

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032023\
 Data File : VN077068.D
 Acq On : 20 Mar 2023 15:05
 Operator : JC\MD
 Sample : 01904-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D2-20230313

Quant Time: Mar 21 05:36:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

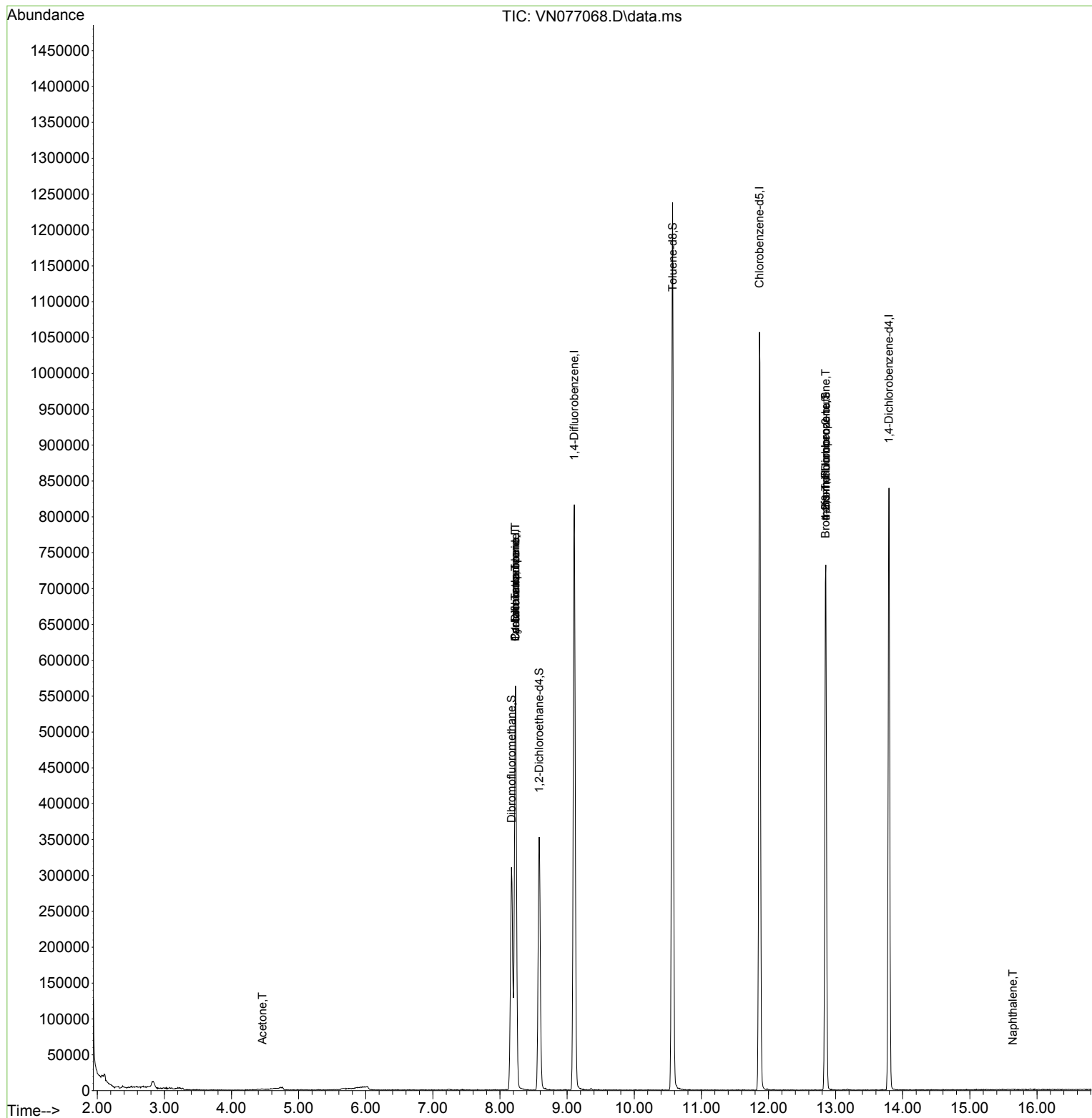
Internal Standards						
1) Pentafluorobenzene	8.231	168	385005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	691909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	600162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	212755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	290650	47.262	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.520%		
35) Dibromofluoromethane	8.172	113	225491	46.536	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.080%		
50) Toluene-d8	10.572	98	844261	48.776	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.560%		
62) 4-Bromofluorobenzene	12.854	95	270172	44.172	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.340%		
Target Compounds					Qvalue	
16) Acetone	4.460	43	770	0.281	ug/l #	52
31) Cyclohexane	8.231	56	9609	0.955	ug/l #	1
36) 1,1-Dichloropropene	8.231	75	34600	4.572	ug/l #	52
38) Carbon Tetrachloride	8.231	117	42362	5.747	ug/l #	15
71) Bromoform	12.848	173	1302	0.376	ug/l #	28
76) 1,2,3-Trichloropropane	12.854	75	142556	25.904	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	142556	71.303	ug/l #	10
95) Naphthalene	15.642	128	812	1.967	ug/l #	70

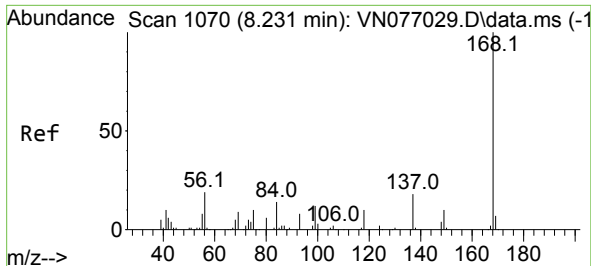
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032023\
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RE117D2-20230313

Quant Time: Mar 21 05:36:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 20 08:50:30 2023
Response via : Initial Calibration

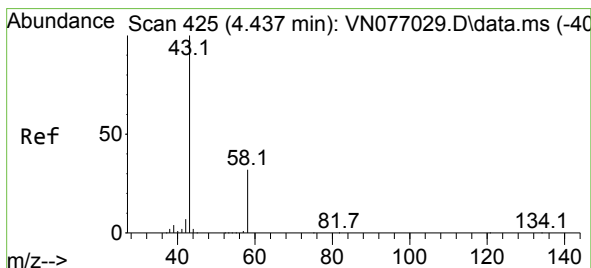
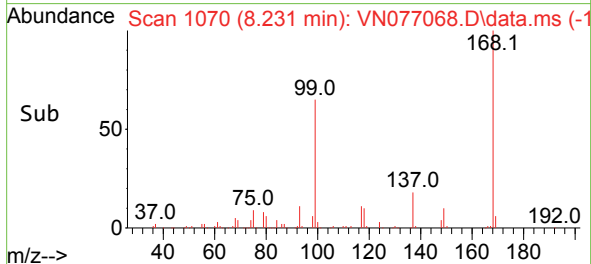
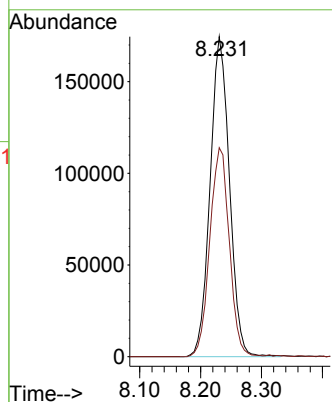
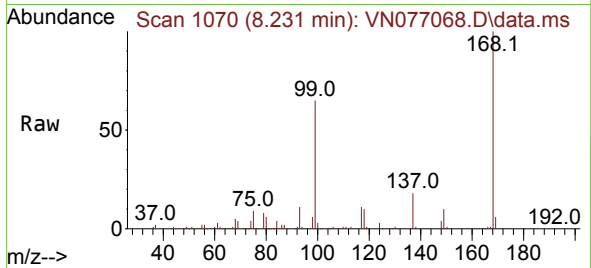




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077068.D
Acq: 20 Mar 2023 15:05

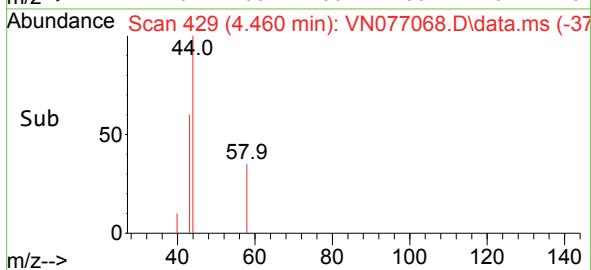
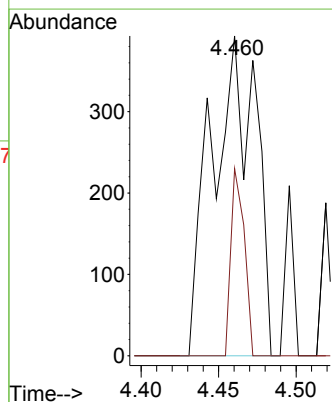
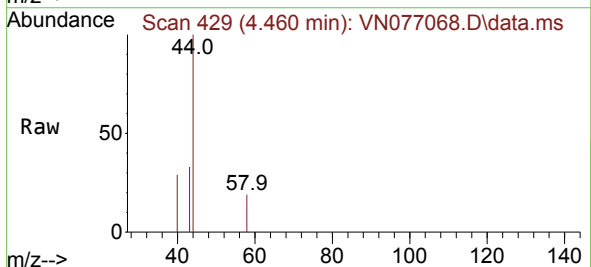
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MSVOA_N
ClientSampleId :
RE117D2-20230313

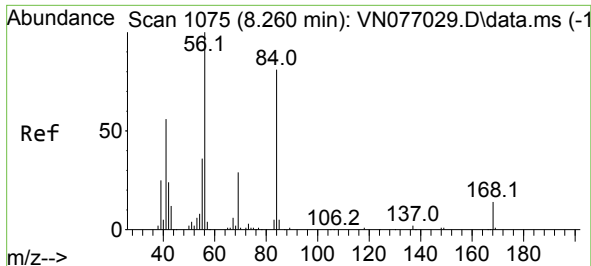
Tgt Ion:168 Resp: 385005
Ion Ratio Lower Upper
168 100
99 65.3 53.9 80.9



#16
Acetone
Concen: 0.281 ug/l
RT: 4.460 min Scan# 429
Delta R.T. 0.023 min
Lab File: VN077068.D
Acq: 20 Mar 2023 15:05

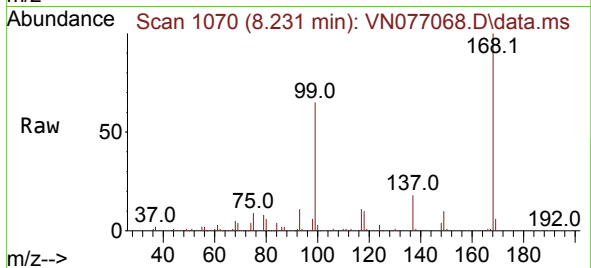
Tgt Ion: 43 Resp: 770
Ion Ratio Lower Upper
43 100
58 58.5 25.4 38.0#



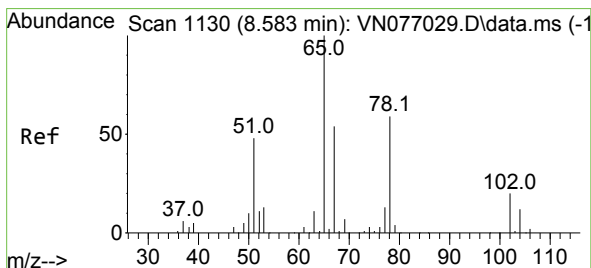
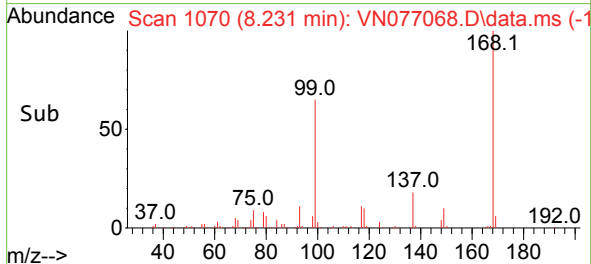
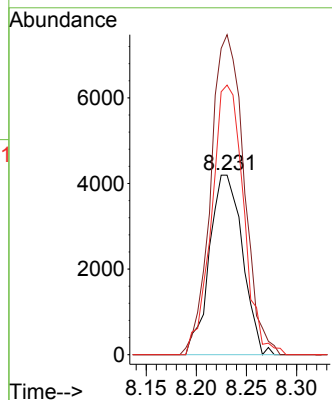


#31
Cyclohexane
Concen: 0.955 ug/l
RT: 8.231 min Scan# 1075
Delta R.T. -0.029 min
Lab File: VN077068.D
Acq: 20 Mar 2023 15:05

Instrument :
MSVOA_N
ClientSampleId :
RE117D2-20230313

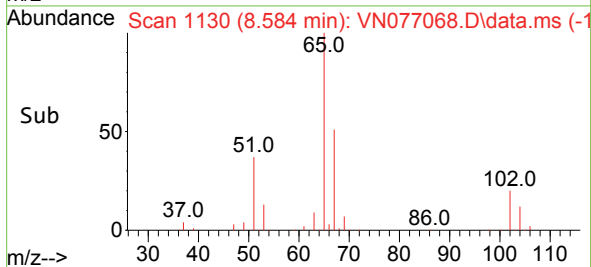
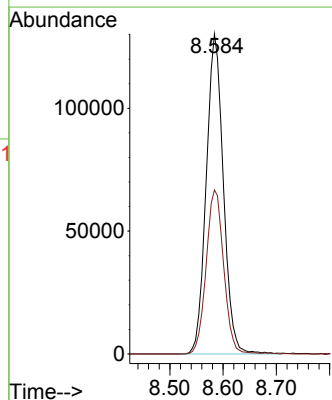
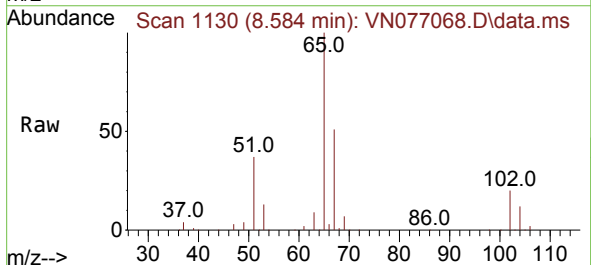


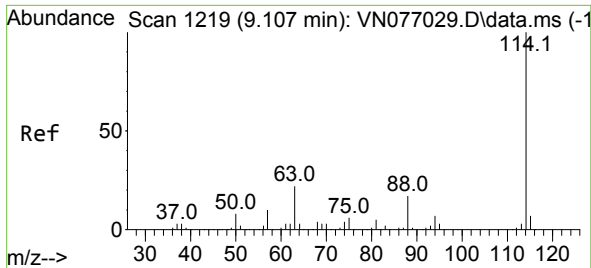
Tgt Ion: 56 Resp: 9609
Ion Ratio Lower Upper
56 100
69 178.2 22.8 34.2#
84 150.2 64.7 97.1#



#33
1,2-Dichloroethane-d4
Concen: 47.262 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077068.D
Acq: 20 Mar 2023 15:05

Tgt Ion: 65 Resp: 290650
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.2

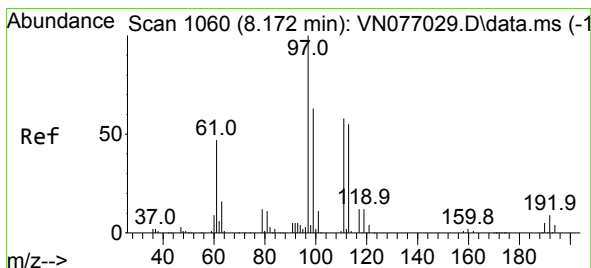
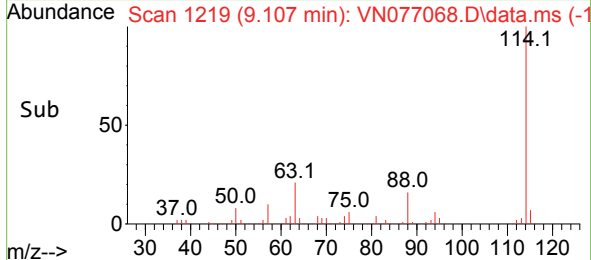
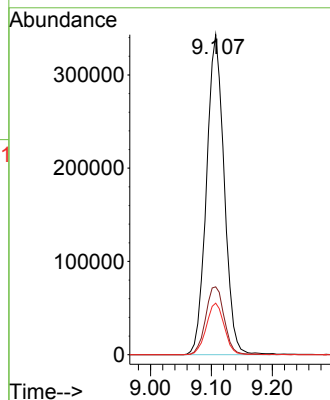
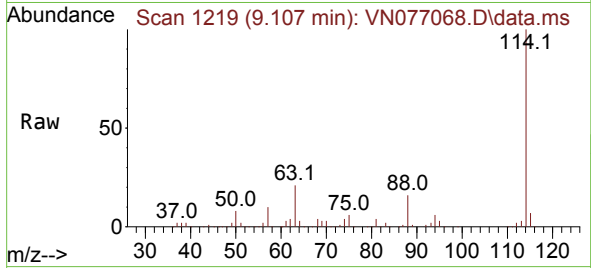




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077068.D
Acq: 20 Mar 2023 15:05

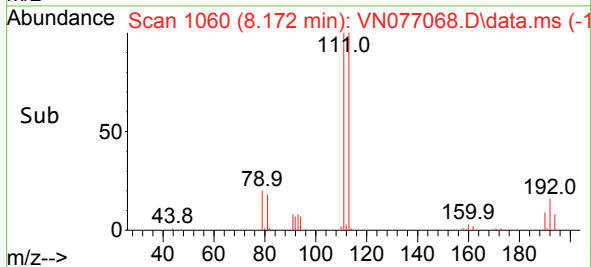
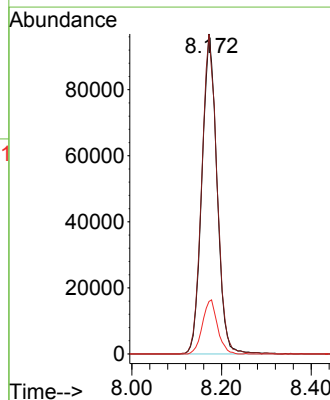
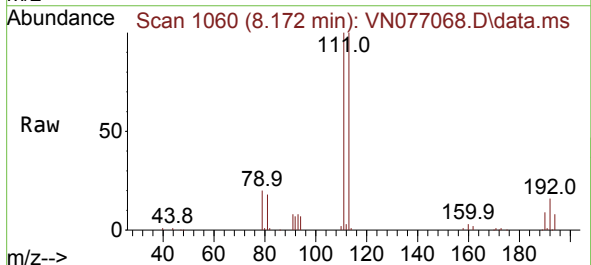
Instrument :
MSVOA_N
ClientSampleId :
RE117D2-20230313

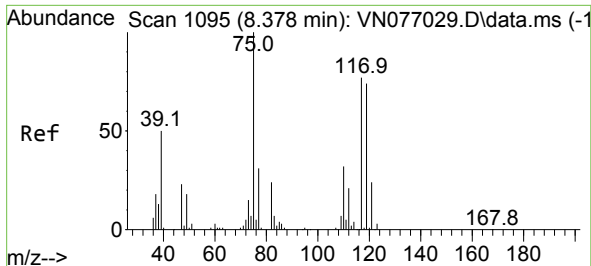
Tgt Ion:114 Resp: 691909
Ion Ratio Lower Upper
114 100
63 21.2 0.0 44.6
88 16.1 0.0 33.8



#35
Dibromofluoromethane
Concen: 46.536 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077068.D
Acq: 20 Mar 2023 15:05

Tgt Ion:113 Resp: 225491
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.2
192 16.8 13.0 19.6

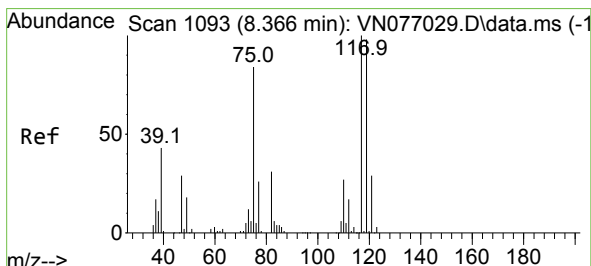
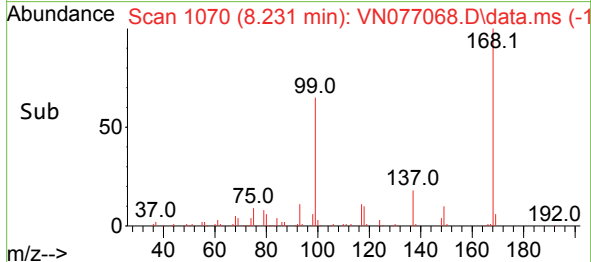
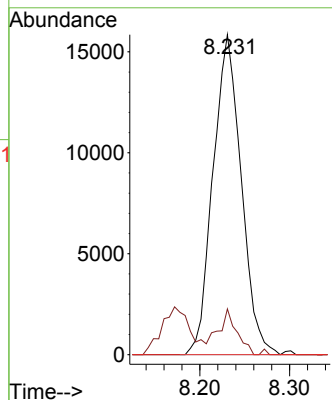
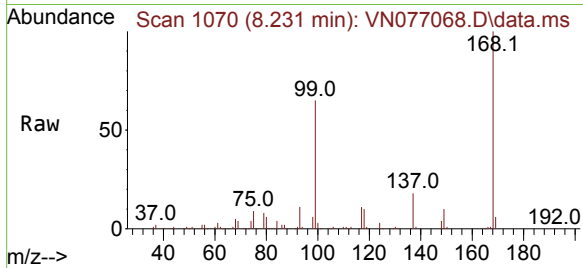




#36
1,1-Dichloropropene
Concen: 4.572 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN077068.D
Acq: 20 Mar 2023 15:05

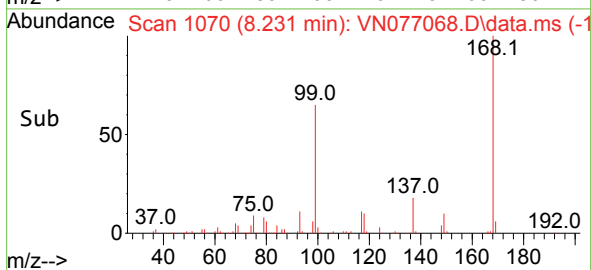
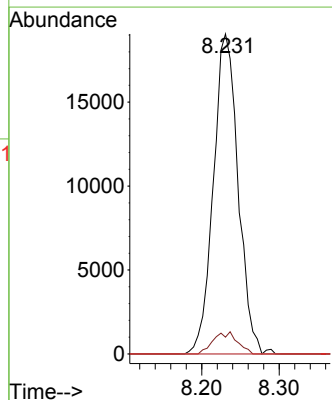
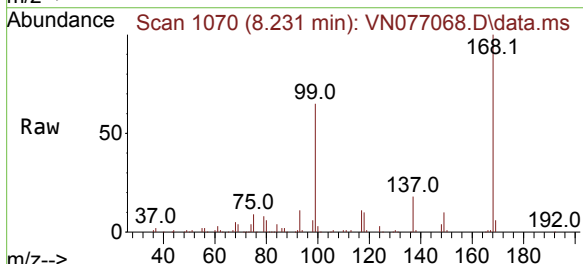
Instrument :
MSVOA_N
ClientSampleId :
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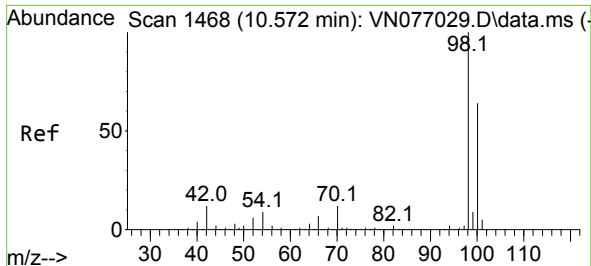
Tgt Ion: 75 Resp: 34600
Ion Ratio Lower Upper
75 100
110 9.4 15.9 47.7#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.747 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.135 min
Lab File: VN077068.D
Acq: 20 Mar 2023 15:05

Tgt Ion: 117 Resp: 42362
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 23.2 34.8#

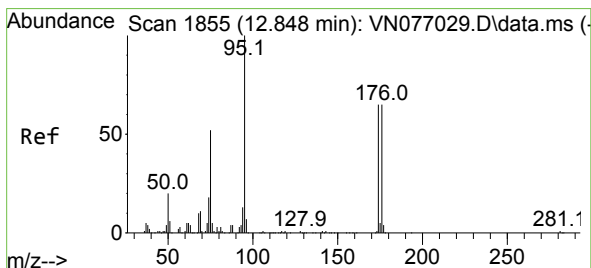
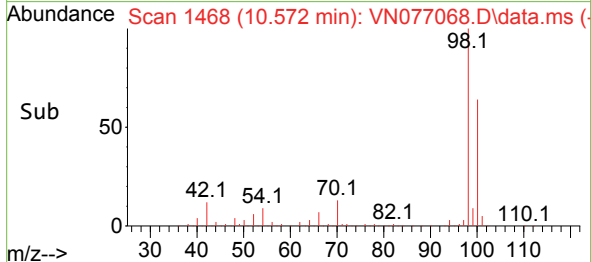
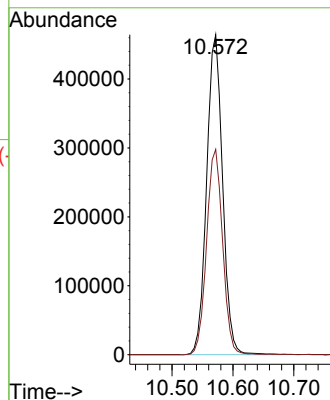
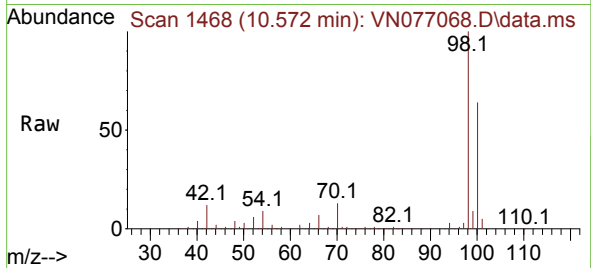




#50
Toluene-d8
Concen: 48.776 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077068.D
Acq: 20 Mar 2023 15:05

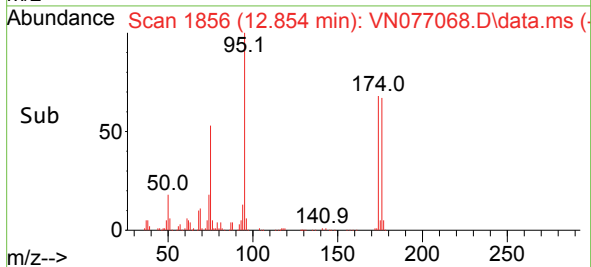
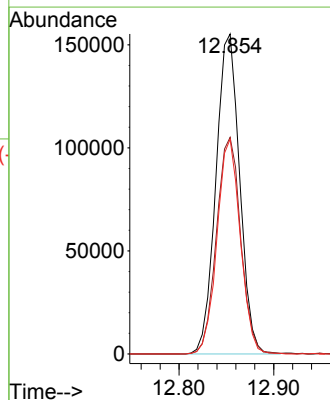
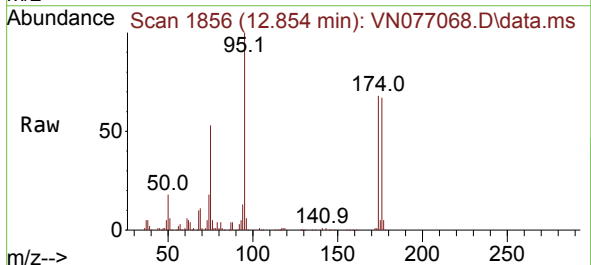
Instrument :
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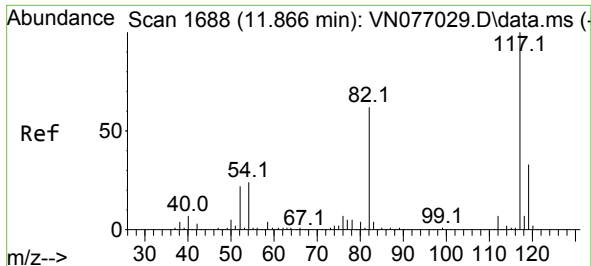
Tgt Ion: 98 Resp: 844261
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 44.172 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077068.D
Acq: 20 Mar 2023 15:05

Tgt Ion: 95 Resp: 270172
Ion Ratio Lower Upper
95 100
174 69.3 0.0 136.6
176 65.7 0.0 130.0

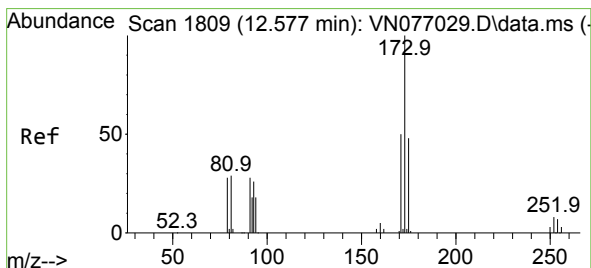
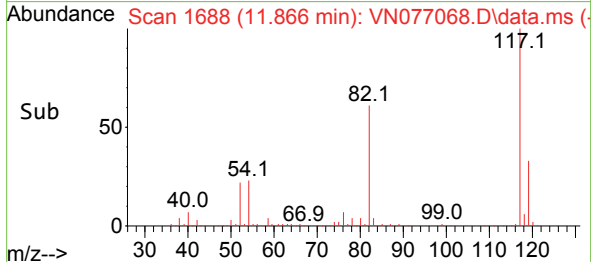
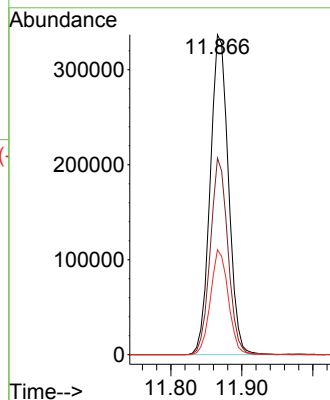
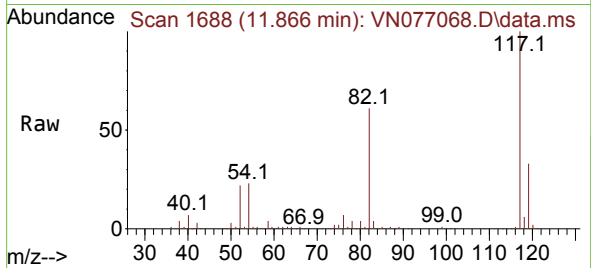




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077068.D
Acq: 20 Mar 2023 15:05

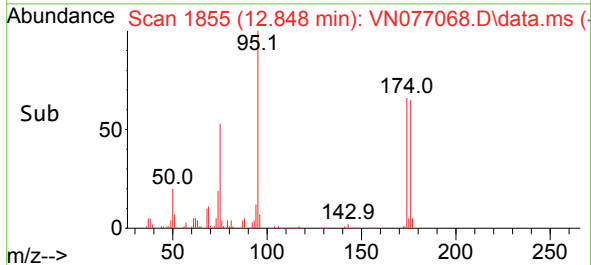
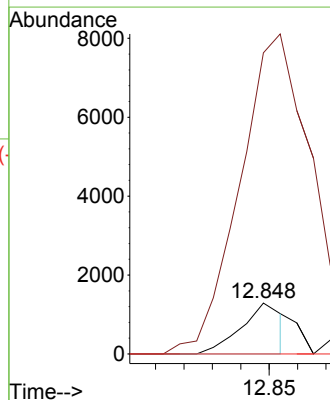
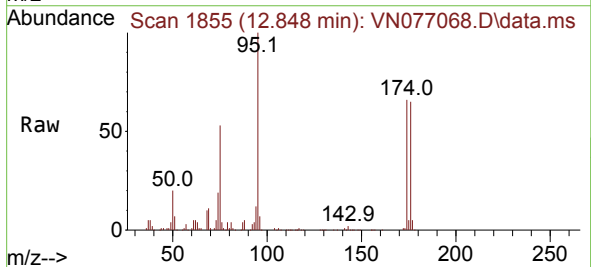
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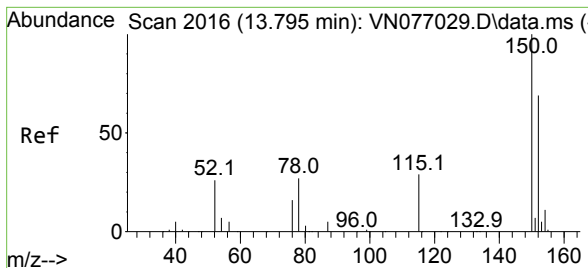
Tgt Ion:117 Resp: 600162
Ion Ratio Lower Upper
117 100
82 61.5 49.4 74.0
119 32.8 26.5 39.7



#71
Bromoform
Concen: 0.376 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.271 min
Lab File: VN077068.D
Acq: 20 Mar 2023 15:05

Tgt Ion:173 Resp: 1302
Ion Ratio Lower Upper
173 100
175 0.0 24.5 73.5#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN077068.D

Acq: 20 Mar 2023 15:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D2-20230313

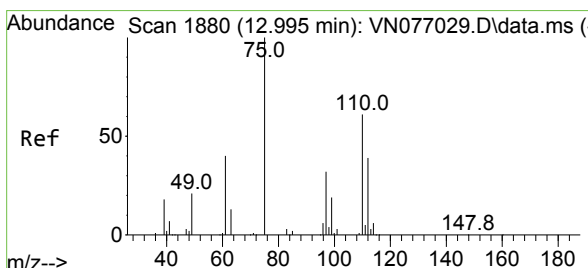
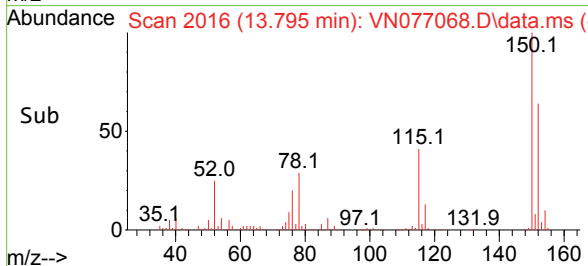
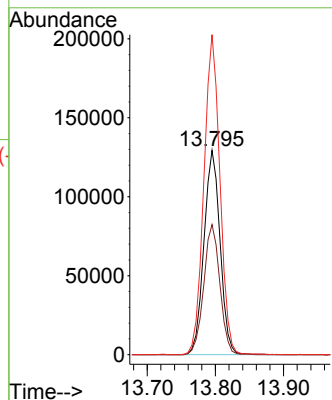
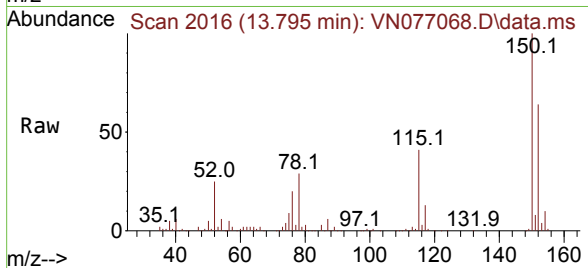
Tgt Ion:152 Resp: 212755

Ion Ratio Lower Upper

152 100

115 63.8 31.9 95.7

150 155.8 0.0 348.0



#76

1,2,3-Trichloropropane

Concen: 25.904 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. -0.141 min

Lab File: VN077068.D

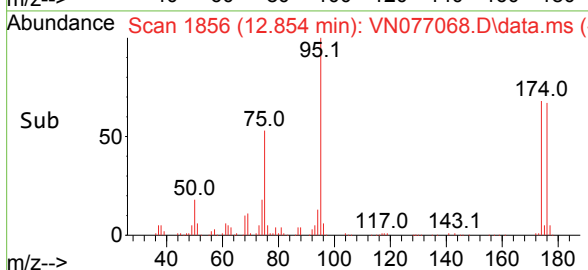
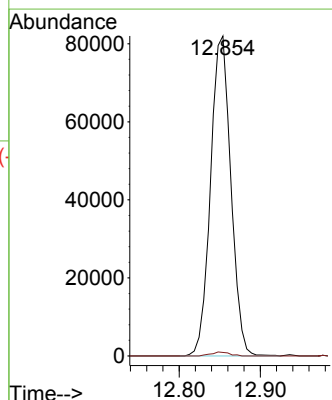
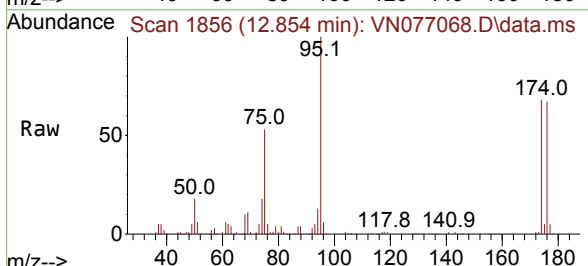
Acq: 20 Mar 2023 15:05

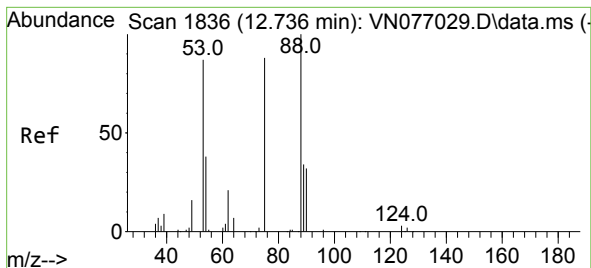
Tgt Ion: 75 Resp: 142556

Ion Ratio Lower Upper

75 100

77 1.1 107.3 322.0#

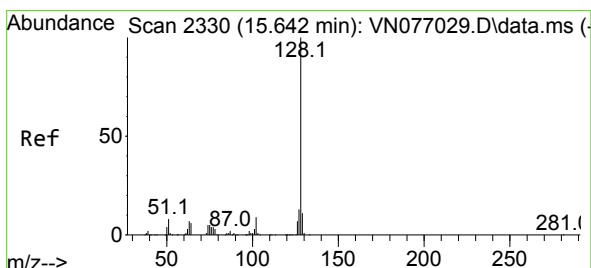
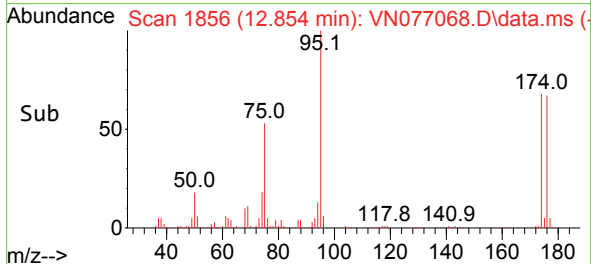
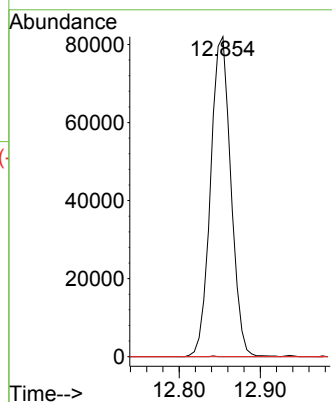
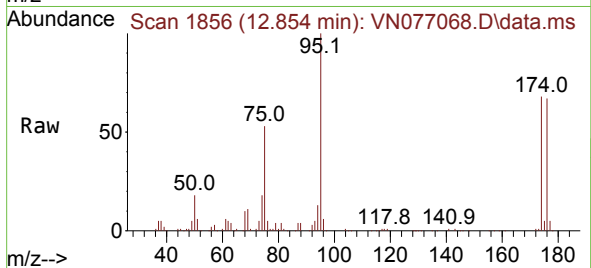




#81
trans-1,4-Dichloro-2-butene
Concen: 71.303 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN077068.D
Acq: 20 Mar 2023 15:05

Instrument :
MSVOA_N
ClientSampleId :
RE117D2-20230313

Tgt Ion: 75 Resp: 142556
Ion Ratio Lower Upper
75 100
53 0.1 80.8 121.2#
89 0.0 34.2 51.4#



#95
Naphthalene
Concen: 1.967 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077068.D
Acq: 20 Mar 2023 15:05

Tgt Ion: 128 Resp: 812
Ion Ratio Lower Upper
128 100
127 0.0 10.0 15.0#
129 0.0 8.6 13.0#

