

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071695.D
 Acq On : 31 Mar 2022 06:33
 Operator : JC\MD
 Sample : N2167-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RAIL-PILE-1

Quant Time: Mar 31 07:48:43 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)

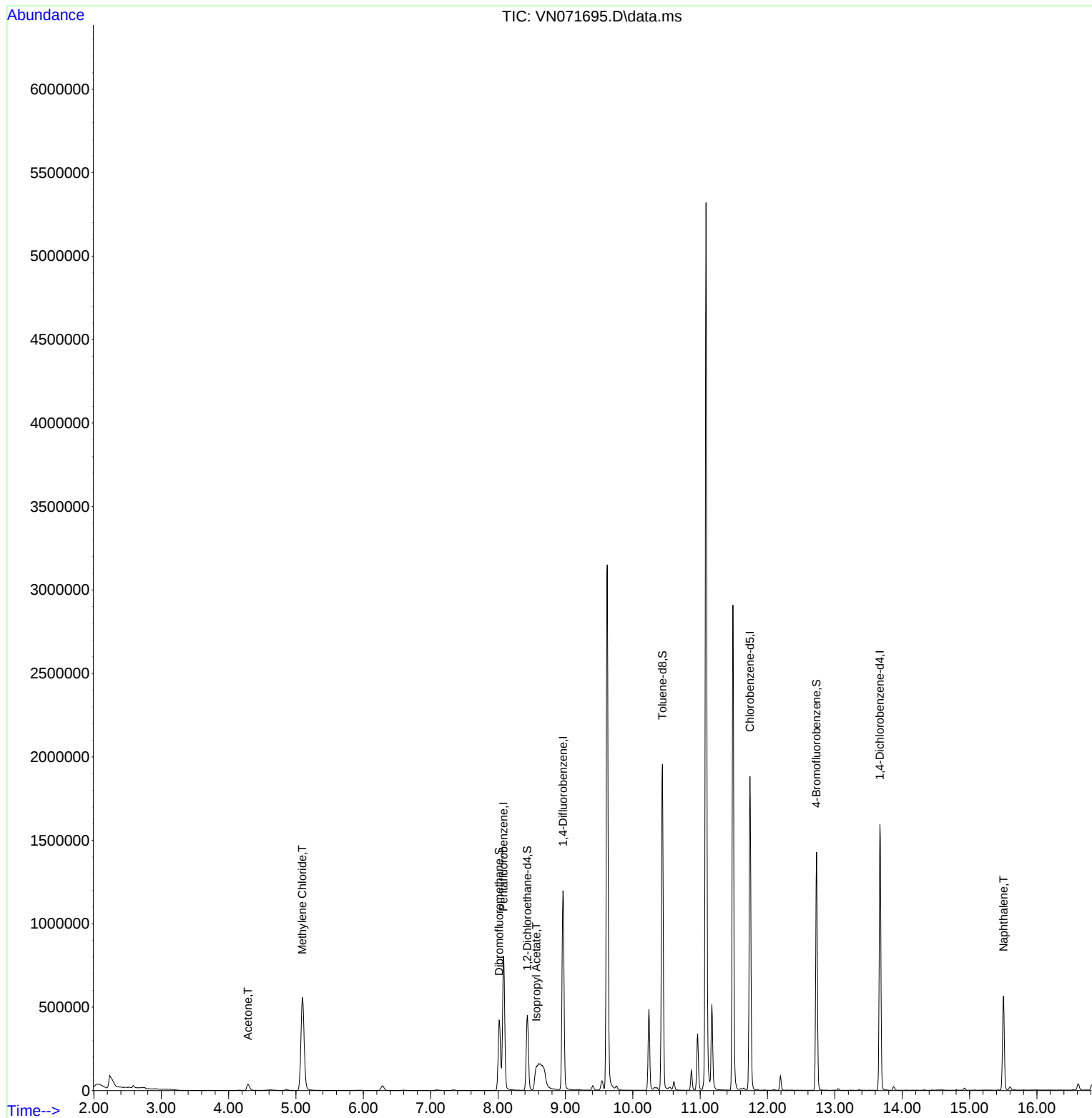
Internal Standards						
1) Pentafluorobenzene	8.081	168	651813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1114016	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1158821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	465708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	375173	50.418	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.840%	
35) Dibromofluoromethane	8.016	113	319993	48.814	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.620%	
50) Toluene-d8	10.439	98	1419049	52.917	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.840%	
62) 4-Bromofluorobenzene	12.727	95	502439	57.932	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 115.860%	
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	72087	22.668	ug/l	93
20) Methylene Chloride	5.093	84	493165	73.575	ug/l	99
43) Isopropyl Acetate	8.569	43	152112	9.127	ug/l #	69
95) Naphthalene	15.504	128	531839	26.974	ug/l	99

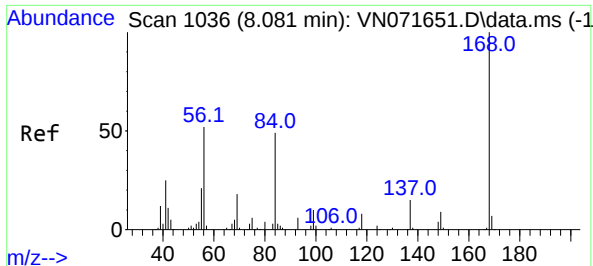
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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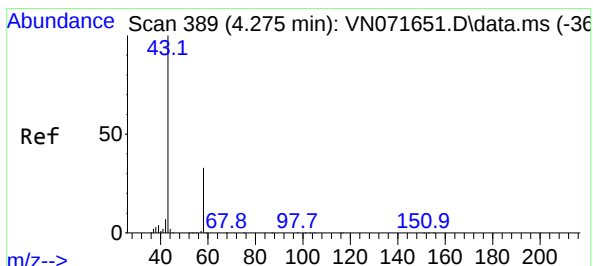
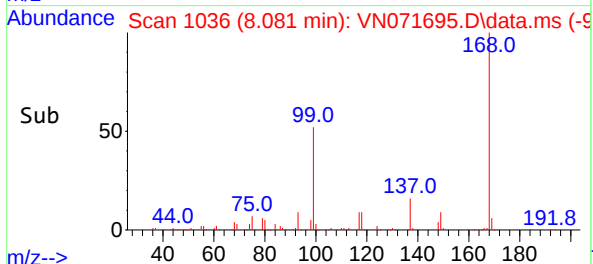
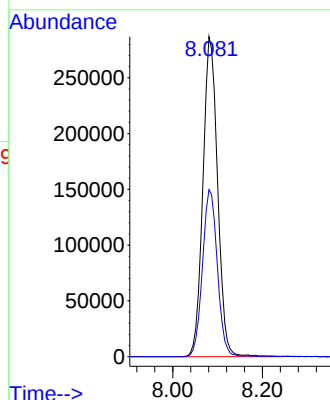
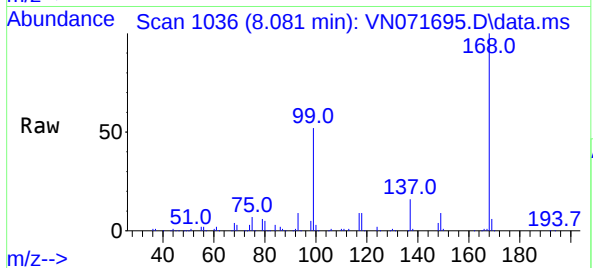




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071695.D
Acq: 31 Mar 2022 06:33

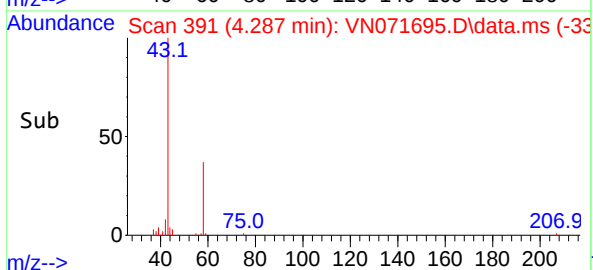
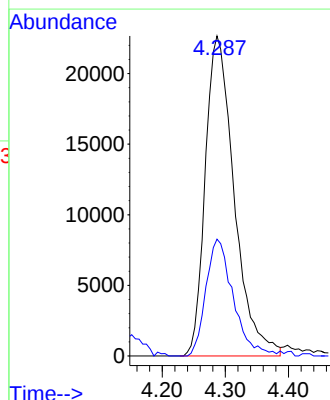
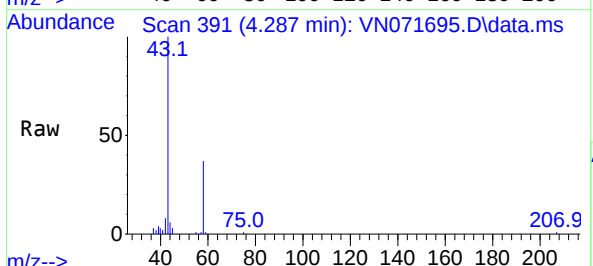
Instrument :
MSVOA_N
ClientSampleId :
RAIL-PILE-1

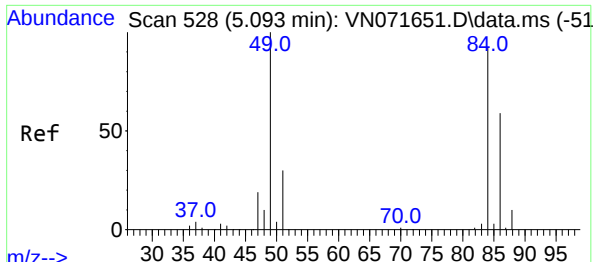
Tgt Ion:168 Resp: 651813
Ion Ratio Lower Upper
168 100
99 52.2 42.3 63.5



#16
Acetone
Concen: 22.668 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071695.D
Acq: 31 Mar 2022 06:33

Tgt Ion: 43 Resp: 72087
Ion Ratio Lower Upper
43 100
58 36.5 26.0 39.0



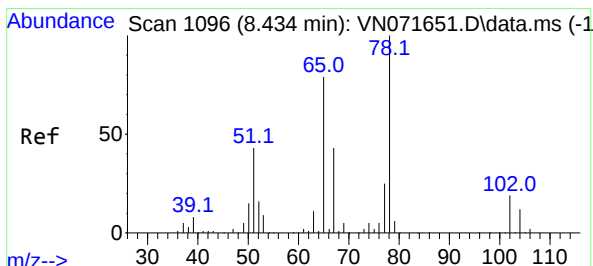
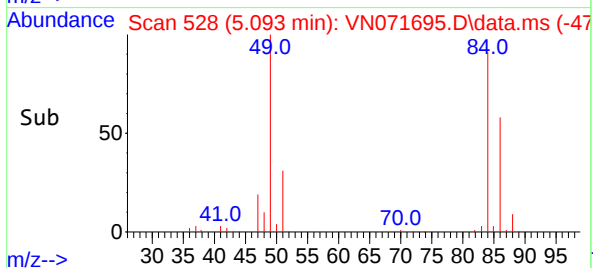
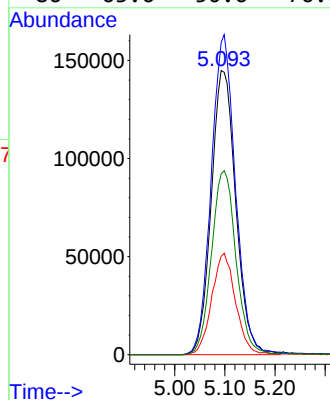
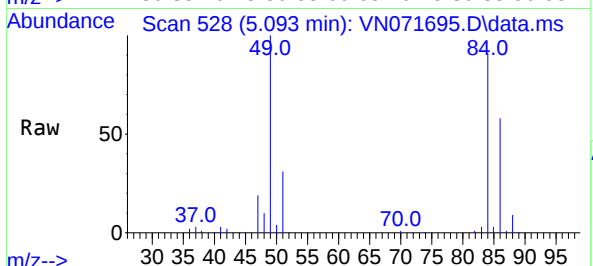


#20
Methylene Chloride
Concen: 73.575 ug/l
RT: 5.093 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071695.D
Acq: 31 Mar 2022 06:33

Instrument :
MSVOA_N
ClientSampleId :
RAIL-PILE-1

Tgt Ion: 84 Resp: 493165

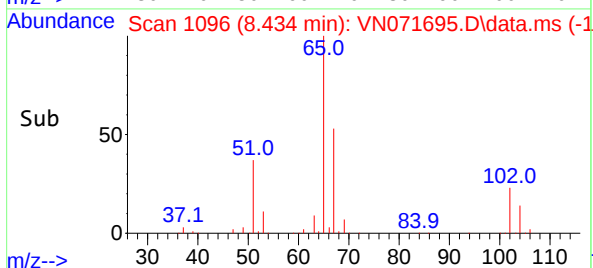
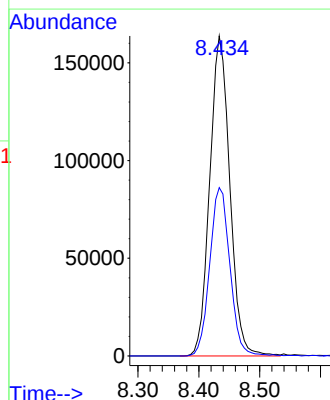
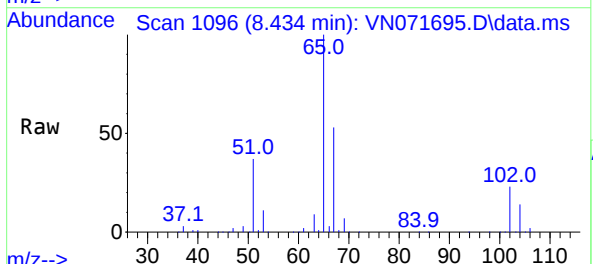
Ion	Ratio	Lower	Upper
84	100		
49	109.8	88.3	132.5
51	34.6	28.2	42.2
86	63.6	50.6	76.0

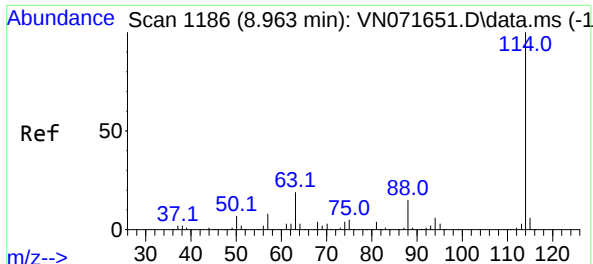


#33
1,2-Dichloroethane-d4
Concen: 50.418 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071695.D
Acq: 31 Mar 2022 06:33

Tgt Ion: 65 Resp: 375173

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	104.8

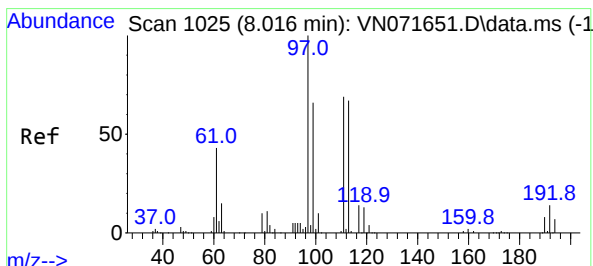
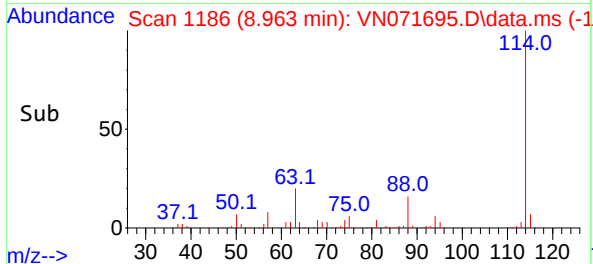
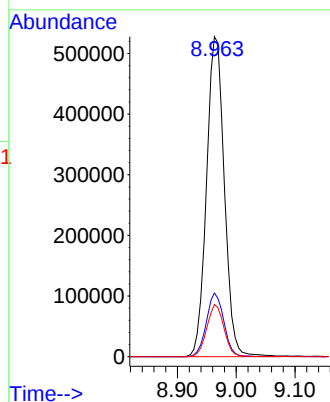
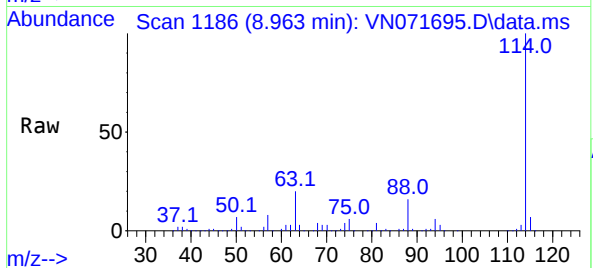




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071695.D
Acq: 31 Mar 2022 06:33

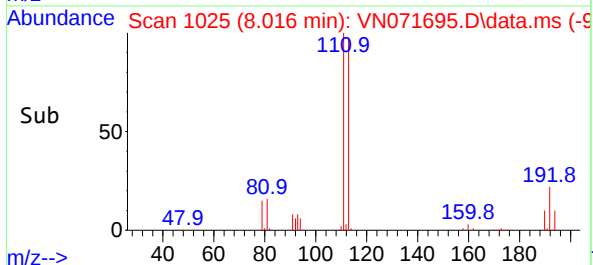
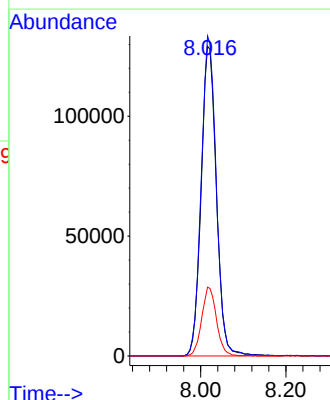
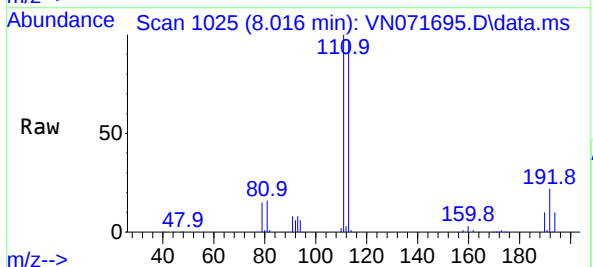
Instrument :
MSVOA_N
ClientSampleId :
RAIL-PILE-1

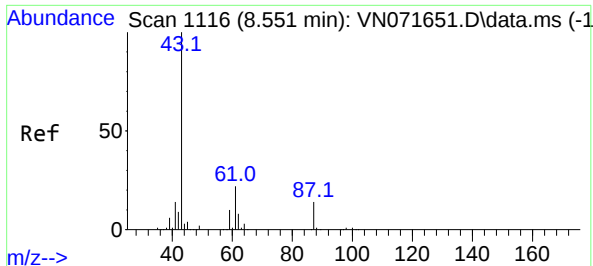
Tgt Ion:114 Resp: 1114016
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.0
88 16.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.814 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071695.D
Acq: 31 Mar 2022 06:33

Tgt Ion:113 Resp: 319993
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 21.6 17.0 25.6

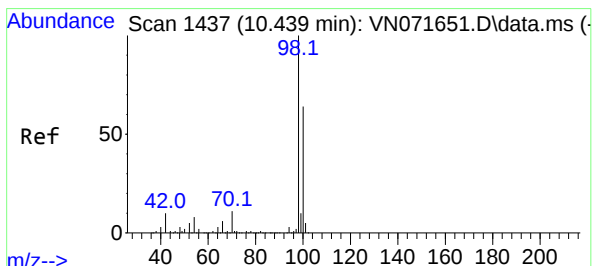
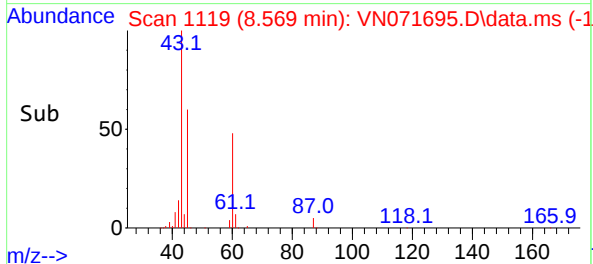
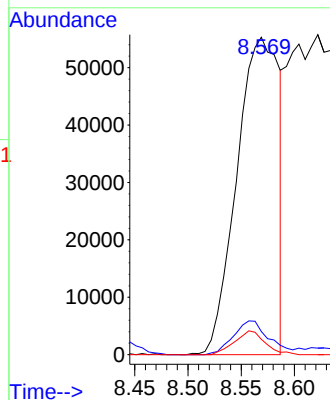
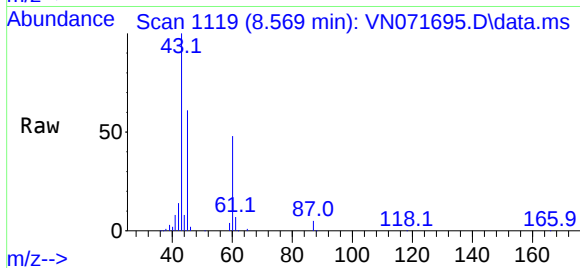




#43
Isopropyl Acetate
Concen: 9.127 ug/l
RT: 8.569 min Scan# 1116
Delta R.T. 0.018 min
Lab File: VN071695.D
Acq: 31 Mar 2022 06:33

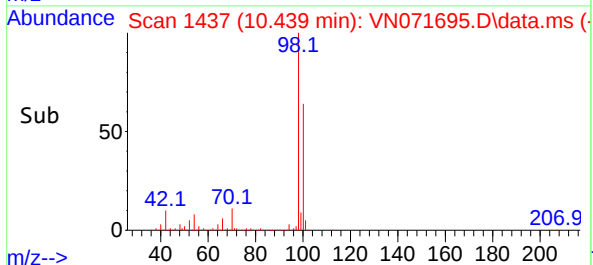
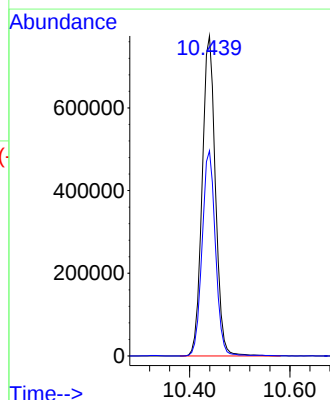
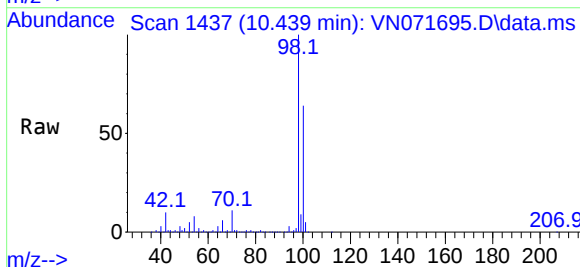
Instrument :
MSVOA_N
ClientSampleId :
RAIL-PILE-1

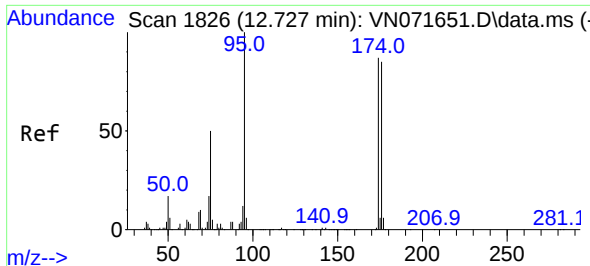
Tgt Ion: 43 Resp: 152112
Ion Ratio Lower Upper
43 100
61 9.0 21.9 32.9#
87 5.4 12.0 18.0#



#50
Toluene-d8
Concen: 52.917 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071695.D
Acq: 31 Mar 2022 06:33

Tgt Ion: 98 Resp: 1419049
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

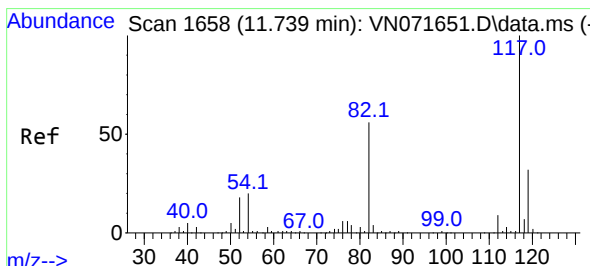
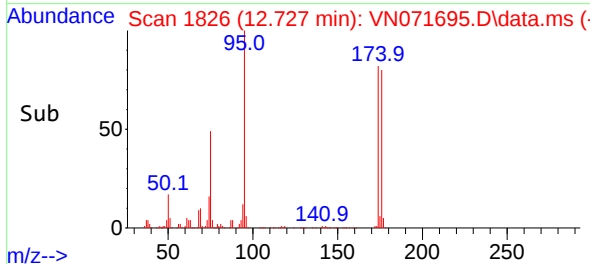
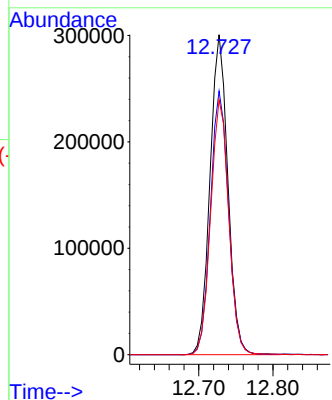
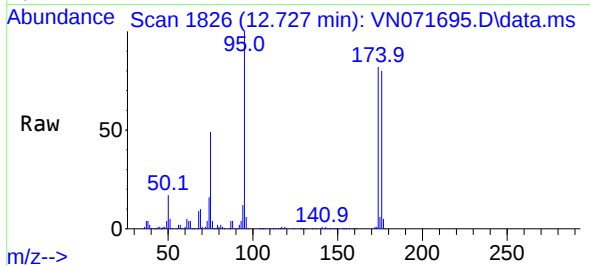




#62
4-Bromofluorobenzene
Concen: 57.932 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071695.D
Acq: 31 Mar 2022 06:33

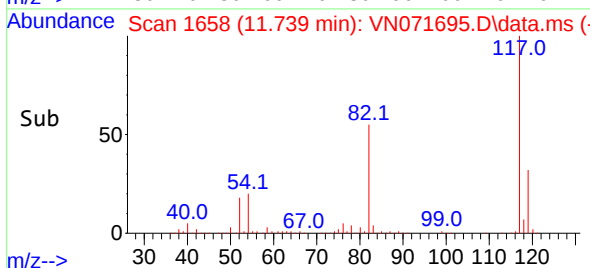
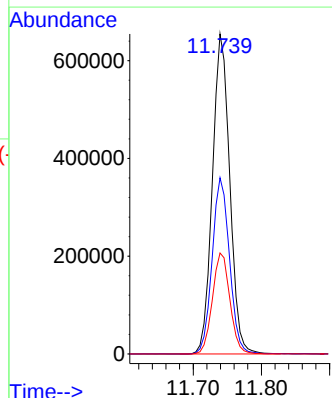
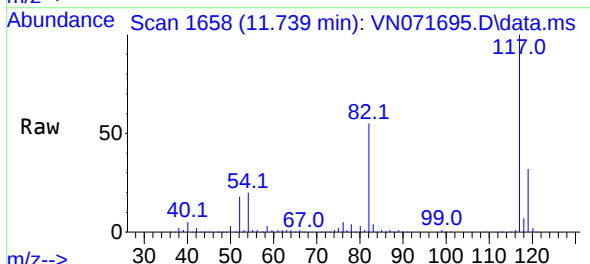
Instrument :
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ClientSampleId :
RAIL-PILE-1

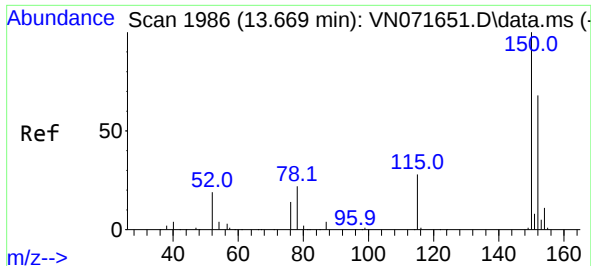
Tgt Ion: 95 Resp: 502439
Ion Ratio Lower Upper
95 100
174 83.7 0.0 167.6
176 80.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071695.D
Acq: 31 Mar 2022 06:33

Tgt Ion: 117 Resp: 1158821
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 31.6 25.4 38.0

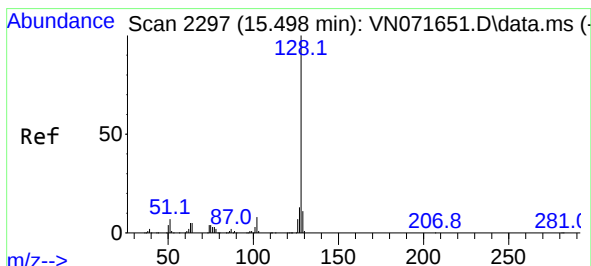
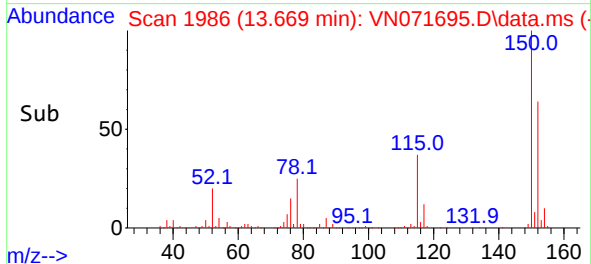
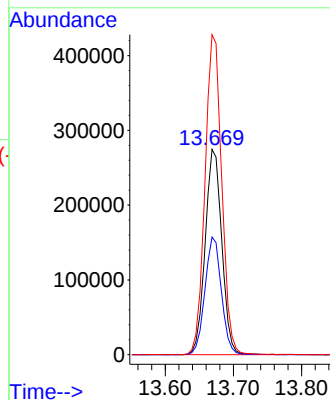
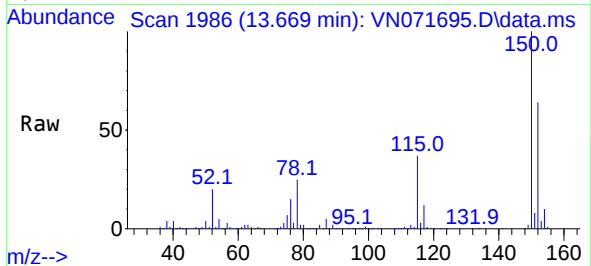




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071695.D
Acq: 31 Mar 2022 06:33

Instrument :
MSVOA_N
ClientSampleId :
RAIL-PILE-1

Tgt Ion:152 Resp: 465708
Ion Ratio Lower Upper
152 100
115 56.8 28.9 86.7
150 156.6 0.0 356.2



#95
Naphthalene
Concen: 26.974 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071695.D
Acq: 31 Mar 2022 06:33

Tgt Ion:128 Resp: 531839
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.6 8.6 13.0

