

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
 Data File : VN071811.D
 Acq On : 02 Apr 2022 20:34
 Operator : JC\MD
 Sample : N2178-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-MW16251-20220329

Quant Time: Apr 04 01:09:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

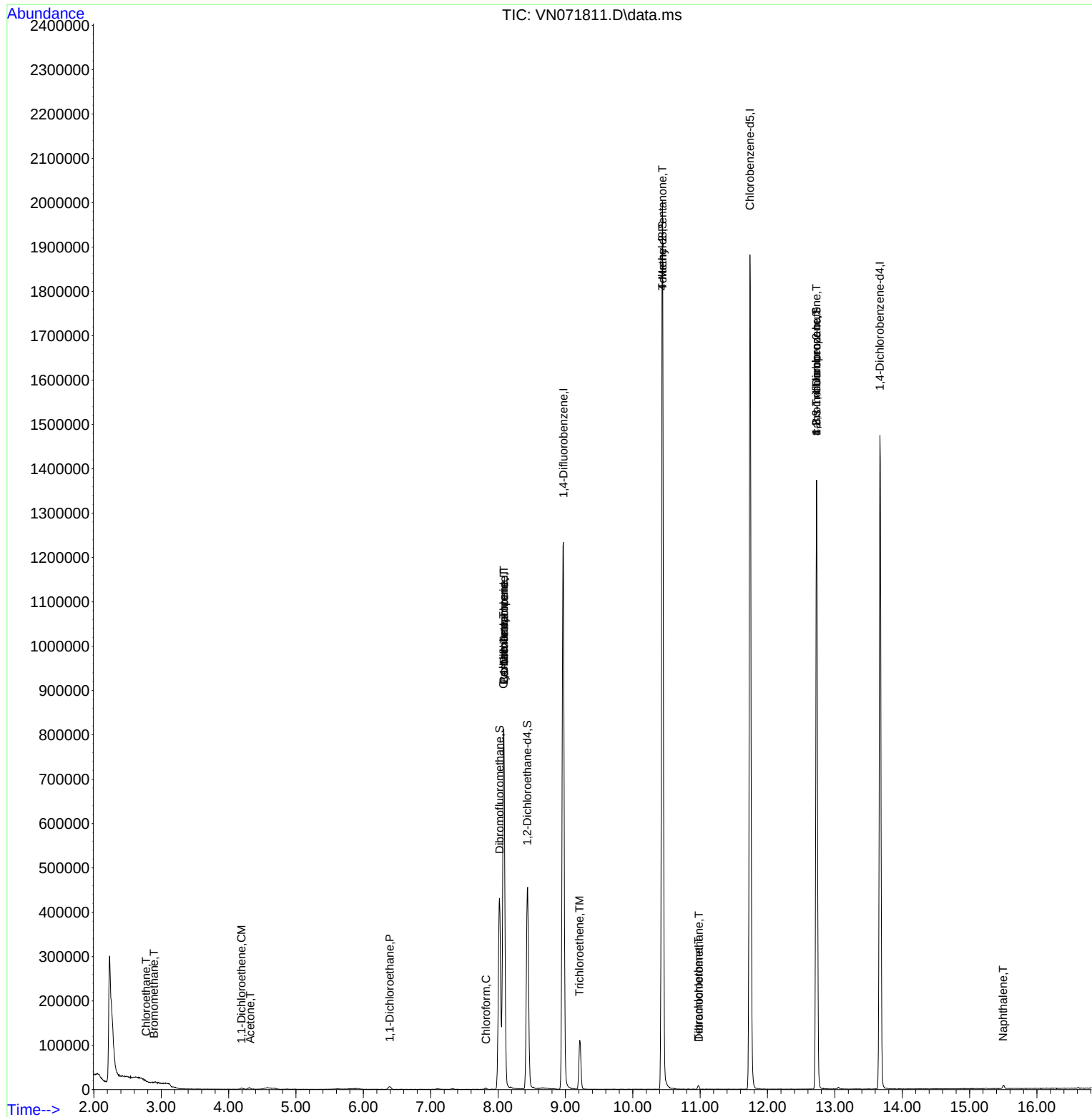
Internal Standards						
1) Pentafluorobenzene	8.086	168	670561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1161616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1172709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	439933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	387231	50.584	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.160%			
35) Dibromofluoromethane	8.022	113	327049	47.846	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.700%			
50) Toluene-d8	10.439	98	1456396	52.084	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.160%			
62) 4-Bromofluorobenzene	12.727	95	492326	54.440	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.880%			
Target Compounds						Qvalue
5) Bromomethane	2.893	94	1015	0.210	ug/l #	58
6) Chloroethane	2.775	64	8728	1.635	ug/l #	63
12) 1,1-Dichloroethene	4.193	96	1949	0.352	ug/l #	69
16) Acetone	4.322	43	3048	0.932	ug/l #	82
18) Methyl Acetate	4.857	43	1754	Below Cal	#	57
24) 1,1-Dichloroethane	6.392	63	10343	0.901	ug/l	95
30) Chloroform	7.822	83	3204	0.264	ug/l	89
31) Cyclohexane	8.081	56	11714	1.125	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	46868	4.910	ug/l #	49
38) Carbon Tetrachloride	8.086	117	60788	6.498	ug/l #	17
44) Trichloroethene	9.210	130	43836	5.643	ug/l	99
51) 4-Methyl-2-Pentanone	10.439	43	5362	0.537	ug/l #	1
60) Dibromochloromethane	10.980	129	2074	0.271	ug/l #	11
64) Tetrachloroethene	10.974	164	2078	0.268	ug/l #	88
76) 1,2,3-Trichloropropane	12.727	75	241076	23.655	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	241076	73.306	ug/l #	10
95) Naphthalene	15.498	128	8309	4.186	ug/l	97

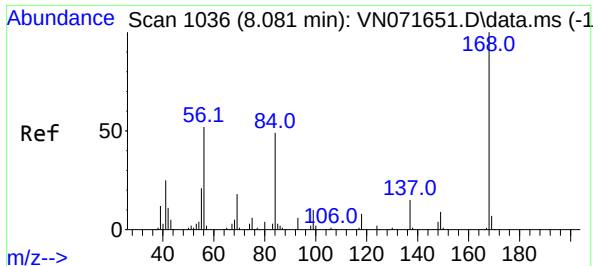
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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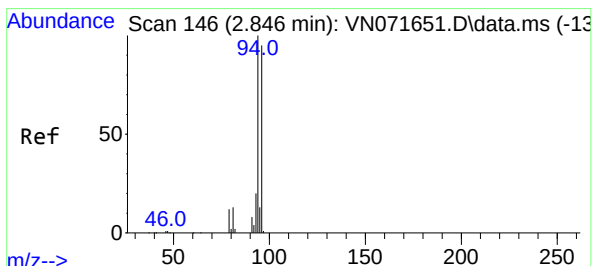
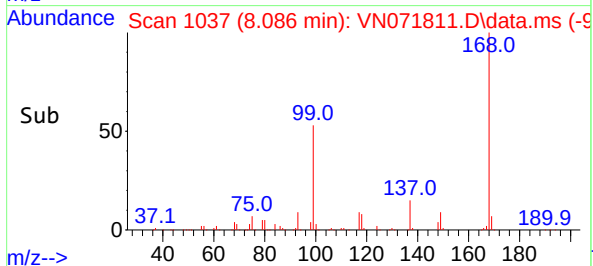
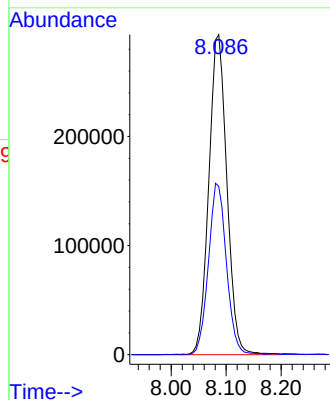
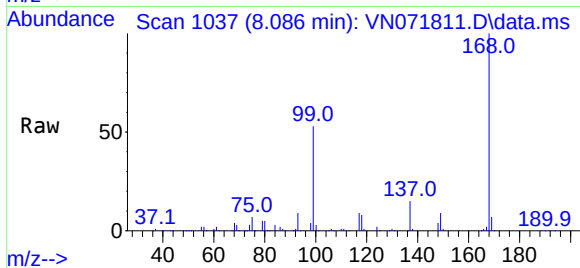




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN071811.D
Acq: 02 Apr 2022 20:34

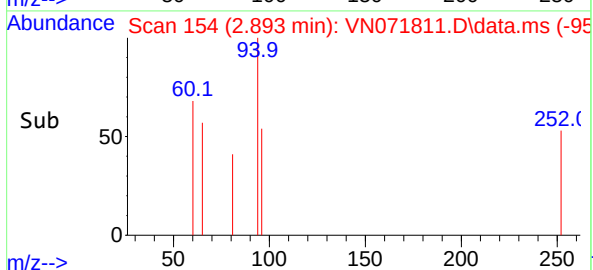
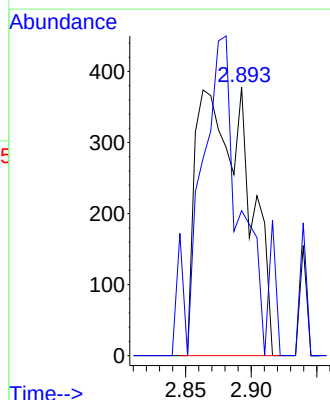
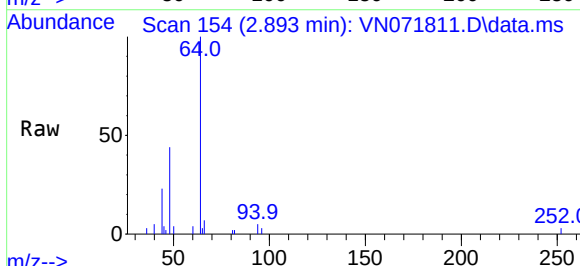
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW16251-20220329

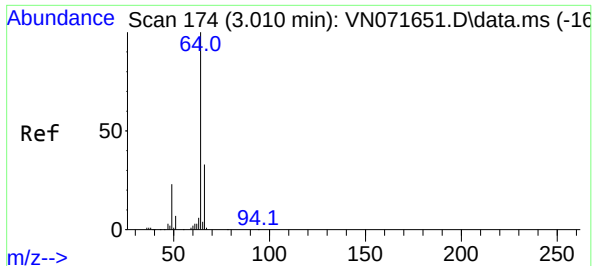
Tgt Ion:168 Resp: 670561
Ion Ratio Lower Upper
168 100
99 52.5 42.3 63.5



#5
Bromomethane
Concen: 0.210 ug/l
RT: 2.893 min Scan# 154
Delta R.T. 0.047 min
Lab File: VN071811.D
Acq: 02 Apr 2022 20:34

Tgt Ion: 94 Resp: 1015
Ion Ratio Lower Upper
94 100
96 54.0 76.0 114.0#

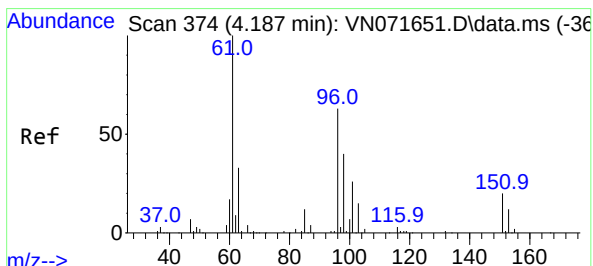
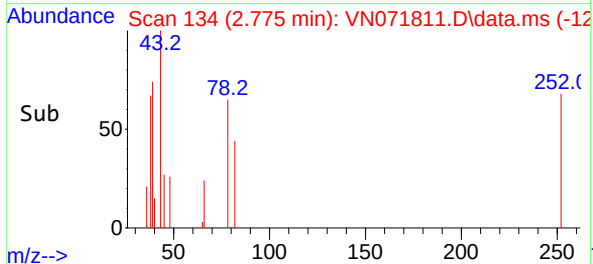
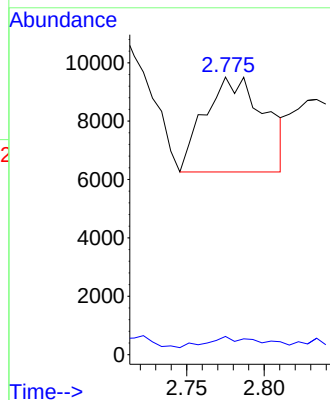
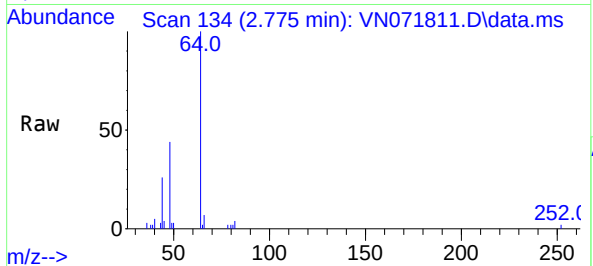




#6
Chloroethane
Concen: 1.635 ug/l
RT: 2.775 min Scan# 11
Delta R.T. -0.235 min
Lab File: VN071811.D
Acq: 02 Apr 2022 20:34

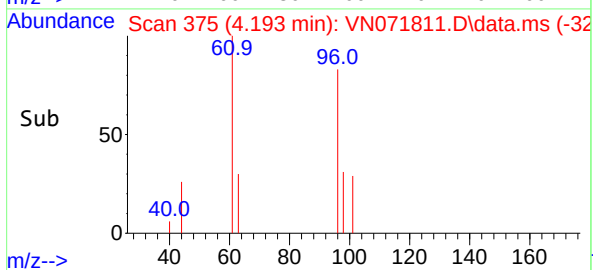
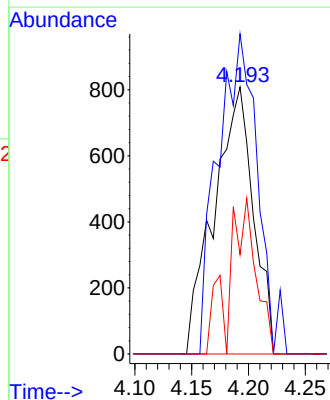
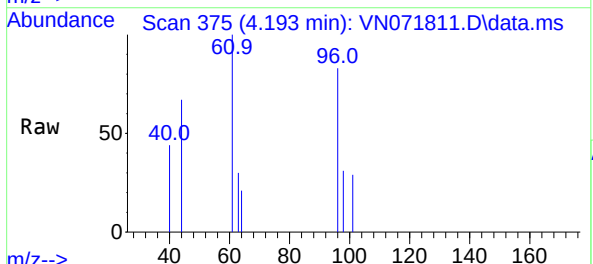
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW16251-20220329

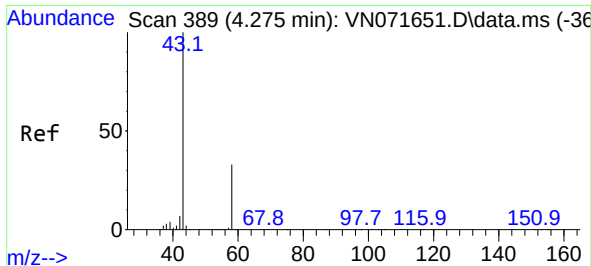
Tgt Ion: 64 Resp: 8728
Ion Ratio Lower Upper
64 100
66 11.7 26.2 39.4#



#12
1,1-Dichloroethene
Concen: 0.352 ug/l
RT: 4.193 min Scan# 375
Delta R.T. 0.006 min
Lab File: VN071811.D
Acq: 02 Apr 2022 20:34

Tgt Ion: 96 Resp: 1949
Ion Ratio Lower Upper
96 100
61 119.9 127.6 191.4#
98 37.3 51.2 76.8#

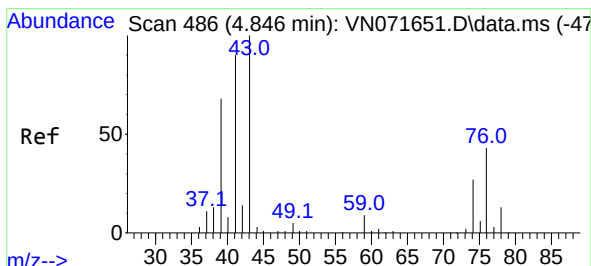
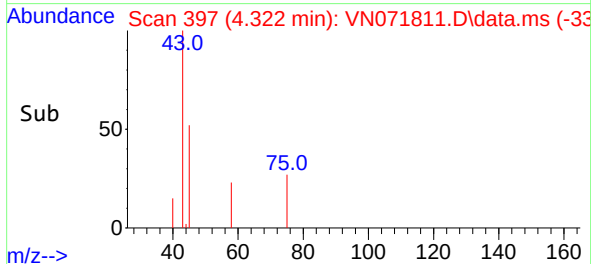
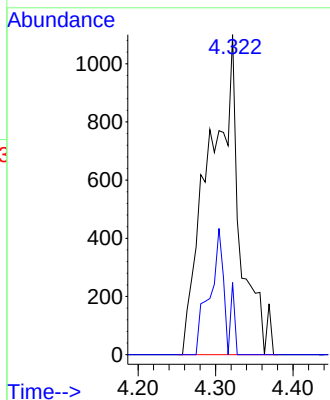
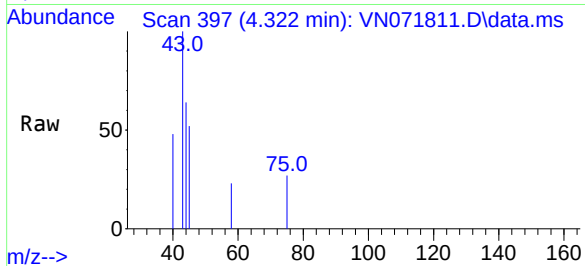




#16
Acetone
Concen: 0.932 ug/l
RT: 4.322 min Scan# 397
Delta R.T. 0.047 min
Lab File: VN071811.D
Acq: 02 Apr 2022 20:34

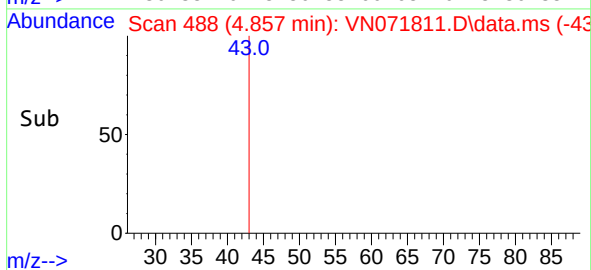
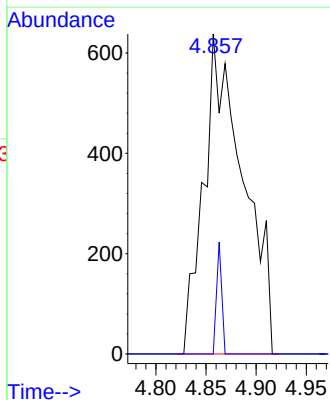
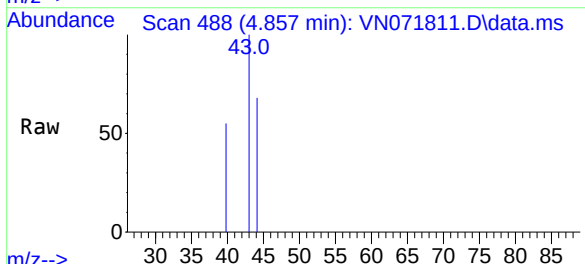
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW16251-20220329

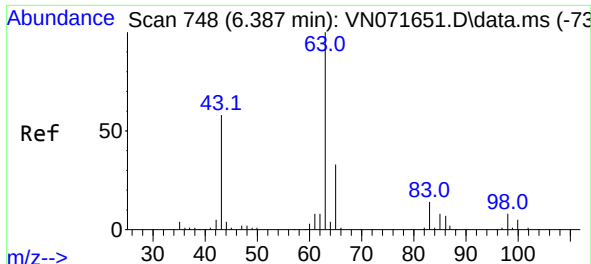
Tgt Ion: 43 Resp: 3048
Ion Ratio Lower Upper
43 100
58 22.5 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN071811.D
Acq: 02 Apr 2022 20:34

Tgt Ion: 43 Resp: 1754
Ion Ratio Lower Upper
43 100
74 4.5 21.6 32.4#

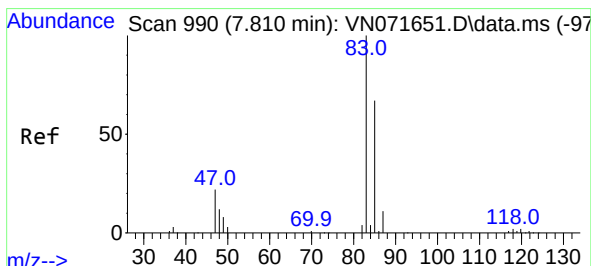
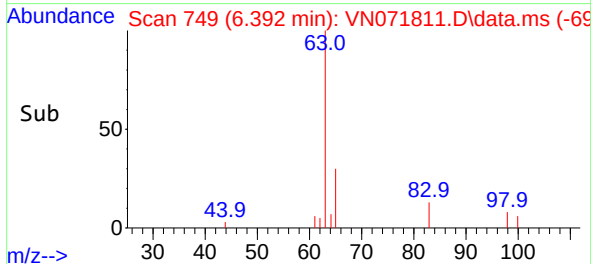
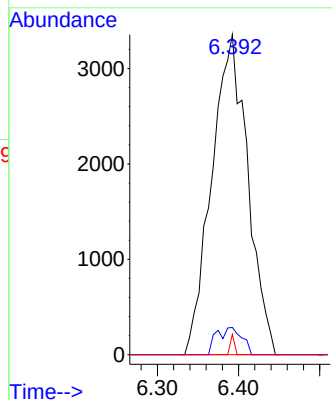
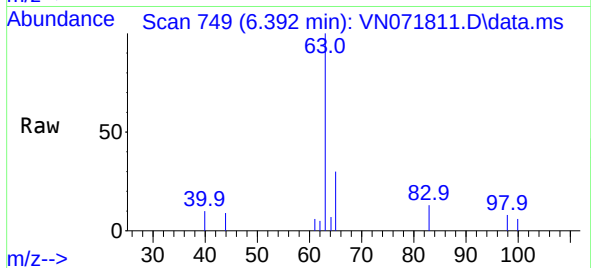




#24
1,1-Dichloroethane
Concen: 0.901 ug/l
RT: 6.392 min Scan# 74
Delta R.T. 0.005 min
Lab File: VN071811.D
Acq: 02 Apr 2022 20:34

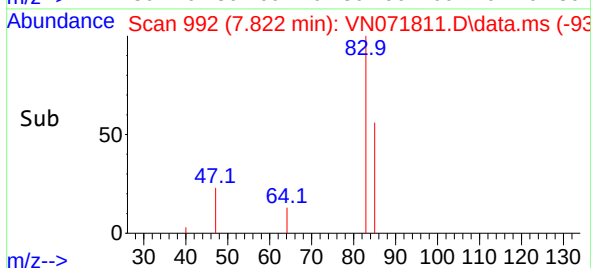
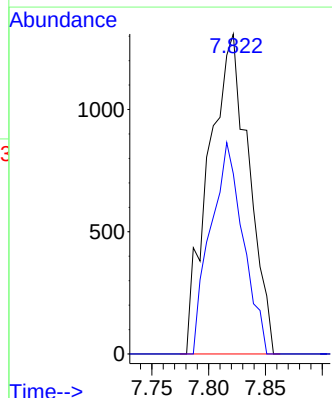
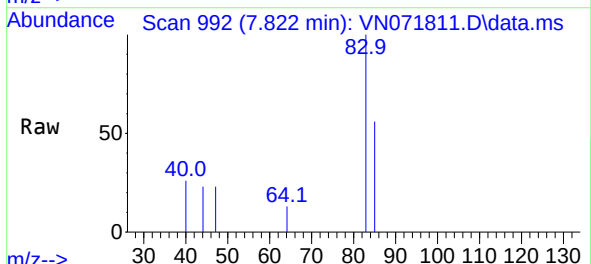
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW16251-20220329

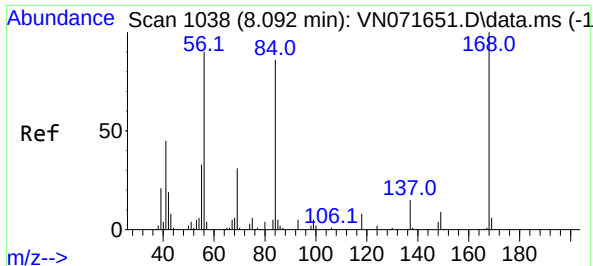
Tgt Ion: 63 Resp: 10343
Ion Ratio Lower Upper
63 100
98 8.5 3.5 10.4
100 6.3 2.3 6.8



#30
Chloroform
Concen: 0.264 ug/l
RT: 7.822 min Scan# 992
Delta R.T. 0.012 min
Lab File: VN071811.D
Acq: 02 Apr 2022 20:34

Tgt Ion: 83 Resp: 3204
Ion Ratio Lower Upper
83 100
85 56.3 51.8 77.8





#31

Cyclohexane

Concen: 1.125 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN071811.D

Acq: 02 Apr 2022 20:34

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-MW16251-20220329

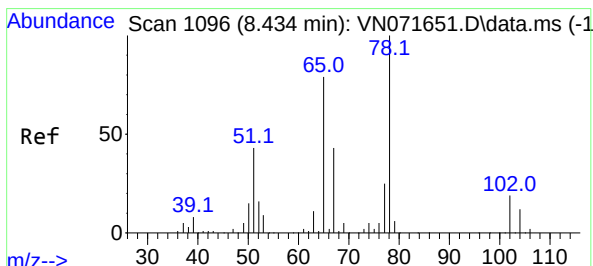
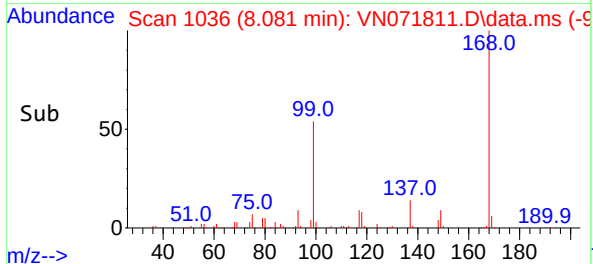
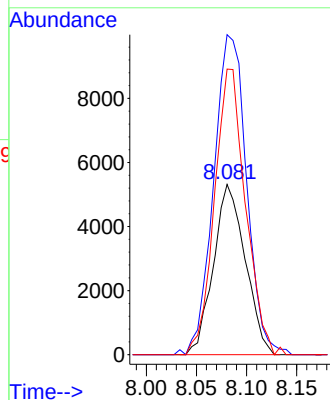
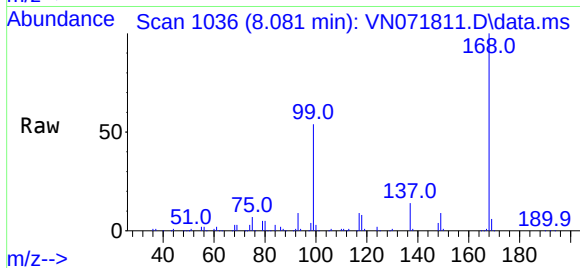
Tgt Ion: 56 Resp: 11714

Ion Ratio Lower Upper

56 100

69 185.0 27.8 41.8#

84 167.8 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 50.584 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN071811.D

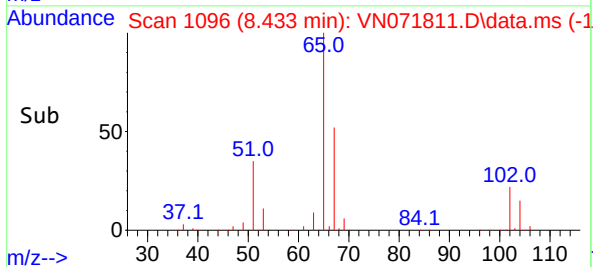
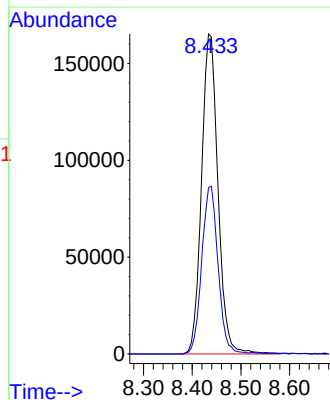
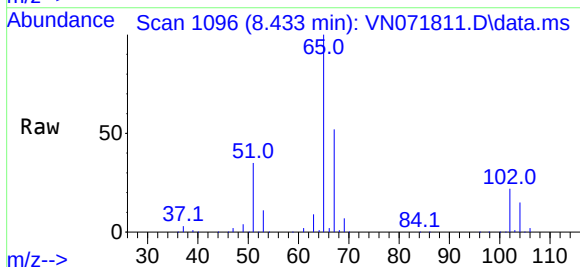
Acq: 02 Apr 2022 20:34

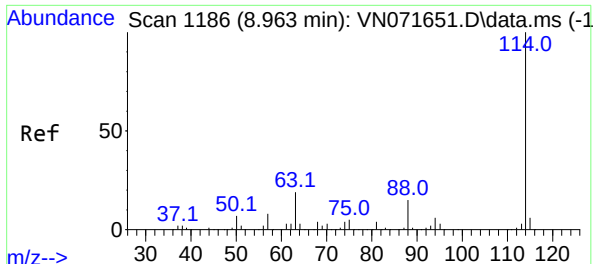
Tgt Ion: 65 Resp: 387231

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN071811.D

Acq: 02 Apr 2022 20:34

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-MW16251-20220329

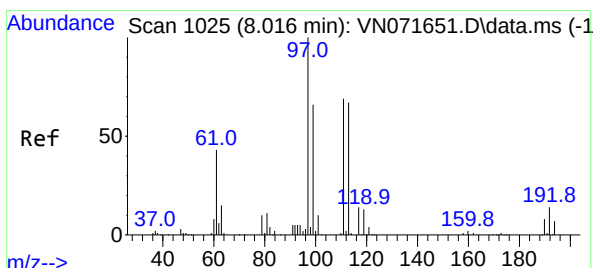
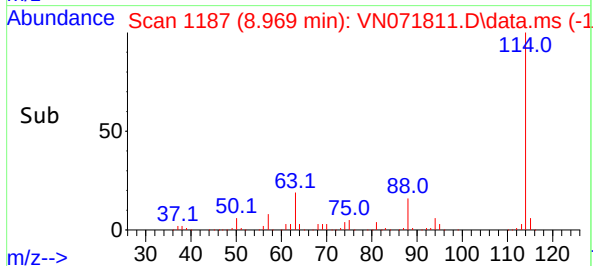
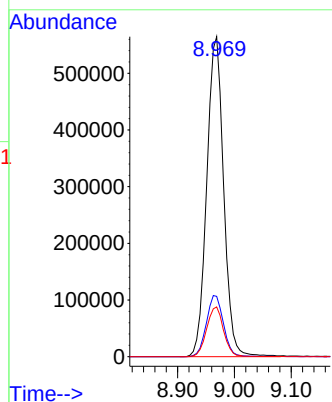
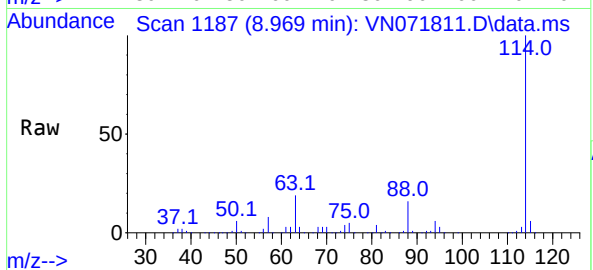
Tgt Ion:114 Resp: 1161616

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.846 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071811.D

Acq: 02 Apr 2022 20:34

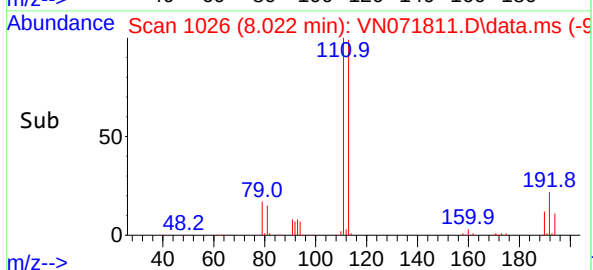
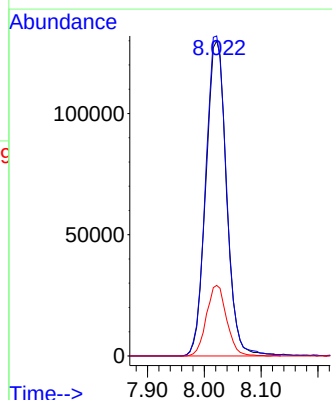
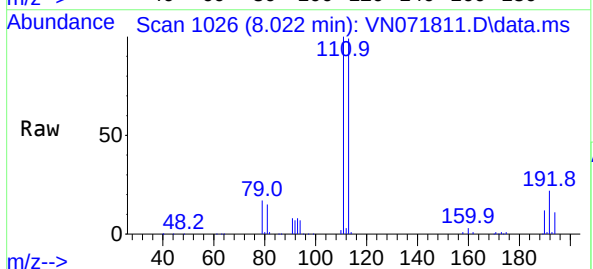
Tgt Ion:113 Resp: 327049

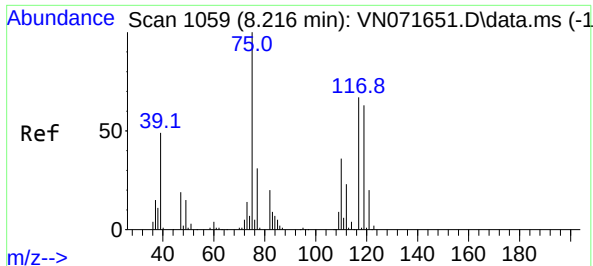
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 21.9 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.910 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.130 min

Lab File: VN071811.D

Acq: 02 Apr 2022 20:34

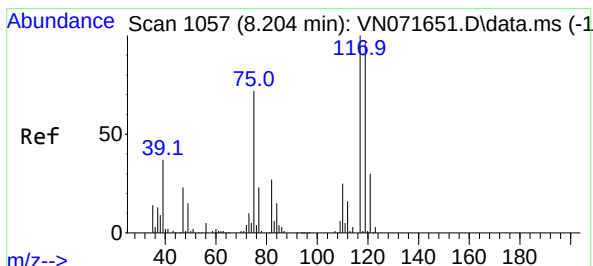
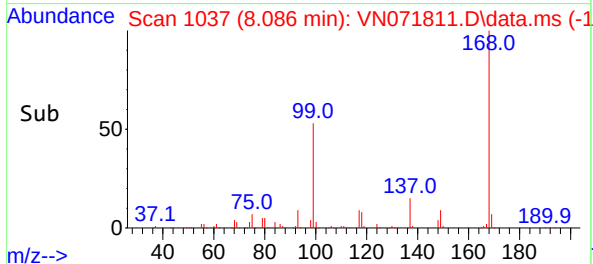
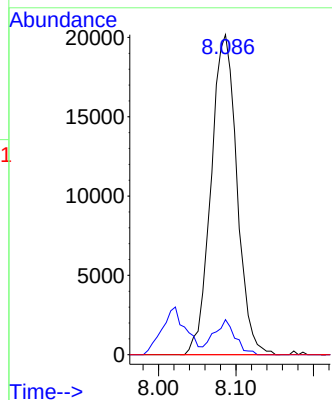
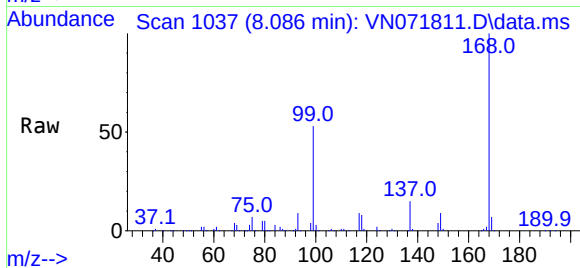
Instrument :

MSVOA_N

ClientSampleId :

BP-TT-MW16251-20220329

Tgt Ion:	75	Resp:	46868
Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.3	54.8#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 6.498 ug/l

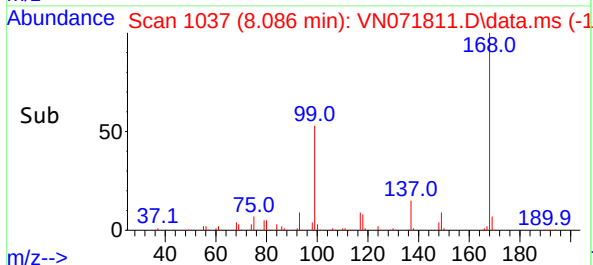
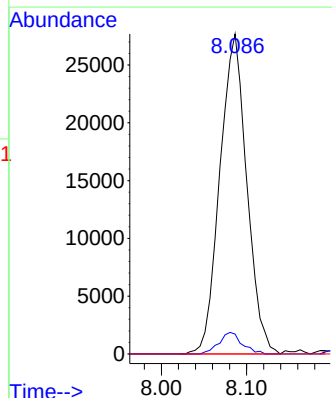
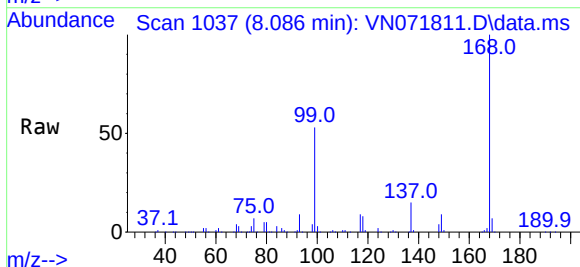
RT: 8.086 min Scan# 1037

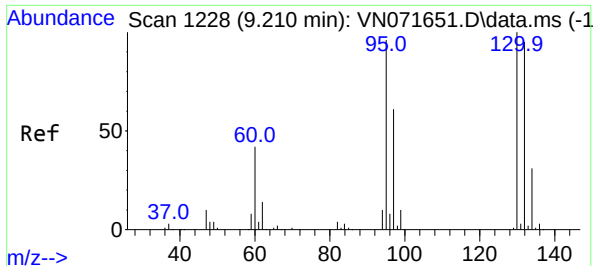
Delta R.T. -0.118 min

Lab File: VN071811.D

Acq: 02 Apr 2022 20:34

Tgt Ion:	117	Resp:	60788
Ion	Ratio	Lower	Upper
117	100		
119	6.2	75.8	113.8#
121	0.0	24.6	37.0#

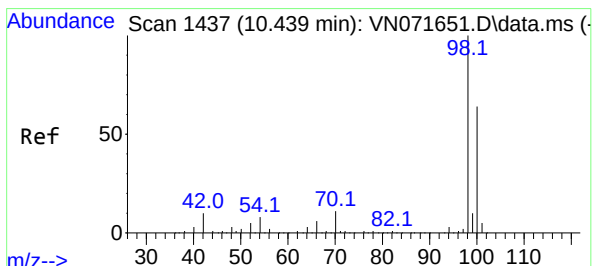
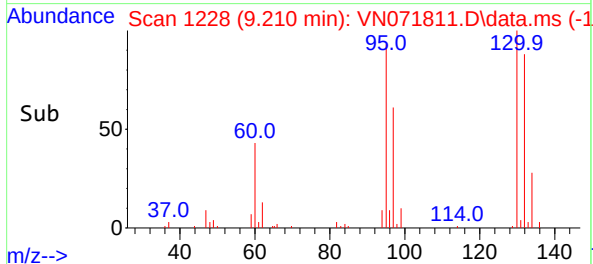
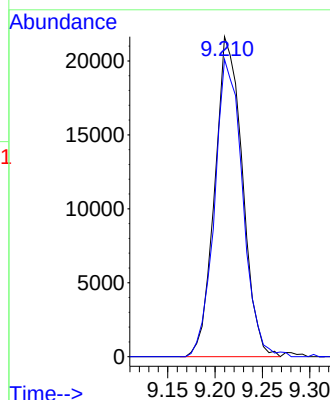
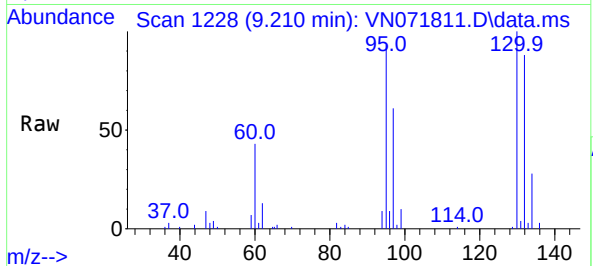




#44
Trichloroethene
Concen: 5.643 ug/l
RT: 9.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071811.D
Acq: 02 Apr 2022 20:34

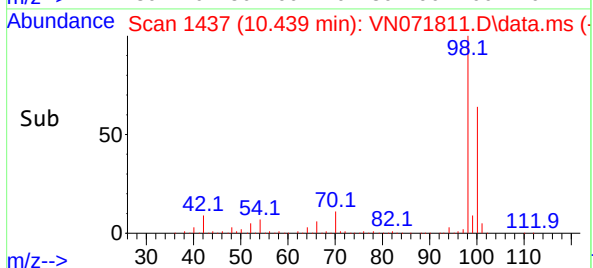
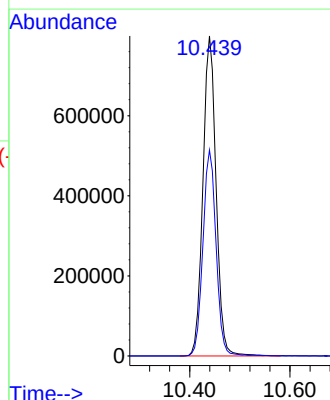
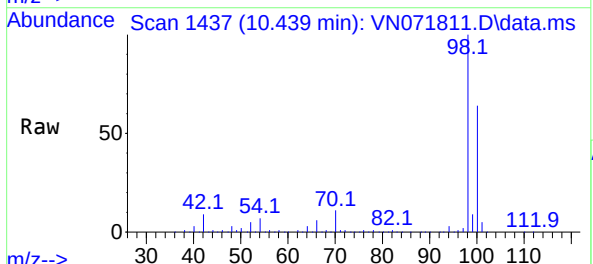
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW16251-20220329

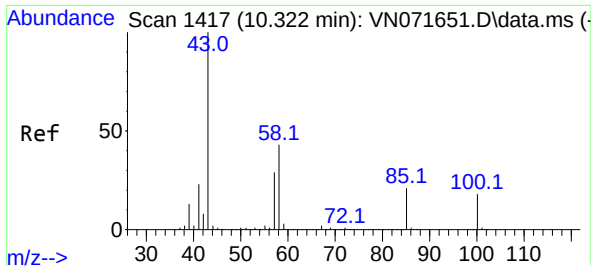
Tgt Ion:130 Resp: 43836
Ion Ratio Lower Upper
130 100
95 92.9 0.0 186.8



#50
Toluene-d8
Concen: 52.084 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071811.D
Acq: 02 Apr 2022 20:34

Tgt Ion: 98 Resp: 1456396
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8

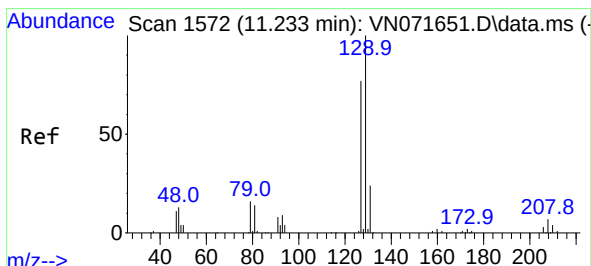
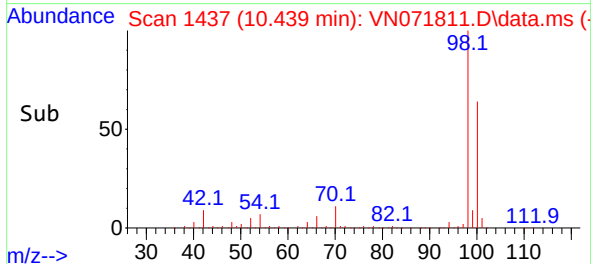
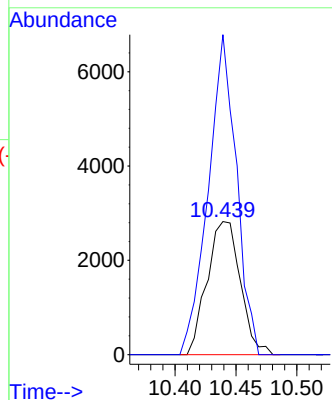
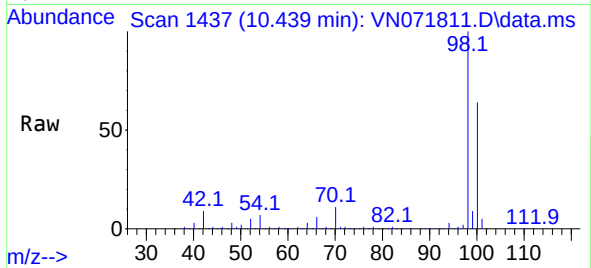




#51
4-Methyl-2-Pentanone
Concen: 0.537 ug/l
RT: 10.439 min Scan# 1417
Delta R.T. 0.117 min
Lab File: VN071811.D
Acq: 02 Apr 2022 20:34

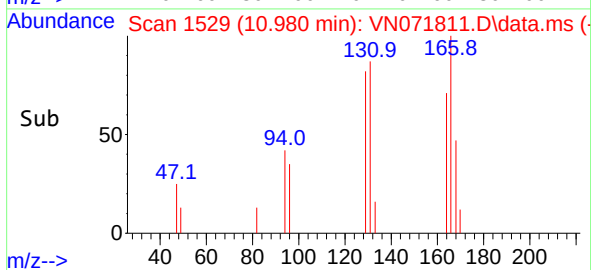
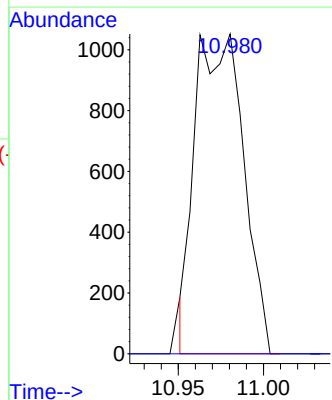
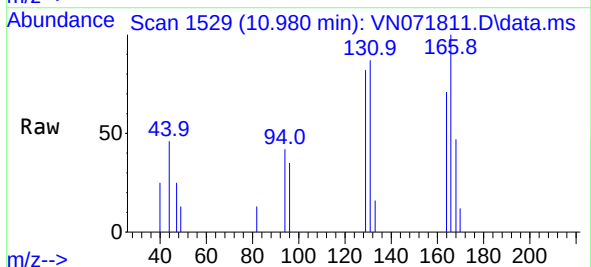
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW16251-20220329

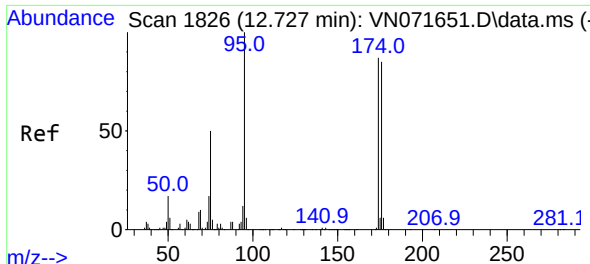
Tgt Ion: 43 Resp: 5362
Ion Ratio Lower Upper
43 100
58 203.5 34.1 51.1#



#60
Dibromochloromethane
Concen: 0.271 ug/l
RT: 10.980 min Scan# 1529
Delta R.T. -0.253 min
Lab File: VN071811.D
Acq: 02 Apr 2022 20:34

Tgt Ion: 129 Resp: 2074
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

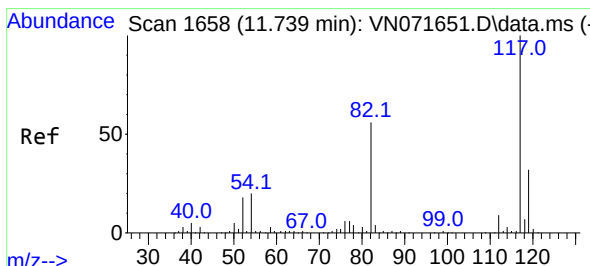
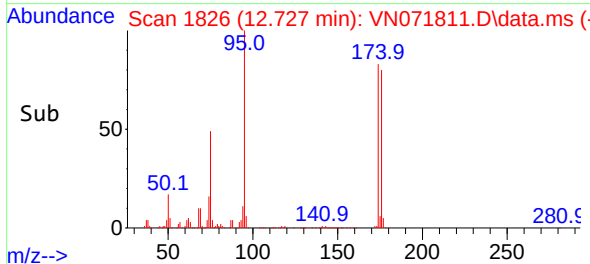
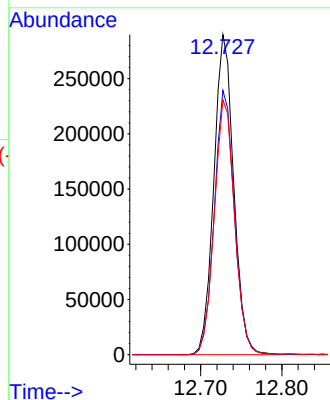
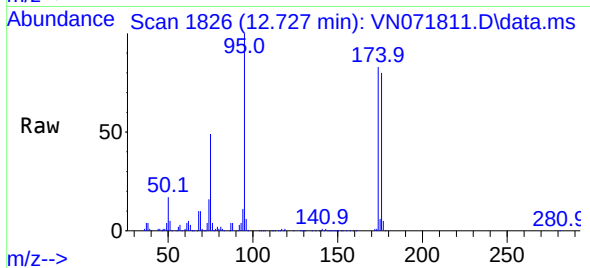




#62
4-Bromofluorobenzene
Concen: 54.440 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071811.D
Acq: 02 Apr 2022 20:34

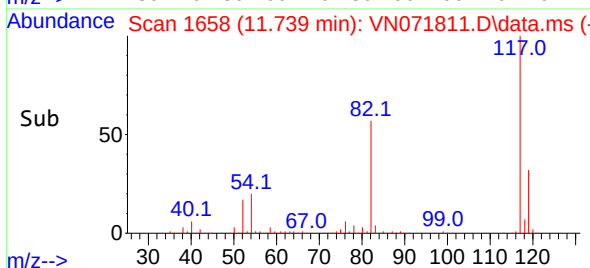
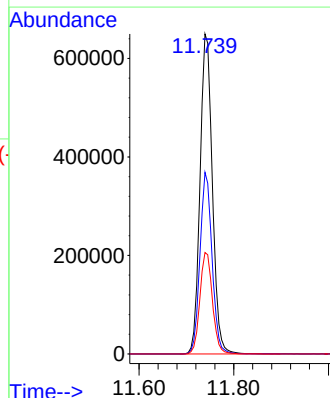
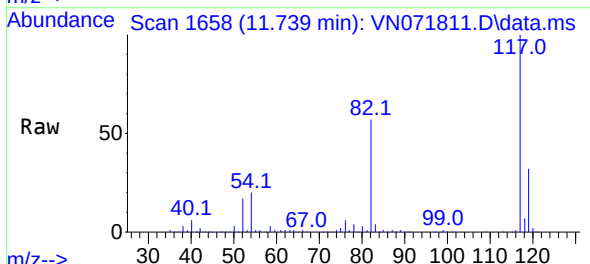
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW16251-20220329

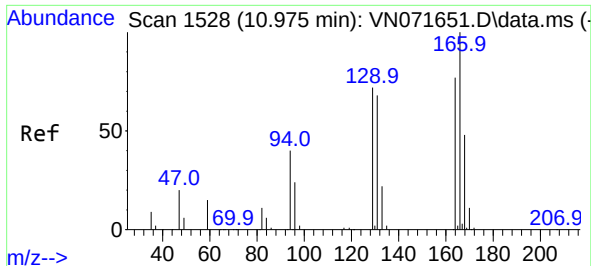
Tgt Ion: 95 Resp: 492326
Ion Ratio Lower Upper
95 100
174 83.7 0.0 167.6
176 81.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071811.D
Acq: 02 Apr 2022 20:34

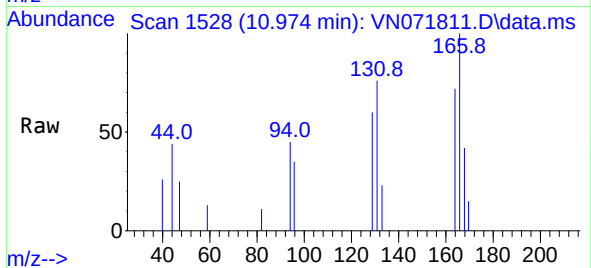
Tgt Ion: 117 Resp: 1172709
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.2
119 31.7 25.4 38.0



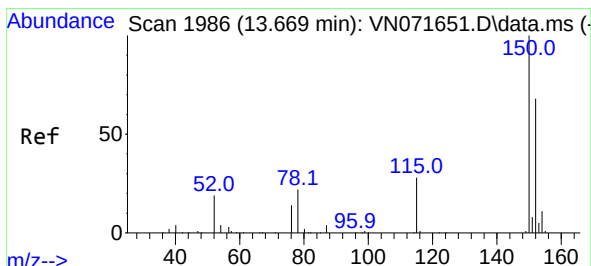
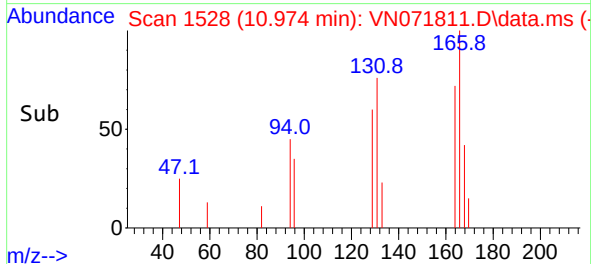
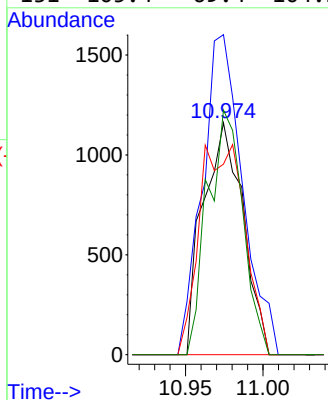


#64
Tetrachloroethene
Concen: 0.268 ug/l
RT: 10.974 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071811.D
Acq: 02 Apr 2022 20:34

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW16251-20220329

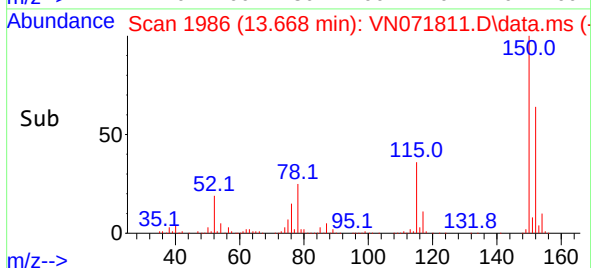
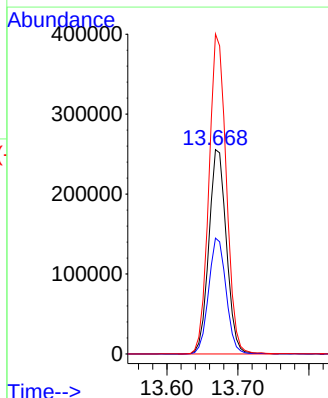
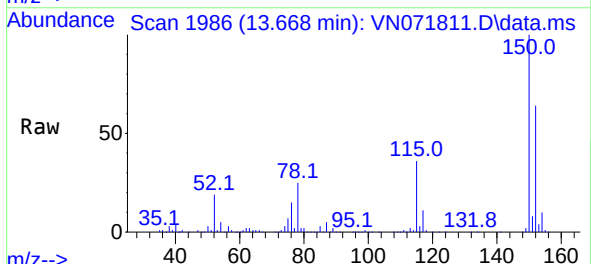


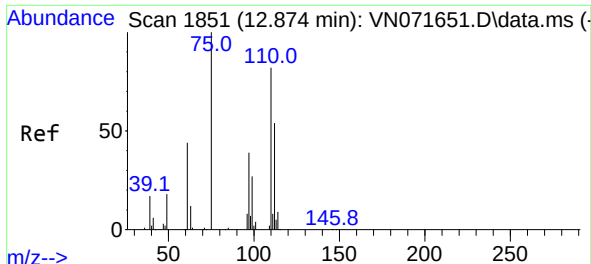
Tgt Ion:164 Resp: 2078
Ion Ratio Lower Upper
164 100
166 138.0 104.2 156.2
129 82.2 73.9 110.9
131 105.4 69.4 104.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071811.D
Acq: 02 Apr 2022 20:34

Tgt Ion:152 Resp: 439933
Ion Ratio Lower Upper
152 100
115 56.4 28.9 86.7
150 154.5 0.0 356.2

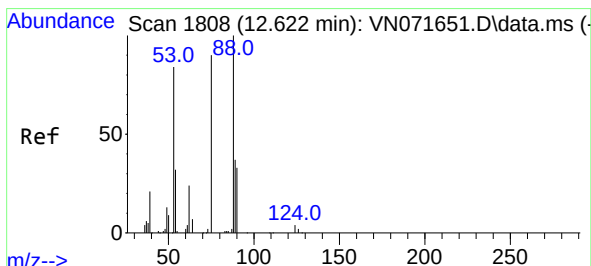
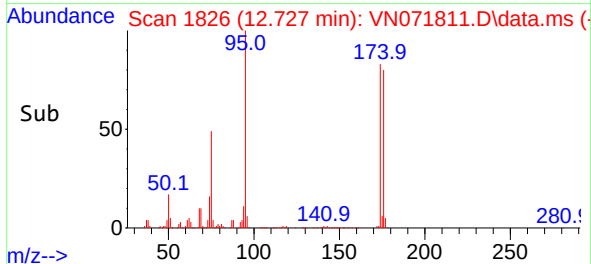
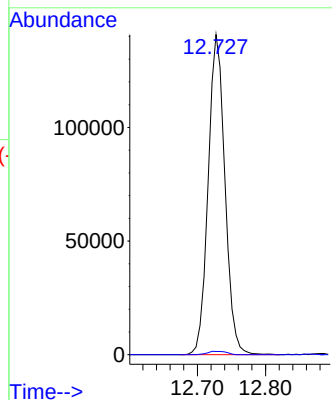
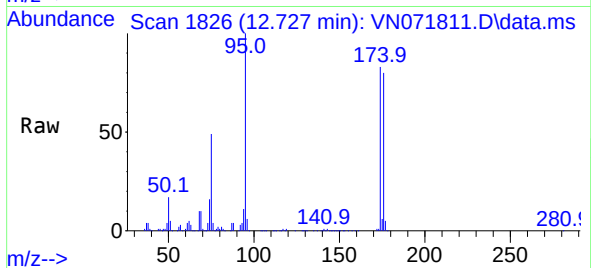




#76
1,2,3-Trichloropropane
Concen: 23.655 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071811.D
Acq: 02 Apr 2022 20:34

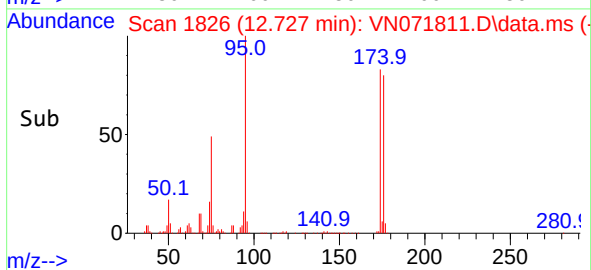
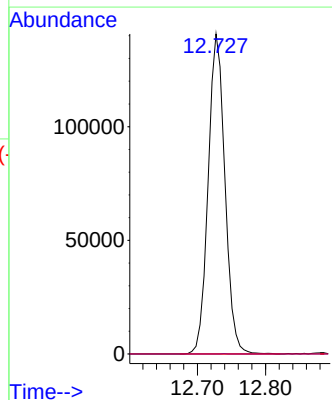
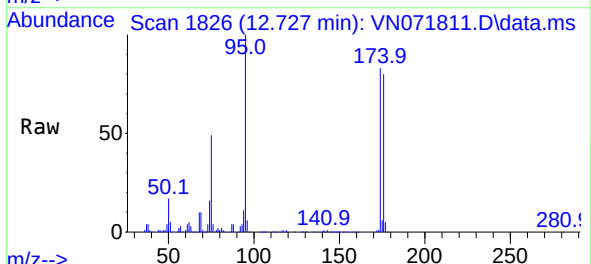
Instrument : MSVOA_N
ClientSampleId : BP-TT-MW16251-20220329

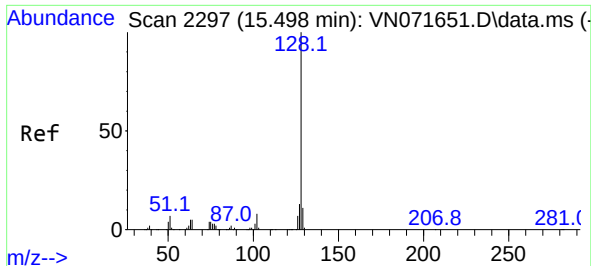
Tgt Ion: 75 Resp: 241076
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.306 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071811.D
Acq: 02 Apr 2022 20:34

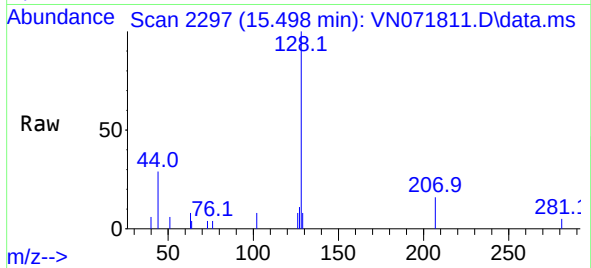
Tgt Ion: 75 Resp: 241076
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 4.186 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071811.D
Acq: 02 Apr 2022 20:34

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW16251-20220329



Tgt Ion:	128	Resp:	8309
Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.3	15.5
129	9.7	8.6	13.0

