

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075795.D
 Acq On : 15 Dec 2022 03:16
 Operator : JC\MD
 Sample : N5990-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-38

Quant Time: Dec 15 03:33:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

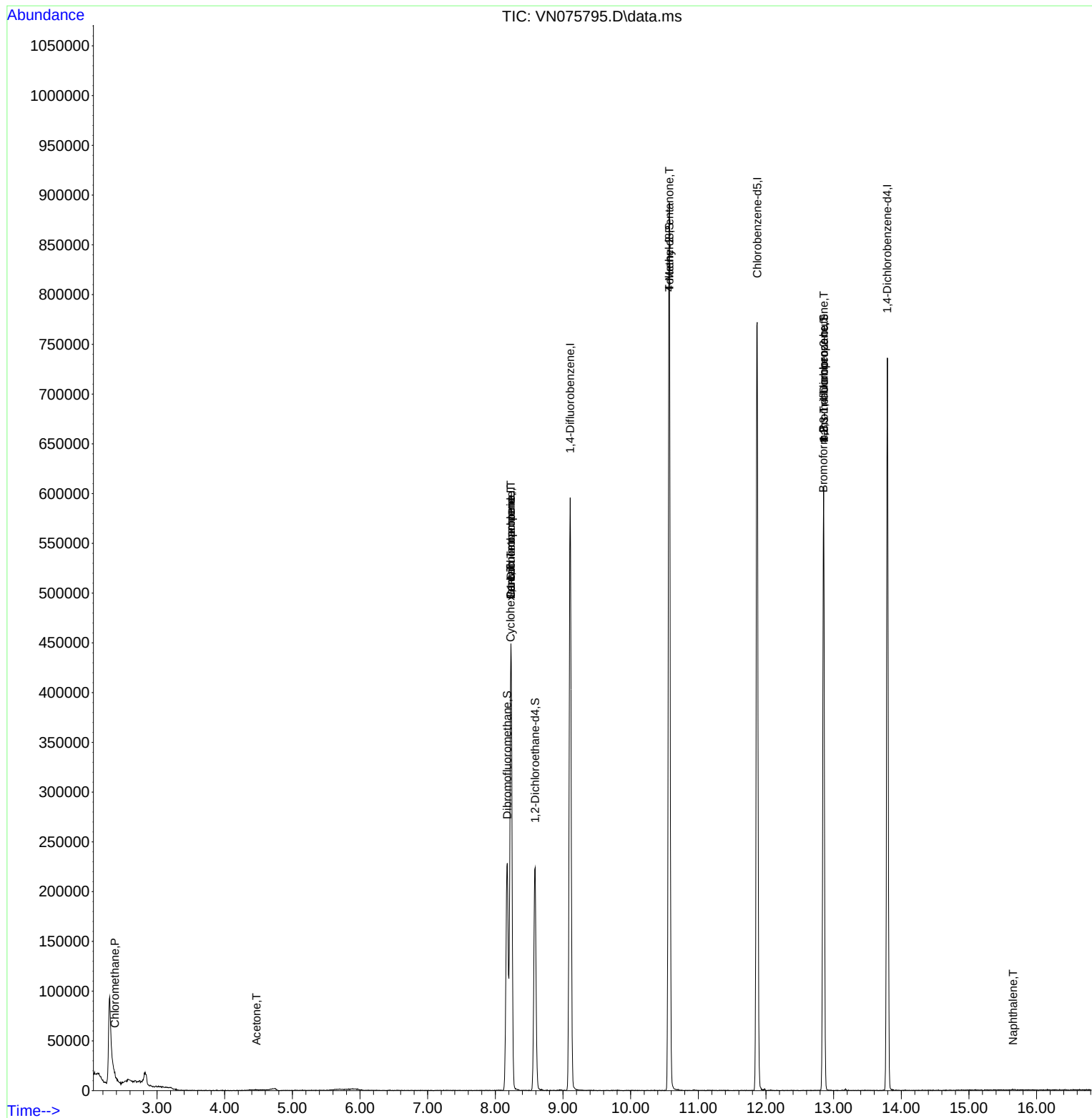
Internal Standards						
1) Pentafluorobenzene	8.230	168	352640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	554413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	483888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	203723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	182734	47.632	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.260%
35) Dibromofluoromethane	8.177	113	167292	48.725	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.440%
50) Toluene-d8	10.571	98	639643	49.828	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.853	95	200850	47.239	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.480%
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	653	0.210	ug/l #	40
16) Acetone	4.471	43	465	0.352	ug/l #	39
20) Methylene Chloride	5.289	84	134	Below Cal	#	12
31) Cyclohexane	8.224	56	6389	1.163	ug/l #	15
36) 1,1-Dichloropropene	8.230	75	24696	5.415	ug/l #	49
38) Carbon Tetrachloride	8.230	117	34873	6.832	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	2187	0.598	ug/l #	1
71) Bromoform	12.847	173	1242	0.464	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	102239	24.897	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	102239	89.615	ug/l #	12
95) Naphthalene	15.653	128	886	2.254	ug/l #	69

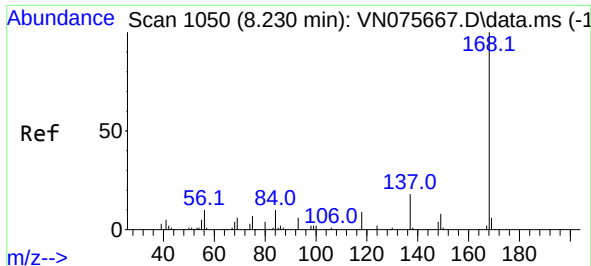
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
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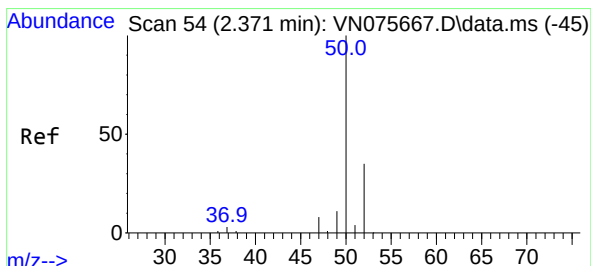
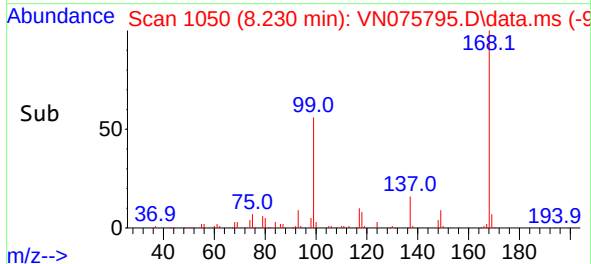
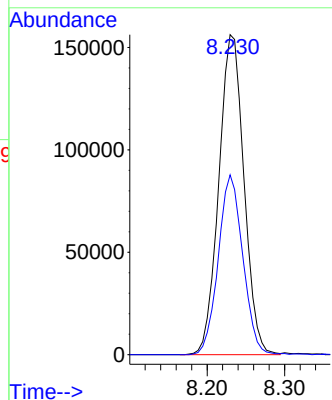
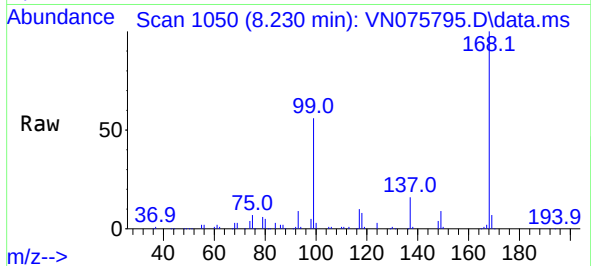




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075795.D
Acq: 15 Dec 2022 03:16

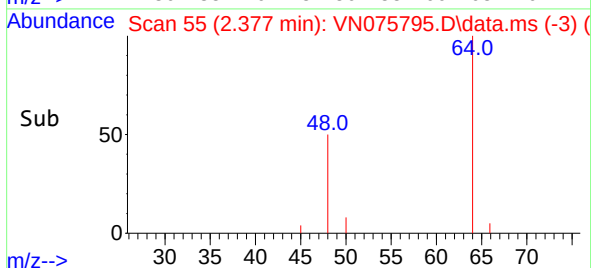
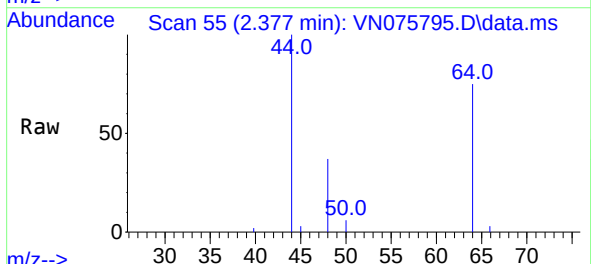
Instrument :
MSVOA_N
ClientSampleId :
MW-38

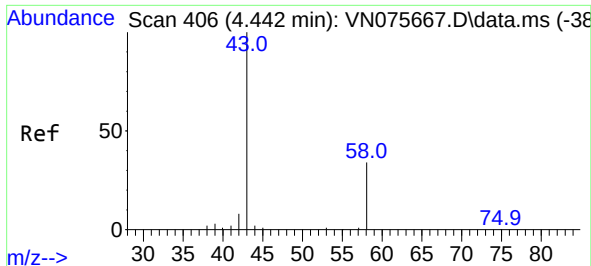
Tgt Ion:168 Resp: 352640
Ion Ratio Lower Upper
168 100
99 56.2 44.2 66.4



#3
Chloromethane
Concen: 0.210 ug/l
RT: 2.377 min Scan# 55
Delta R.T. 0.006 min
Lab File: VN075795.D
Acq: 15 Dec 2022 03:16

Tgt Ion: 50 Resp: 653
Ion Ratio Lower Upper
50 100
52 0.0 27.7 41.5#

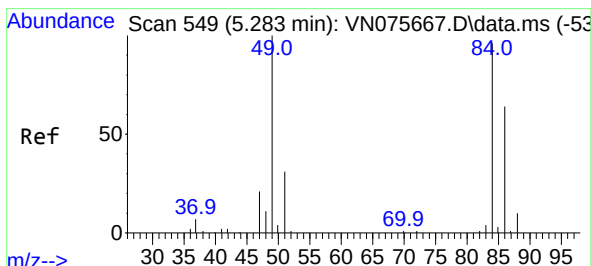
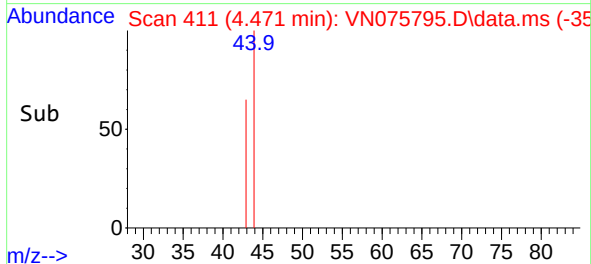
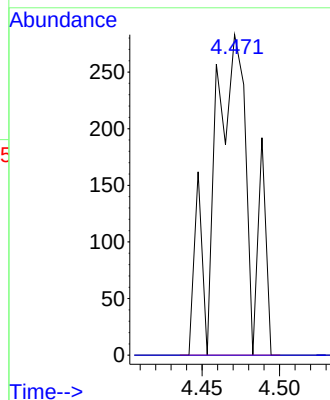
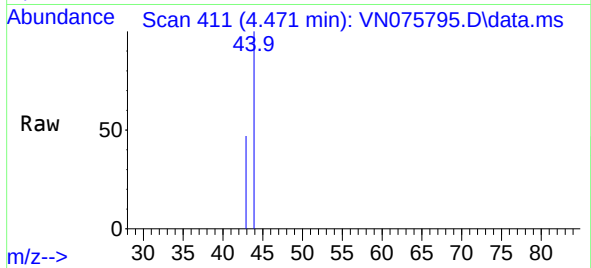




#16
Acetone
Concen: 0.352 ug/l
RT: 4.471 min Scan# 411
Delta R.T. 0.029 min
Lab File: VN075795.D
Acq: 15 Dec 2022 03:16

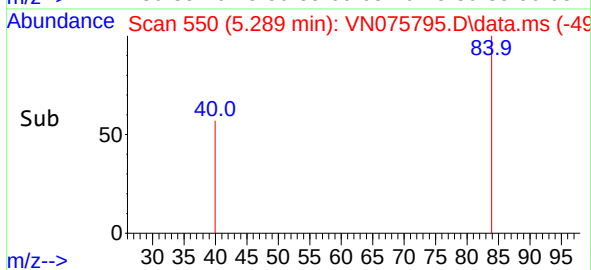
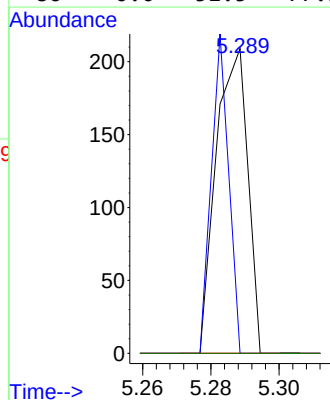
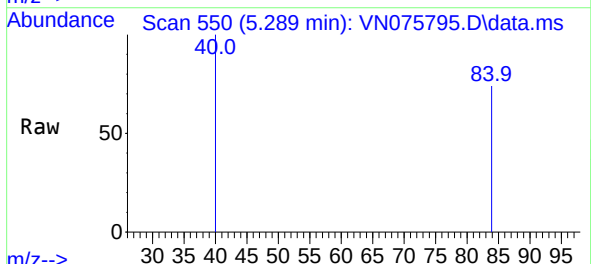
Instrument :
MSVOA_N
ClientSampleId :
MW-38

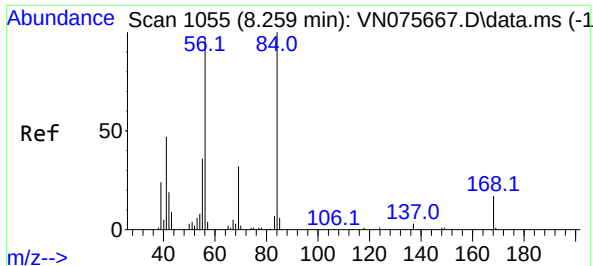
Tgt Ion: 43 Resp: 465
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075795.D
Acq: 15 Dec 2022 03:16

Tgt Ion: 84 Resp: 134
Ion Ratio Lower Upper
84 100
49 0.0 81.8 122.6#
51 0.0 26.7 40.1#
86 0.0 51.5 77.3#

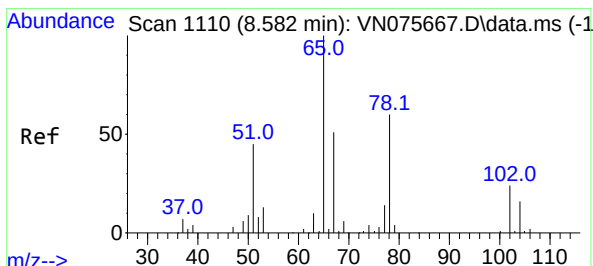
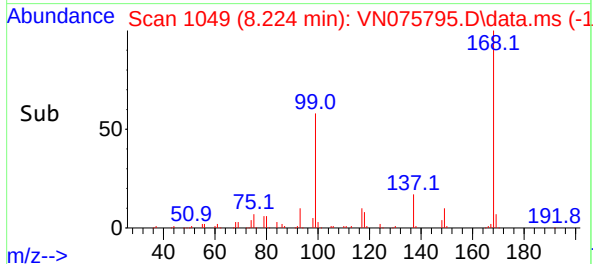
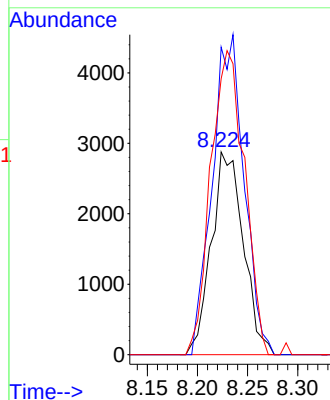
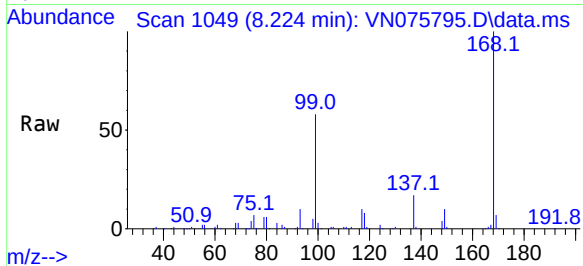




#31
Cyclohexane
Concen: 1.163 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.041 min
Lab File: VN075795.D
Acq: 15 Dec 2022 03:16

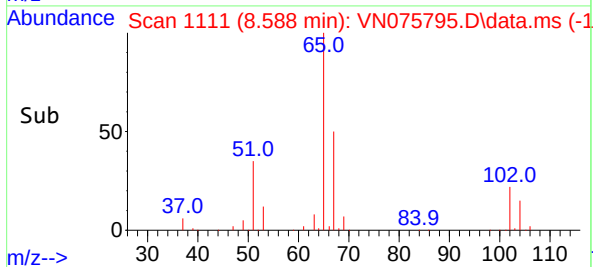
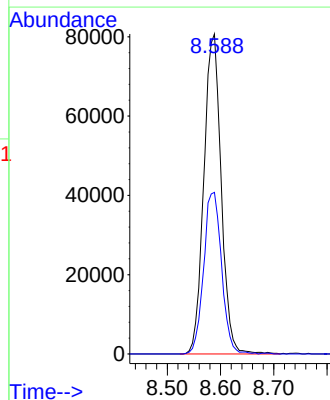
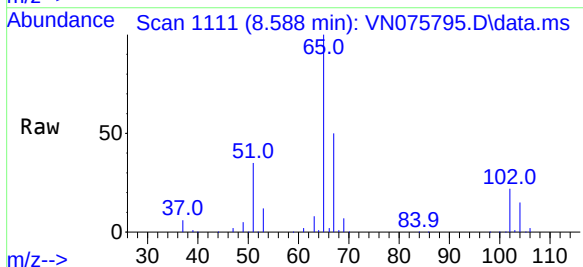
Instrument :
MSVOA_N
ClientSampleId :
MW-38

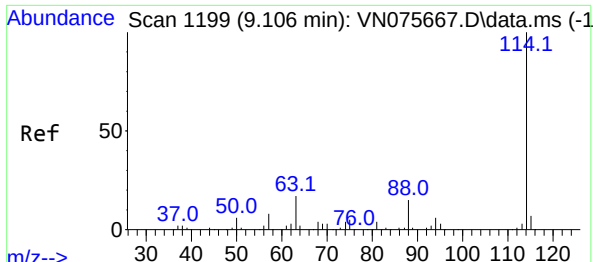
Tgt Ion: 56 Resp: 6389
Ion Ratio Lower Upper
56 100
69 151.7 24.7 37.1#
84 136.2 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 47.632 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075795.D
Acq: 15 Dec 2022 03:16

Tgt Ion: 65 Resp: 182734
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.4



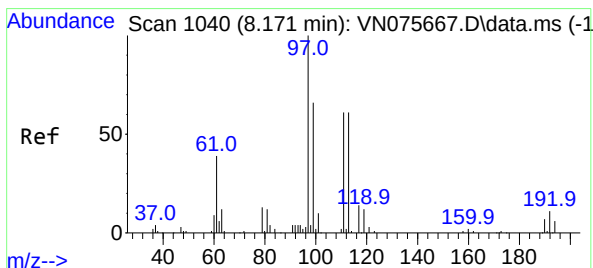
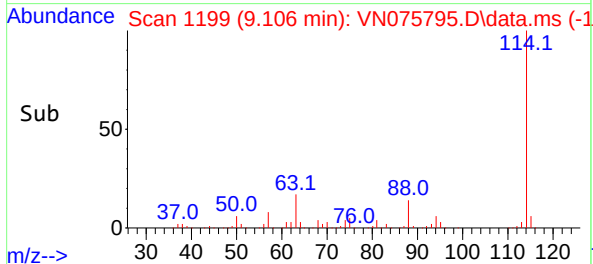
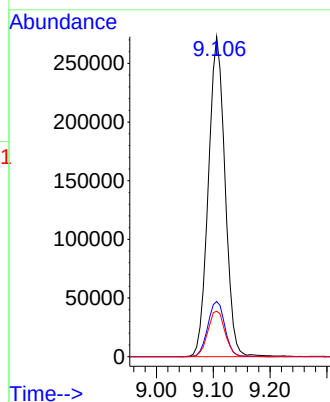
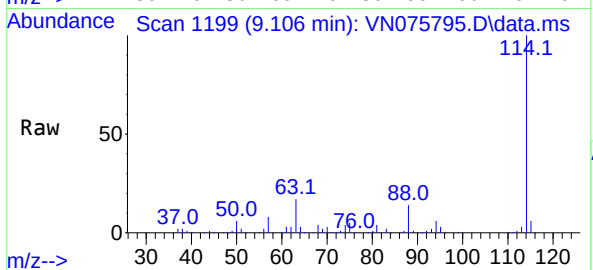


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075795.D
Acq: 15 Dec 2022 03:16

Instrument :
MSVOA_N
ClientSampleId :
MW-38

Tgt Ion:114 Resp: 554413

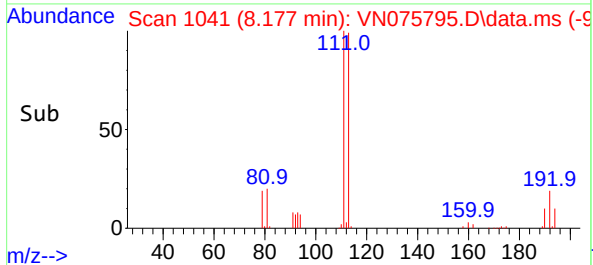
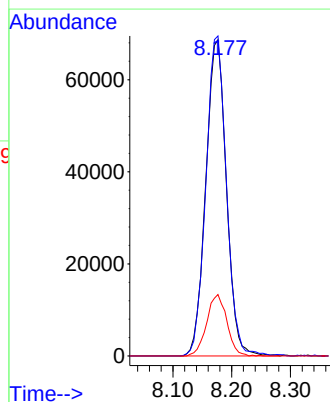
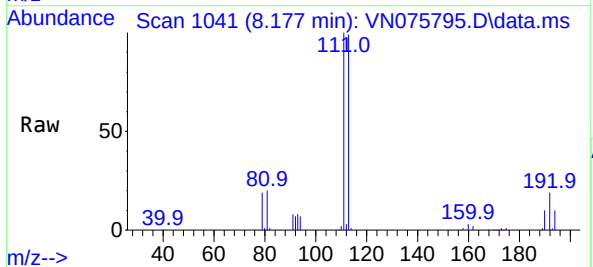
Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	34.4
88	14.2	0.0	28.8

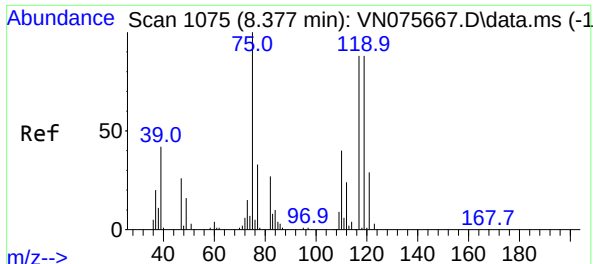


#35
Dibromofluoromethane
Concen: 48.725 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075795.D
Acq: 15 Dec 2022 03:16

Tgt Ion:113 Resp: 167292

Ion	Ratio	Lower	Upper
113	100		
111	100.7	83.4	125.2
192	19.1	16.1	24.1





#36

1,1-Dichloropropene

Concen: 5.415 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075795.D

Acq: 15 Dec 2022 03:16

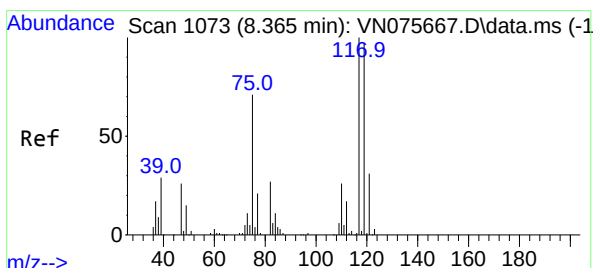
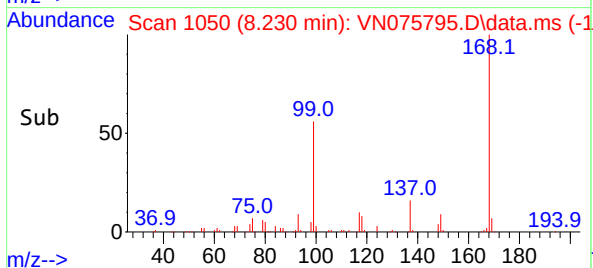
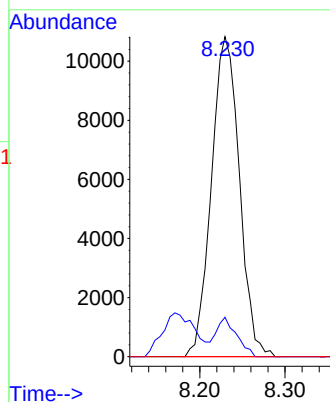
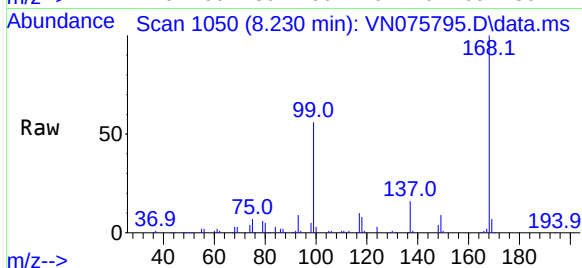
Instrument :

MSVOA_N

ClientSampleId :

MW-38

Tgt Ion:	75	Resp:	24696
Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.8	56.4#
77	0.0	24.1	36.1#



#38

Carbon Tetrachloride

Concen: 6.832 ug/l

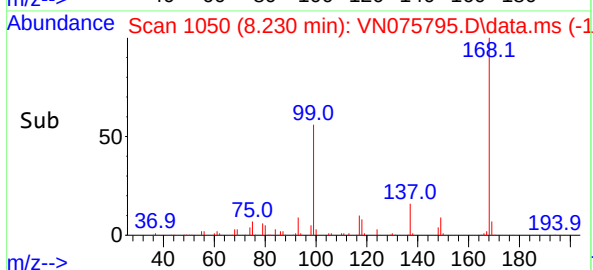
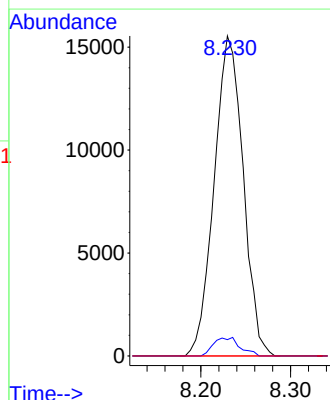
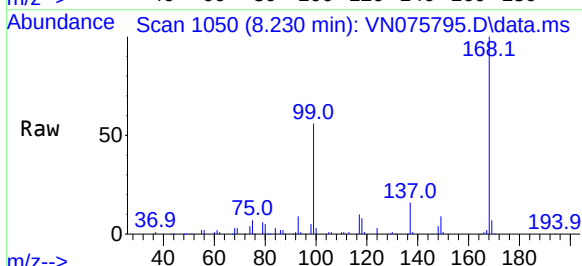
RT: 8.230 min Scan# 1050

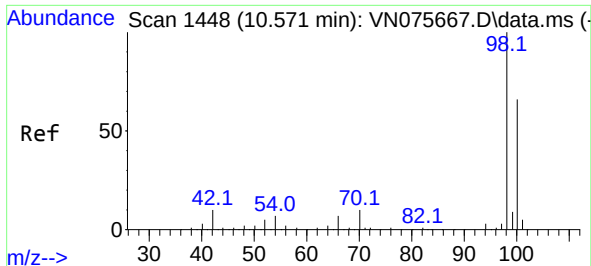
Delta R.T. -0.135 min

Lab File: VN075795.D

Acq: 15 Dec 2022 03:16

Tgt Ion:	117	Resp:	34873
Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.1	114.1#
121	0.0	24.5	36.7#

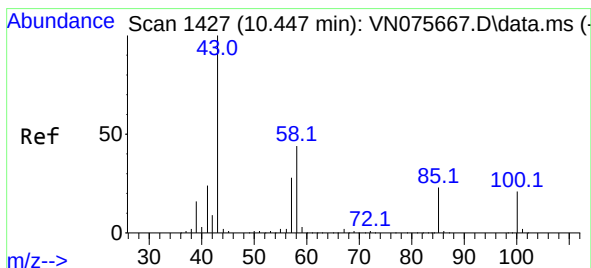
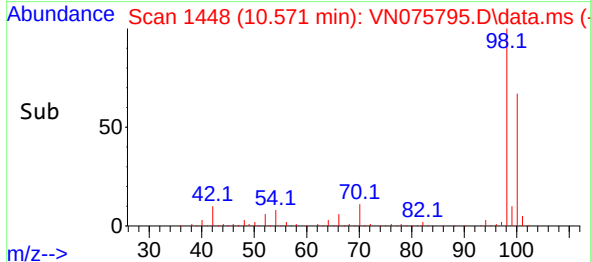
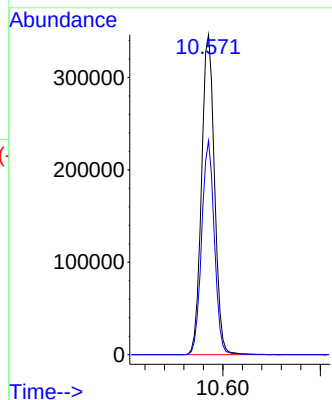
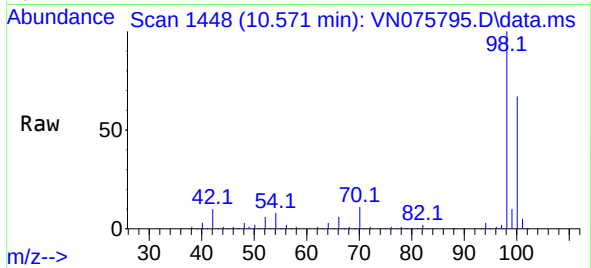




#50
Toluene-d8
Concen: 49.828 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075795.D
Acq: 15 Dec 2022 03:16

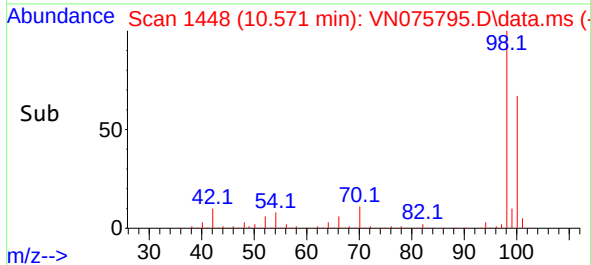
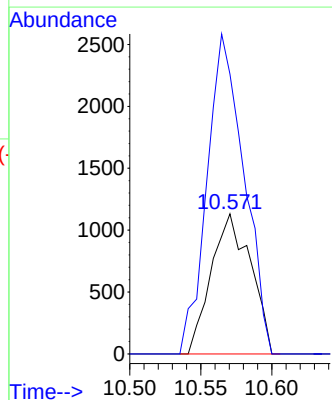
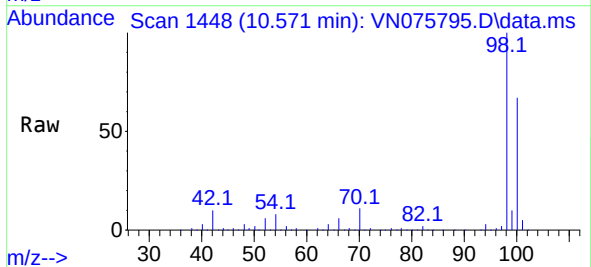
Instrument :
MSVOA_N
ClientSampleId :
MW-38

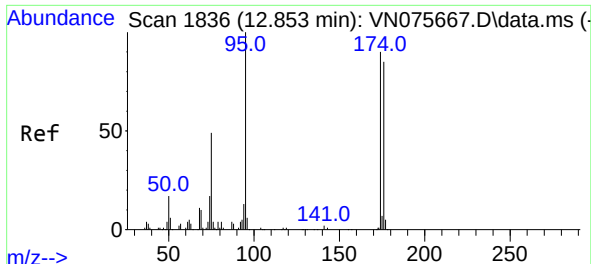
Tgt Ion: 98 Resp: 639643
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.598 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.123 min
Lab File: VN075795.D
Acq: 15 Dec 2022 03:16

Tgt Ion: 43 Resp: 2187
Ion Ratio Lower Upper
43 100
58 214.4 35.5 53.3#

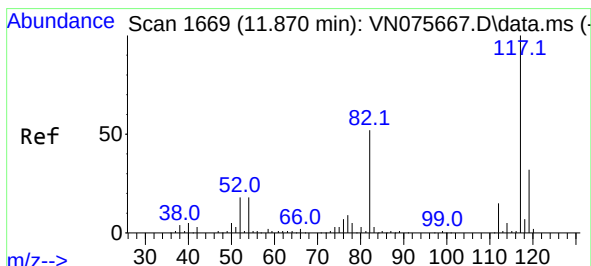
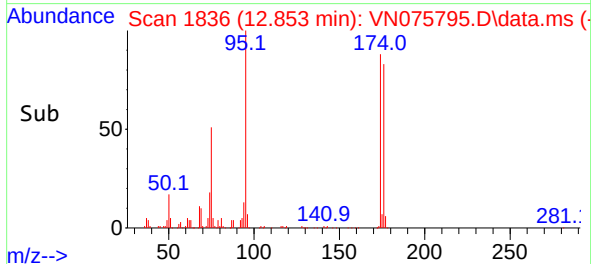
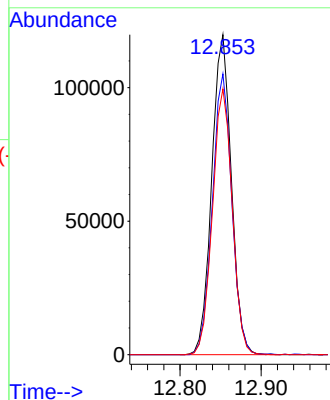
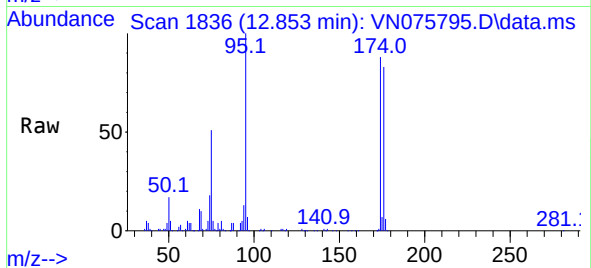




#62
4-Bromofluorobenzene
Concen: 47.239 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075795.D
Acq: 15 Dec 2022 03:16

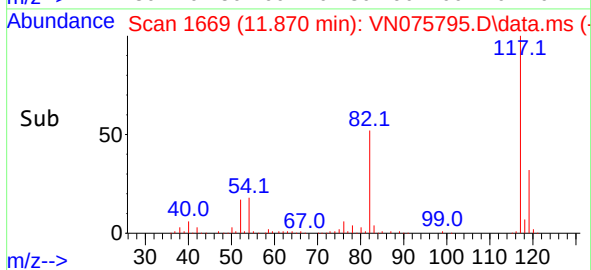
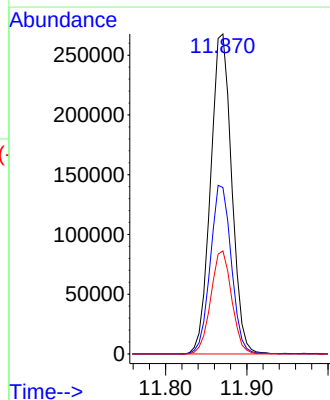
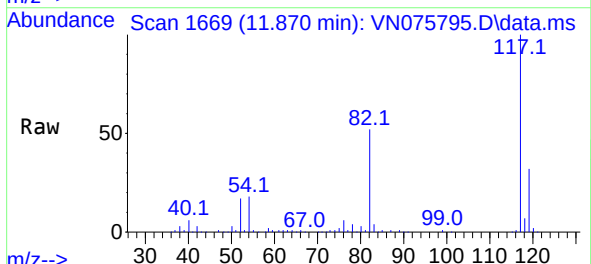
Instrument :
MSVOA_N
ClientSampleId :
MW-38

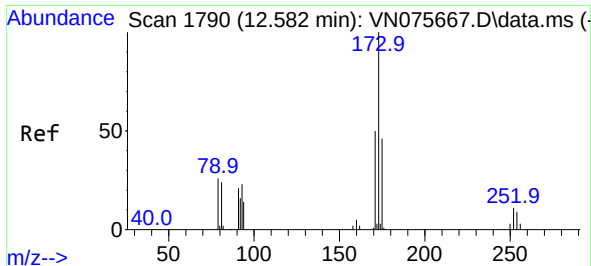
Tgt Ion: 95 Resp: 200850
Ion Ratio Lower Upper
95 100
174 87.4 0.0 171.6
176 83.7 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075795.D
Acq: 15 Dec 2022 03:16

Tgt Ion: 117 Resp: 483888
Ion Ratio Lower Upper
117 100
82 52.0 41.3 61.9
119 32.2 24.6 37.0

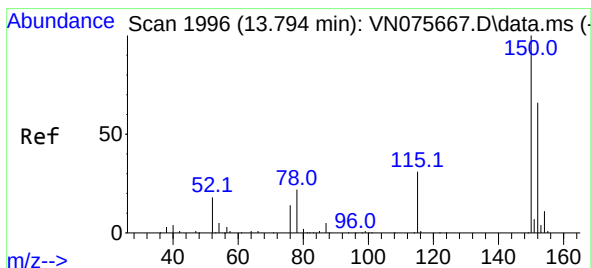
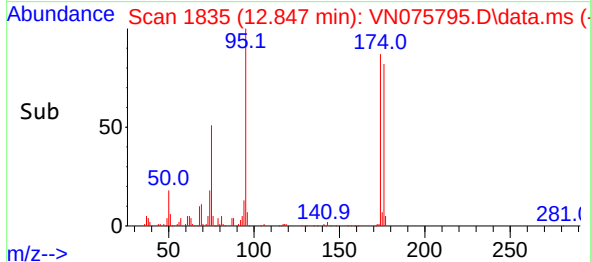
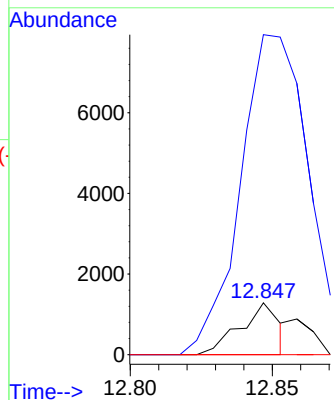
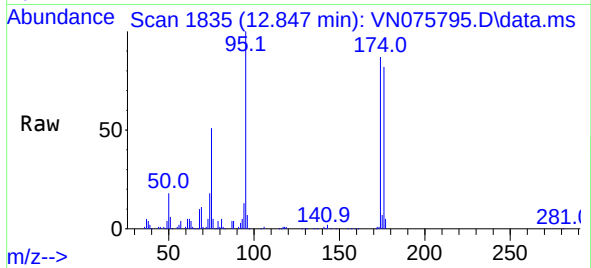




#71
Bromoform
Concen: 0.464 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075795.D
Acq: 15 Dec 2022 03:16

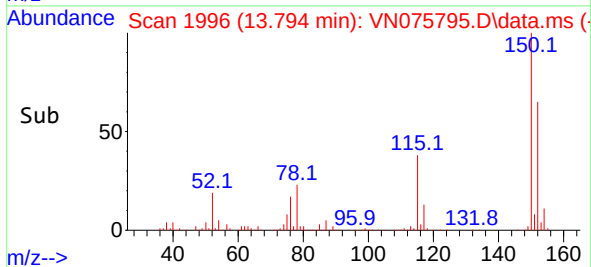
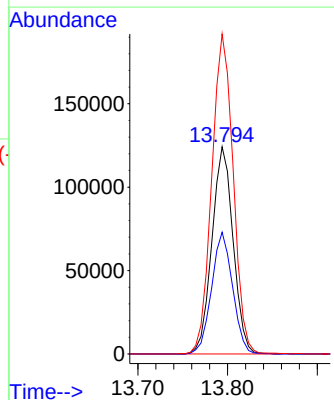
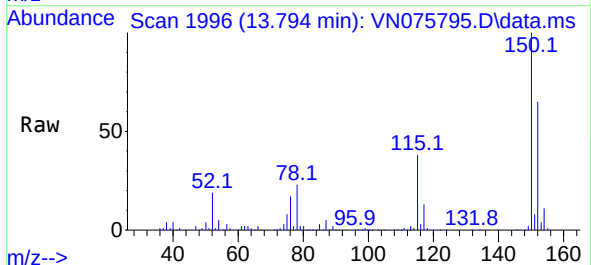
Instrument :
MSVOA_N
ClientSampleId :
MW-38

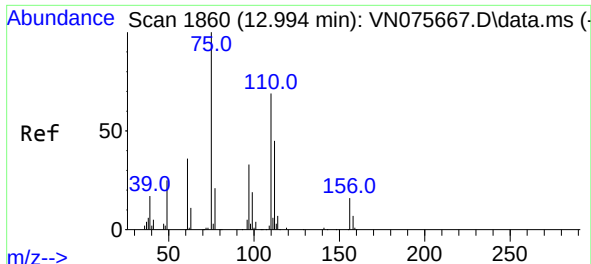
Tgt Ion:173 Resp: 1242
Ion Ratio Lower Upper
173 100
175 904.4 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075795.D
Acq: 15 Dec 2022 03:16

Tgt Ion:152 Resp: 203723
Ion Ratio Lower Upper
152 100
115 58.2 29.1 87.4
150 156.4 0.0 347.0

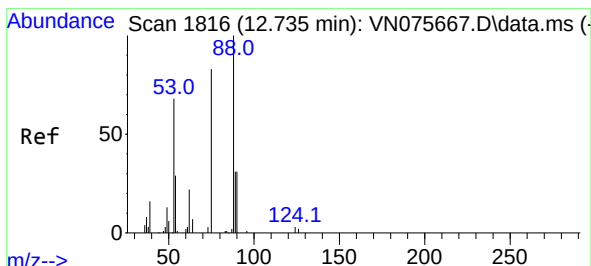
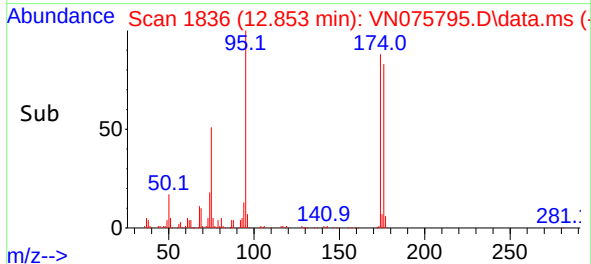
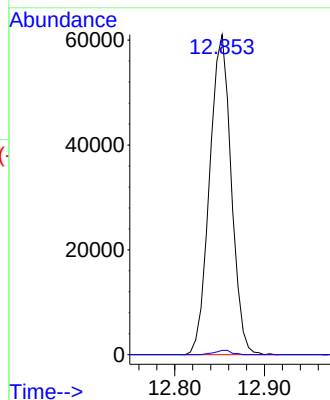
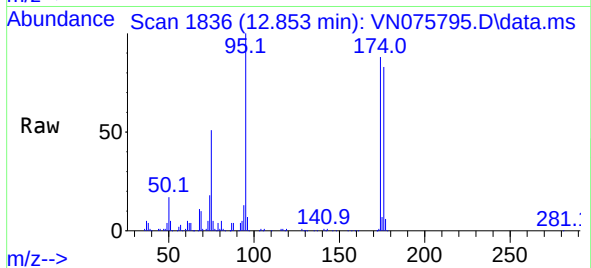




#76
1,2,3-Trichloropropane
Concen: 24.897 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075795.D
Acq: 15 Dec 2022 03:16

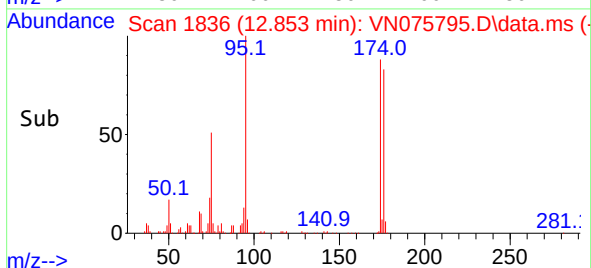
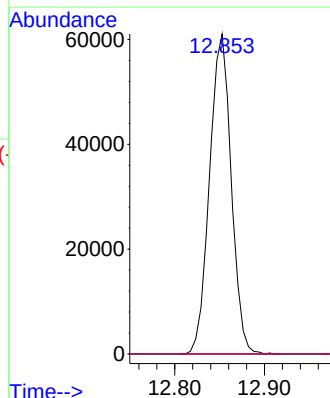
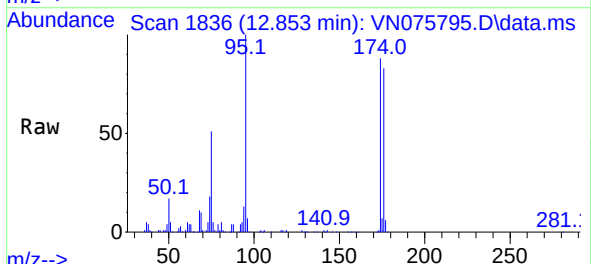
Instrument :
MSVOA_N
ClientSampleId :
MW-38

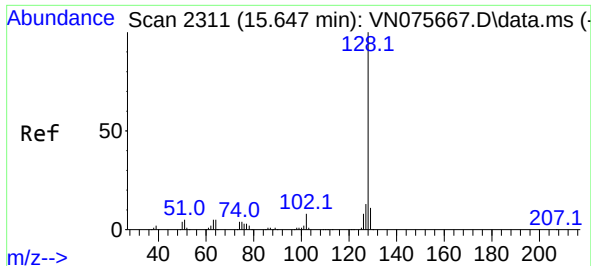
Tgt Ion: 75 Resp: 102239
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.615 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075795.D
Acq: 15 Dec 2022 03:16

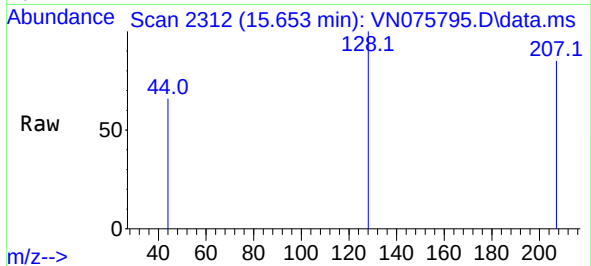
Tgt Ion: 75 Resp: 102239
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 2.254 ug/l
RT: 15.653 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN075795.D
Acq: 15 Dec 2022 03:16

Instrument :
MSVOA_N
ClientSampleId :
MW-38



Tgt Ion:128 Resp: 886

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.7	13.1#

