

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040622\
 Data File : VN071878.D
 Acq On : 06 Apr 2022 14:42
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 07 04:27:36 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)

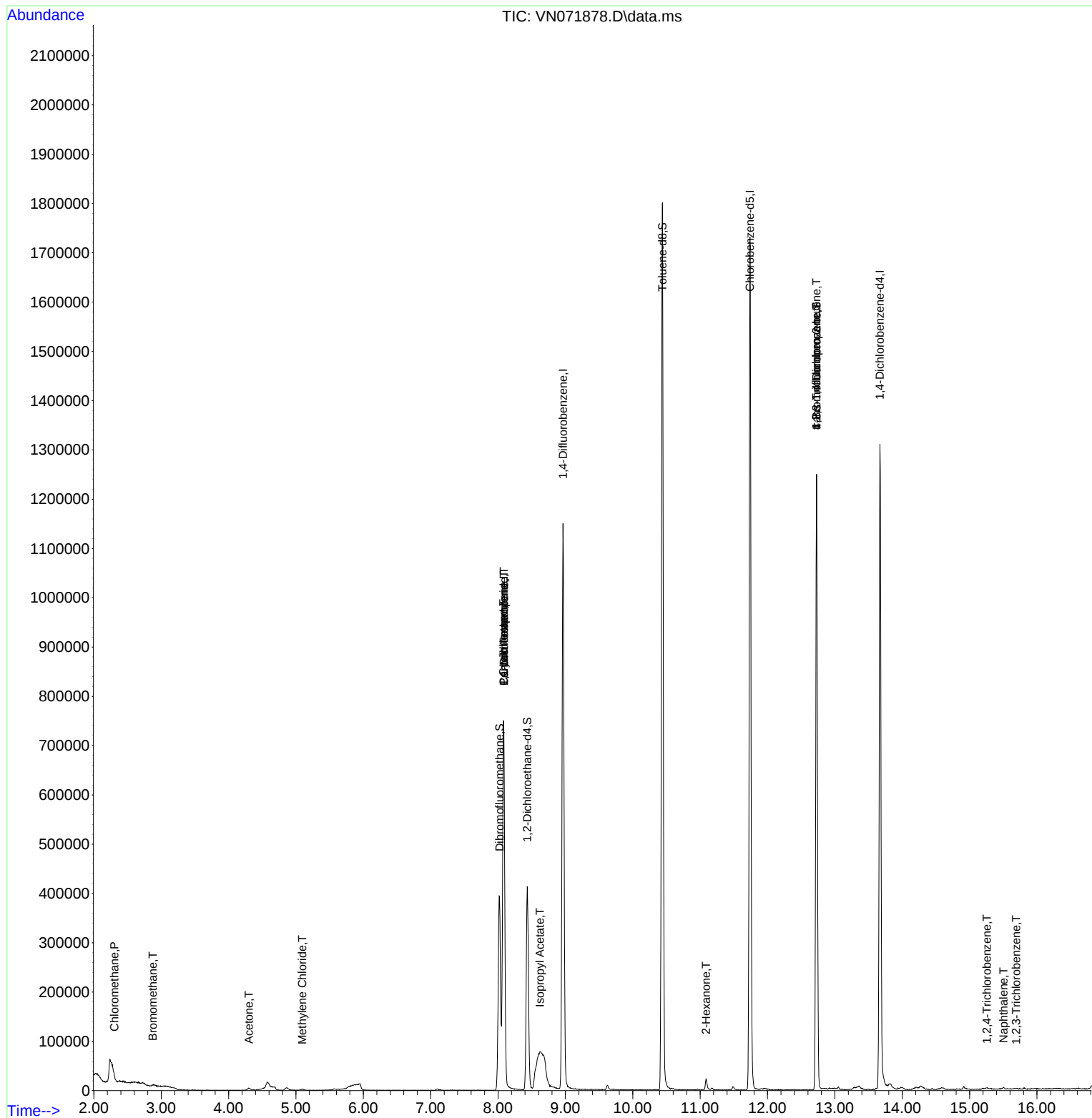
Internal Standards						
1) Pentafluorobenzene	8.086	168	625392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1069836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1085856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	397609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	341784	47.872	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.740%
35) Dibromofluoromethane	8.022	113	300990	47.811	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.620%
50) Toluene-d8	10.439	98	1323911	51.408	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.820%
62) 4-Bromofluorobenzene	12.727	95	446014	53.550	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.100%
Target Compounds						
					Qvalue	
3) Chloromethane	2.305	50	2578	0.409	ug/l	91
5) Bromomethane	2.875	94	1710	0.380	ug/l	82
16) Acetone	4.298	43	4942	1.620	ug/l	97
20) Methylene Chloride	5.093	84	2278	0.354	ug/l #	80
31) Cyclohexane	8.081	56	9856	1.015	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	41247	4.692	ug/l #	48
38) Carbon Tetrachloride	8.086	117	56635	6.573	ug/l #	15
43) Isopropyl Acetate	8.622	43	129876	8.115	ug/l #	55
59) 2-Hexanone	11.086	43	5610	0.866	ug/l #	54
76) 1,2,3-Trichloropropane	12.727	75	217061	23.566	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	217061	73.029	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.257	180	950	2.230	ug/l	93
95) Naphthalene	15.504	128	4829	4.049	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.692	180	1130	2.590	ug/l #	79

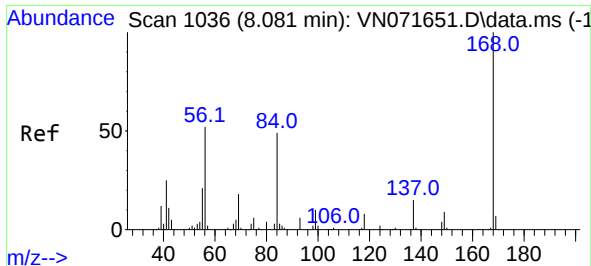
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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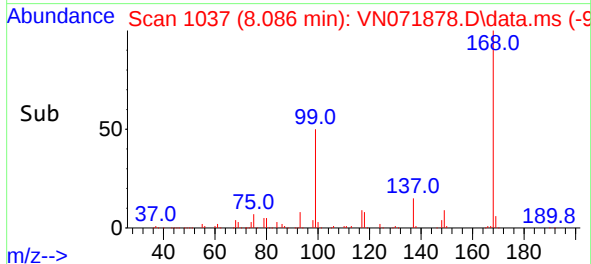
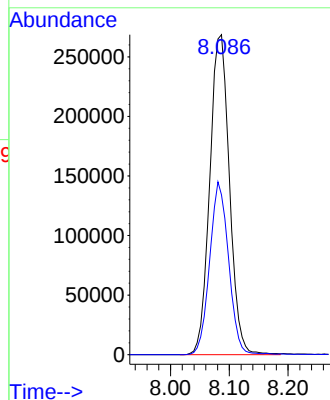
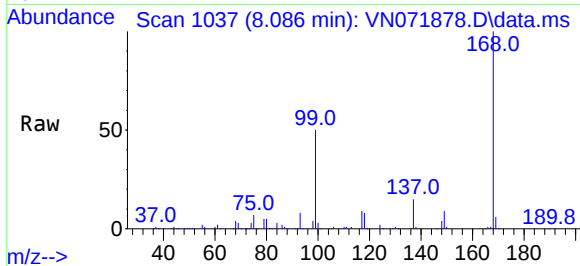




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071878.D
Acq: 06 Apr 2022 14:42

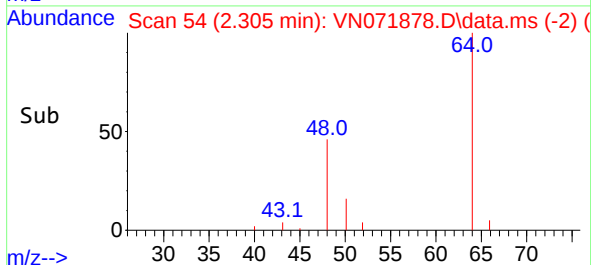
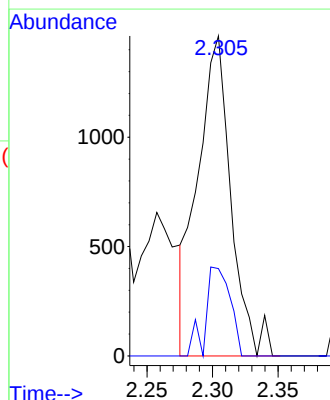
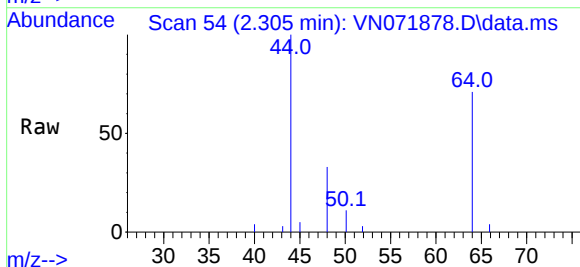
Instrument :
MSVOA_N
ClientSampleId :
IBLK

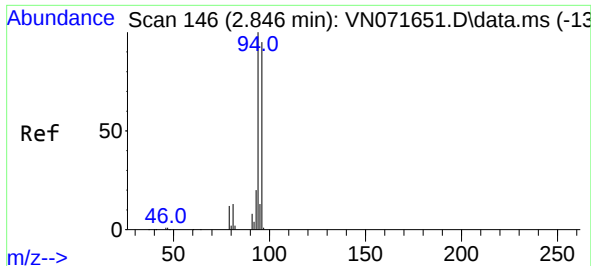
Tgt Ion:168 Resp: 625392
Ion Ratio Lower Upper
168 100
99 49.9 42.3 63.5



#3
Chloromethane
Concen: 0.409 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071878.D
Acq: 06 Apr 2022 14:42

Tgt Ion: 50 Resp: 2578
Ion Ratio Lower Upper
50 100
52 27.3 25.7 38.5

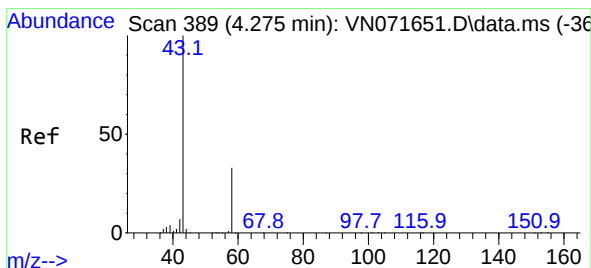
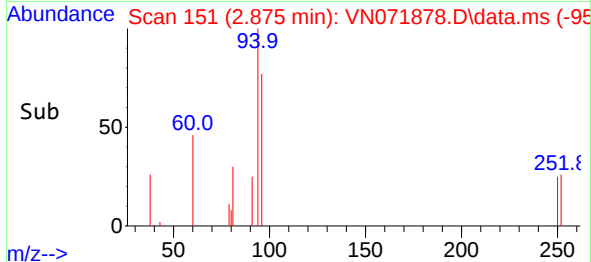
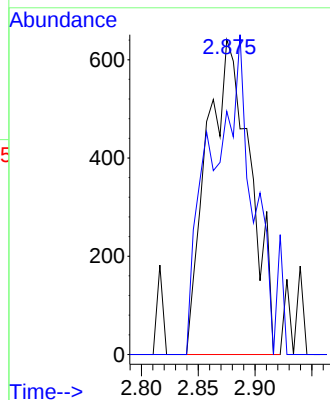
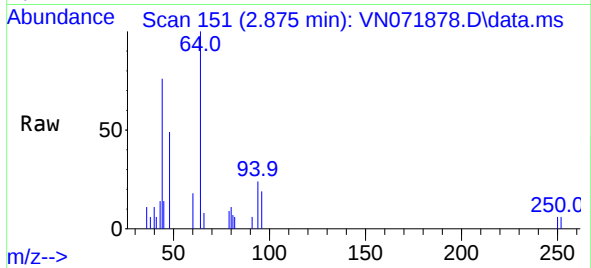




#5
Bromomethane
Concen: 0.380 ug/l
RT: 2.875 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN071878.D
Acq: 06 Apr 2022 14:42

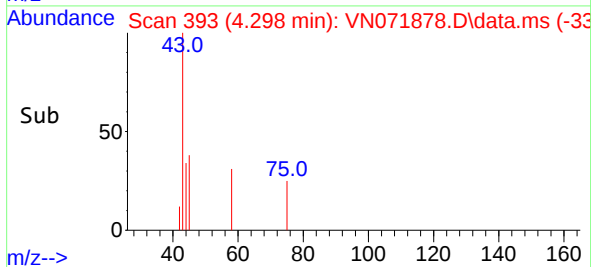
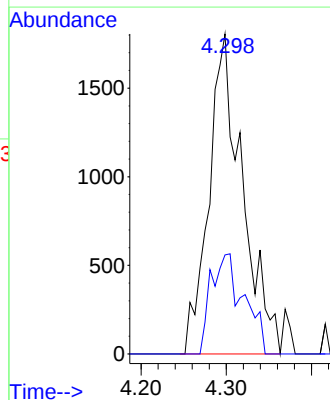
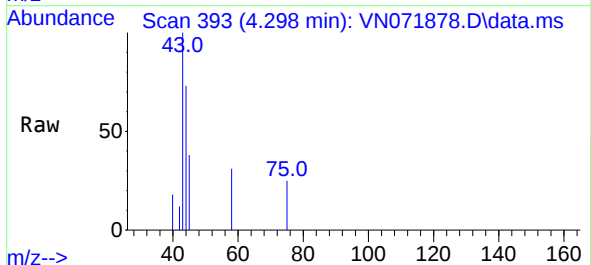
Instrument :
MSVOA_N
ClientSampleId :
IBLK

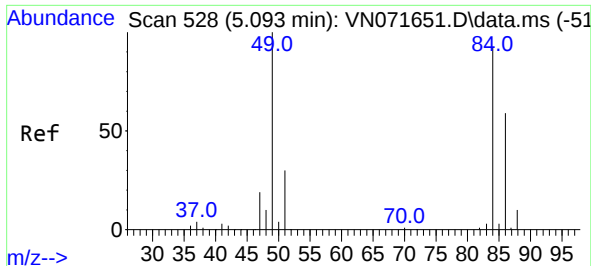
Tgt Ion: 94 Resp: 1710
Ion Ratio Lower Upper
94 100
96 77.2 76.0 114.0



#16
Acetone
Concen: 1.620 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.023 min
Lab File: VN071878.D
Acq: 06 Apr 2022 14:42

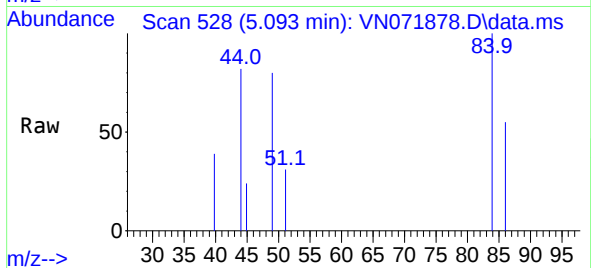
Tgt Ion: 43 Resp: 4942
Ion Ratio Lower Upper
43 100
58 31.0 26.0 39.0





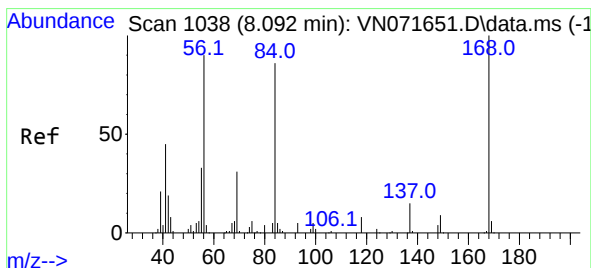
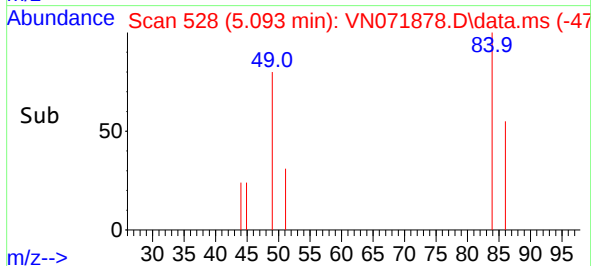
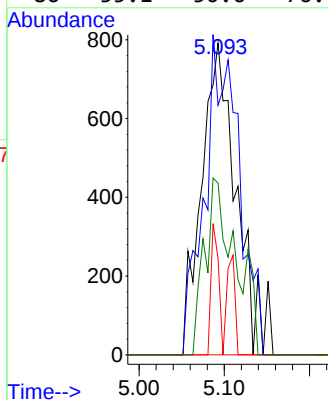
#20
Methylene Chloride
Concen: 0.354 ug/l
RT: 5.093 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071878.D
Acq: 06 Apr 2022 14:42

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 84 Resp: 2278

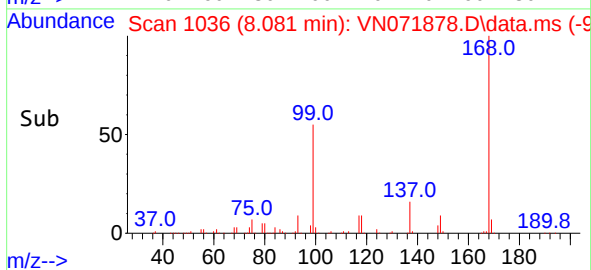
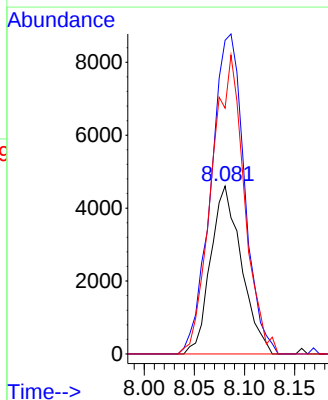
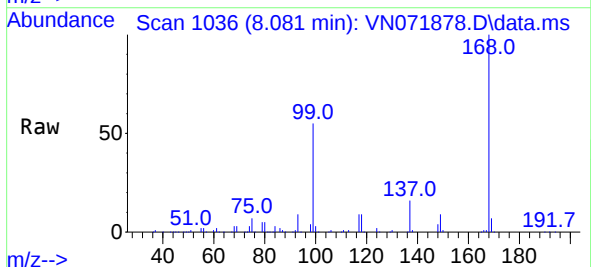
Ion	Ratio	Lower	Upper
84	100		
49	80.1	88.3	132.5#
51	30.9	28.2	42.2
86	55.1	50.6	76.0

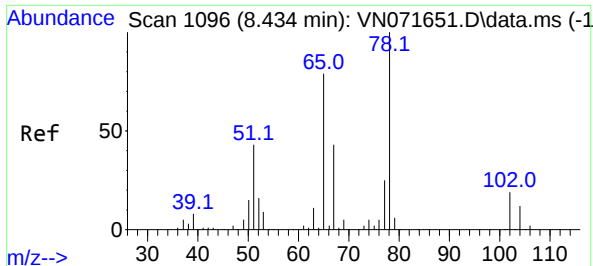


#31
Cyclohexane
Concen: 1.015 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071878.D
Acq: 06 Apr 2022 14:42

Tgt Ion: 56 Resp: 9856

Ion	Ratio	Lower	Upper
56	100		
69	186.9	27.8	41.8#
84	146.5	76.9	115.3#

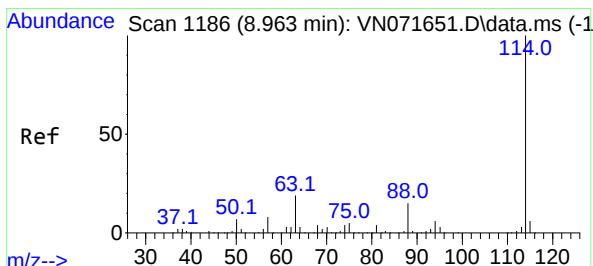
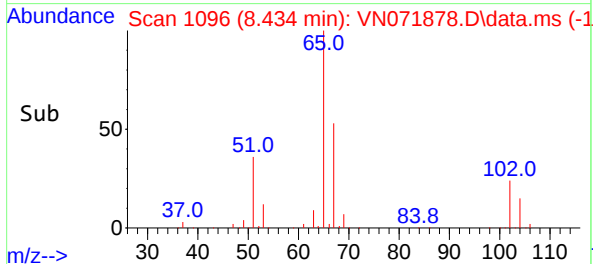
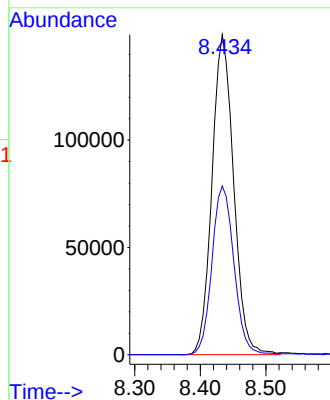
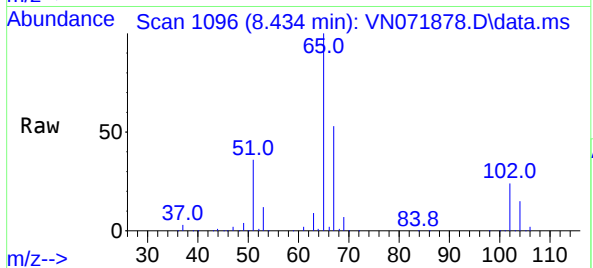




#33
1,2-Dichloroethane-d4
Concen: 47.872 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071878.D
Acq: 06 Apr 2022 14:42

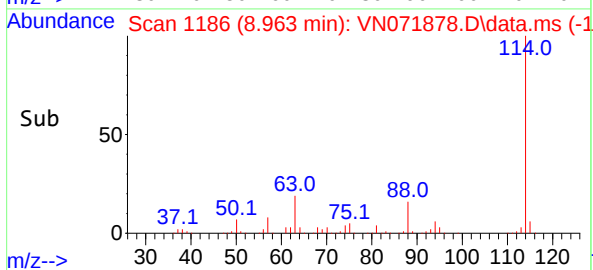
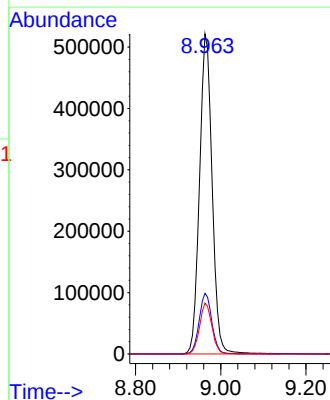
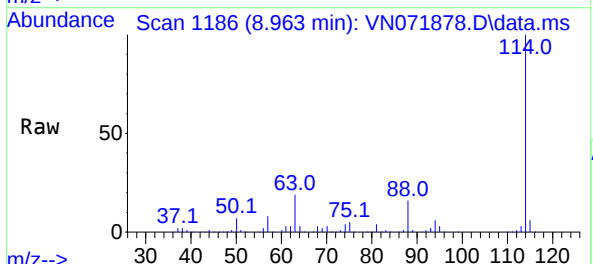
Instrument :
MSVOA_N
ClientSampleId :
IBLK

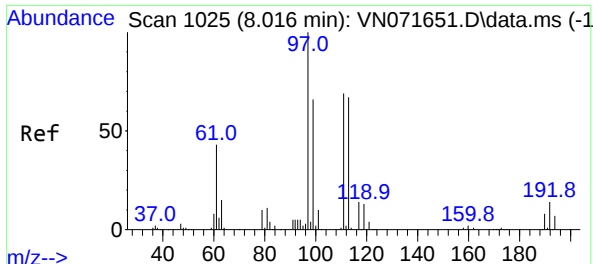
Tgt Ion: 65 Resp: 341784
Ion Ratio Lower Upper
65 100
67 53.9 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071878.D
Acq: 06 Apr 2022 14:42

Tgt Ion: 114 Resp: 1069836
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.0
88 15.9 0.0 32.6

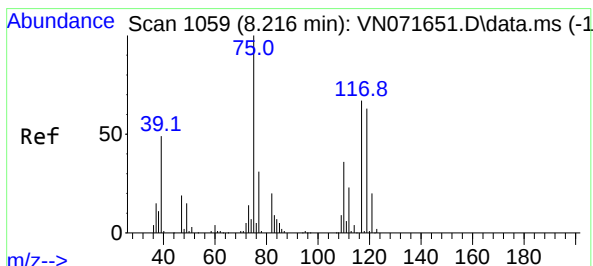
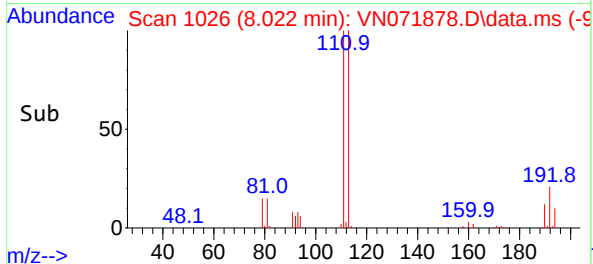
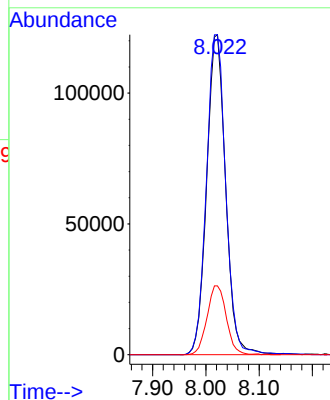
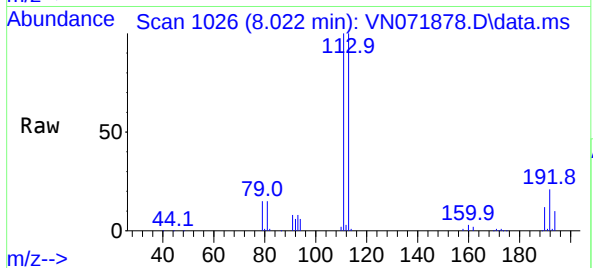




#35
Dibromofluoromethane
Concen: 47.811 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071878.D
Acq: 06 Apr 2022 14:42

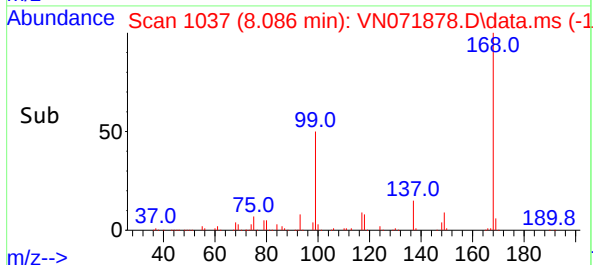
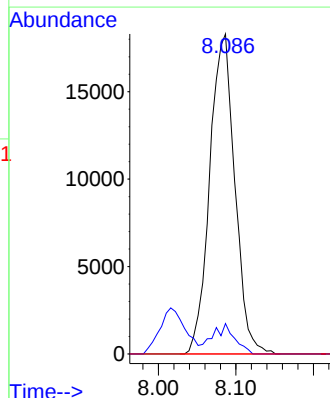
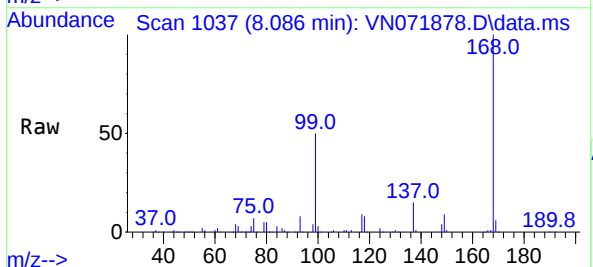
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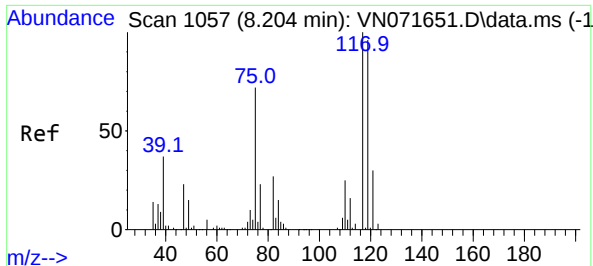
Tgt Ion:113 Resp: 300990
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 21.9 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.692 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.130 min
Lab File: VN071878.D
Acq: 06 Apr 2022 14:42

Tgt Ion: 75 Resp: 41247
Ion Ratio Lower Upper
75 100
110 8.0 18.3 54.8#
77 0.0 25.1 37.7#

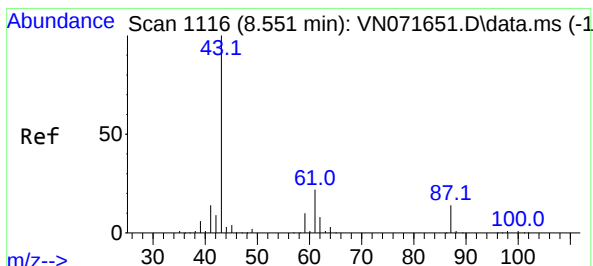
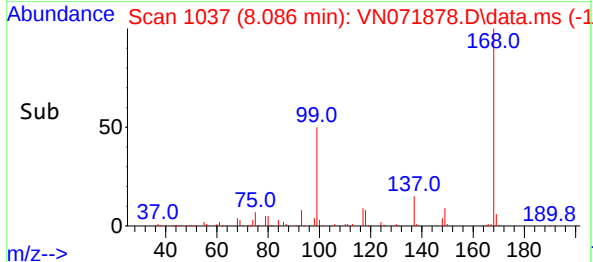
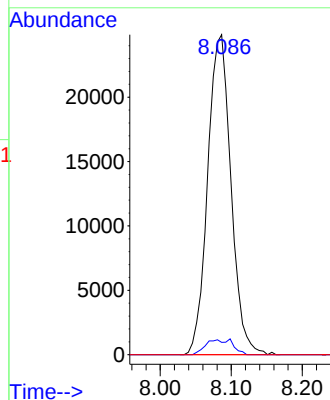
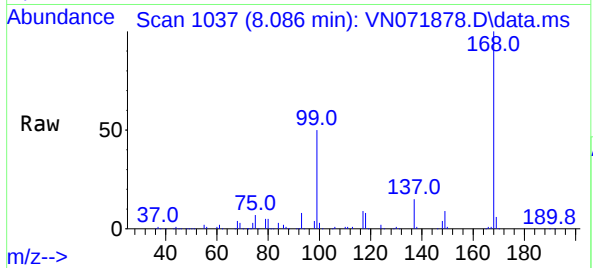




#38
Carbon Tetrachloride
Concen: 6.573 ug/l
RT: 8.086 min Scan# 1107
Delta R.T. -0.118 min
Lab File: VN071878.D
Acq: 06 Apr 2022 14:42

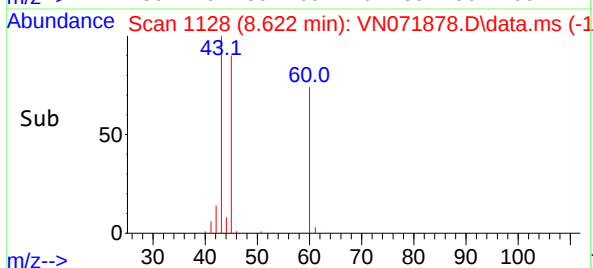
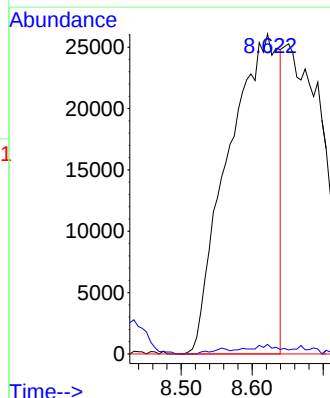
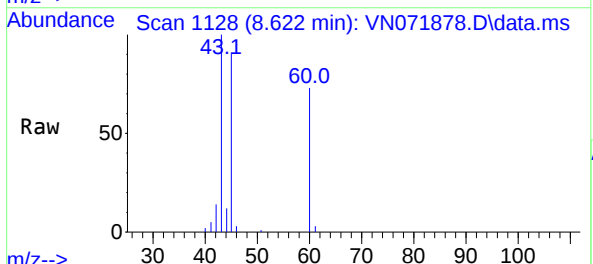
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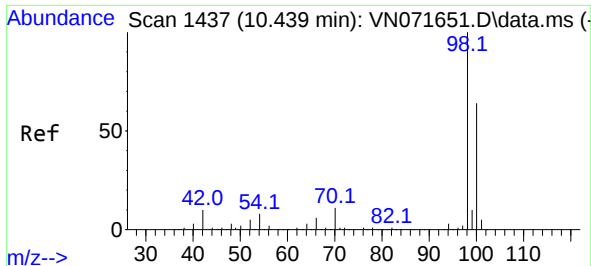
Tgt Ion:117 Resp: 56635
Ion Ratio Lower Upper
117 100
119 3.8 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 8.115 ug/l
RT: 8.622 min Scan# 1128
Delta R.T. 0.071 min
Lab File: VN071878.D
Acq: 06 Apr 2022 14:42

Tgt Ion: 43 Resp: 129876
Ion Ratio Lower Upper
43 100
61 1.7 21.9 32.9#
87 0.0 12.0 18.0#

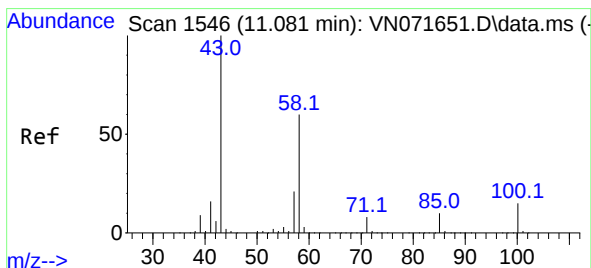
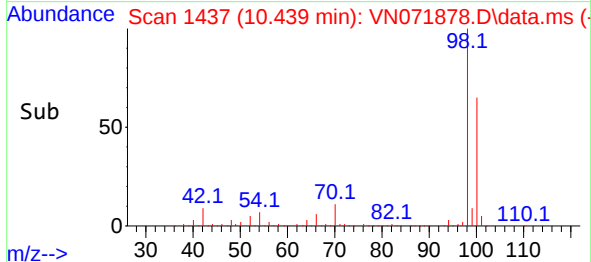
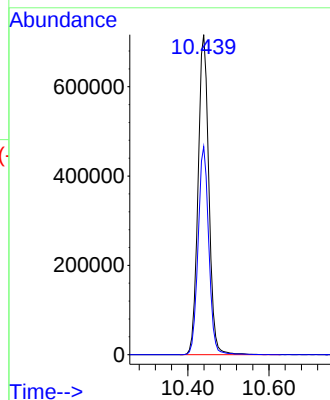
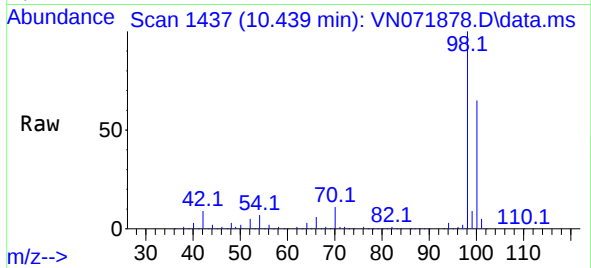




#50
Toluene-d8
Concen: 51.408 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071878.D
Acq: 06 Apr 2022 14:42

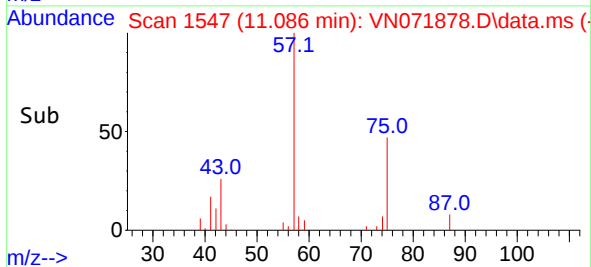
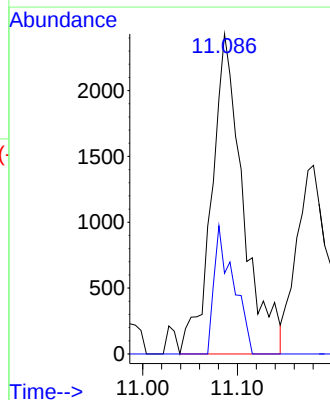
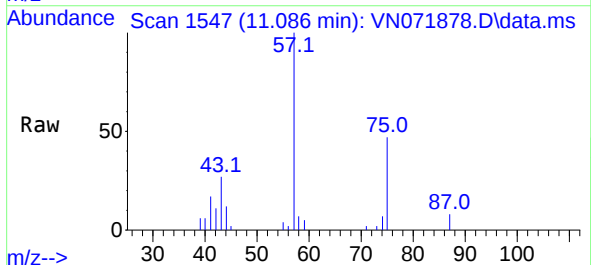
Instrument :
MSVOA_N
ClientSampleId :
IBLK

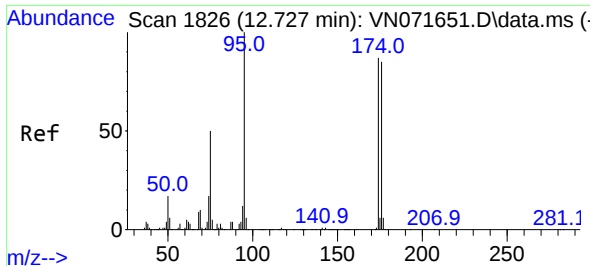
Tgt Ion: 98 Resp: 1323911
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#59
2-Hexanone
Concen: 0.866 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.005 min
Lab File: VN071878.D
Acq: 06 Apr 2022 14:42

Tgt Ion: 43 Resp: 5610
Ion Ratio Lower Upper
43 100
58 24.6 29.7 89.1#

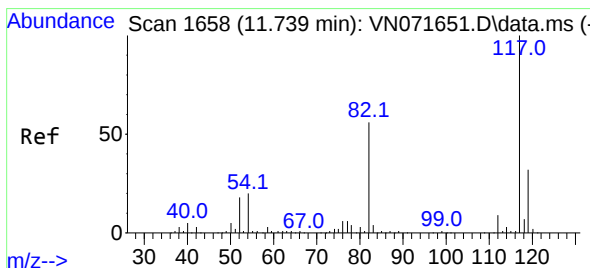
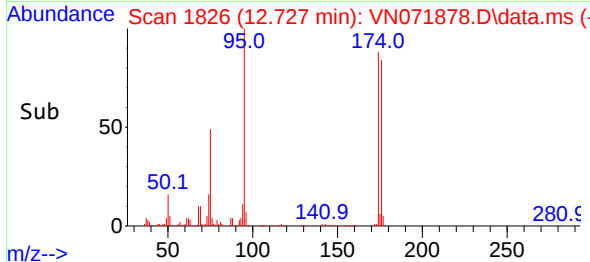
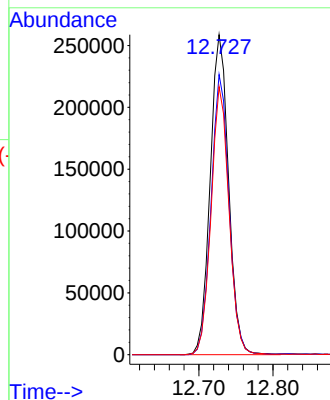
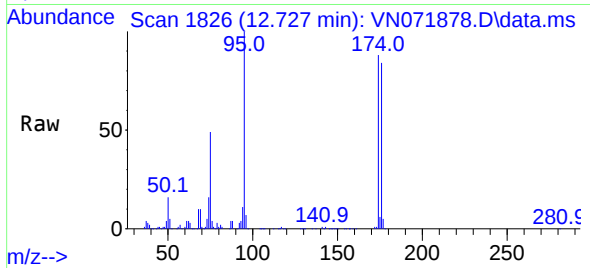




#62
4-Bromofluorobenzene
Concen: 53.550 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071878.D
Acq: 06 Apr 2022 14:42

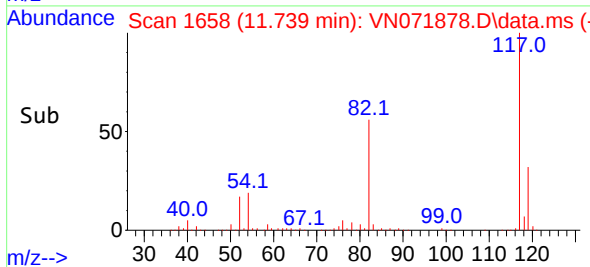
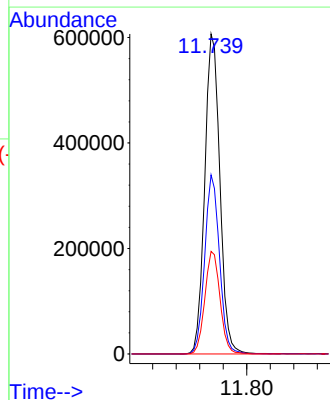
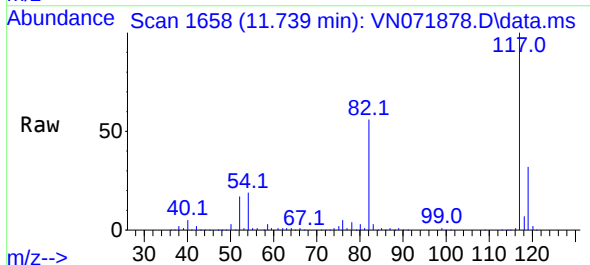
Instrument :
MSVOA_N
ClientSampleId :
IBLK

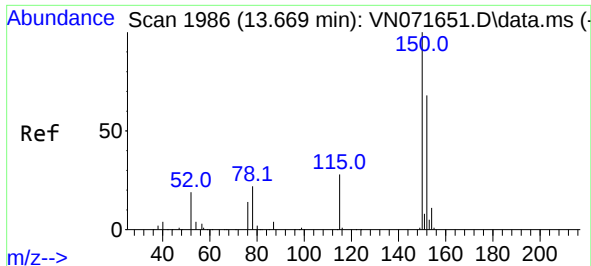
Tgt Ion: 95 Resp: 446014
Ion Ratio Lower Upper
95 100
174 85.4 0.0 167.6
176 81.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071878.D
Acq: 06 Apr 2022 14:42

Tgt Ion: 117 Resp: 1085856
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.2
119 32.1 25.4 38.0

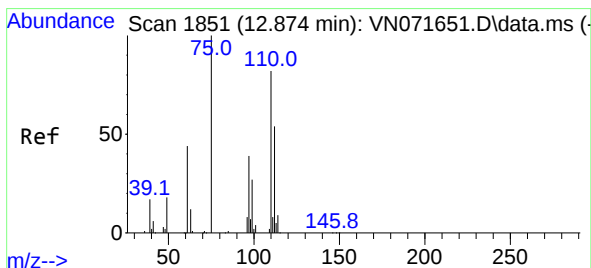
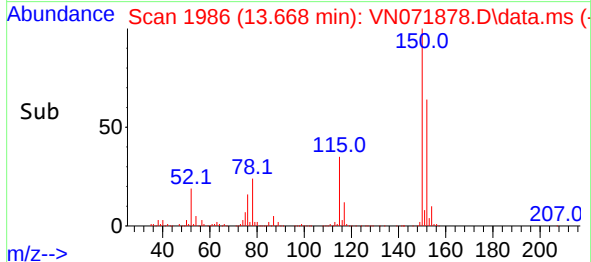
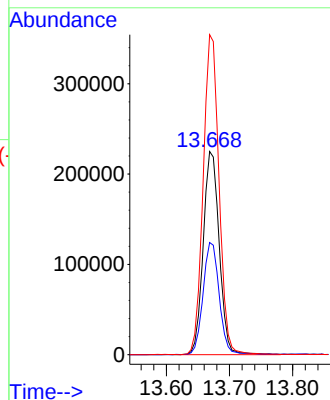
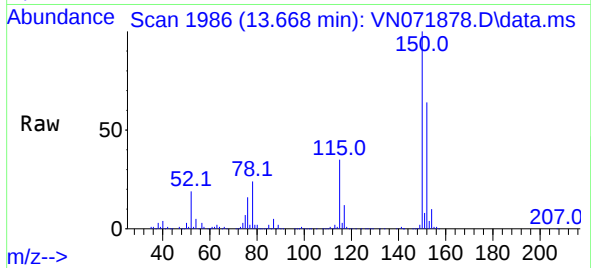




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071878.D
Acq: 06 Apr 2022 14:42

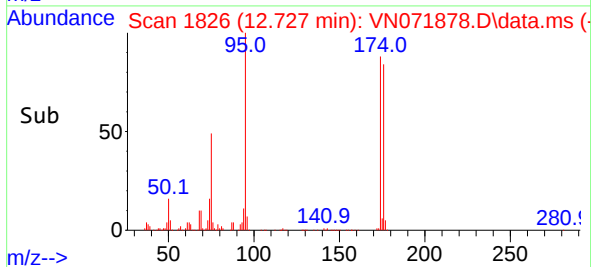
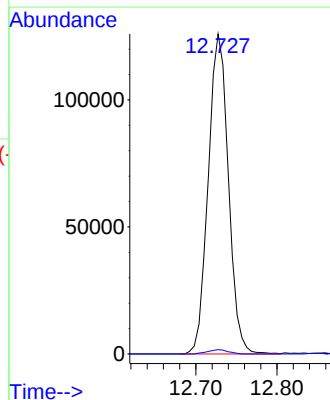
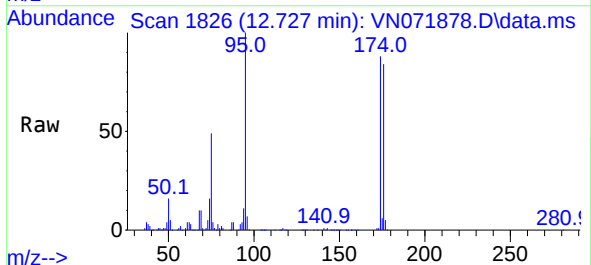
Instrument :
MSVOA_N
ClientSampleId :
IBLK

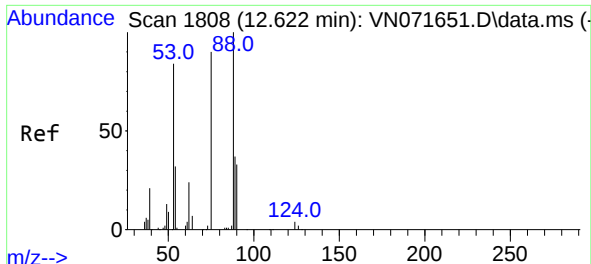
Tgt Ion:152 Resp: 397609
Ion Ratio Lower Upper
152 100
115 56.2 28.9 86.7
150 155.8 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 23.566 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071878.D
Acq: 06 Apr 2022 14:42

Tgt Ion: 75 Resp: 217061
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#

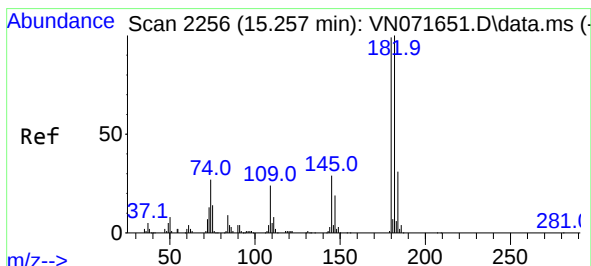
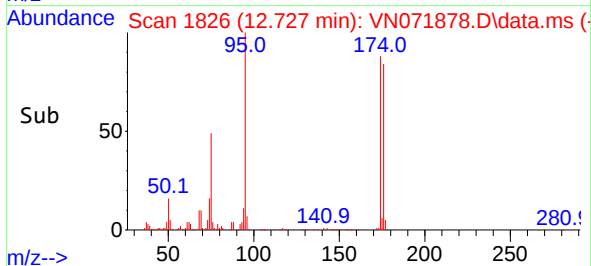
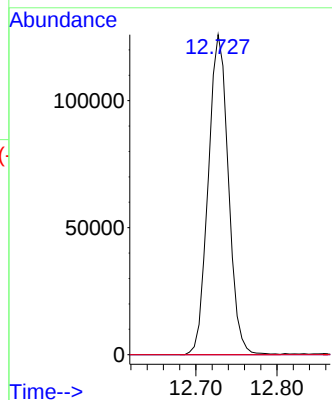
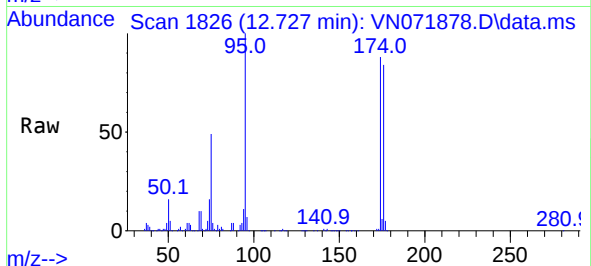




#81
trans-1,4-Dichloro-2-butene
Concen: 73.029 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071878.D
Acq: 06 Apr 2022 14:42

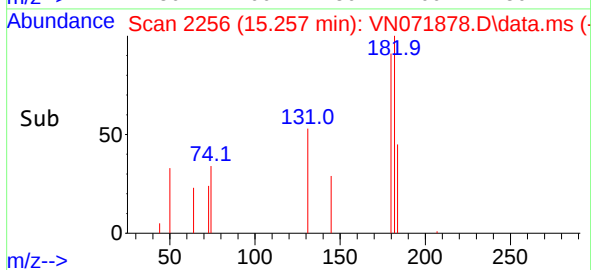
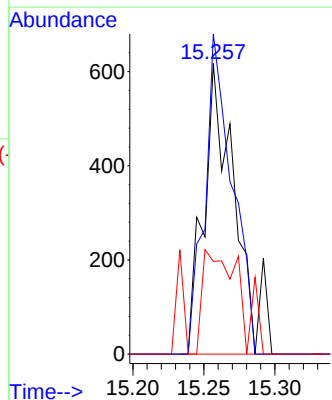
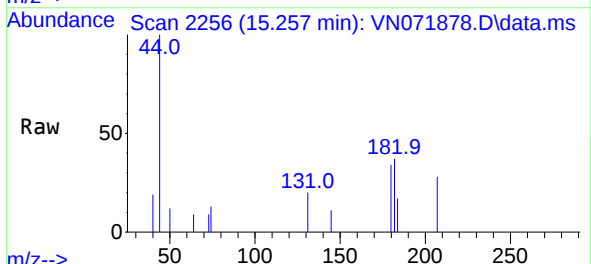
Instrument :
MSVOA_N
ClientSampleId :
IBLK

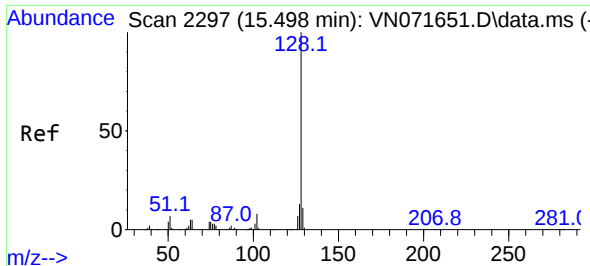
Tgt Ion: 75 Resp: 217061
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.230 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN071878.D
Acq: 06 Apr 2022 14:42

Tgt Ion: 180 Resp: 950
Ion Ratio Lower Upper
180 100
182 96.6 47.5 142.5
145 42.6 14.5 43.5

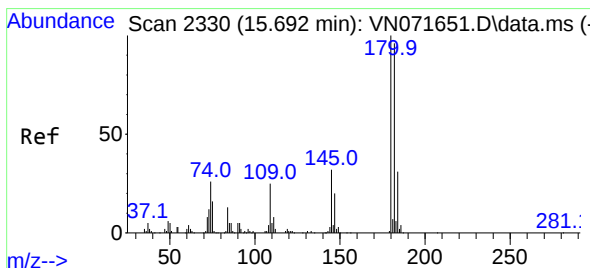
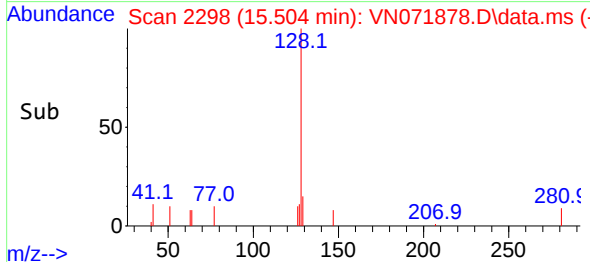
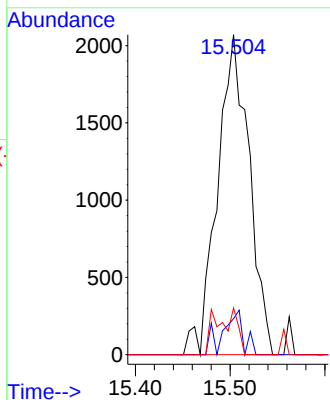
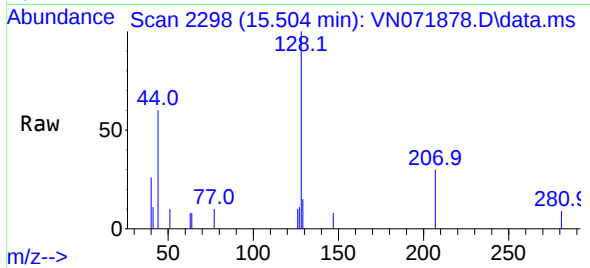




#95
Naphthalene
Concen: 4.049 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071878.D
Acq: 06 Apr 2022 14:42

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 4829
Ion Ratio Lower Upper
128 100
127 7.4 10.3 15.5#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.590 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN071878.D
Acq: 06 Apr 2022 14:42

Tgt Ion:180 Resp: 1130
Ion Ratio Lower Upper
180 100
182 78.1 47.8 143.3
145 14.3 15.5 46.5#

