

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022822\
 Data File : VN071095.D
 Acq On : 28 Feb 2022 14:54
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 01 04:21:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

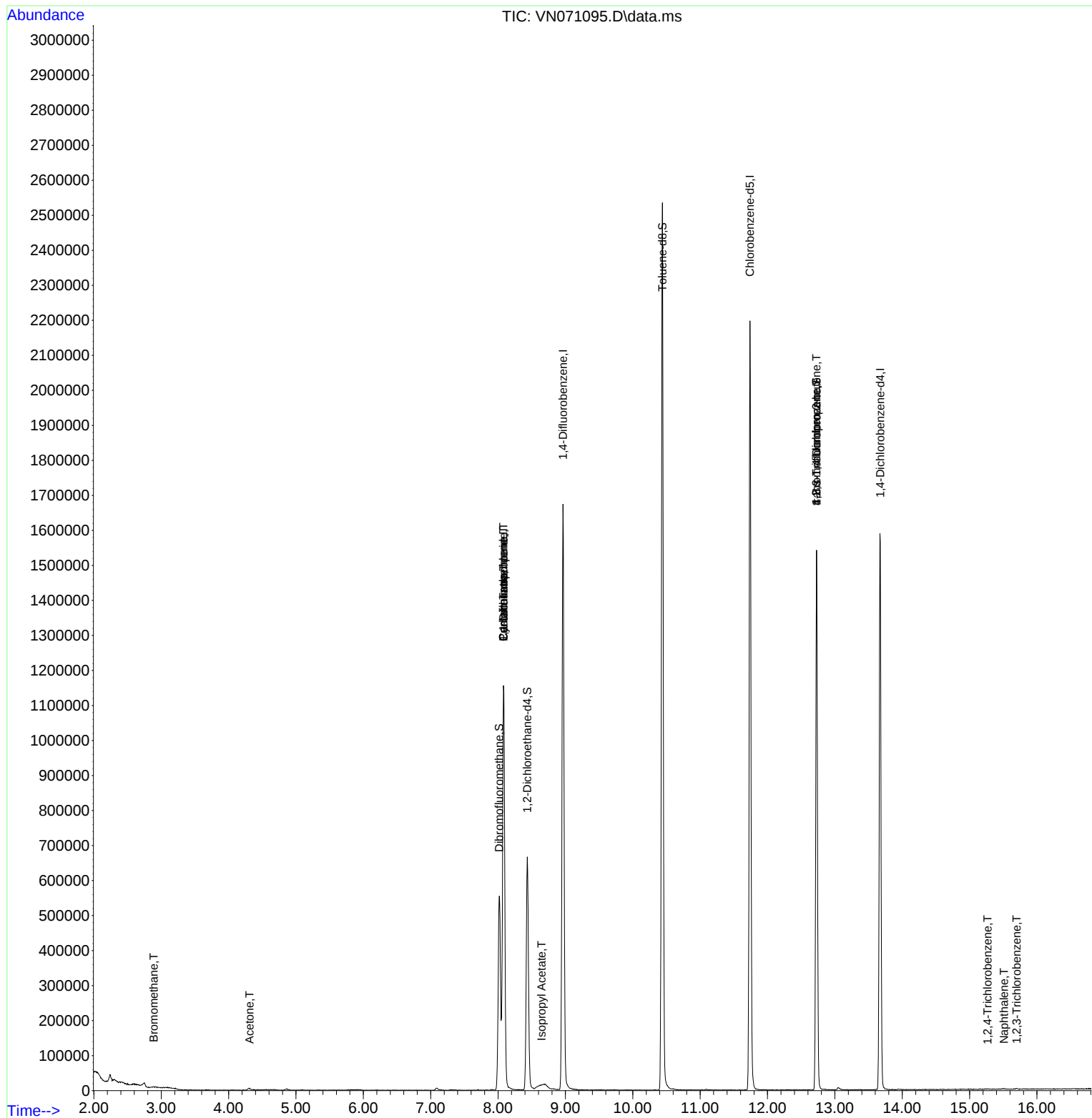
Internal Standards						
1) Pentafluorobenzene	8.081	168	921822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1473374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1293744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	461171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	552534	52.472	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 104.940%		
35) Dibromofluoromethane	8.016	113	422543	48.216	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 96.440%		
50) Toluene-d8	10.439	98	1766694	50.199	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 100.400%		
62) 4-Bromofluorobenzene	12.727	95	545798	43.387	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 86.780%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.887	94	1483	0.217	ug/l #	51
16) Acetone	4.310	43	5855	1.010	ug/l #	82
18) Methyl Acetate	4.869	43	6943	Below Cal	#	73
31) Cyclohexane	8.081	56	18383	1.009	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	68851	4.795	ug/l #	49
38) Carbon Tetrachloride	8.081	117	87729	6.201	ug/l #	16
43) Isopropyl Acetate	8.645	43	23597	0.972	ug/l #	55
76) 1,2,3-Trichloropropane	12.727	75	277058	25.516	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	277058	82.683	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.268	180	618	2.069	ug/l #	89
95) Naphthalene	15.509	128	2834	5.113	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.698	180	760	2.608	ug/l #	86

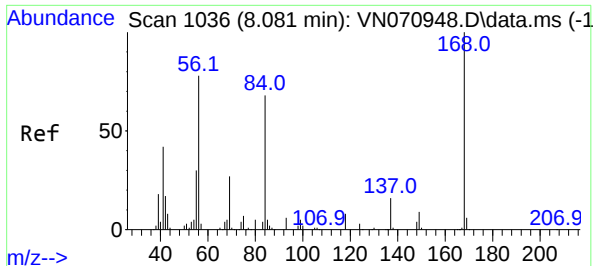
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
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QLast Update : Mon Feb 21 07:57:15 2022
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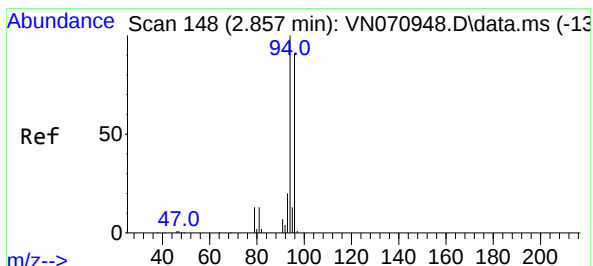
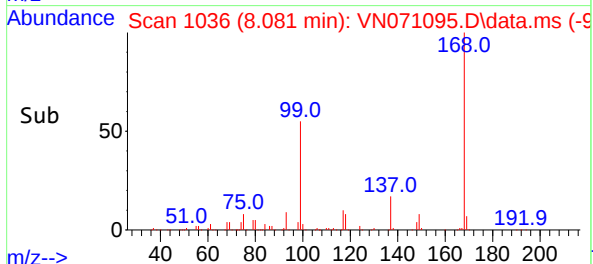
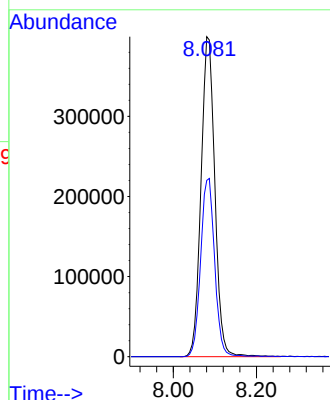
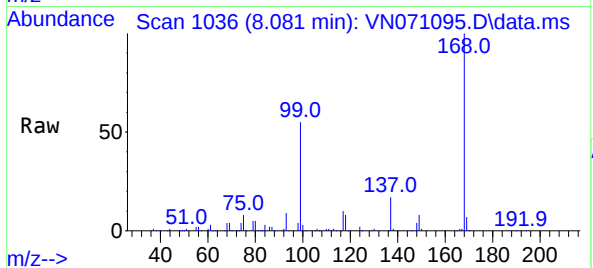




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071095.D
Acq: 28 Feb 2022 14:54

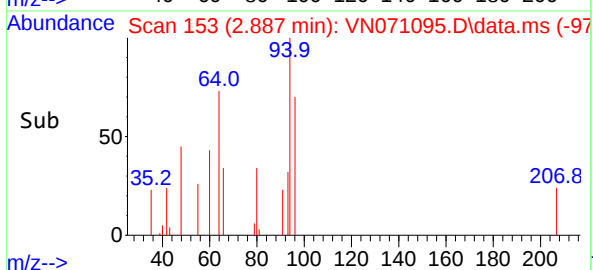
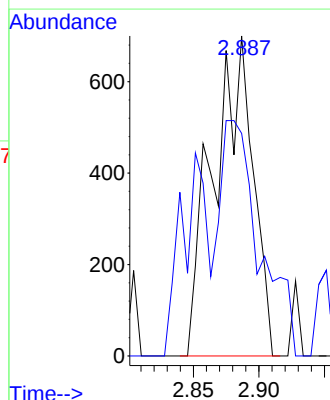
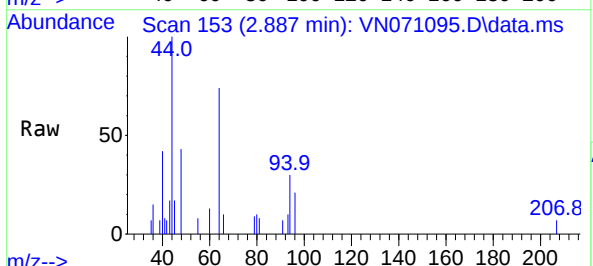
Instrument :
MSVOA_N
ClientSampleId :
IBLK

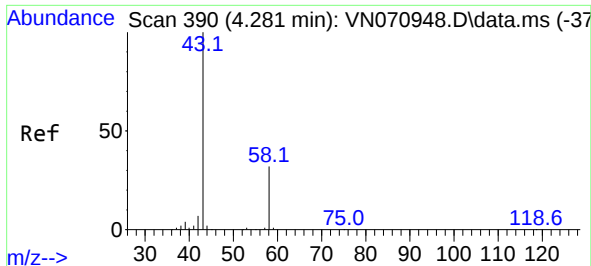
Tgt Ion:168 Resp: 921822
Ion Ratio Lower Upper
168 100
99 55.1 41.3 61.9



#5
Bromomethane
Concen: 0.217 ug/l
RT: 2.887 min Scan# 153
Delta R.T. 0.029 min
Lab File: VN071095.D
Acq: 28 Feb 2022 14:54

Tgt Ion: 94 Resp: 1483
Ion Ratio Lower Upper
94 100
96 45.0 73.8 110.8#

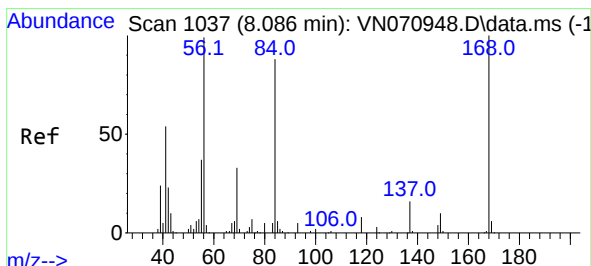
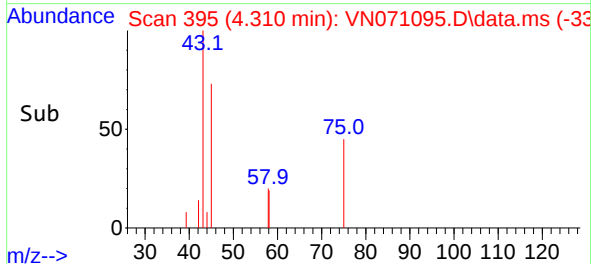
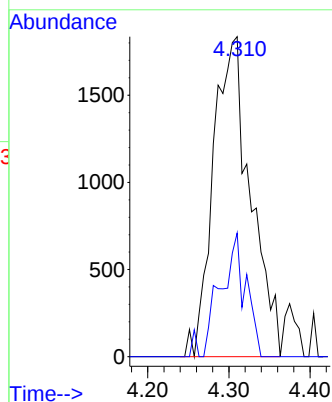
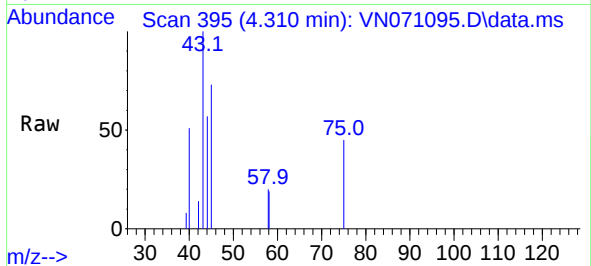




#16
Acetone
Concen: 1.010 ug/l
RT: 4.310 min Scan# 390
Delta R.T. 0.029 min
Lab File: VN071095.D
Acq: 28 Feb 2022 14:54

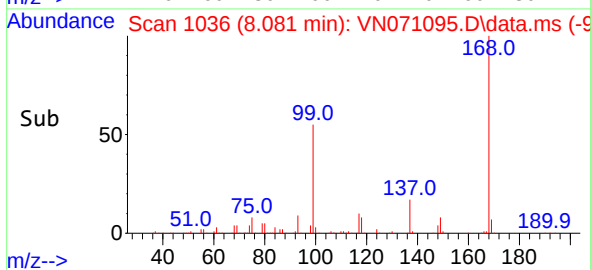
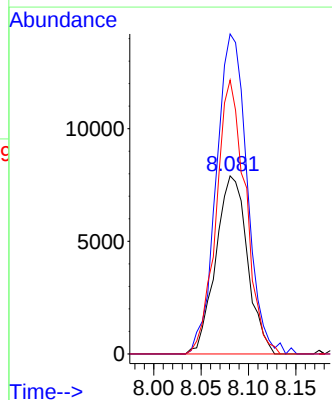
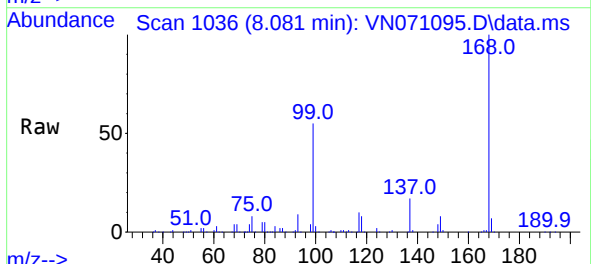
Instrument :
MSVOA_N
ClientSampleId :
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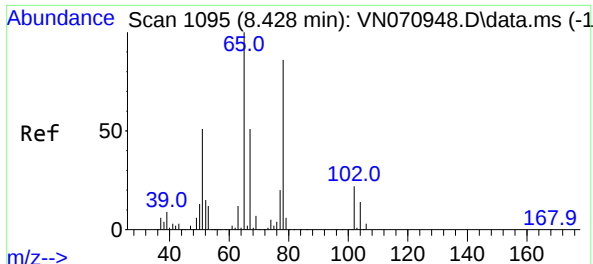
Tgt Ion: 43 Resp: 5855
Ion Ratio Lower Upper
43 100
58 38.7 23.1 34.7#



#31
Cyclohexane
Concen: 1.009 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VN071095.D
Acq: 28 Feb 2022 14:54

Tgt Ion: 56 Resp: 18383
Ion Ratio Lower Upper
56 100
69 179.7 27.1 40.7#
84 153.8 73.4 110.0#

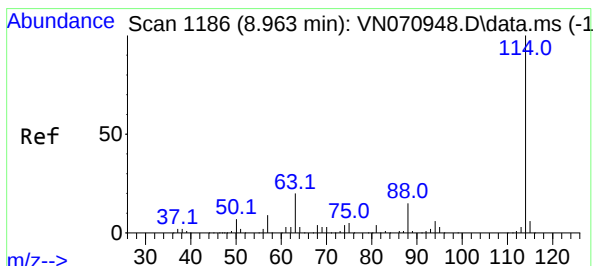
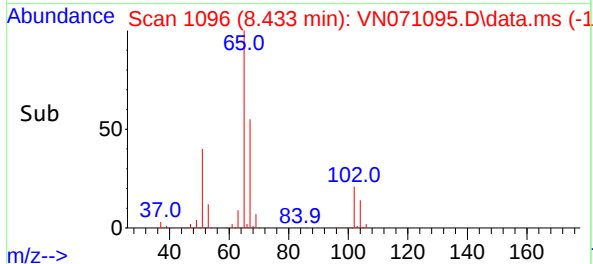
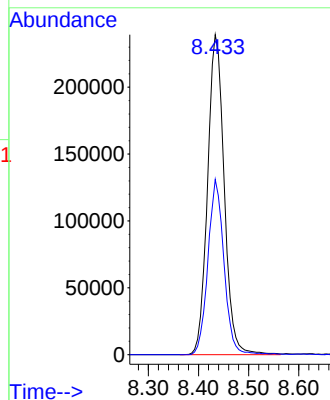
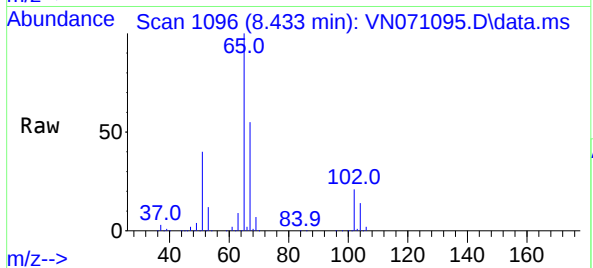




#33
1,2-Dichloroethane-d4
Concen: 52.472 ug/l
RT: 8.433 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071095.D
Acq: 28 Feb 2022 14:54

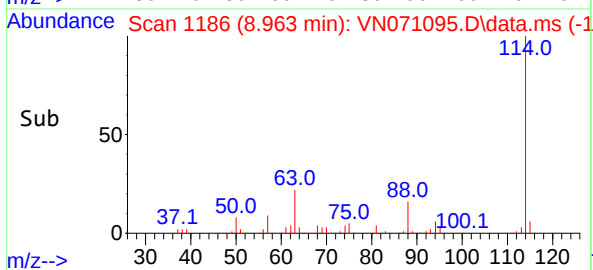
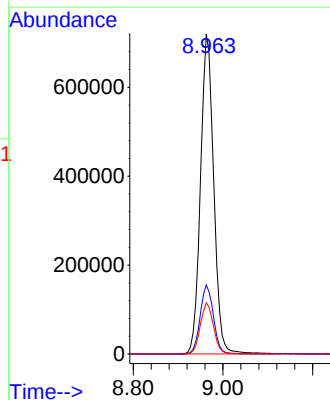
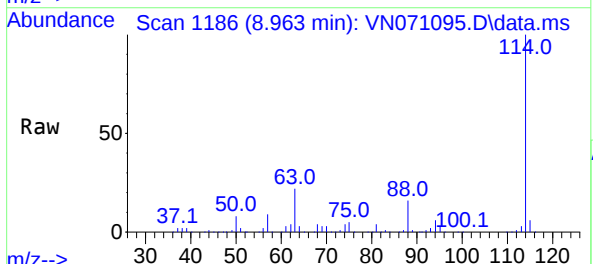
Instrument :
MSVOA_N
ClientSampleId :
IBLK

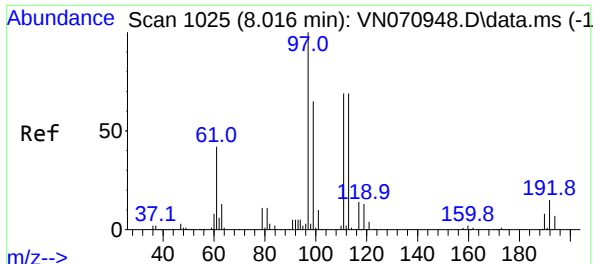
Tgt Ion: 65 Resp: 552534
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071095.D
Acq: 28 Feb 2022 14:54

Tgt Ion:114 Resp: 1473374
Ion Ratio Lower Upper
114 100
63 21.6 0.0 37.8
88 16.0 0.0 27.4

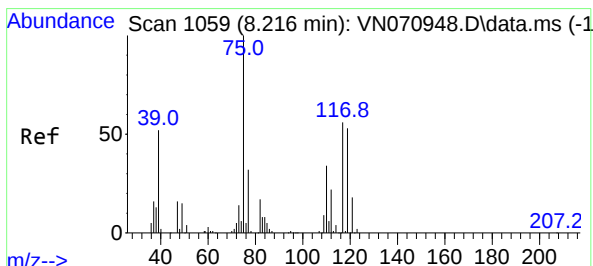
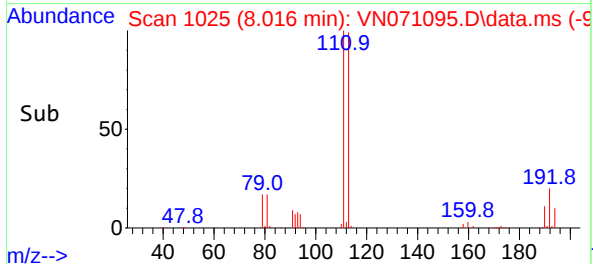
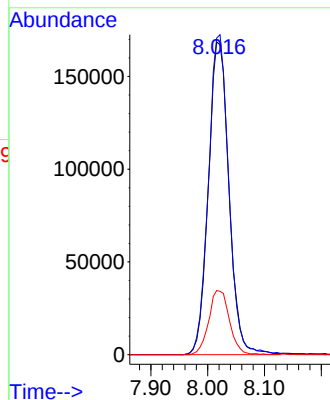
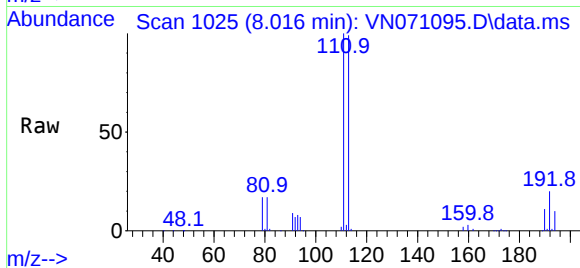




#35
Dibromofluoromethane
Concen: 48.216 ug/l
RT: 8.016 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VN071095.D
Acq: 28 Feb 2022 14:54

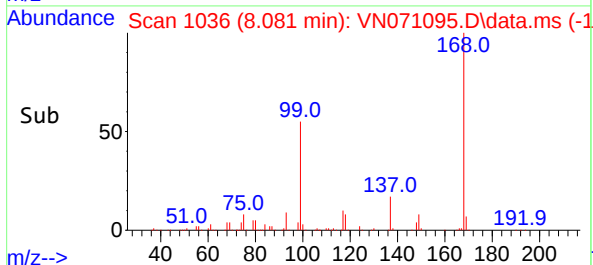
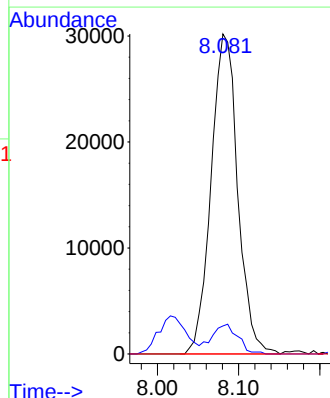
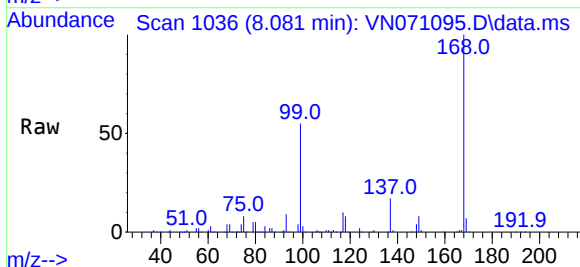
Instrument :
MSVOA_N
ClientSampleId :
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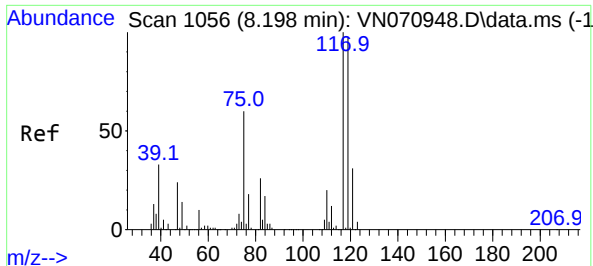
Tgt Ion:113 Resp: 422543
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 20.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.795 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071095.D
Acq: 28 Feb 2022 14:54

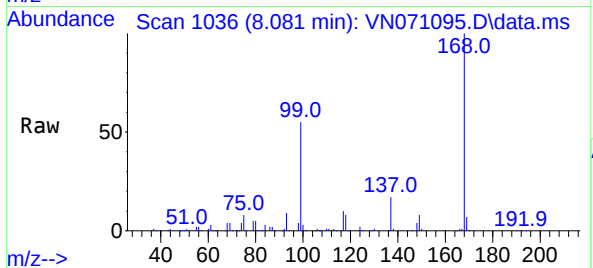
Tgt Ion: 75 Resp: 68851
Ion Ratio Lower Upper
75 100
110 9.2 18.4 55.2#
77 0.0 24.4 36.6#



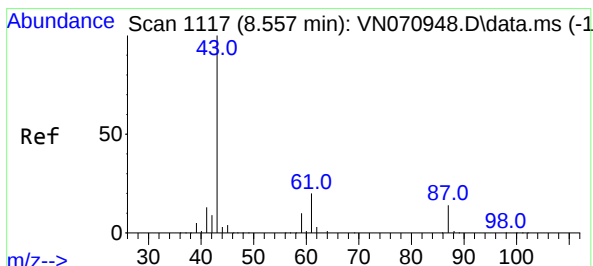
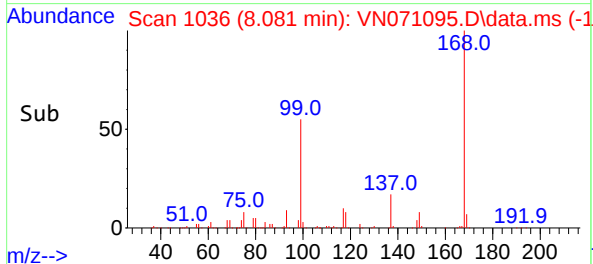
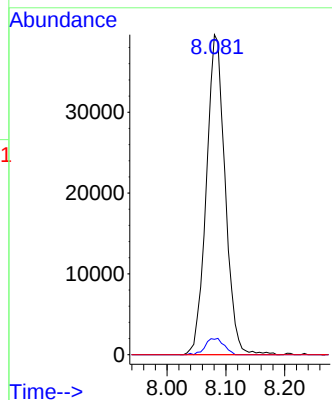


#38
Carbon Tetrachloride
Concen: 6.201 ug/l
RT: 8.081 min Scan# 1132
Delta R.T. -0.118 min
Lab File: VN071095.D
Acq: 28 Feb 2022 14:54

Instrument :
MSVOA_N
ClientSampleId :
IBLK

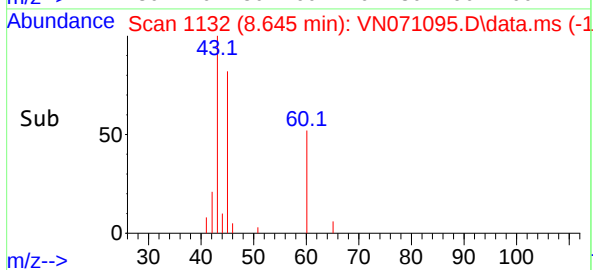
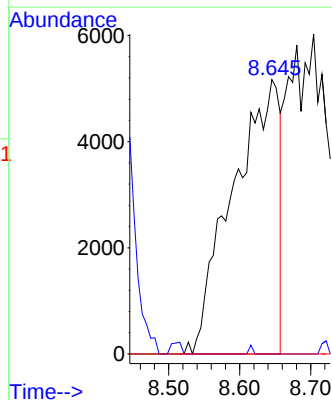
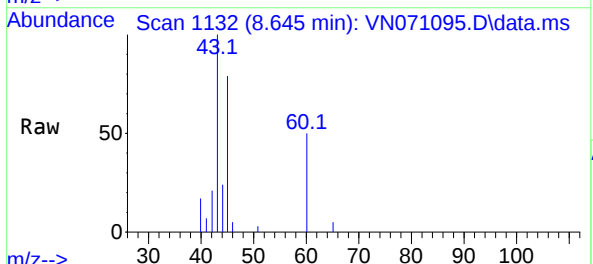


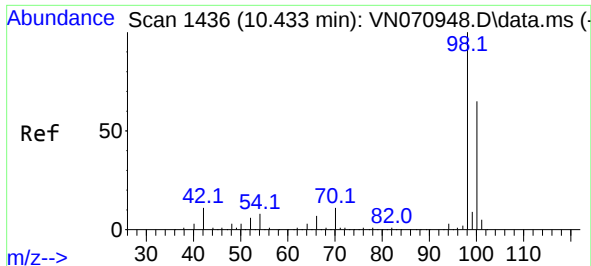
Tgt Ion:117 Resp: 87729
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.972 ug/l
RT: 8.645 min Scan# 1132
Delta R.T. 0.088 min
Lab File: VN071095.D
Acq: 28 Feb 2022 14:54

Tgt Ion: 43 Resp: 23597
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

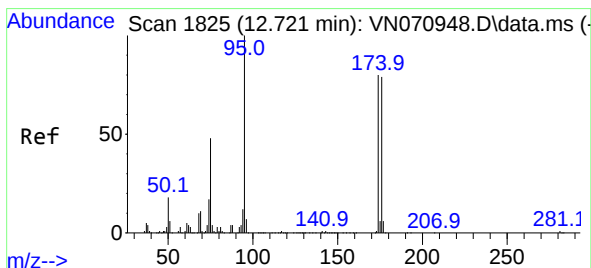
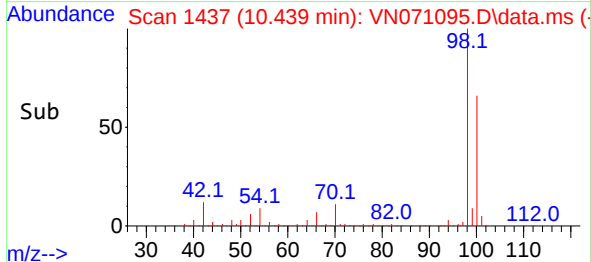
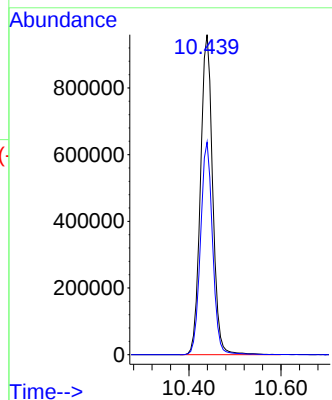
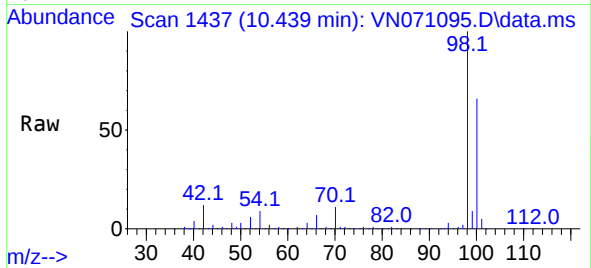




#50
Toluene-d8
Concen: 50.199 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071095.D
Acq: 28 Feb 2022 14:54

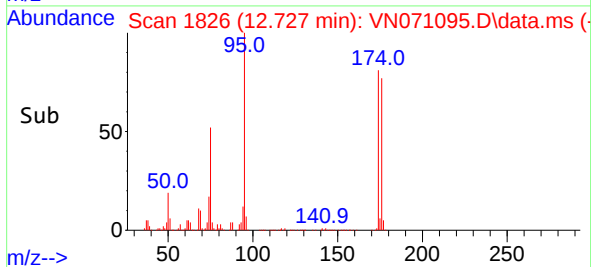
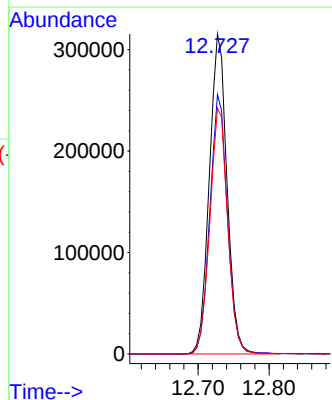
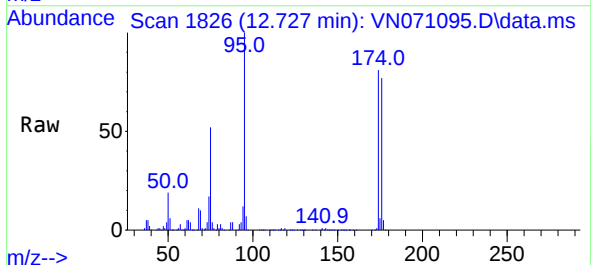
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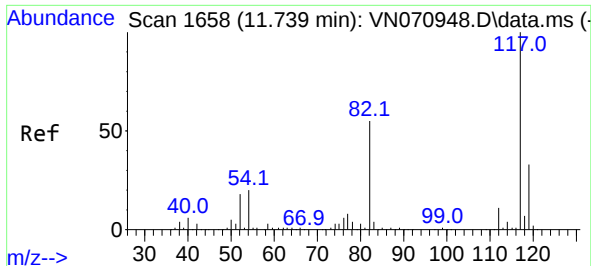
Tgt Ion: 98 Resp: 1766694
Ion Ratio Lower Upper
98 100
100 65.7 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 43.387 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071095.D
Acq: 28 Feb 2022 14:54

Tgt Ion: 95 Resp: 545798
Ion Ratio Lower Upper
95 100
174 80.8 0.0 187.2
176 77.3 0.0 181.4

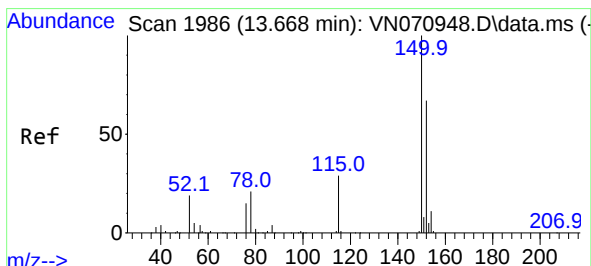
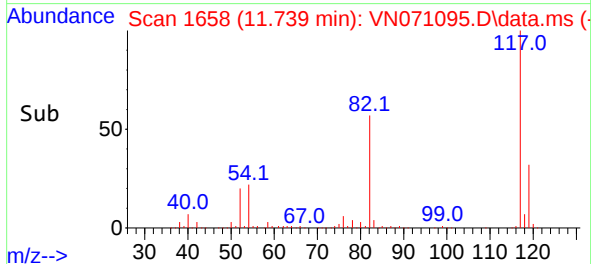
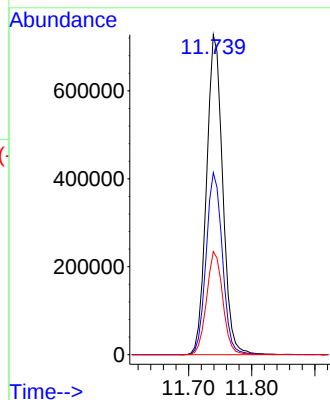
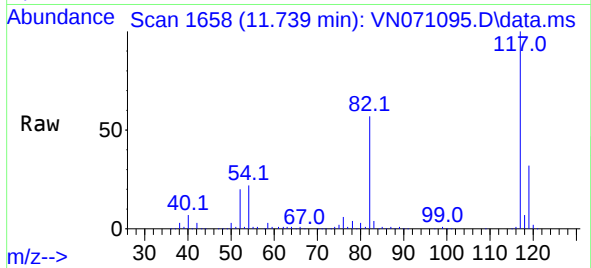




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071095.D
Acq: 28 Feb 2022 14:54

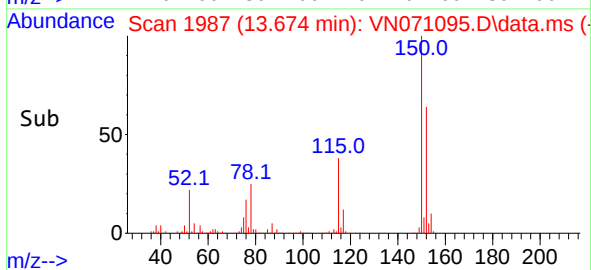
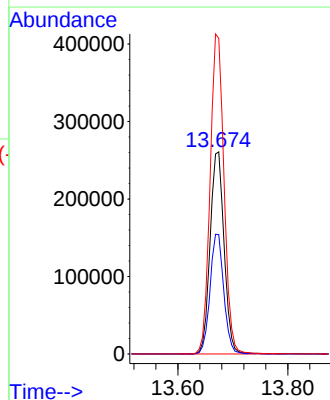
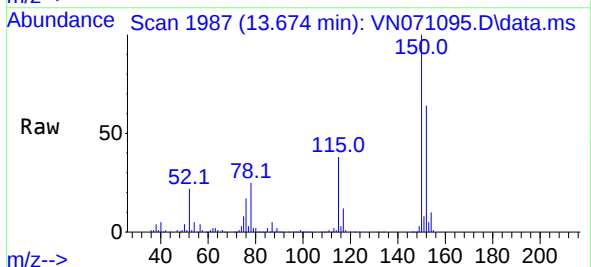
Instrument :
MSVOA_N
ClientSampleId :
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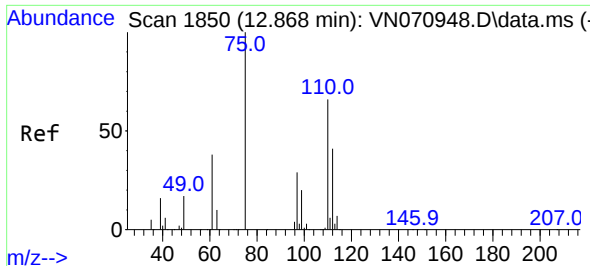
Tgt Ion:117 Resp: 1293744
Ion Ratio Lower Upper
117 100
82 56.9 42.4 63.6
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071095.D
Acq: 28 Feb 2022 14:54

Tgt Ion:152 Resp: 461171
Ion Ratio Lower Upper
152 100
115 58.0 27.5 82.5
150 157.2 0.0 344.4

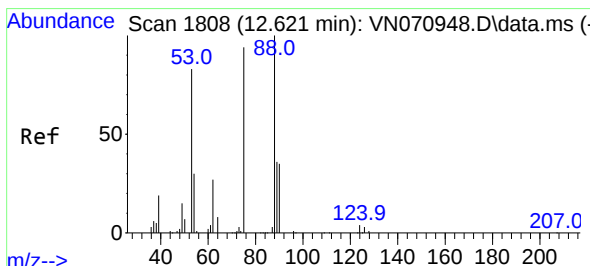
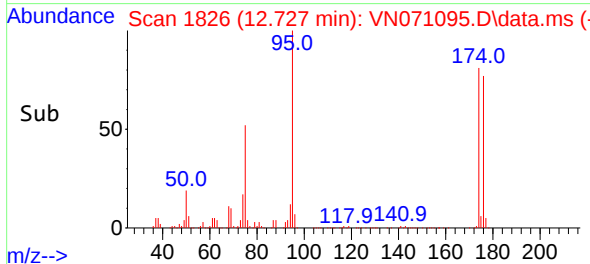
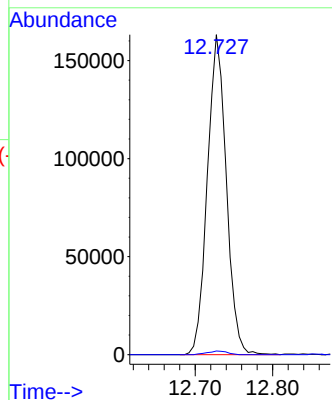
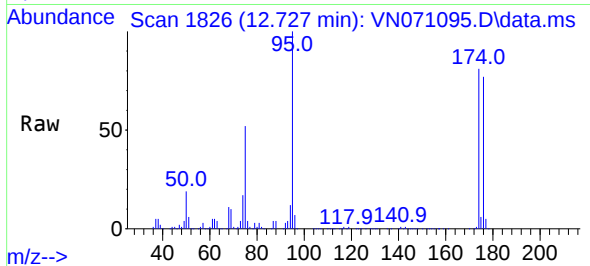




#76
1,2,3-Trichloropropane
Concen: 25.516 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN071095.D
Acq: 28 Feb 2022 14:54

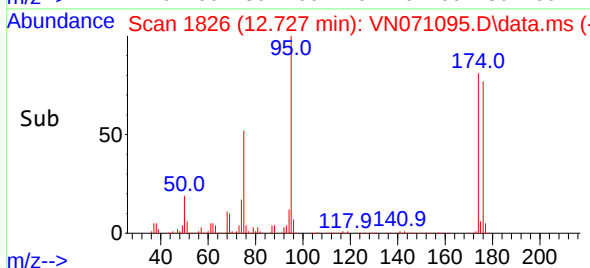
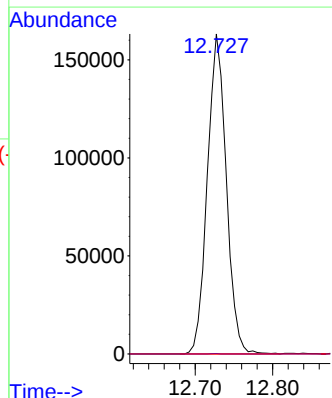
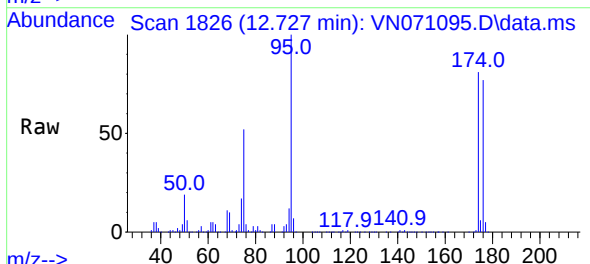
Instrument :
MSVOA_N
ClientSampleId :
IBLK

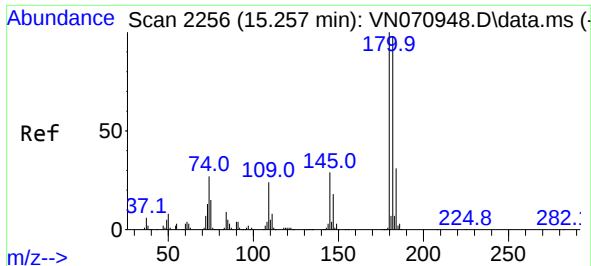
Tgt Ion: 75 Resp: 277058
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.683 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071095.D
Acq: 28 Feb 2022 14:54

Tgt Ion: 75 Resp: 277058
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

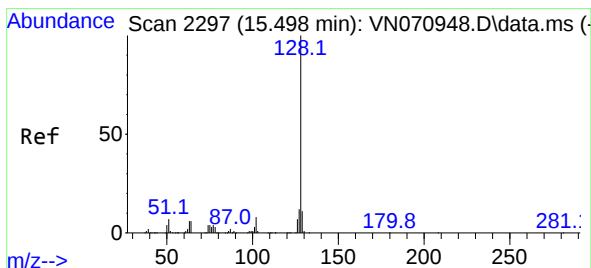
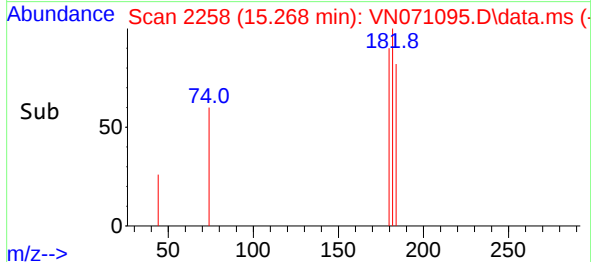
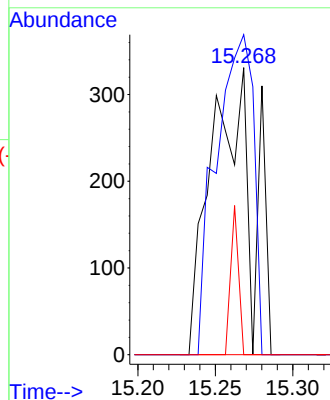
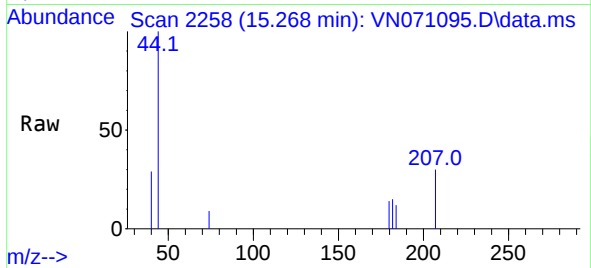




#93
1,2,4-Trichlorobenzene
Concen: 2.069 ug/l
RT: 15.268 min Scan# 21
Delta R.T. 0.011 min
Lab File: VN071095.D
Acq: 28 Feb 2022 14:54

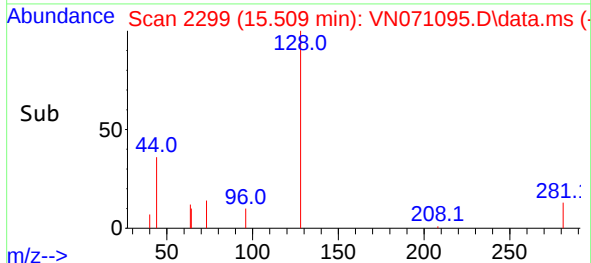
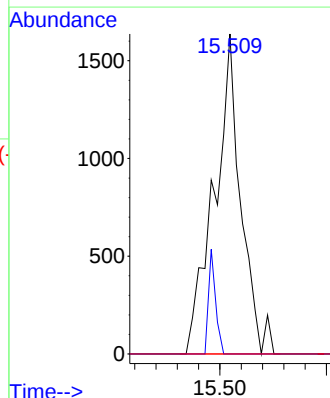
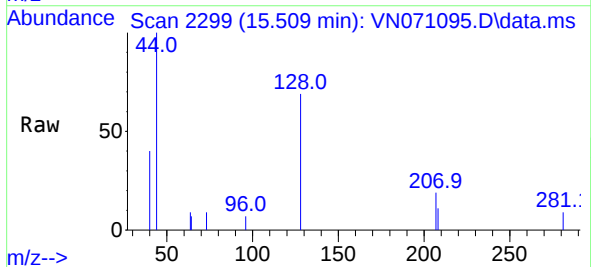
Instrument :
MSVOA_N
ClientSampleId :
IBLK

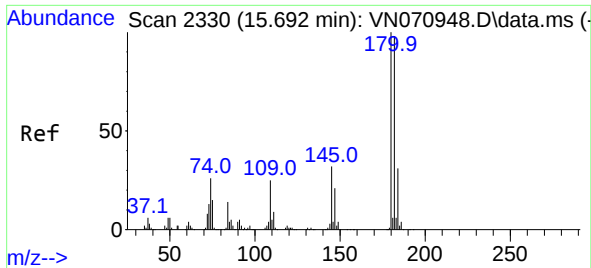
Tgt Ion:180 Resp: 618
Ion Ratio Lower Upper
180 100
182 100.0 48.3 144.9
145 9.9 14.5 43.5#



#95
Naphthalene
Concen: 5.113 ug/l
RT: 15.509 min Scan# 2299
Delta R.T. 0.011 min
Lab File: VN071095.D
Acq: 28 Feb 2022 14:54

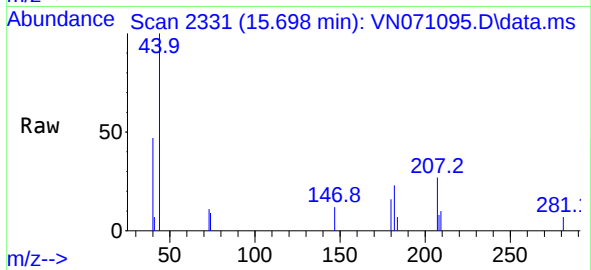
Tgt Ion:128 Resp: 2834
Ion Ratio Lower Upper
128 100
127 8.7 10.5 15.7#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.608 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN071095.D
 Acq: 28 Feb 2022 14:54

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	760
Ion	Ratio	Lower	Upper
180	100		
182	88.4	47.4	142.2
145	9.3	15.0	45.1#

