

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075435.D
 Acq On : 25 Nov 2022 20:53
 Operator : JC\MD
 Sample : N5757-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GM38-RW3-MW1-20221121

Quant Time: Nov 28 03:40:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

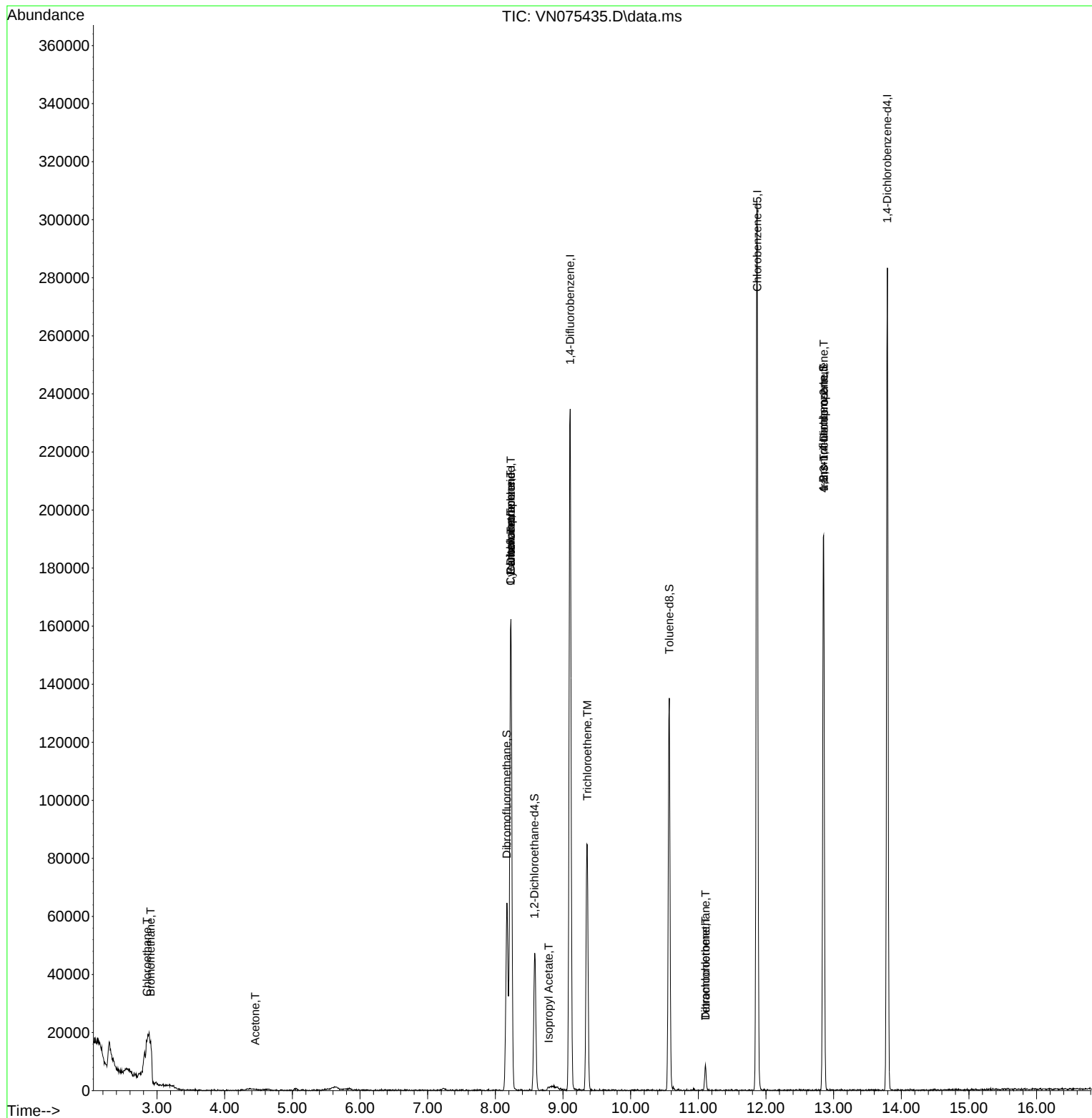
Internal Standards						
1) Pentafluorobenzene	8.230	168	127561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	219864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	188393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	78409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	38107	55.653	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.300%			
35) Dibromofluoromethane	8.171	113	44896	51.981	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.960%			
50) Toluene-d8	10.571	98	97219	49.977	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.960%			
62) 4-Bromofluorobenzene	12.847	95	68694	47.843	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.680%			
Target Compounds						Qvalue
5) Bromomethane	2.906	94	275	0.204	ug/l #	5
6) Chloroethane	2.853	64	22886	19.746	ug/l #	56
16) Acetone	4.453	43	132	0.207	ug/l #	43
18) Methyl Acetate	5.030	43	840	Below Cal	#	61
31) Cyclohexane	8.224	56	2210	1.016	ug/l #	44
36) 1,1-Dichloropropene	8.224	75	8822	4.684	ug/l #	49
38) Carbon Tetrachloride	8.230	117	12940	6.254	ug/l #	12
43) Isopropyl Acetate	8.788	43	623	0.229	ug/l #	53
44) Trichloroethene	9.359	130	32353	20.503	ug/l	97
60) Dibromochloromethane	11.106	129	2088	1.344	ug/l #	11
64) Tetrachloroethene	11.106	164	2189	1.522	ug/l #	76
76) 1,2,3-Trichloropropane	12.853	75	33777	22.784	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	33777	67.412	ug/l #	10

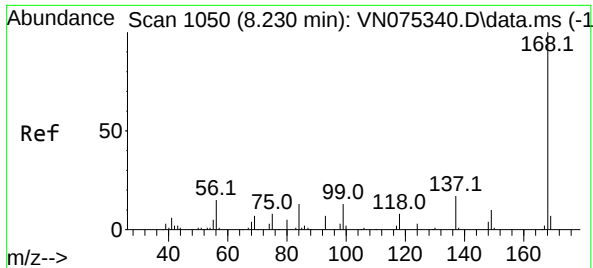
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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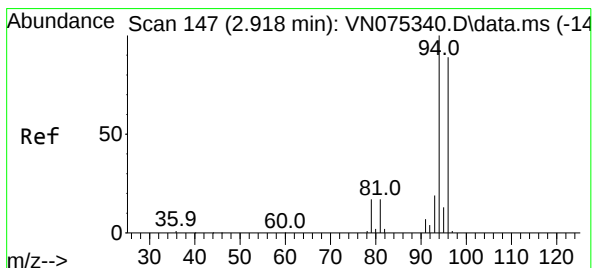
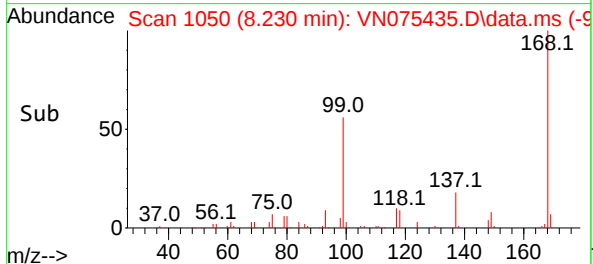
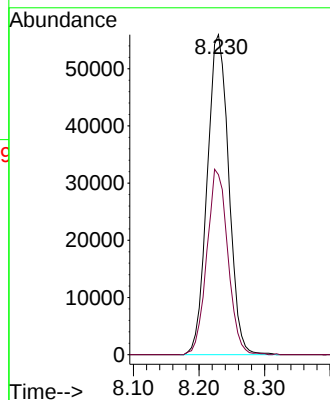
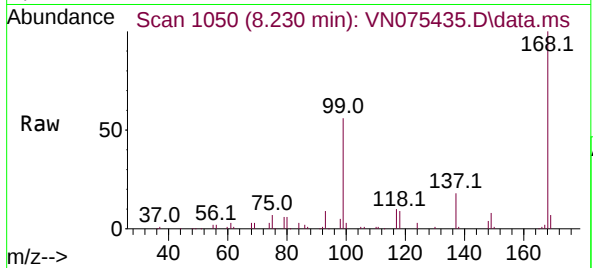




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075435.D
Acq: 25 Nov 2022 20:53

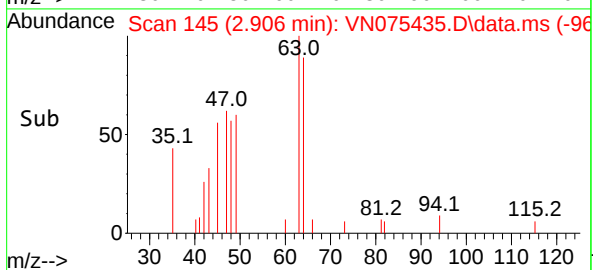
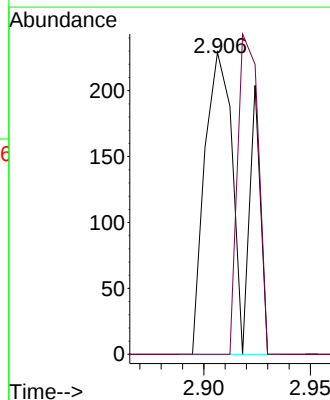
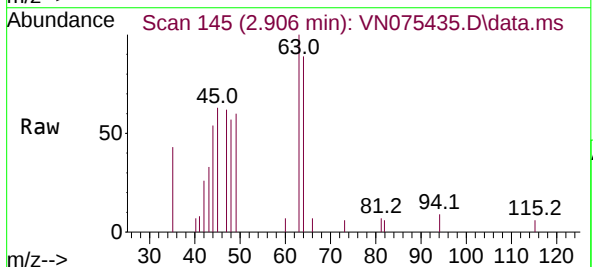
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20221121

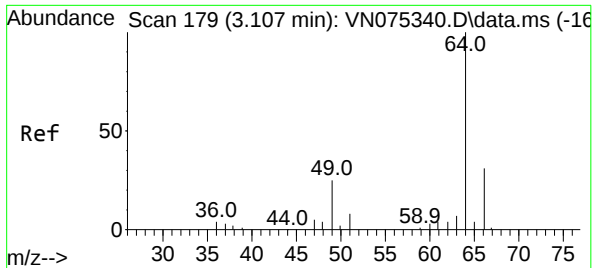
Tgt Ion:168 Resp: 127561
Ion Ratio Lower Upper
168 100
99 56.2 51.6 77.4



#5
Bromomethane
Concen: 0.204 ug/l
RT: 2.906 min Scan# 145
Delta R.T. -0.012 min
Lab File: VN075435.D
Acq: 25 Nov 2022 20:53

Tgt Ion: 94 Resp: 275
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

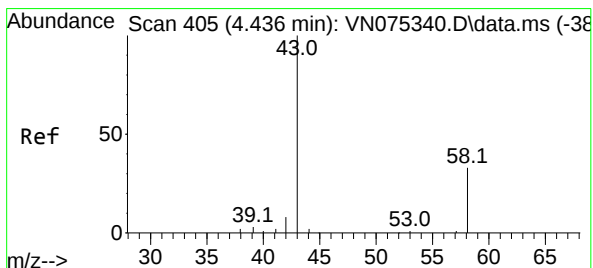
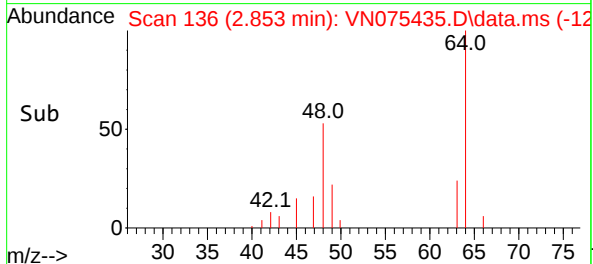
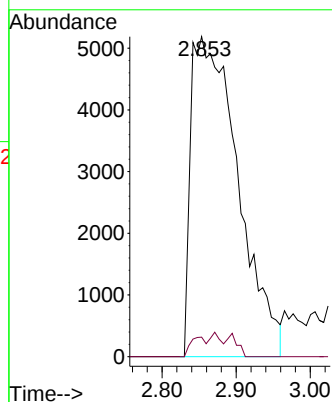
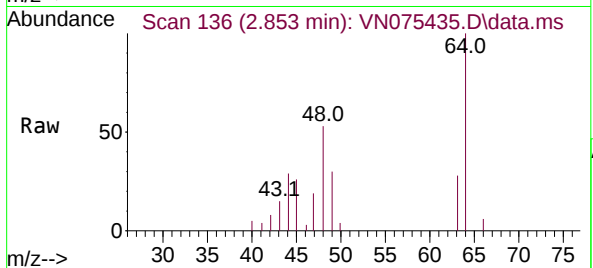




#6
Chloroethane
Concen: 19.746 ug/l
RT: 2.853 min Scan# 11
Delta R.T. -0.254 min
Lab File: VN075435.D
Acq: 25 Nov 2022 20:53

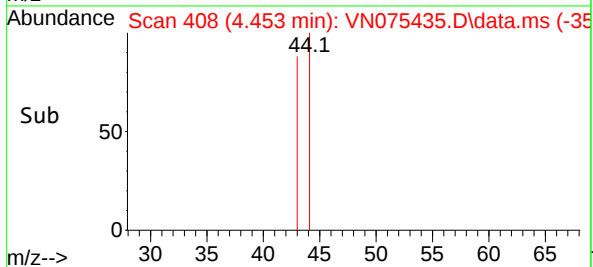
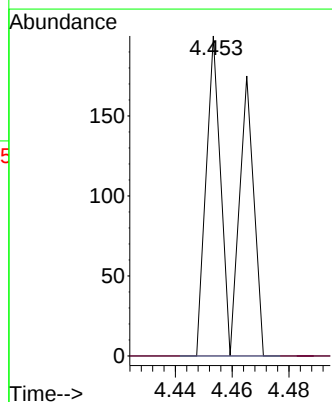
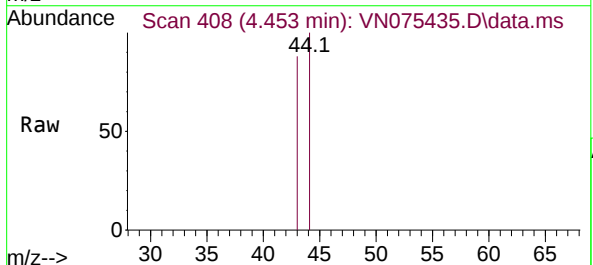
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20221121

Tgt Ion: 64 Resp: 22886
Ion Ratio Lower Upper
64 100
66 6.1 23.8 35.8#



#16
Acetone
Concen: 0.207 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.017 min
Lab File: VN075435.D
Acq: 25 Nov 2022 20:53

Tgt Ion: 43 Resp: 132
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#

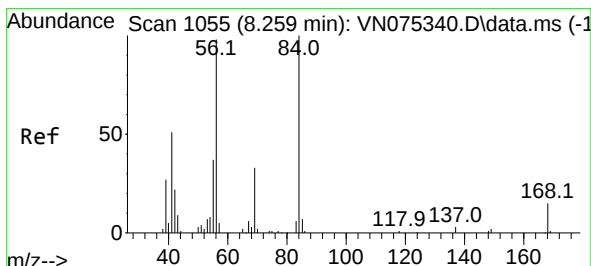
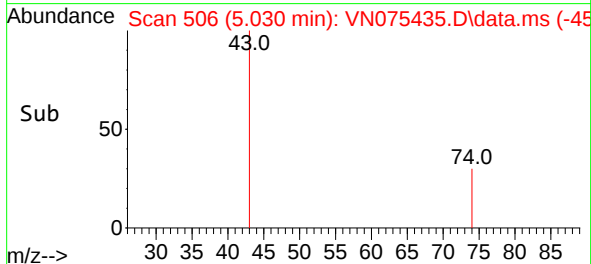
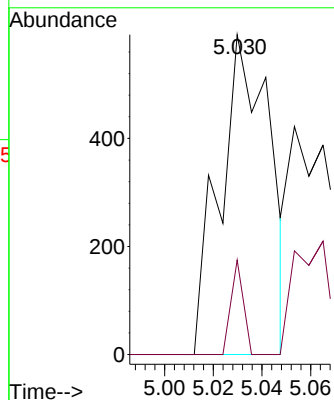
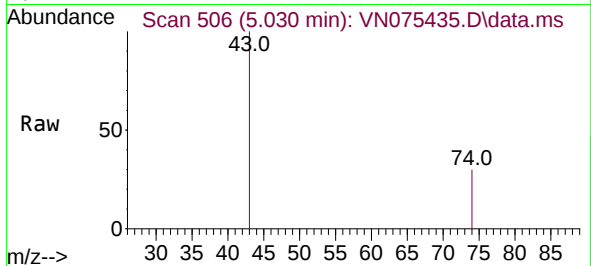




#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075435.D
Acq: 25 Nov 2022 20:53

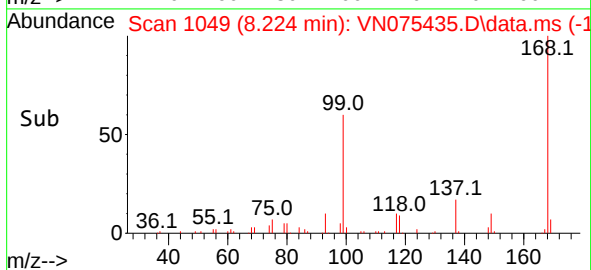
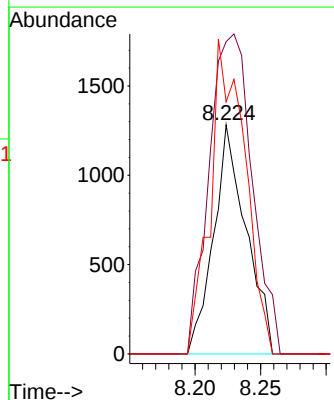
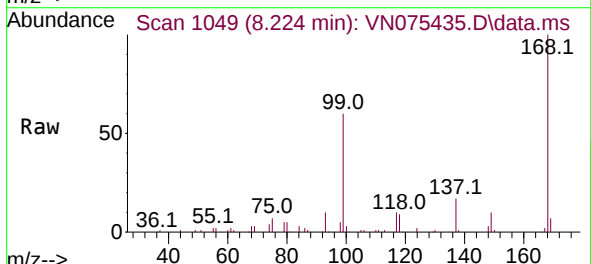
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20221121

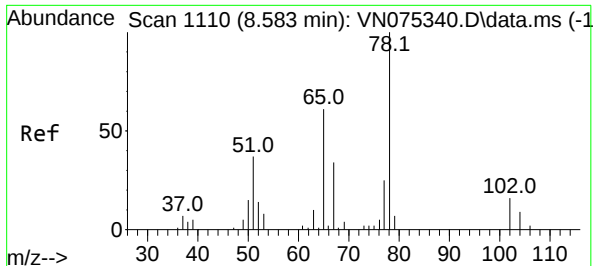
Tgt Ion: 43 Resp: 840
Ion Ratio Lower Upper
43 100
74 7.4 22.0 33.0#



#31
Cyclohexane
Concen: 1.016 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN075435.D
Acq: 25 Nov 2022 20:53

Tgt Ion: 56 Resp: 2210
Ion Ratio Lower Upper
56 100
69 136.3 25.2 37.8#
84 110.1 77.8 116.8





#33

1,2-Dichloroethane-d4

Concen: 55.653 ug/l

RT: 8.577 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VN075435.D

Acq: 25 Nov 2022 20:53

Instrument :

MSVOA_N

ClientSampleId :

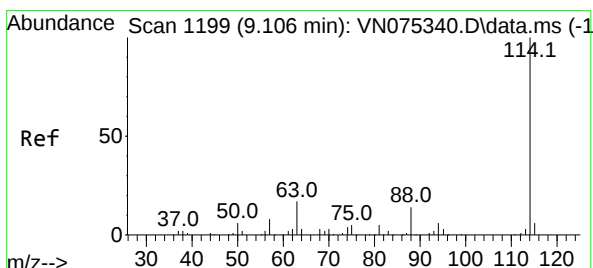
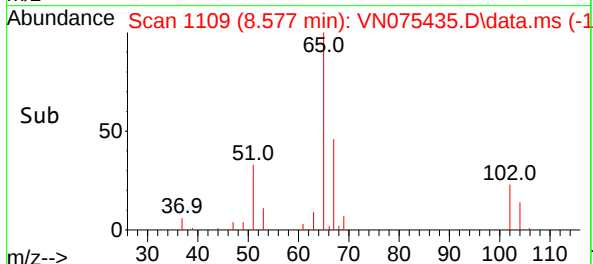
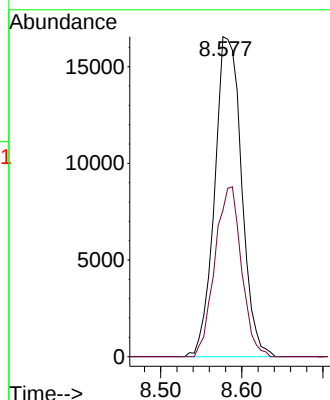
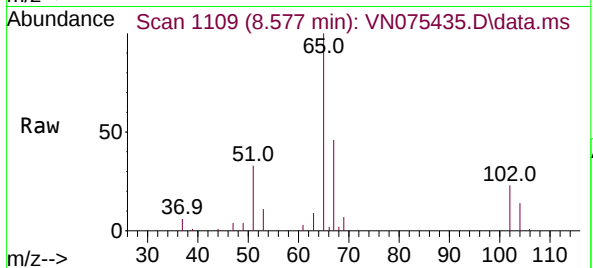
GM38-RW3-MW1-20221121

Tgt Ion: 65 Resp: 38107

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075435.D

Acq: 25 Nov 2022 20:53

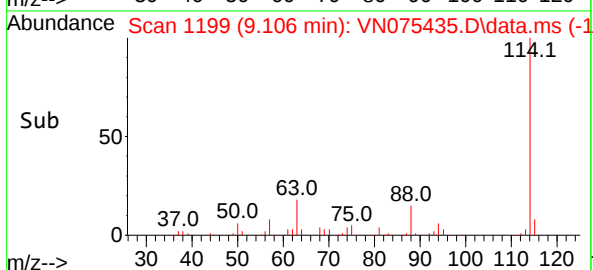
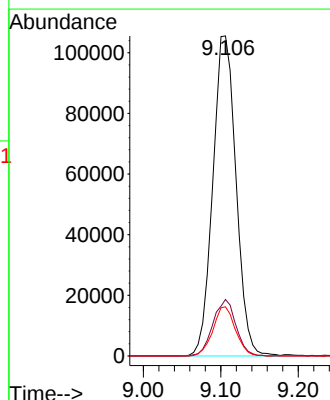
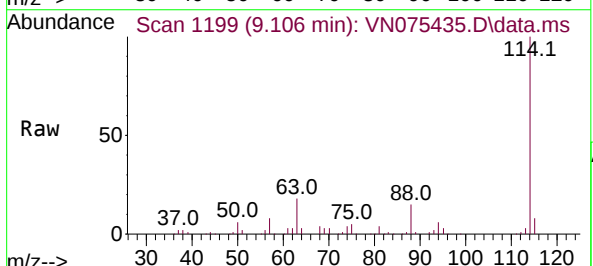
Tgt Ion: 114 Resp: 219864

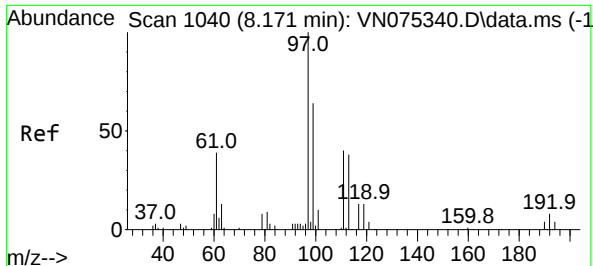
Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

88 15.4 0.0 29.0

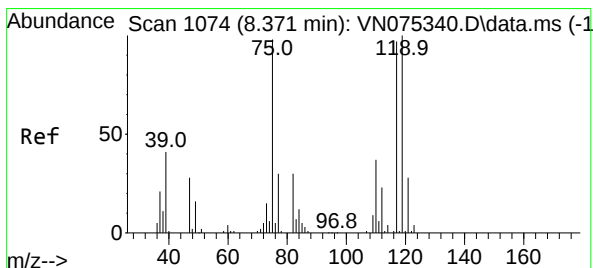
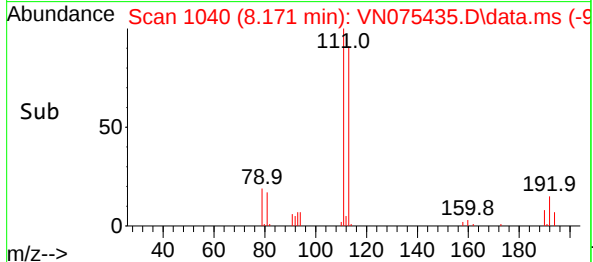
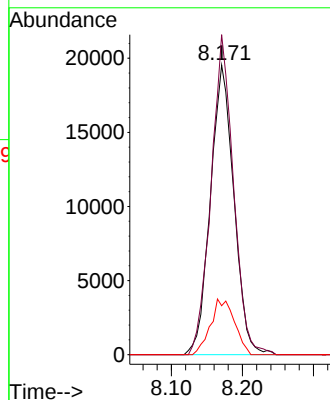
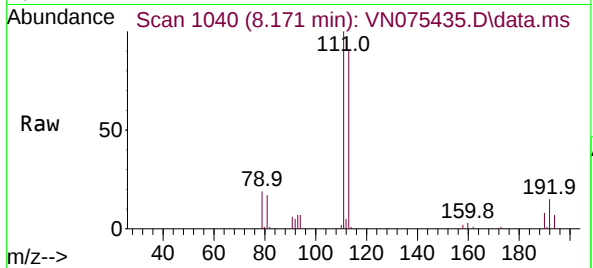




#35
Dibromofluoromethane
Concen: 51.981 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075435.D
Acq: 25 Nov 2022 20:53

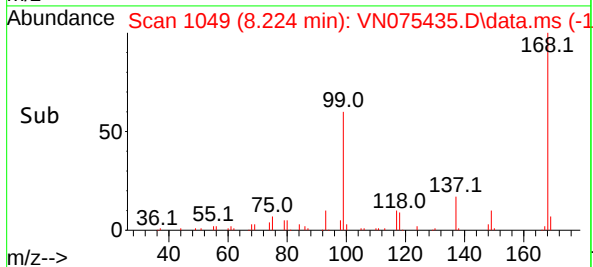
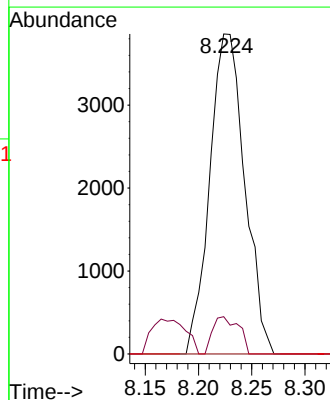
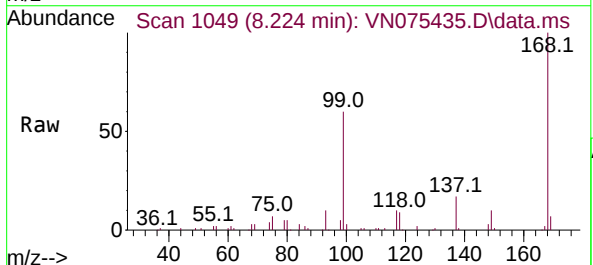
Instrument :
MSVOA_N
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GM38-RW3-MW1-20221121

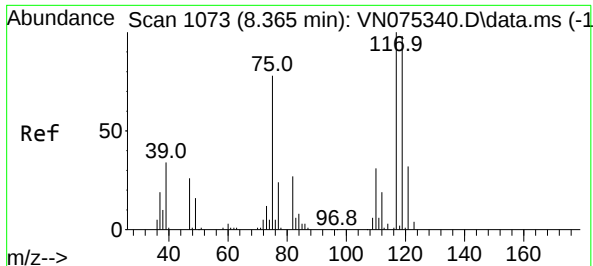
Tgt Ion:113 Resp: 44896
Ion Ratio Lower Upper
113 100
111 105.4 80.5 120.7
192 19.5 13.2 19.8



#36
1,1-Dichloropropene
Concen: 4.684 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.147 min
Lab File: VN075435.D
Acq: 25 Nov 2022 20:53

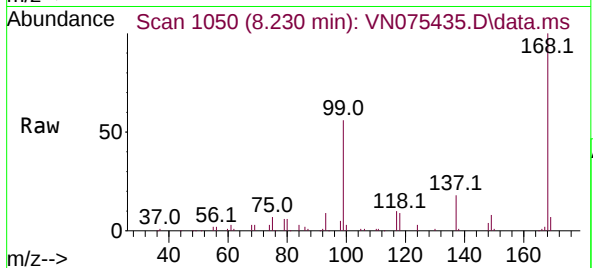
Tgt Ion: 75 Resp: 8822
Ion Ratio Lower Upper
75 100
110 8.6 17.8 53.3#
77 0.0 24.6 37.0#



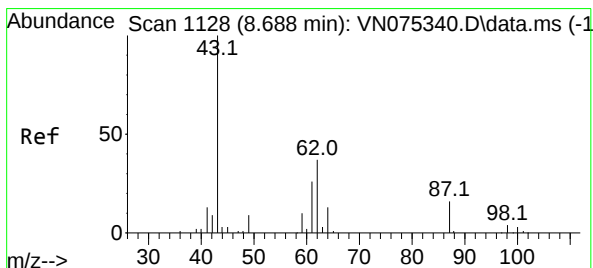
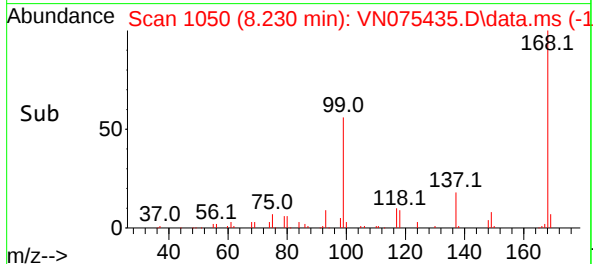
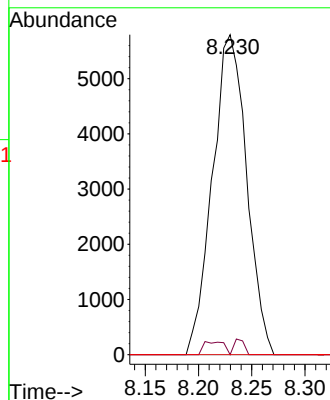


#38
Carbon Tetrachloride
Concen: 6.254 ug/l
RT: 8.230 min Scan# 1145
Delta R.T. -0.135 min
Lab File: VN075435.D
Acq: 25 Nov 2022 20:53

Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20221121

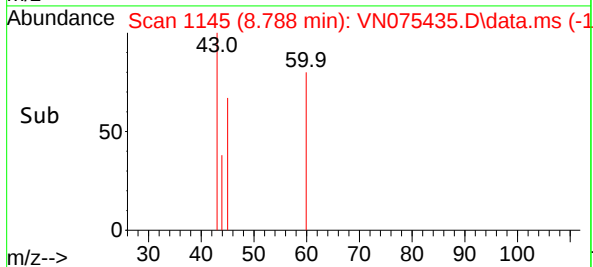
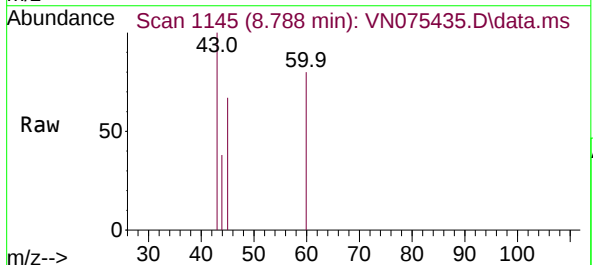


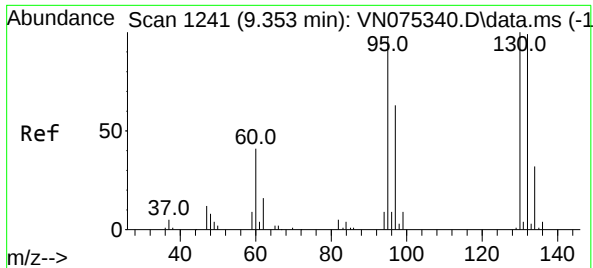
Tgt Ion:117 Resp: 12940
Ion Ratio Lower Upper
117 100
119 0.0 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 0.229 ug/l
RT: 8.788 min Scan# 1145
Delta R.T. 0.100 min
Lab File: VN075435.D
Acq: 25 Nov 2022 20:53

Tgt Ion: 43 Resp: 623
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#

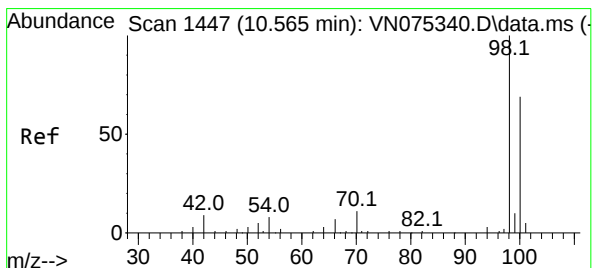
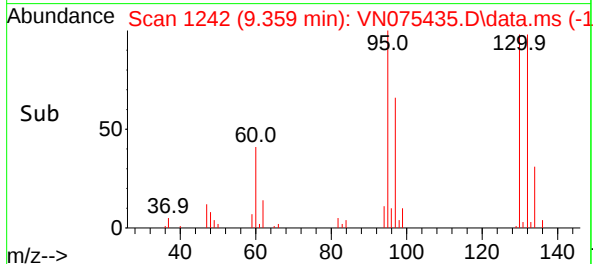
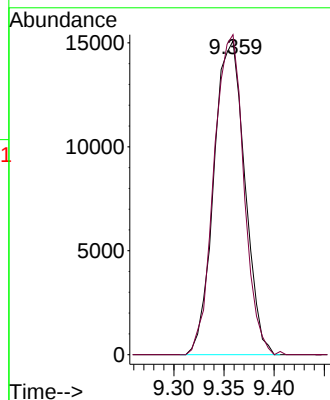
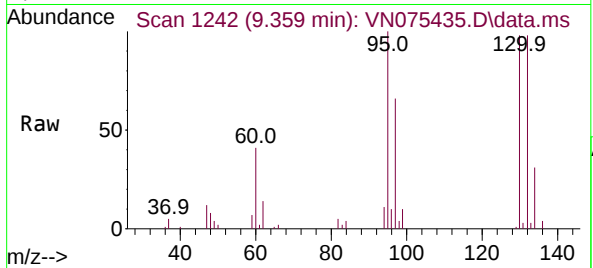




#44
 Trichloroethene
 Concen: 20.503 ug/l
 RT: 9.359 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN075435.D
 Acq: 25 Nov 2022 20:53

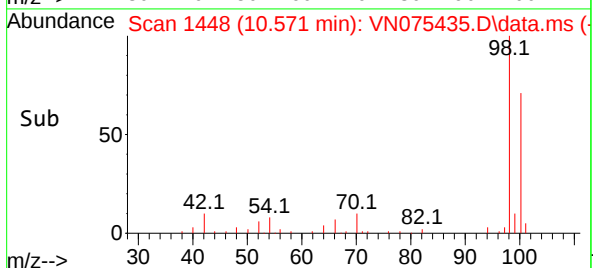
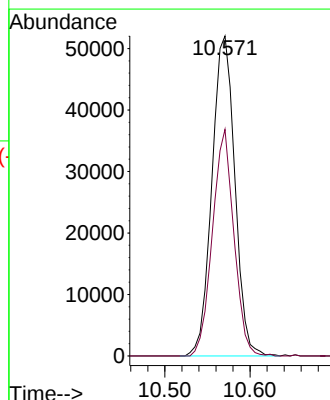
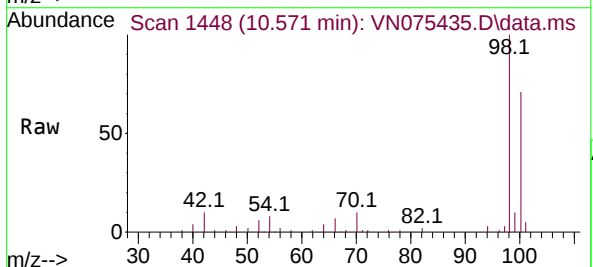
Instrument :
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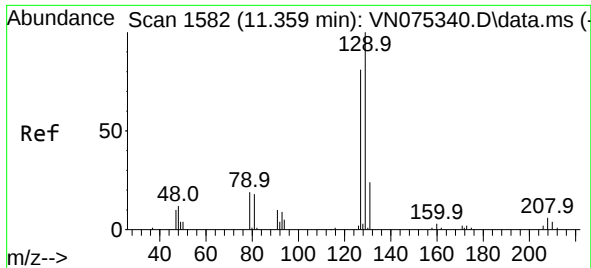
Tgt Ion:130 Resp: 32353
 Ion Ratio Lower Upper
 130 100
 95 102.0 0.0 198.4



#50
 Toluene-d8
 Concen: 49.977 ug/l
 RT: 10.571 min Scan# 1448
 Delta R.T. 0.006 min
 Lab File: VN075435.D
 Acq: 25 Nov 2022 20:53

Tgt Ion: 98 Resp: 97219
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.0 79.6

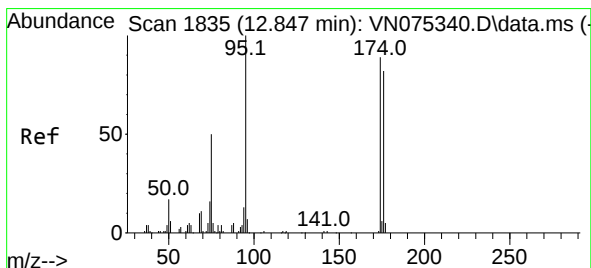
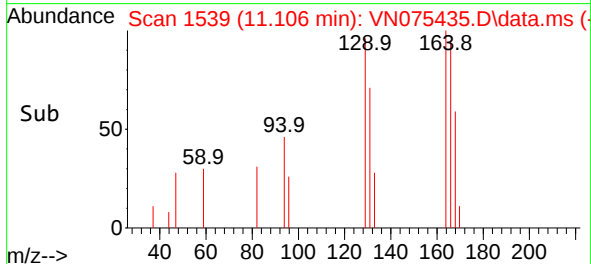
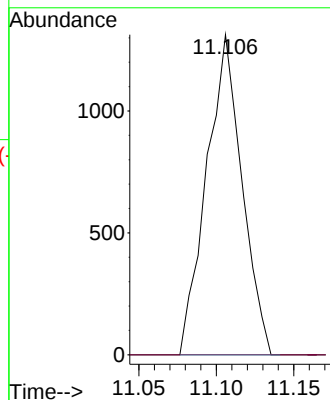
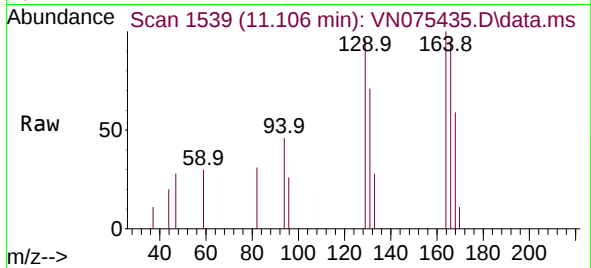




#60
Dibromochloromethane
Concen: 1.344 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.253 min
Lab File: VN075435.D
Acq: 25 Nov 2022 20:53

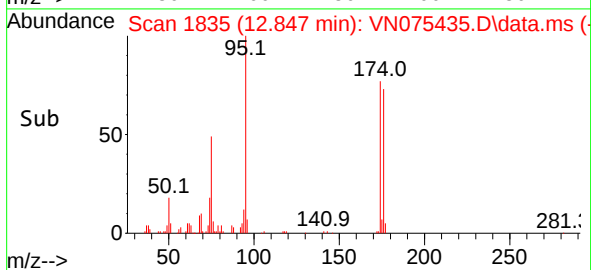
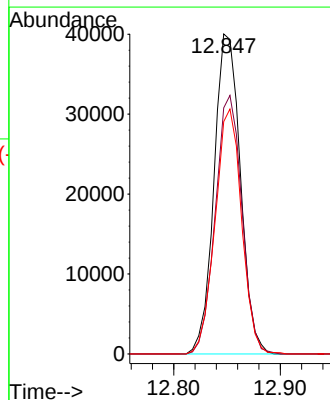
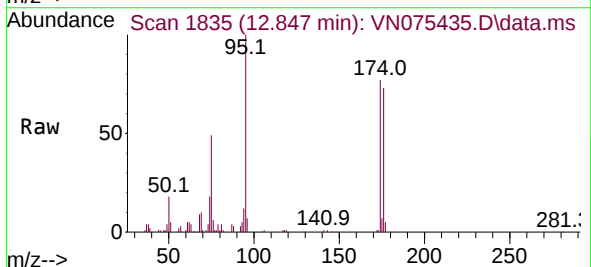
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20221121

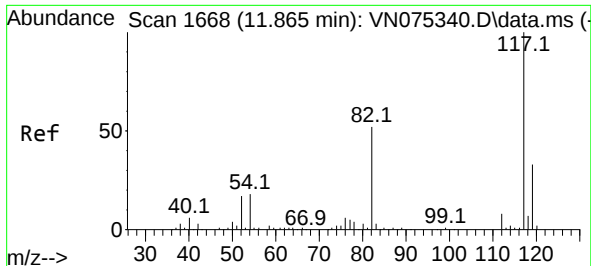
Tgt Ion:129 Resp: 2088
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 47.843 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075435.D
Acq: 25 Nov 2022 20:53

Tgt Ion: 95 Resp: 68694
Ion Ratio Lower Upper
95 100
174 81.5 0.0 147.4
176 77.1 0.0 142.2

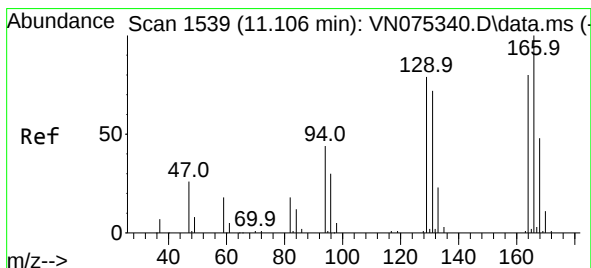
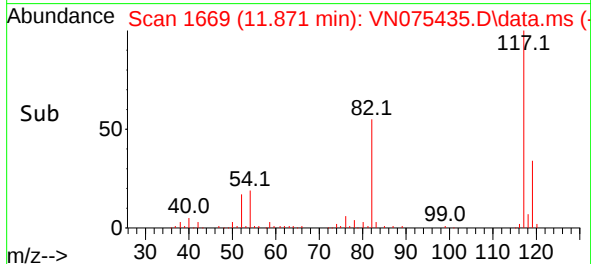
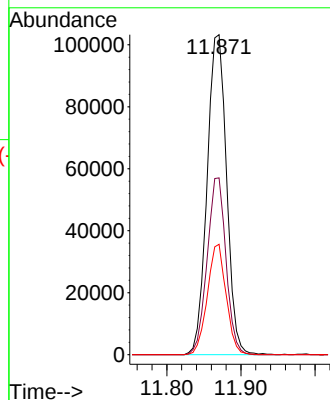
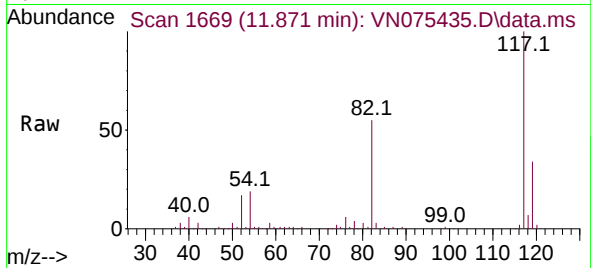




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075435.D
Acq: 25 Nov 2022 20:53

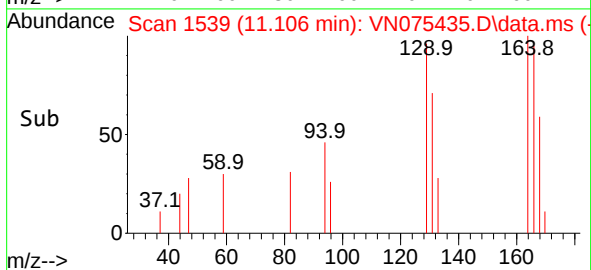
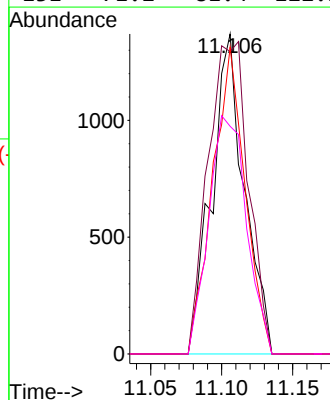
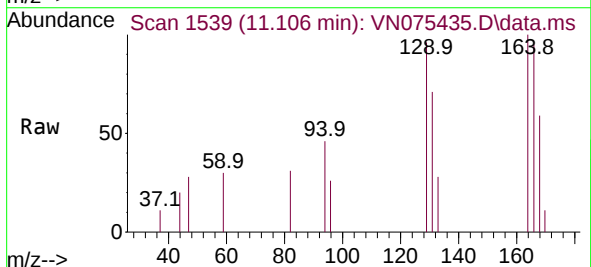
Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20221121

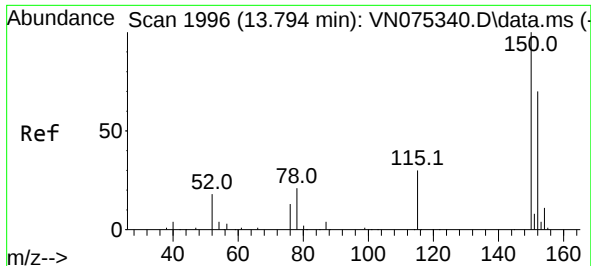
Tgt Ion:117 Resp: 188393
Ion Ratio Lower Upper
117 100
82 55.3 43.1 64.7
119 34.5 25.5 38.3



#64
Tetrachloroethene
Concen: 1.522 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075435.D
Acq: 25 Nov 2022 20:53

Tgt Ion:164 Resp: 2189
Ion Ratio Lower Upper
164 100
166 94.5 106.5 159.7#
129 95.8 81.9 122.9
131 71.2 81.4 122.2#

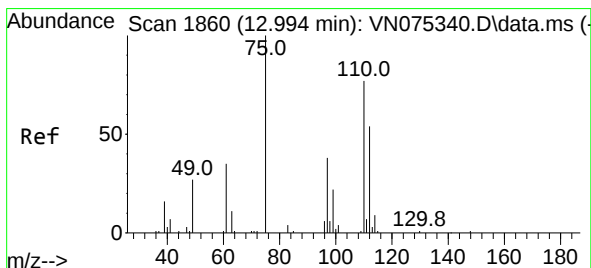
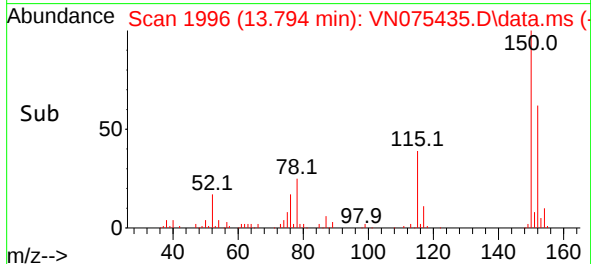
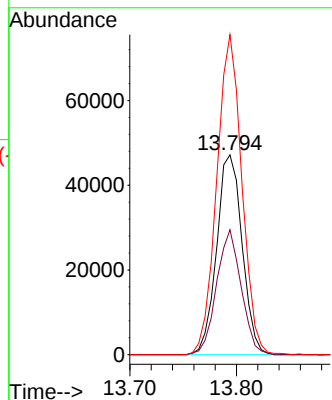
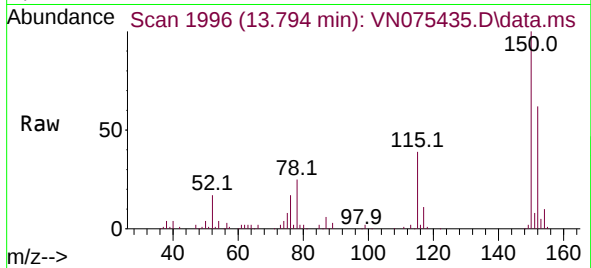




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075435.D
 Acq: 25 Nov 2022 20:53

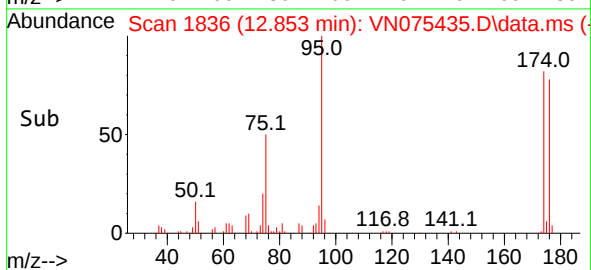
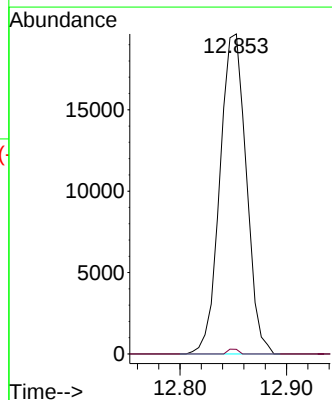
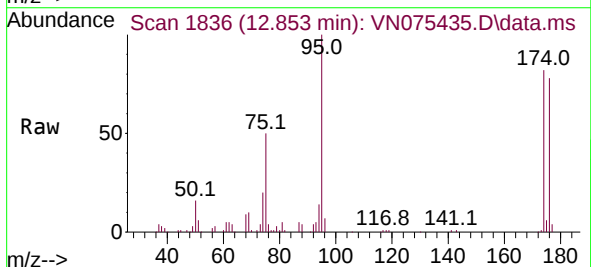
Instrument :
 MSVOA_N
 ClientSampleId :
 GM38-RW3-MW1-20221121

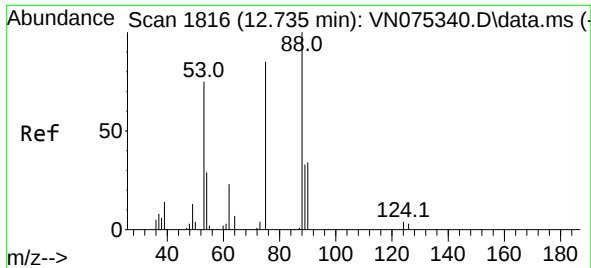
Tgt Ion:152 Resp: 78409
 Ion Ratio Lower Upper
 152 100
 115 60.1 30.2 90.6
 150 157.7 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 22.784 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075435.D
 Acq: 25 Nov 2022 20:53

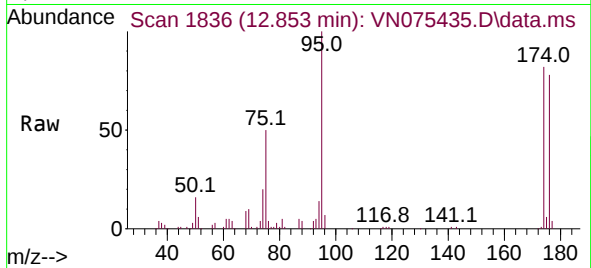
Tgt Ion: 75 Resp: 33777
 Ion Ratio Lower Upper
 75 100
 77 0.6 75.6 226.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.412 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN075435.D
Acq: 25 Nov 2022 20:53

Instrument :
MSVOA_N
ClientSampleId :
GM38-RW3-MW1-20221121



Tgt Ion: 75 Resp: 33777
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

