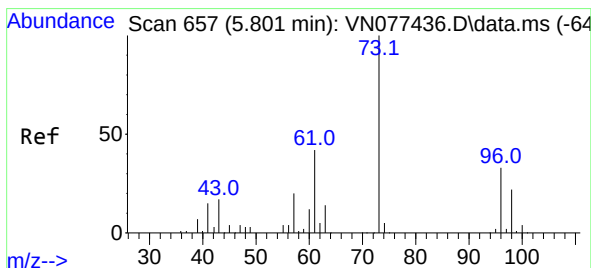
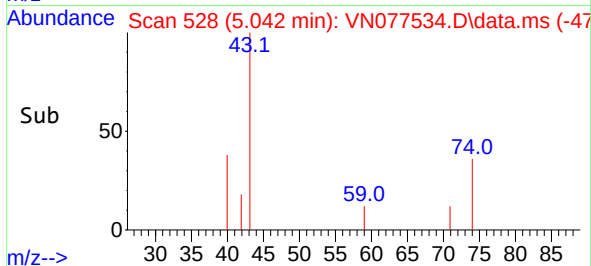
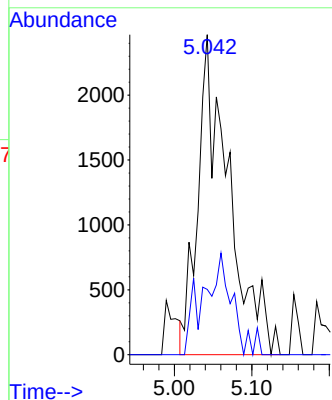
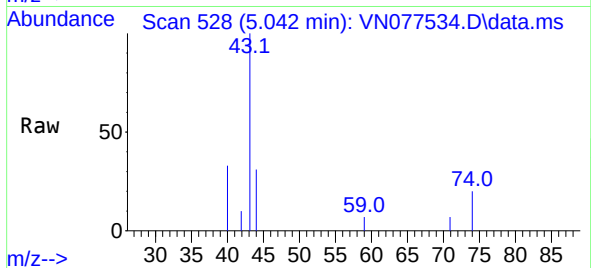




#18
Methyl Acetate
Concen: 0.734 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077534.D
Acq: 29 Apr 2023 21:19

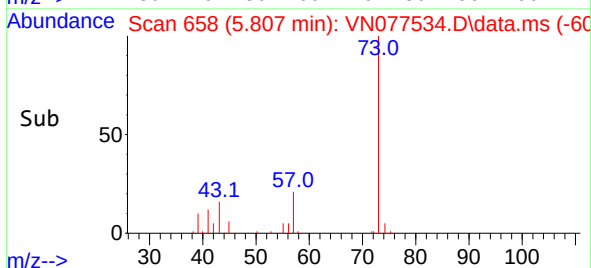
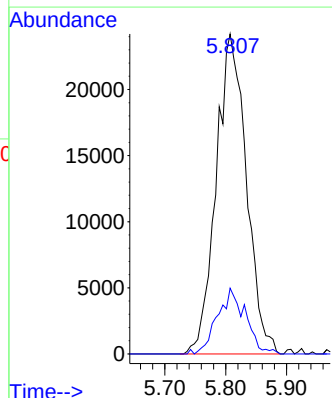
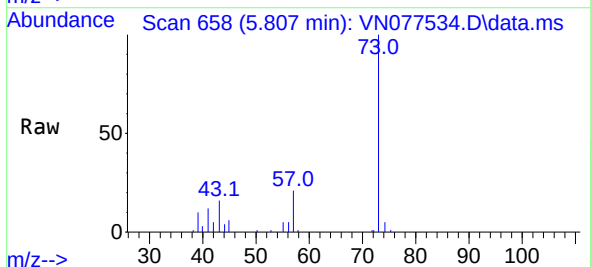
Instrument :
MSVOA_N
ClientSampleId :
TP-10

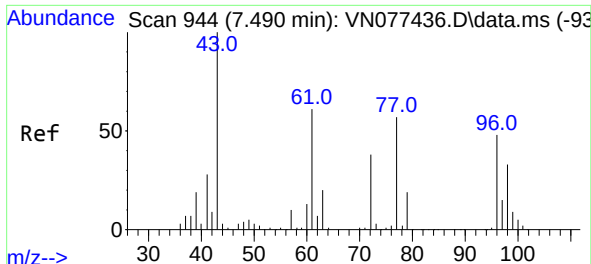
Tgt Ion: 43 Resp: 6859
Ion Ratio Lower Upper
43 100
74 22.6 26.2 39.4#



#19
Methyl tert-butyl Ether
Concen: 3.862 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.006 min
Lab File: VN077534.D
Acq: 29 Apr 2023 21:19

Tgt Ion: 73 Resp: 83568
Ion Ratio Lower Upper
73 100
57 20.6 15.6 23.4

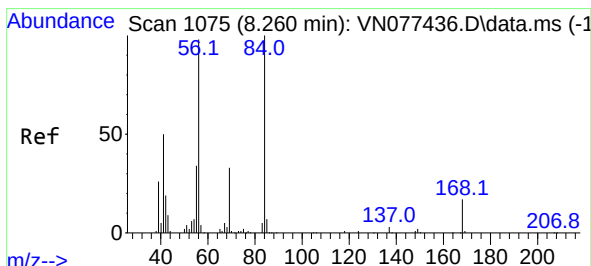
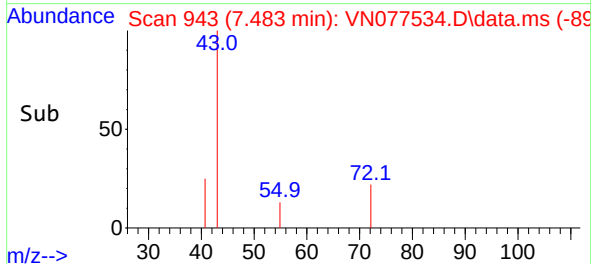
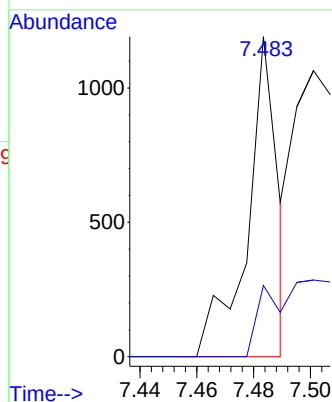
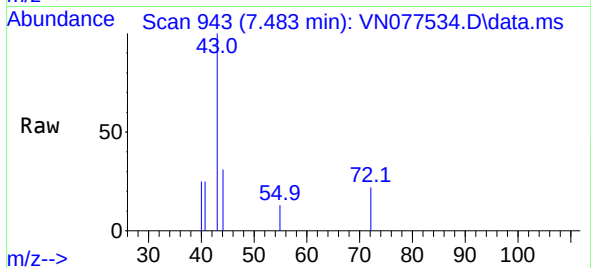




#25
2-Butanone
Concen: 0.259 ug/l
RT: 7.483 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077534.D
Acq: 29 Apr 2023 21:19

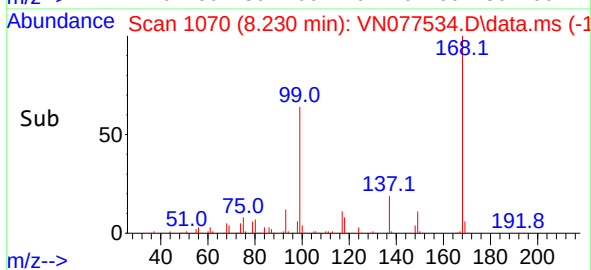
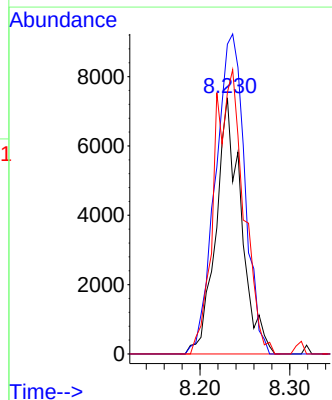
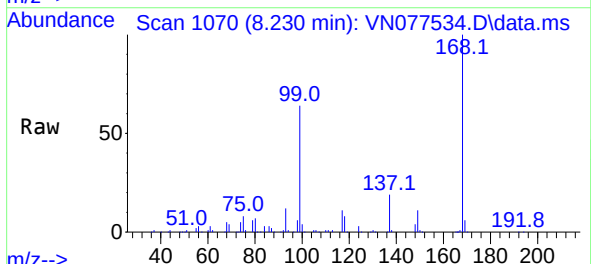
Instrument :
MSVOA_N
ClientSampleId :
TP-10

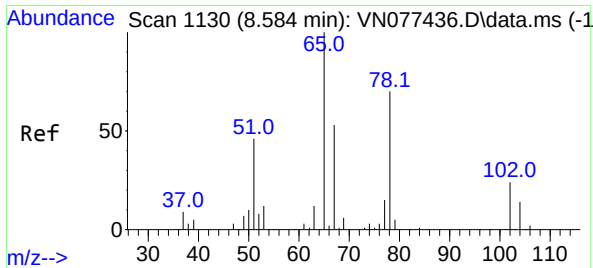
Tgt Ion: 43 Resp: 889
Ion Ratio Lower Upper
43 100
72 22.3 30.2 45.2#



#31
Cyclohexane
Concen: 1.337 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.030 min
Lab File: VN077534.D
Acq: 29 Apr 2023 21:19

Tgt Ion: 56 Resp: 14407
Ion Ratio Lower Upper
56 100
69 120.9 26.8 40.2#
84 102.0 81.8 122.6

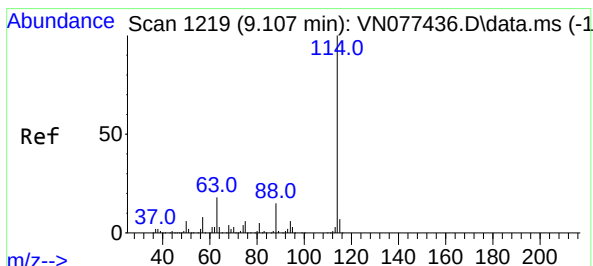
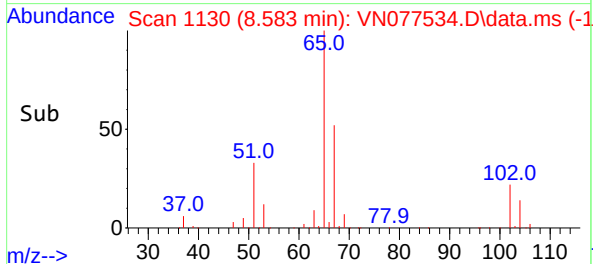
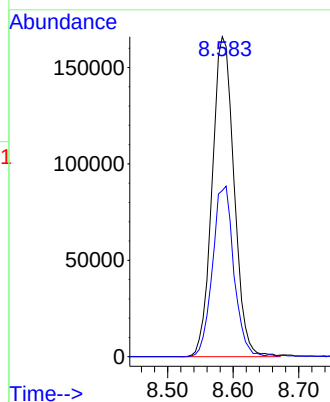
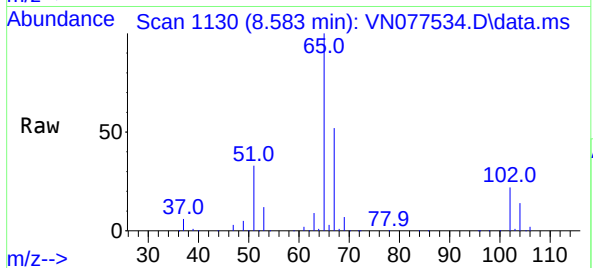




#33
1,2-Dichloroethane-d4
Concen: 50.604 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077534.D
Acq: 29 Apr 2023 21:19

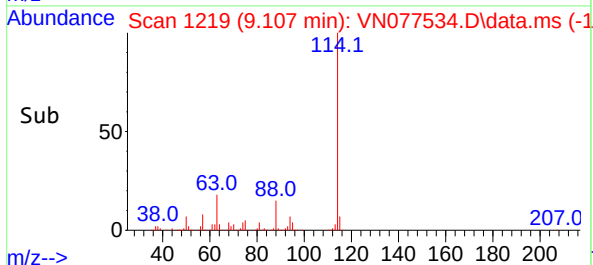
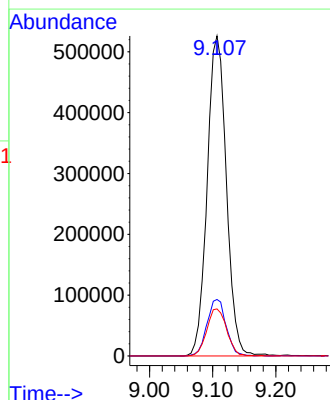
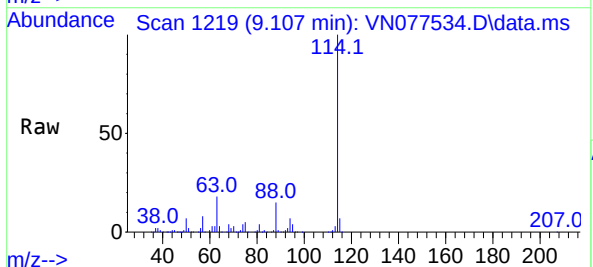
Instrument :
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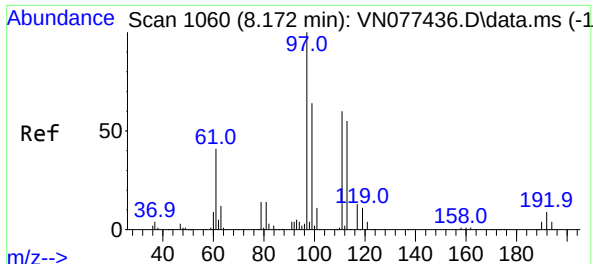
Tgt Ion: 65 Resp: 385013
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077534.D
Acq: 29 Apr 2023 21:19

Tgt Ion: 114 Resp: 1110485
Ion Ratio Lower Upper
114 100
63 17.7 0.0 36.4
88 14.7 0.0 30.6

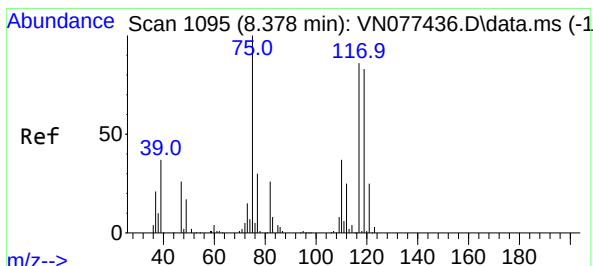
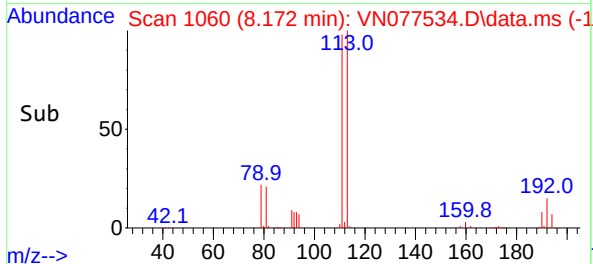
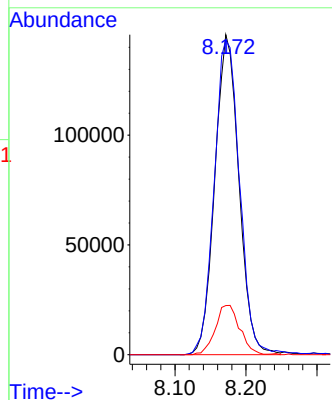
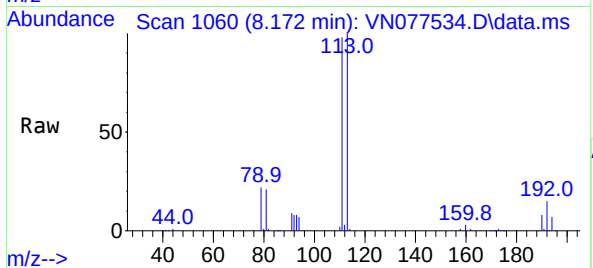




#35
Dibromofluoromethane
Concen: 51.338 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077534.D
Acq: 29 Apr 2023 21:19

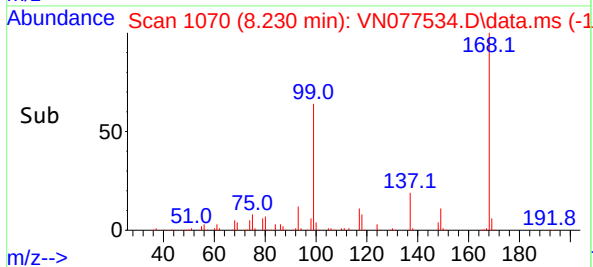
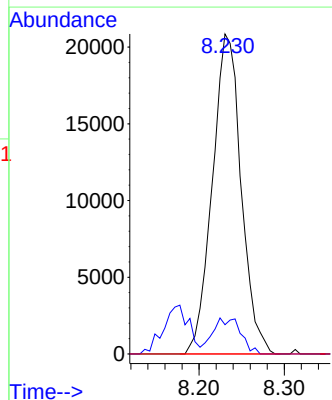
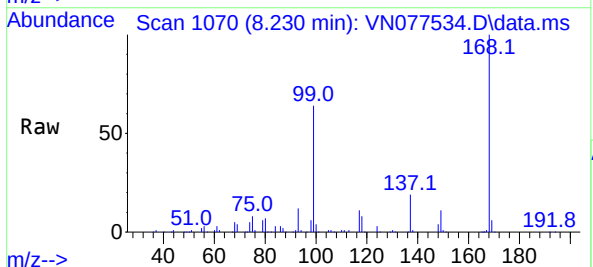
Instrument :
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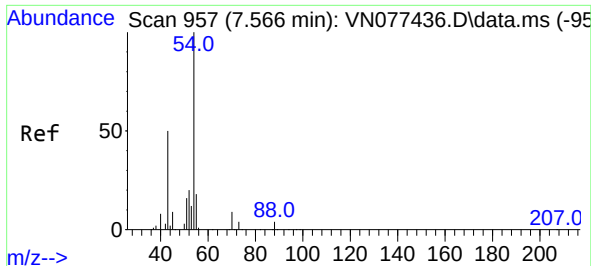
Tgt Ion:113 Resp: 342655
Ion Ratio Lower Upper
113 100
111 104.0 82.6 123.8
192 15.6 12.7 19.1



#36
1,1-Dichloropropene
Concen: 5.073 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN077534.D
Acq: 29 Apr 2023 21:19

Tgt Ion: 75 Resp: 48914
Ion Ratio Lower Upper
75 100
110 11.0 19.1 57.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.255 ug/l

RT: 7.572 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077534.D

Acq: 29 Apr 2023 21:19

Instrument :

MSVOA_N

ClientSampleId :

TP-10

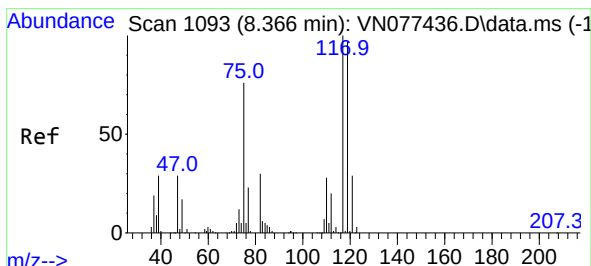
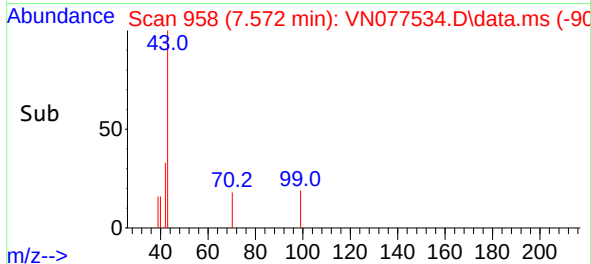
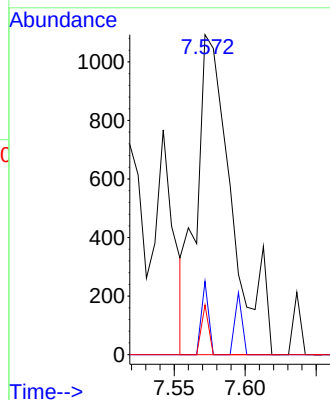
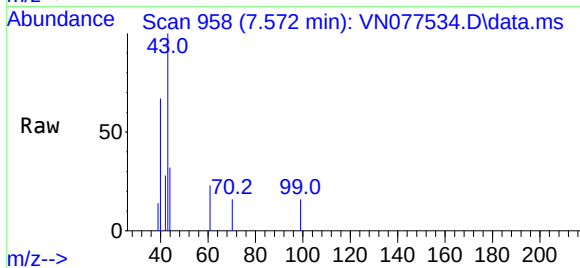
Tgt Ion: 43 Resp: 1871

Ion Ratio Lower Upper

43 100

61 4.7 13.2 19.8#

70 3.2 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 6.073 ug/l

RT: 8.230 min Scan# 1070

Delta R.T. -0.136 min

Lab File: VN077534.D

Acq: 29 Apr 2023 21:19

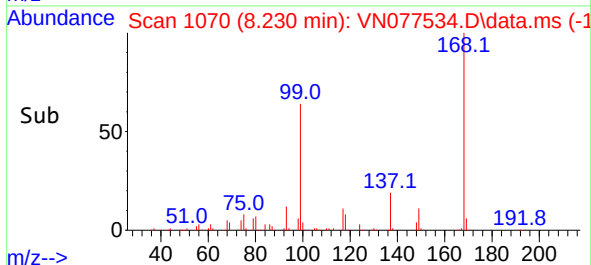
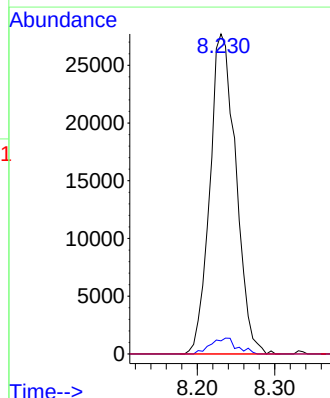
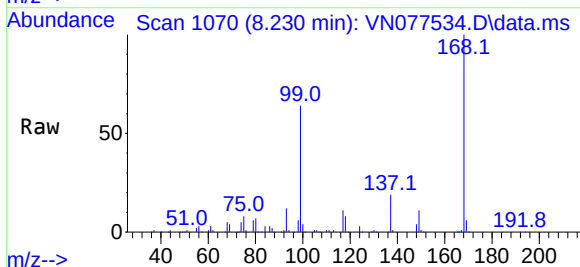
Tgt Ion: 117 Resp: 64611

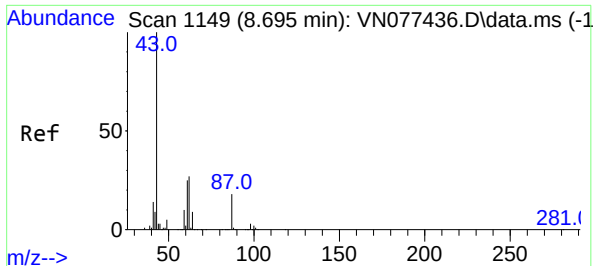
Ion Ratio Lower Upper

117 100

119 4.1 77.3 115.9#

121 0.0 23.3 34.9#

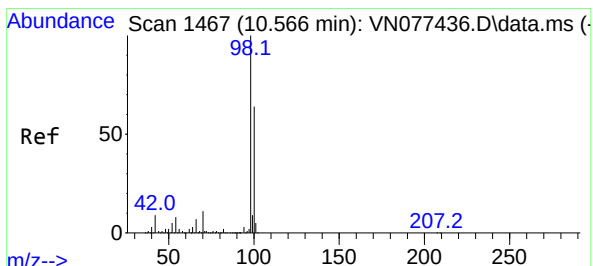
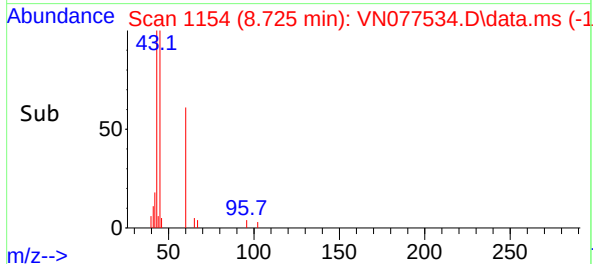
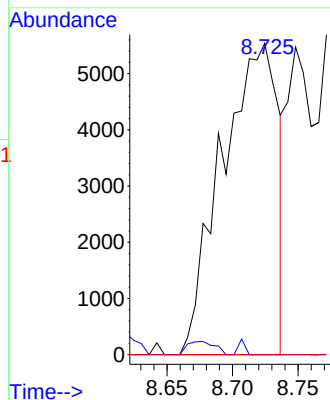
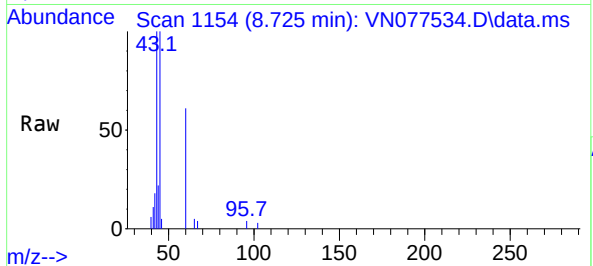




#43
Isopropyl Acetate
Concen: 1.298 ug/l
RT: 8.725 min Scan# 1149
Delta R.T. 0.029 min
Lab File: VN077534.D
Acq: 29 Apr 2023 21:19

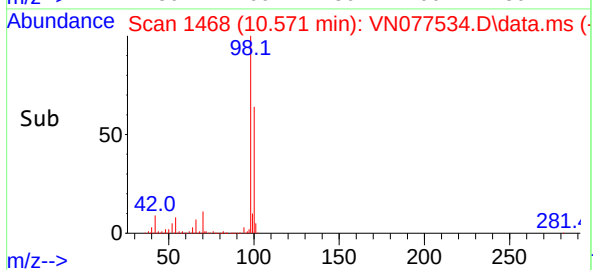
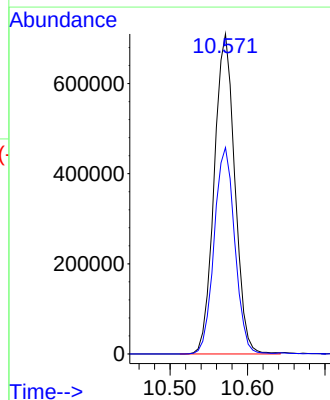
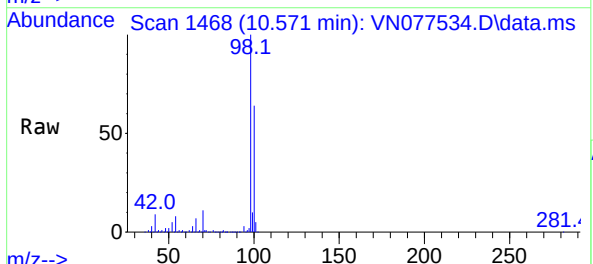
Instrument :
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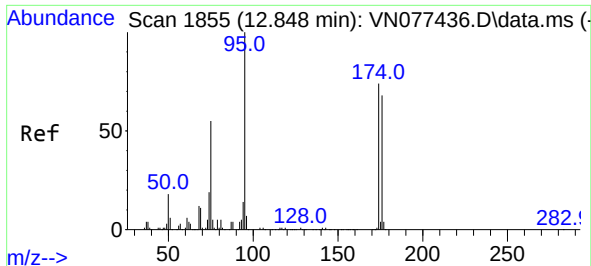
Tgt Ion: 43 Resp: 16455
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 51.212 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077534.D
Acq: 29 Apr 2023 21:19

Tgt Ion: 98 Resp: 1310037
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

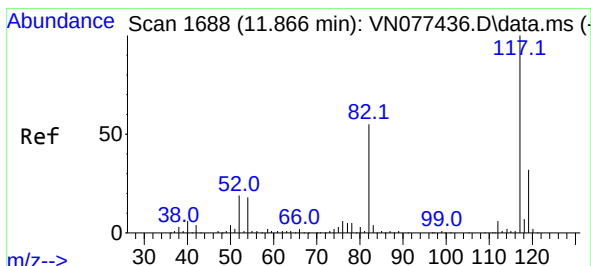
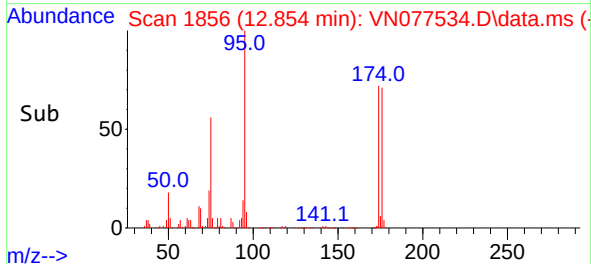
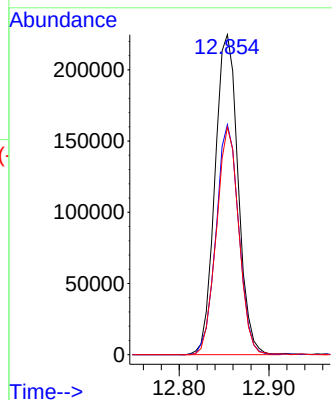
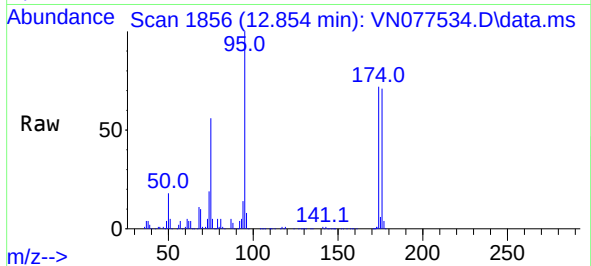




#62
4-Bromofluorobenzene
Concen: 47.900 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077534.D
Acq: 29 Apr 2023 21:19

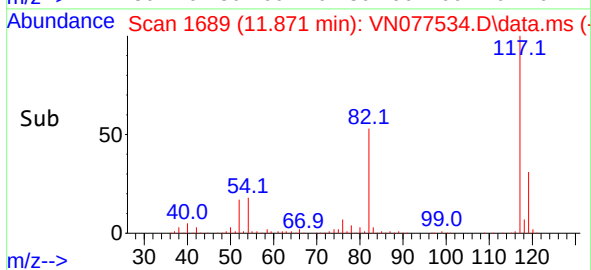
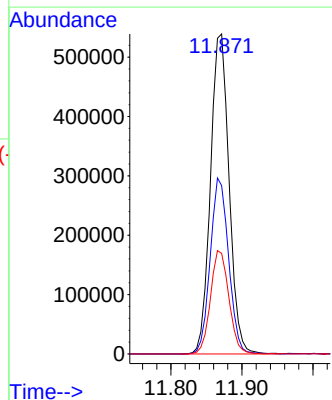
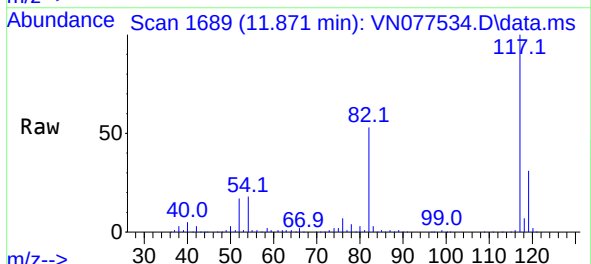
Instrument :
MSVOA_N
ClientSampleId :
TP-10

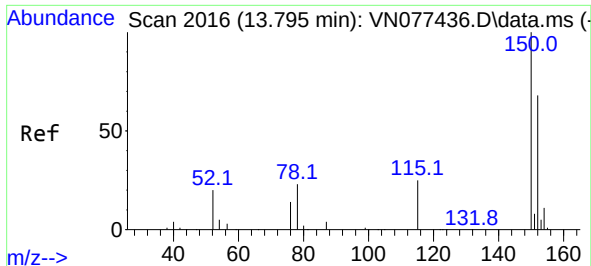
Tgt Ion: 95 Resp: 400895
Ion Ratio Lower Upper
95 100
174 70.6 0.0 143.8
176 69.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077534.D
Acq: 29 Apr 2023 21:19

Tgt Ion: 117 Resp: 981031
Ion Ratio Lower Upper
117 100
82 52.6 44.0 66.0
119 31.4 25.6 38.4

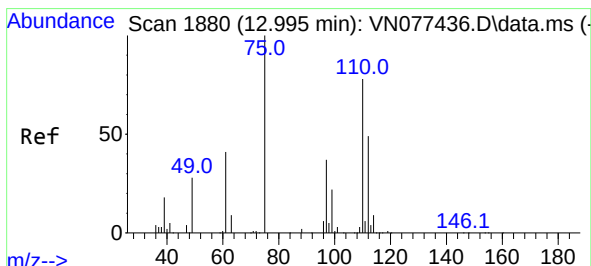
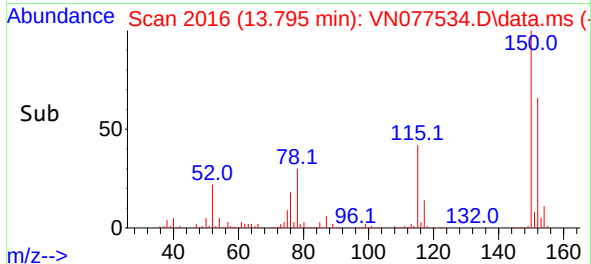
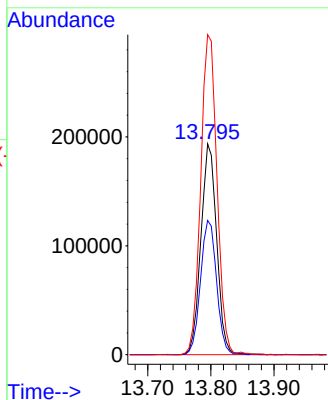
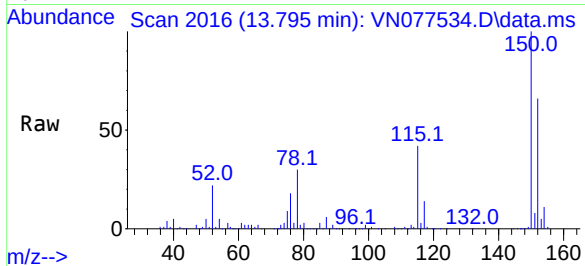




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN077534.D
 Acq: 29 Apr 2023 21:19

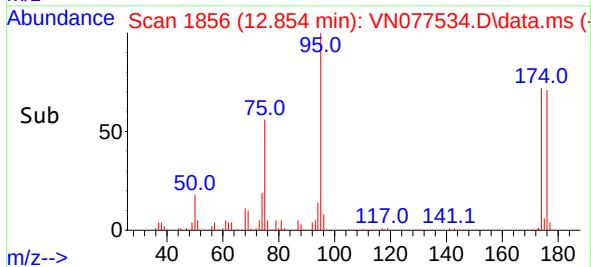
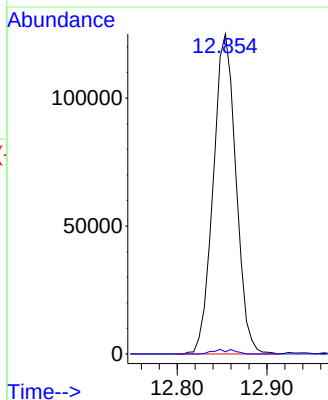
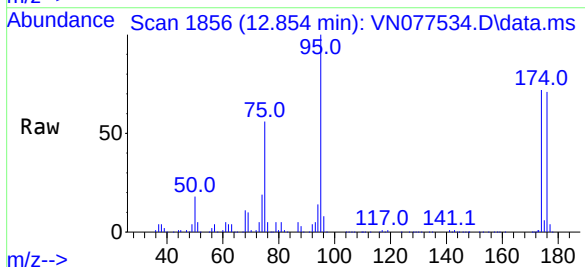
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-10

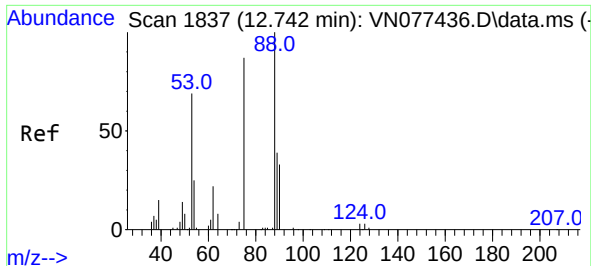
Tgt Ion:152 Resp: 335182
 Ion Ratio Lower Upper
 152 100
 115 64.9 32.3 96.8
 150 156.8 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 28.230 ug/l
 RT: 12.854 min Scan# 1856
 Delta R.T. -0.141 min
 Lab File: VN077534.D
 Acq: 29 Apr 2023 21:19

Tgt Ion: 75 Resp: 220035
 Ion Ratio Lower Upper
 75 100
 77 1.3 84.5 253.5#

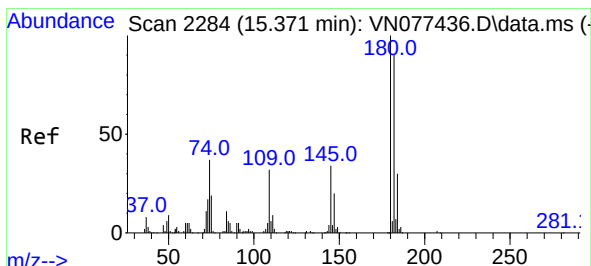
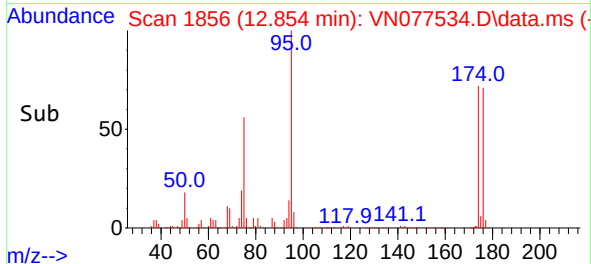
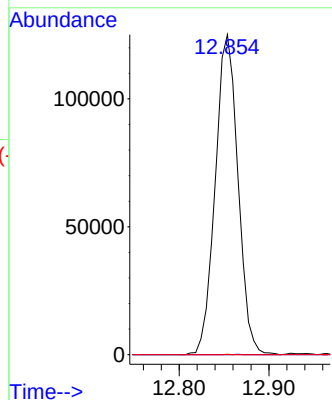
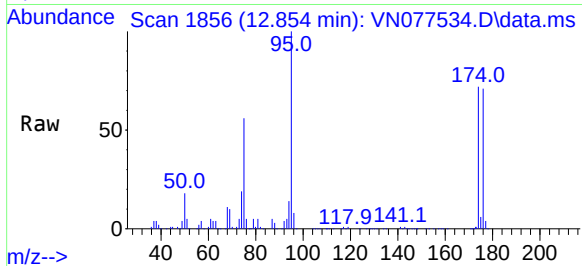




#81
trans-1,4-Dichloro-2-butene
Concen: 79.755 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN077534.D
Acq: 29 Apr 2023 21:19

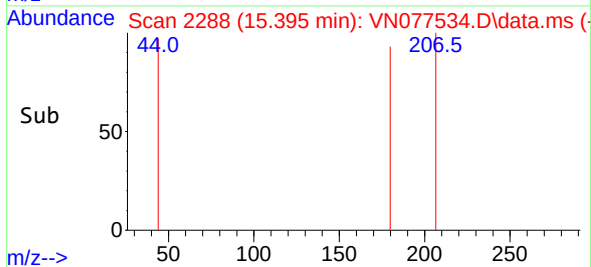
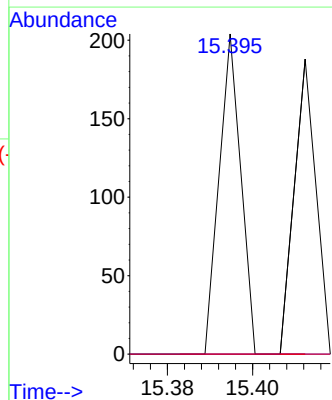
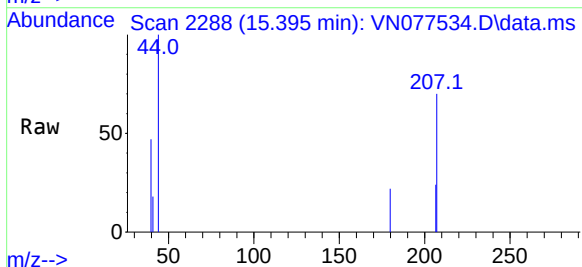
Instrument :
MSVOA_N
ClientSampleId :
TP-10

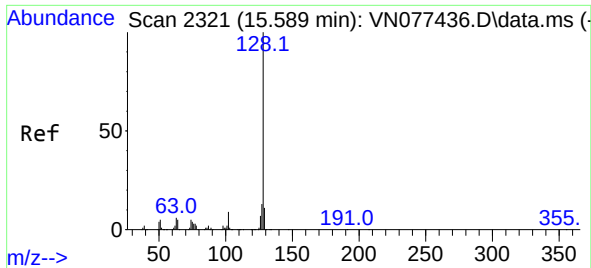
Tgt Ion: 75 Resp: 220035
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.827 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. 0.024 min
Lab File: VN077534.D
Acq: 29 Apr 2023 21:19

Tgt Ion:180 Resp: 72
Ion Ratio Lower Upper
180 100
182 0.0 46.1 138.2#
145 0.0 16.6 49.8#





#95
Naphthalene
Concen: 1.185 ug/l
RT: 15.648 min Scan# 21
Delta R.T. 0.059 min
Lab File: VN077534.D
Acq: 29 Apr 2023 21:19

Instrument :
MSVOA_N
ClientSampleId :
TP-10

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.0	15.0#
129	0.0	8.7	13.1#

