

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
 Data File : VN075442.D
 Acq On : 28 Nov 2022 12:31
 Operator : JC\MD
 Sample : N5756-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW8-MW01S-20221119RE

Quant Time: Nov 29 05:31:16 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)

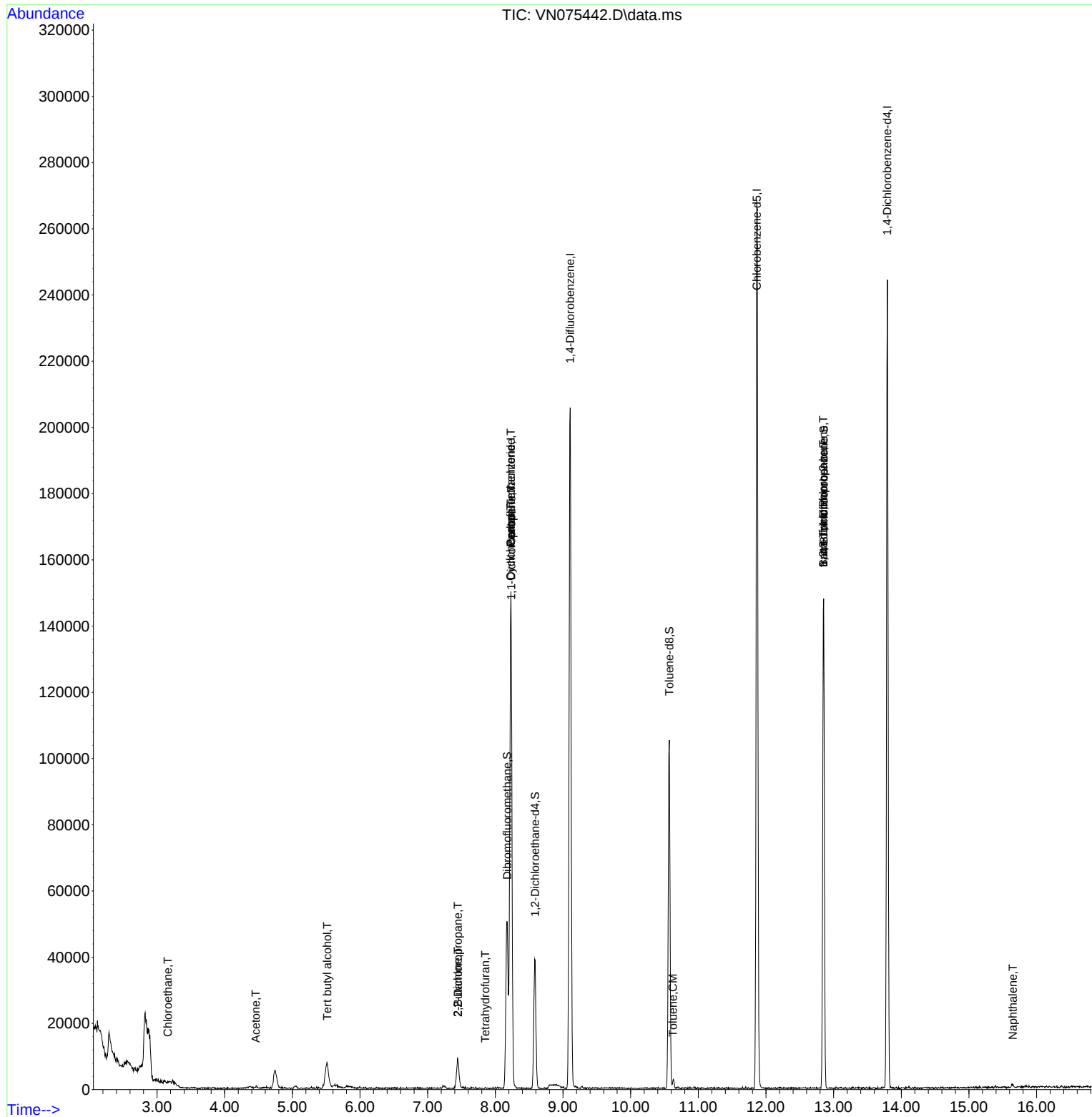
Internal Standards						
1) Pentafluorobenzene	8.229	168	115597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	194605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	166944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	67579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	31494	50.755	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.520%			
35) Dibromofluoromethane	8.177	113	37920	49.603	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.200%			
50) Toluene-d8	10.570	98	76217	44.266	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 88.540%			
62) 4-Bromofluorobenzene	12.853	95	50617	39.828	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 79.660%#			
Target Compounds						Qvalue
6) Chloroethane	3.159	64	365	0.348	ug/l #	45
11) Tert butyl alcohol	5.518	59	6981	26.800	ug/l #	72
16) Acetone	4.459	43	853	1.474	ug/l #	43
18) Methyl Acetate	5.041	43	568	Below Cal	#	69
25) 2-Butanone	7.447	43	252	0.312	ug/l #	43
26) 2,2-Dichloropropane	7.447	77	507	0.269	ug/l #	53
29) Tetrahydrofuran	7.853	42	132	0.269	ug/l #	26
31) Cyclohexane	8.224	56	2147	1.089	ug/l #	5
36) 1,1-Dichloropropene	8.235	75	8338	5.001	ug/l #	49
38) Carbon Tetrachloride	8.229	117	11977	6.540	ug/l #	16
52) Toluene	10.623	92	1498	0.455	ug/l	96
71) Bromoform	12.847	173	333	0.340	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	26309	20.590	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	26309	60.922	ug/l #	10
95) Naphthalene	15.647	128	1493	0.411	ug/l #	83

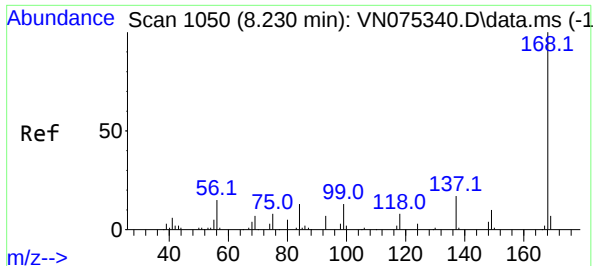
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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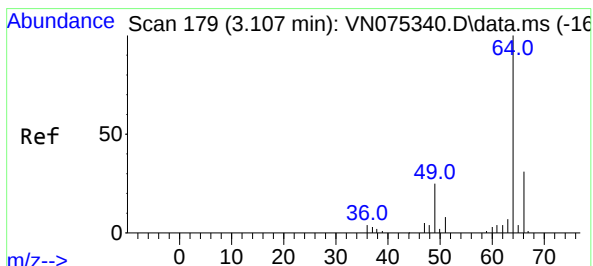
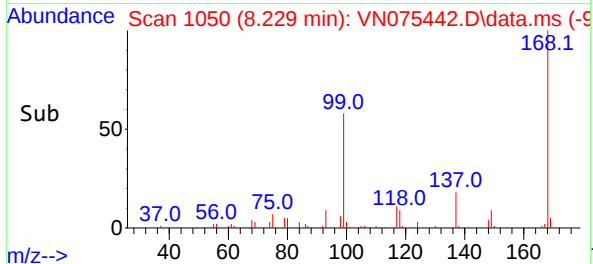
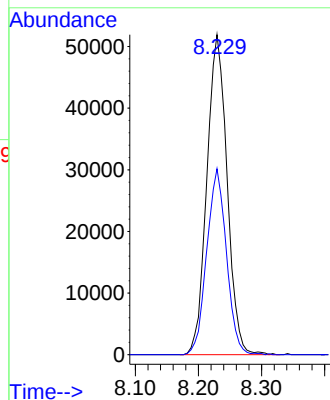
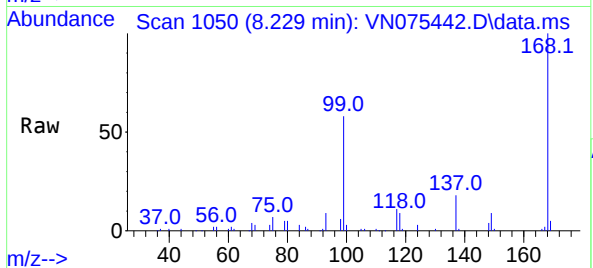




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN075442.D
Acq: 28 Nov 2022 12:31

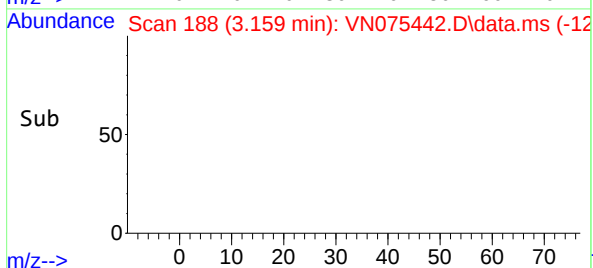
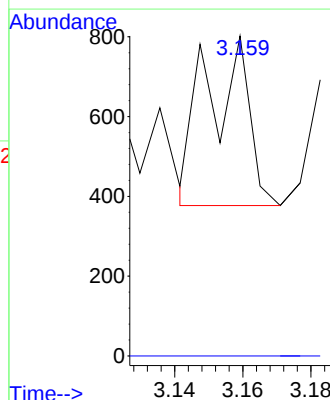
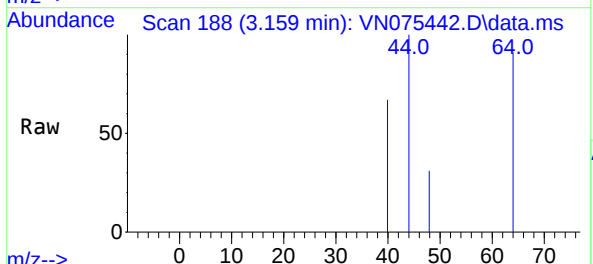
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01S-20221119RE

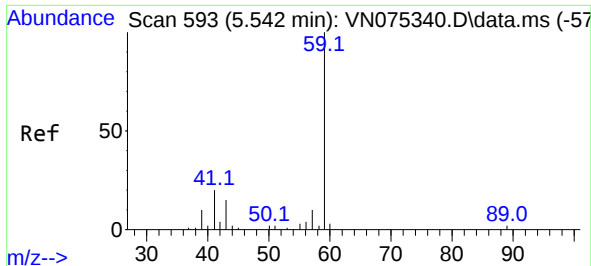
Tgt Ion:168 Resp: 115597
Ion Ratio Lower Upper
168 100
99 58.1 51.6 77.4



#6
Chloroethane
Concen: 0.348 ug/l
RT: 3.159 min Scan# 188
Delta R.T. 0.052 min
Lab File: VN075442.D
Acq: 28 Nov 2022 12:31

Tgt Ion: 64 Resp: 365
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#

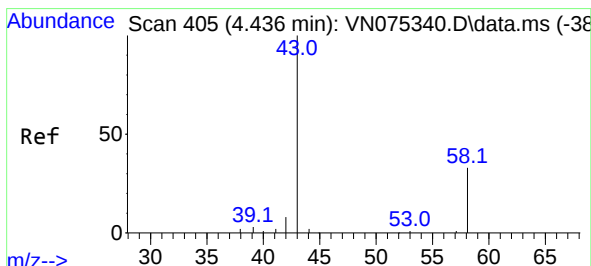
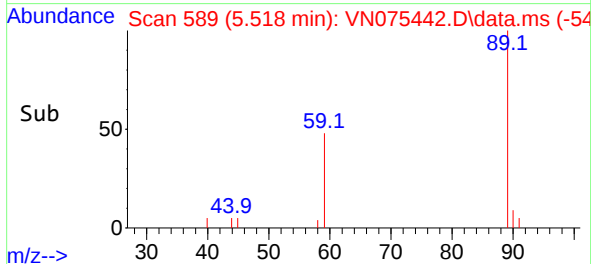
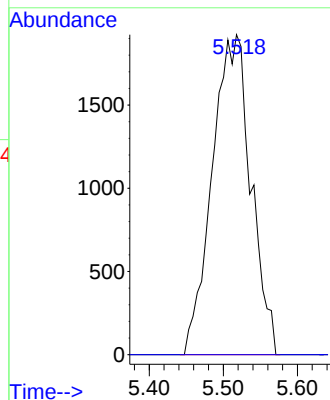
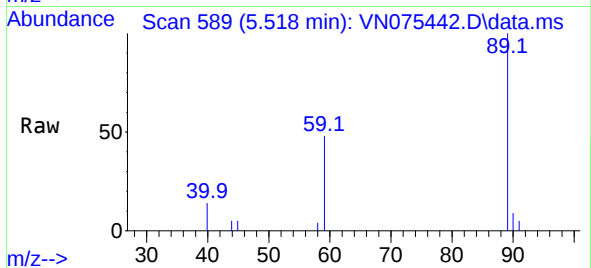




#11
Tert butyl alcohol
Concen: 26.800 ug/l
RT: 5.518 min Scan# 51
Delta R.T. -0.024 min
Lab File: VN075442.D
Acq: 28 Nov 2022 12:31

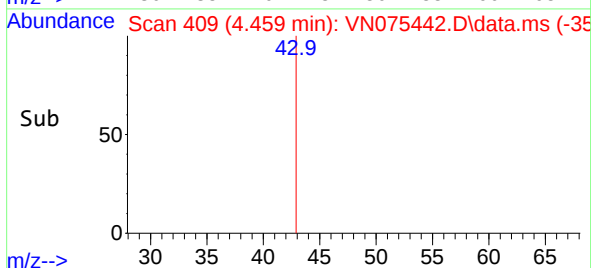
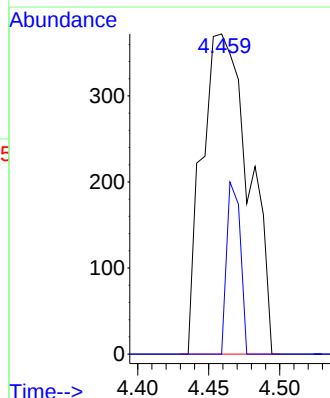
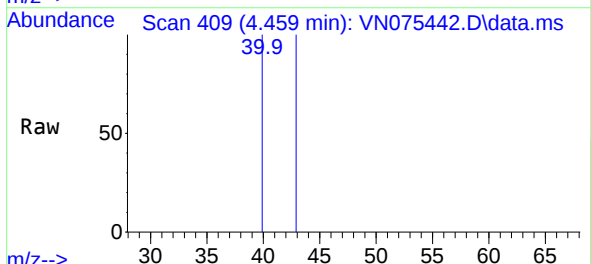
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01S-20221119RE

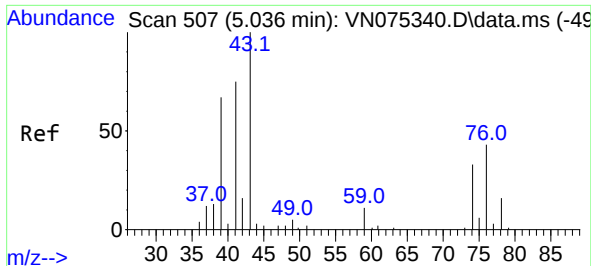
Tgt Ion: 59 Resp: 6981
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 1.474 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.023 min
Lab File: VN075442.D
Acq: 28 Nov 2022 12:31

Tgt Ion: 43 Resp: 853
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#

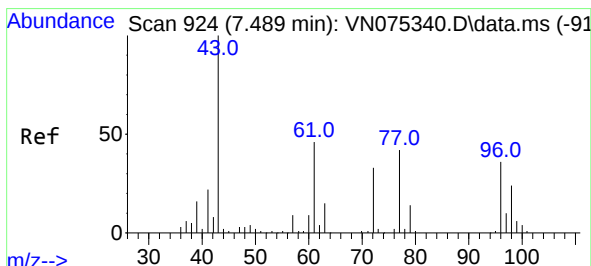
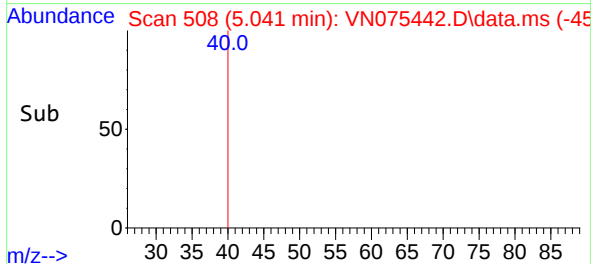
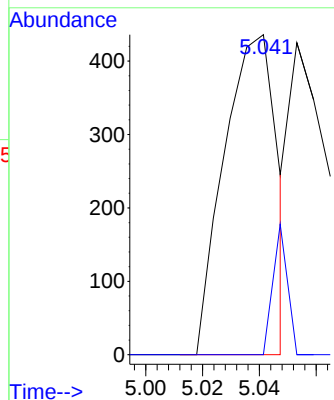
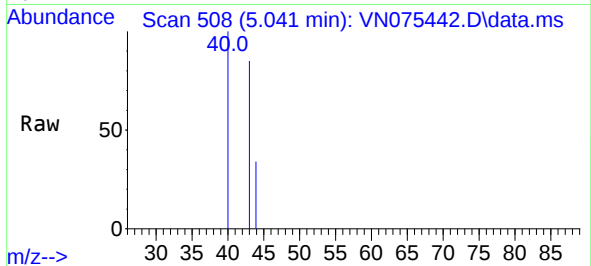




#18
Methyl Acetate
Concen: Below Cal
RT: 5.041 min Scan# 50
Delta R.T. 0.005 min
Lab File: VN075442.D
Acq: 28 Nov 2022 12:31

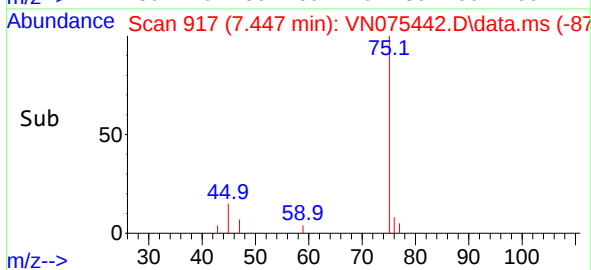
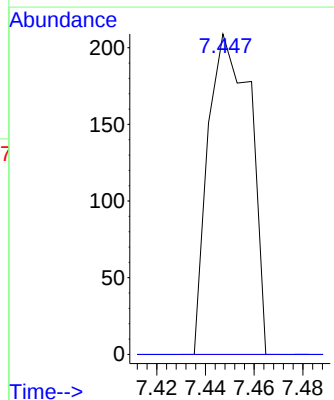
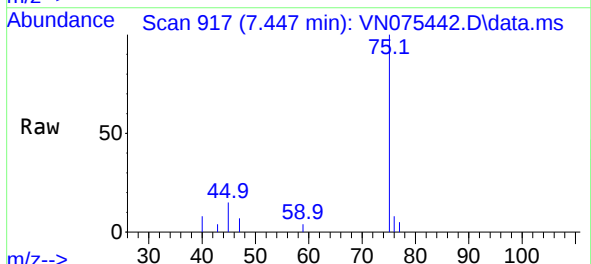
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01S-20221119RE

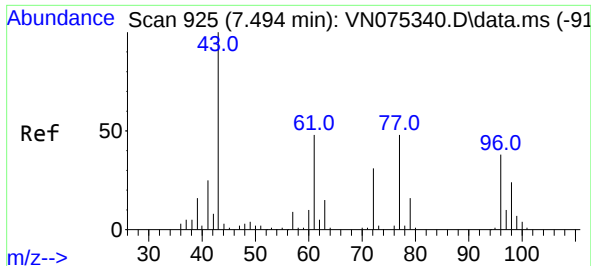
Tgt Ion: 43 Resp: 568
Ion Ratio Lower Upper
43 100
74 11.1 22.0 33.0#



#25
2-Butanone
Concen: 0.312 ug/l
RT: 7.447 min Scan# 917
Delta R.T. -0.042 min
Lab File: VN075442.D
Acq: 28 Nov 2022 12:31

Tgt Ion: 43 Resp: 252
Ion Ratio Lower Upper
43 100
72 0.0 25.5 38.3#

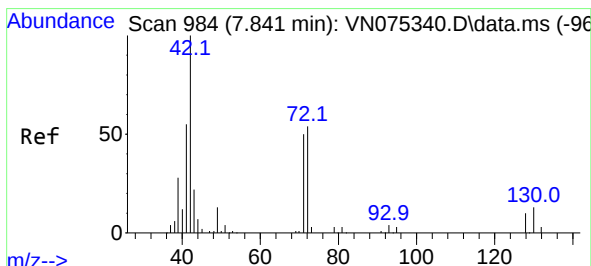
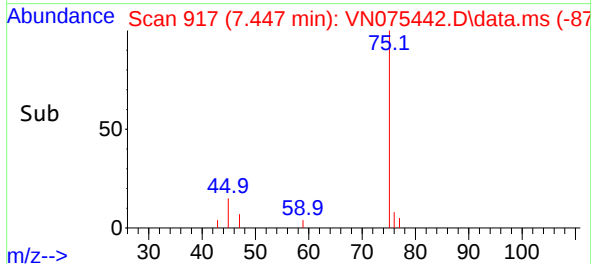
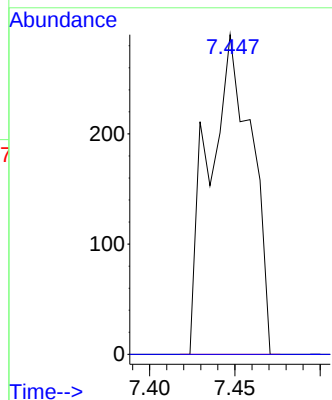
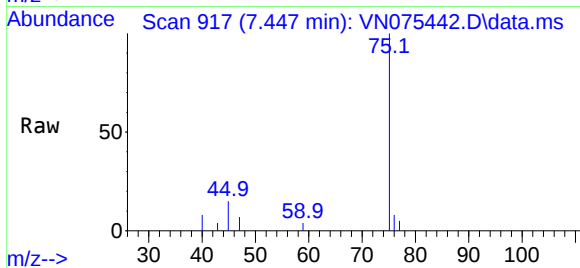




#26
2,2-Dichloropropane
Concen: 0.269 ug/l
RT: 7.447 min Scan# 91
Delta R.T. -0.047 min
Lab File: VN075442.D
Acq: 28 Nov 2022 12:31

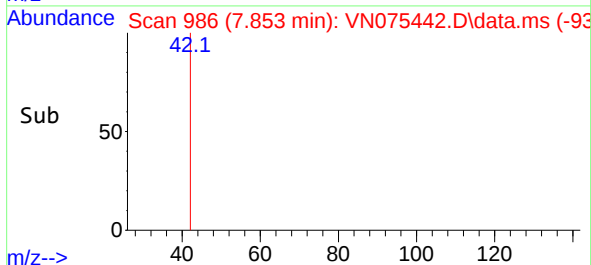
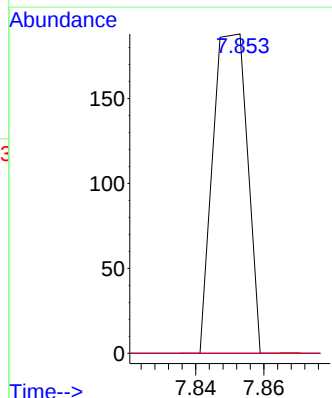
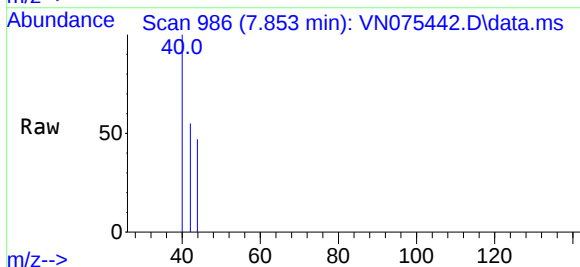
Instrument :
MSVOA_N
ClientSampleId :
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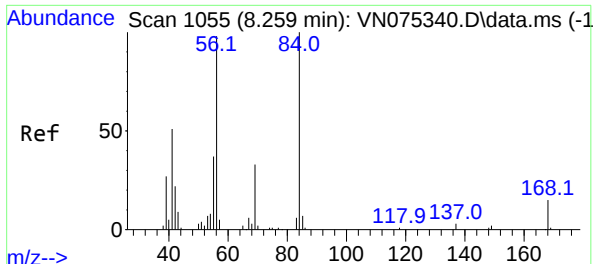
Tgt Ion: 77 Resp: 507
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#



#29
Tetrahydrofuran
Concen: 0.269 ug/l
RT: 7.853 min Scan# 986
Delta R.T. 0.012 min
Lab File: VN075442.D
Acq: 28 Nov 2022 12:31

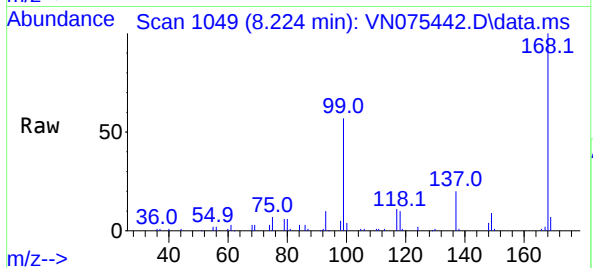
Tgt Ion: 42 Resp: 132
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.6#
71 0.0 39.9 59.9#



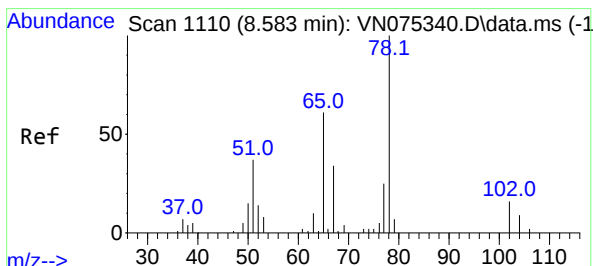
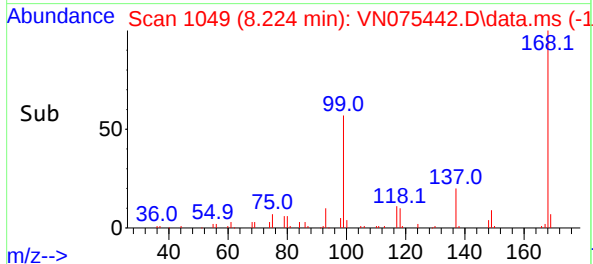
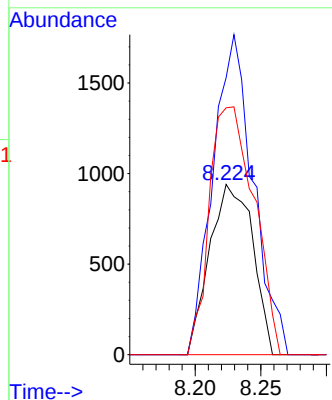


#31
Cyclohexane
Concen: 1.089 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN075442.D
Acq: 28 Nov 2022 12:31

Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01S-20221119RE

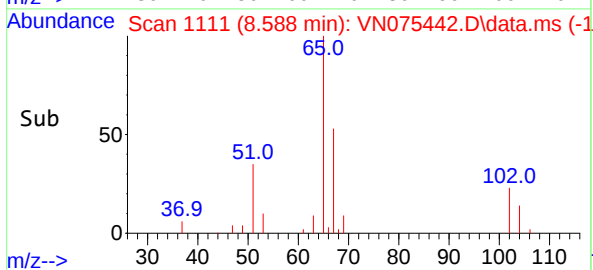
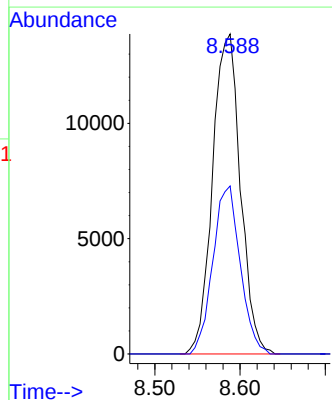
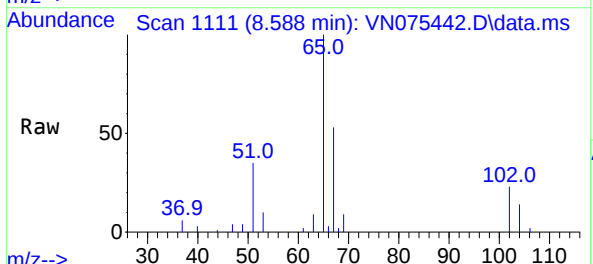


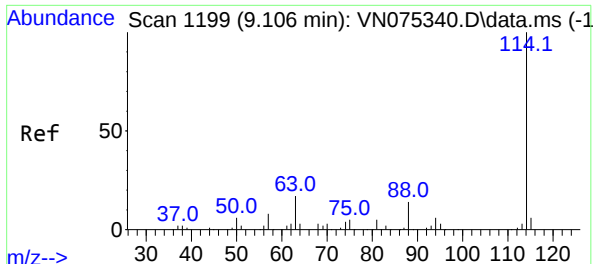
Tgt Ion: 56 Resp: 2147
Ion Ratio Lower Upper
56 100
69 162.7 25.2 37.8#
84 145.0 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 50.755 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.005 min
Lab File: VN075442.D
Acq: 28 Nov 2022 12:31

Tgt Ion: 65 Resp: 31494
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.0



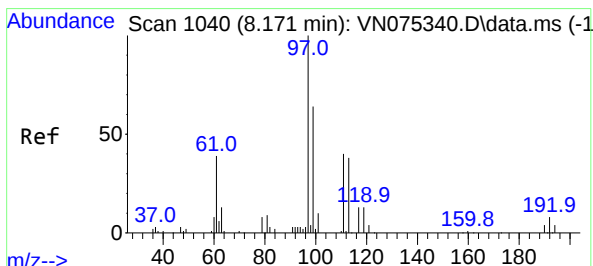
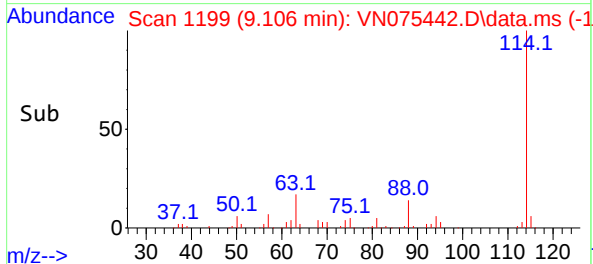
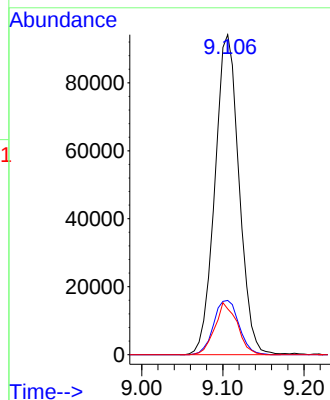
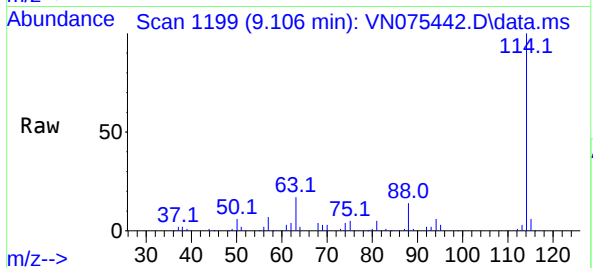


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075442.D
Acq: 28 Nov 2022 12:31

Instrument :
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ClientSampleId :
RW8-MW01S-20221119RE

Tgt Ion:114 Resp: 194605

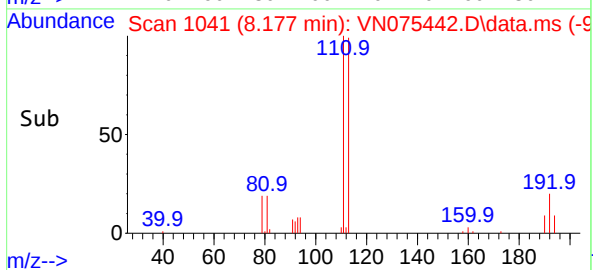
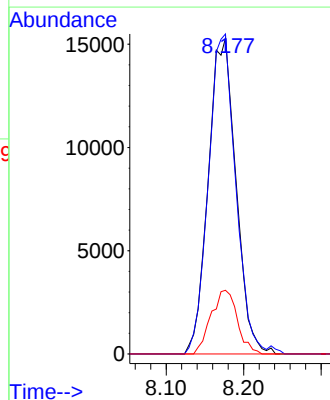
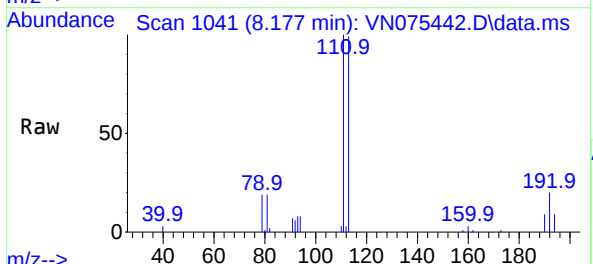
Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	39.6
88	14.3	0.0	29.0

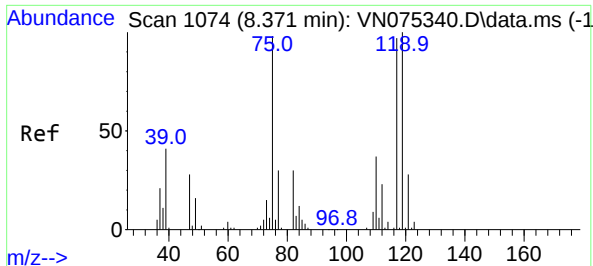


#35
Dibromofluoromethane
Concen: 49.603 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075442.D
Acq: 28 Nov 2022 12:31

Tgt Ion:113 Resp: 37920

Ion	Ratio	Lower	Upper
113	100		
111	99.6	80.5	120.7
192	19.2	13.2	19.8

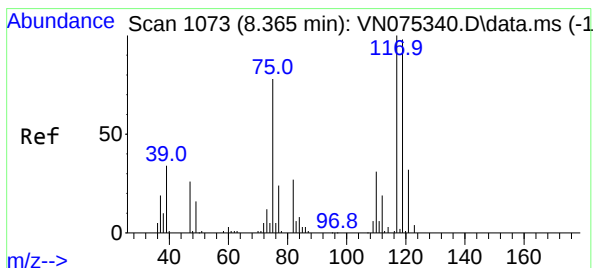
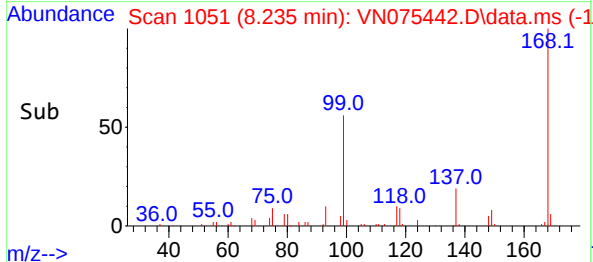
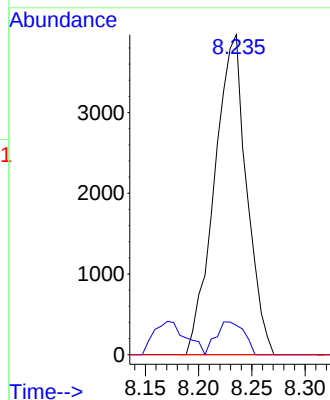
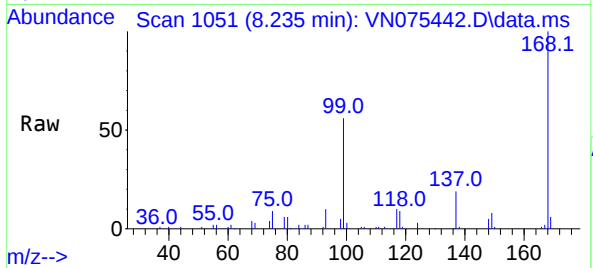




#36
1,1-Dichloropropene
Concen: 5.001 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.136 min
Lab File: VN075442.D
Acq: 28 Nov 2022 12:31

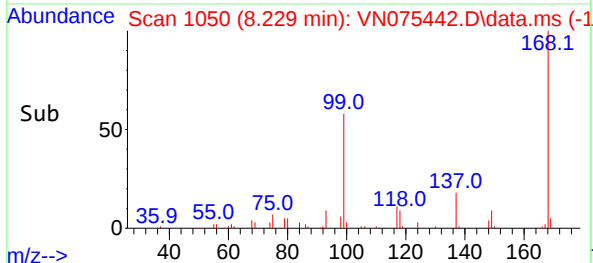
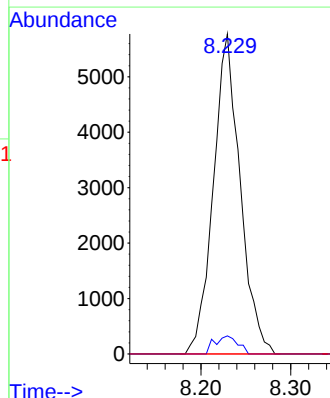
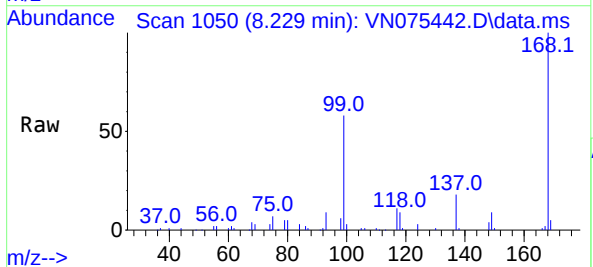
Instrument :
MSVOA_N
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RW8-MW01S-20221119RE

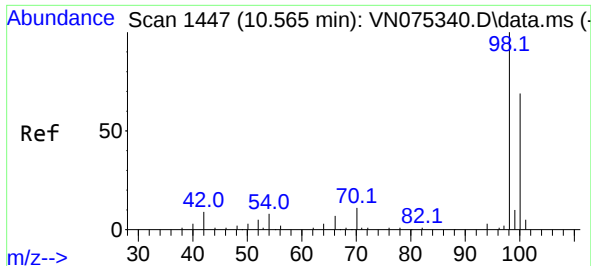
Tgt Ion: 75 Resp: 8338
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.3#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.540 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.136 min
Lab File: VN075442.D
Acq: 28 Nov 2022 12:31

Tgt Ion: 117 Resp: 11977
Ion Ratio Lower Upper
117 100
119 5.6 76.7 115.1#
121 0.0 23.9 35.9#

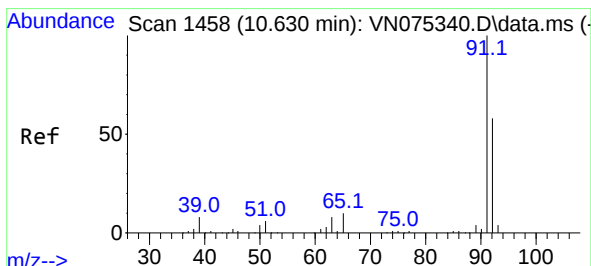
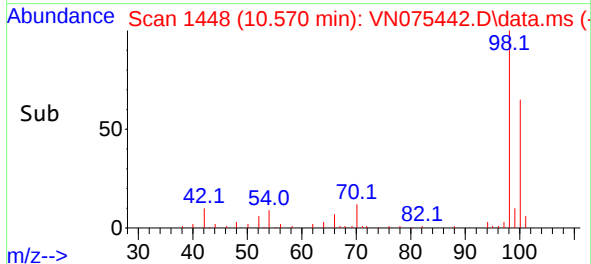
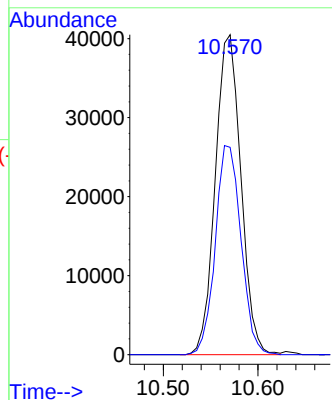
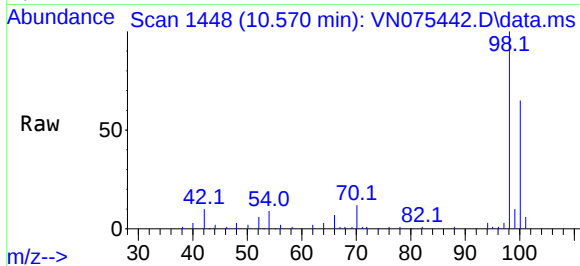




#50
Toluene-d8
Concen: 44.266 ug/l
RT: 10.570 min Scan# 1447
Delta R.T. 0.005 min
Lab File: VN075442.D
Acq: 28 Nov 2022 12:31

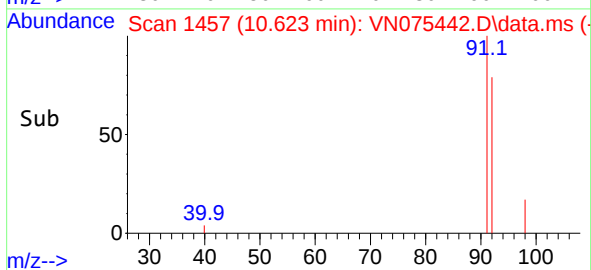
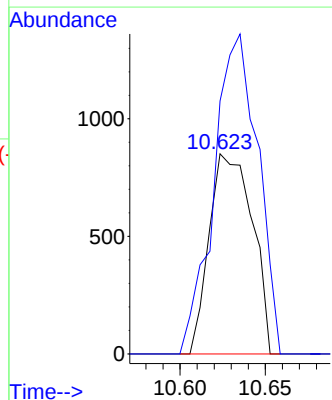
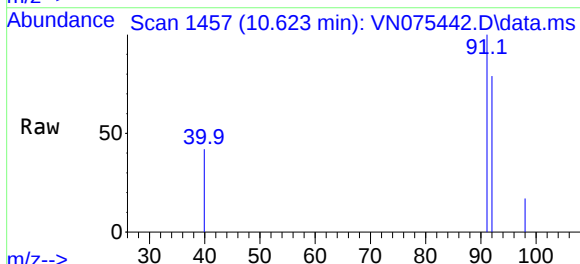
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01S-20221119RE

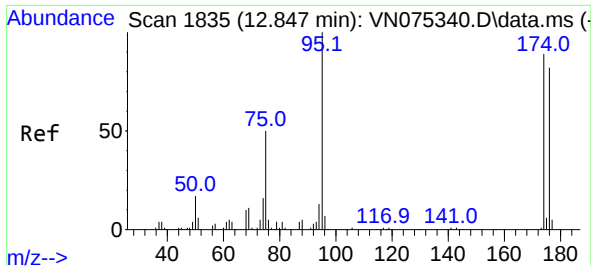
Tgt Ion: 98 Resp: 76217
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.6



#52
Toluene
Concen: 0.455 ug/l
RT: 10.623 min Scan# 1457
Delta R.T. -0.007 min
Lab File: VN075442.D
Acq: 28 Nov 2022 12:31

Tgt Ion: 92 Resp: 1498
Ion Ratio Lower Upper
92 100
91 163.4 135.4 203.2

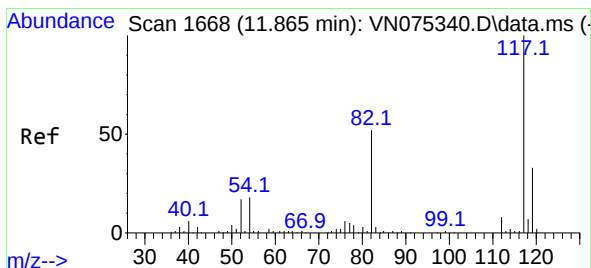
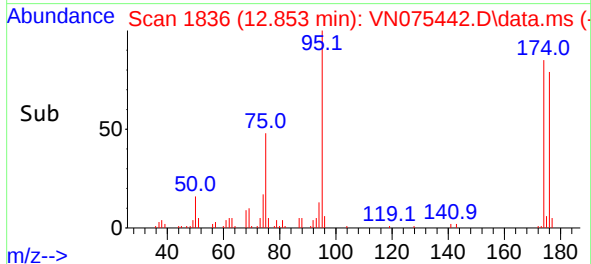
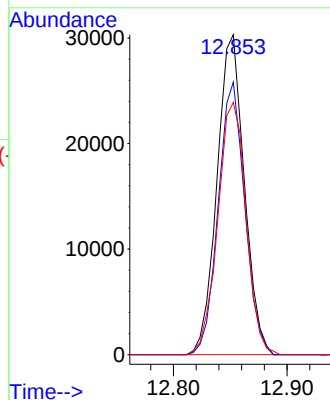
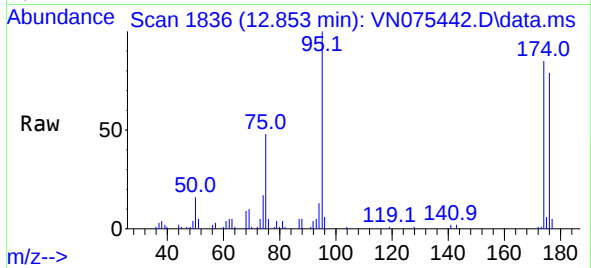




#62
4-Bromofluorobenzene
Concen: 39.828 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075442.D
Acq: 28 Nov 2022 12:31

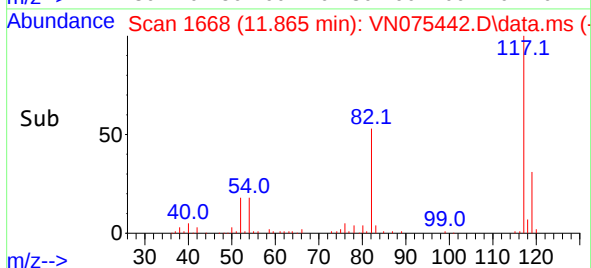
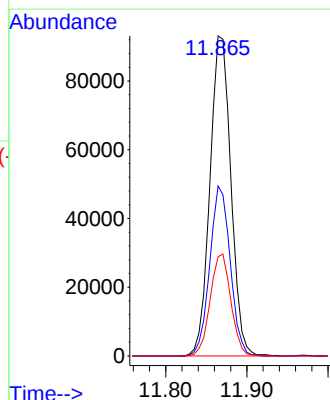
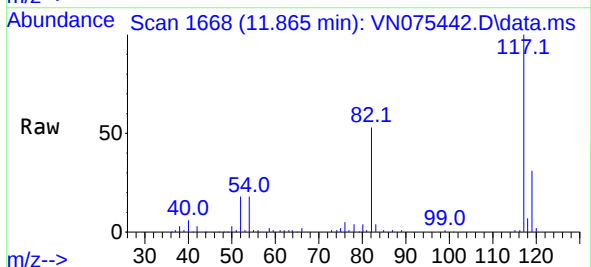
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01S-20221119RE

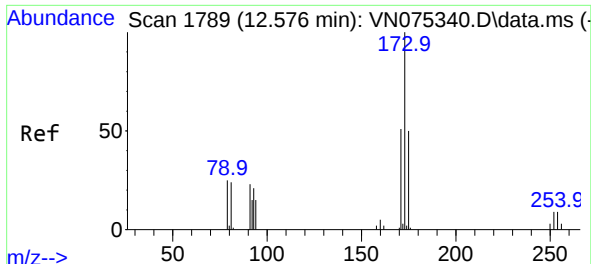
Tgt Ion: 95 Resp: 50617
Ion Ratio Lower Upper
95 100
174 82.7 0.0 147.4
176 81.2 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.001 min
Lab File: VN075442.D
Acq: 28 Nov 2022 12:31

Tgt Ion: 117 Resp: 166944
Ion Ratio Lower Upper
117 100
82 53.1 43.1 64.7
119 31.0 25.5 38.3

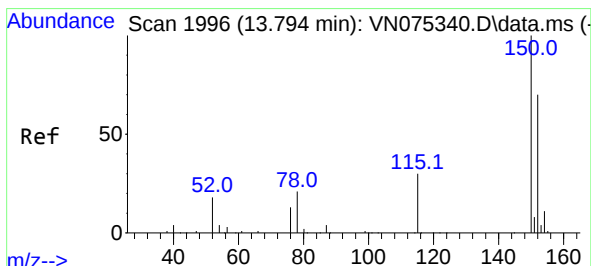
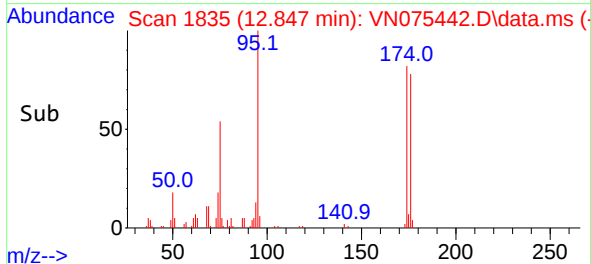
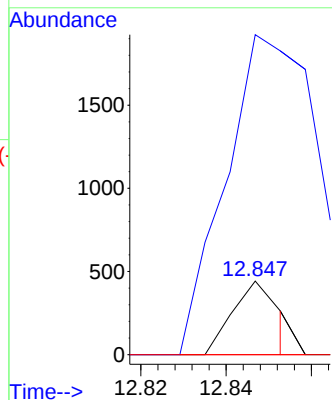
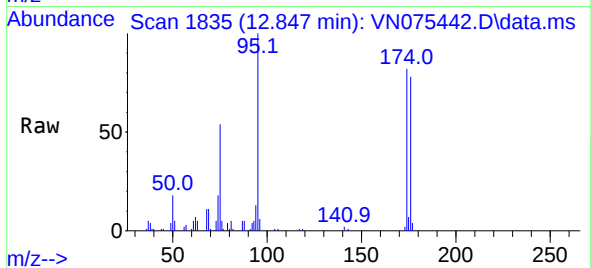




#71
Bromoform
Concen: 0.340 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN075442.D
Acq: 28 Nov 2022 12:31

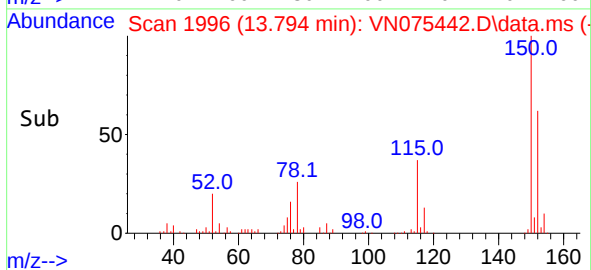
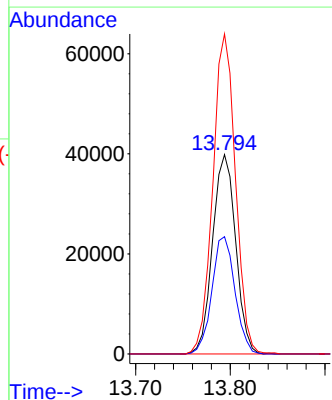
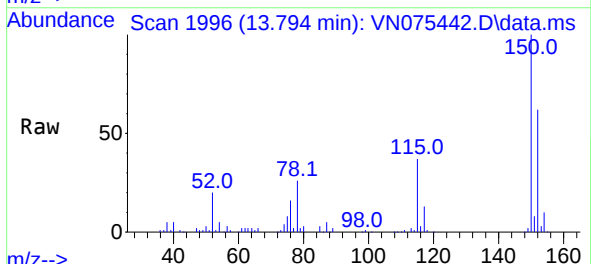
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01S-20221119RE

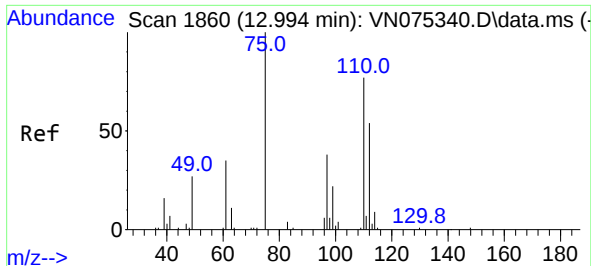
Tgt Ion:173 Resp: 333
Ion Ratio Lower Upper
173 100
175 585.3 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075442.D
Acq: 28 Nov 2022 12:31

Tgt Ion:152 Resp: 67579
Ion Ratio Lower Upper
152 100
115 58.7 30.2 90.6
150 157.3 0.0 348.4

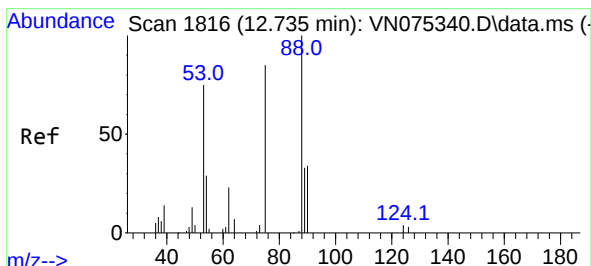
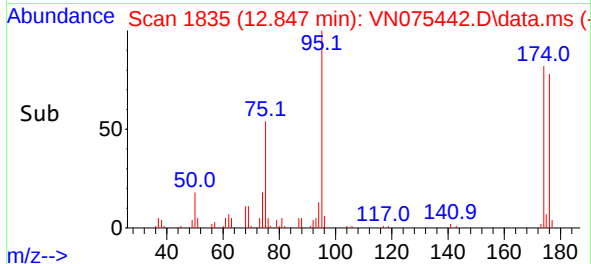
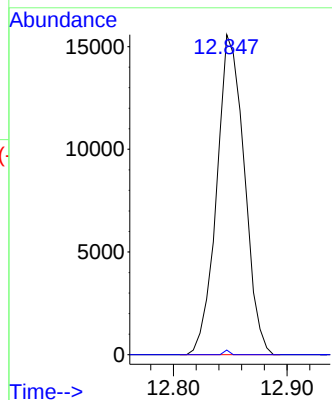
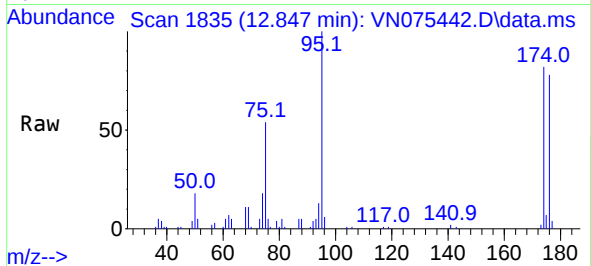




#76
1,2,3-Trichloropropane
Concen: 20.590 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075442.D
Acq: 28 Nov 2022 12:31

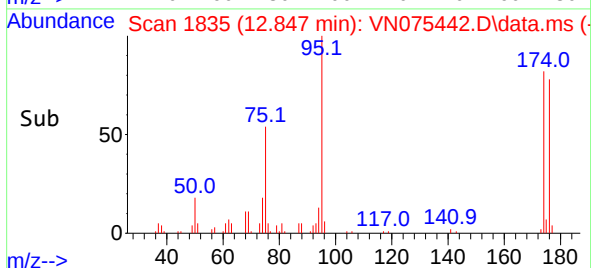
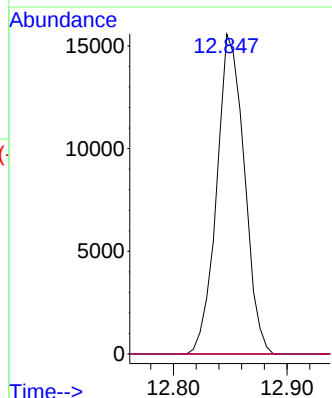
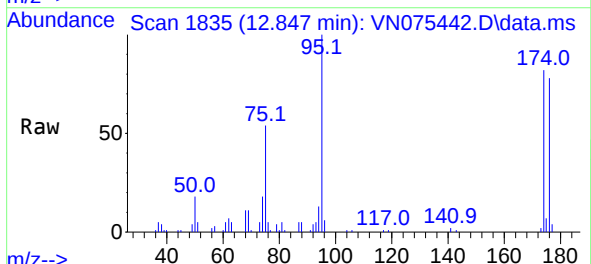
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01S-20221119RE

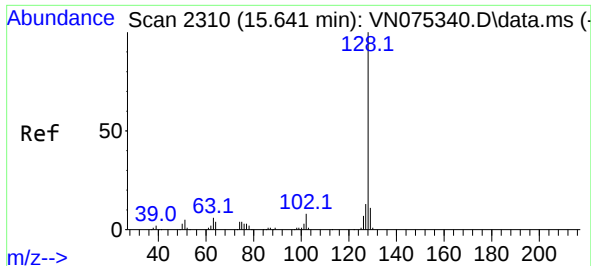
Tgt Ion: 75 Resp: 26309
Ion Ratio Lower Upper
75 100
77 0.3 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.922 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.112 min
Lab File: VN075442.D
Acq: 28 Nov 2022 12:31

Tgt Ion: 75 Resp: 26309
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#





#95

Naphthalene

Concen: 0.411 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075442.D

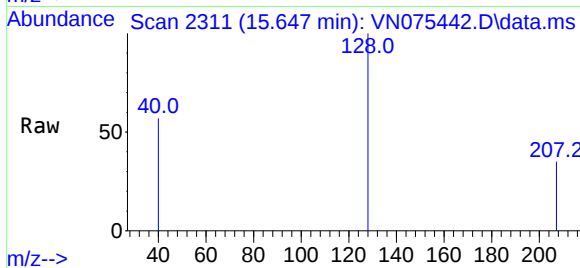
Acq: 28 Nov 2022 12:31

Instrument :

MSVOA_N

ClientSampleId :

RW8-MW01S-20221119RE



Tgt Ion:128 Resp: 1493

Ion Ratio Lower Upper

128 100

127 10.0 10.4 15.6#

129 0.0 8.6 12.8#

