

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071696.D
 Acq On : 31 Mar 2022 06:57
 Operator : JC\MD
 Sample : N2167-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RAIL-PILE-2

Quant Time: Mar 31 07:48:56 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)

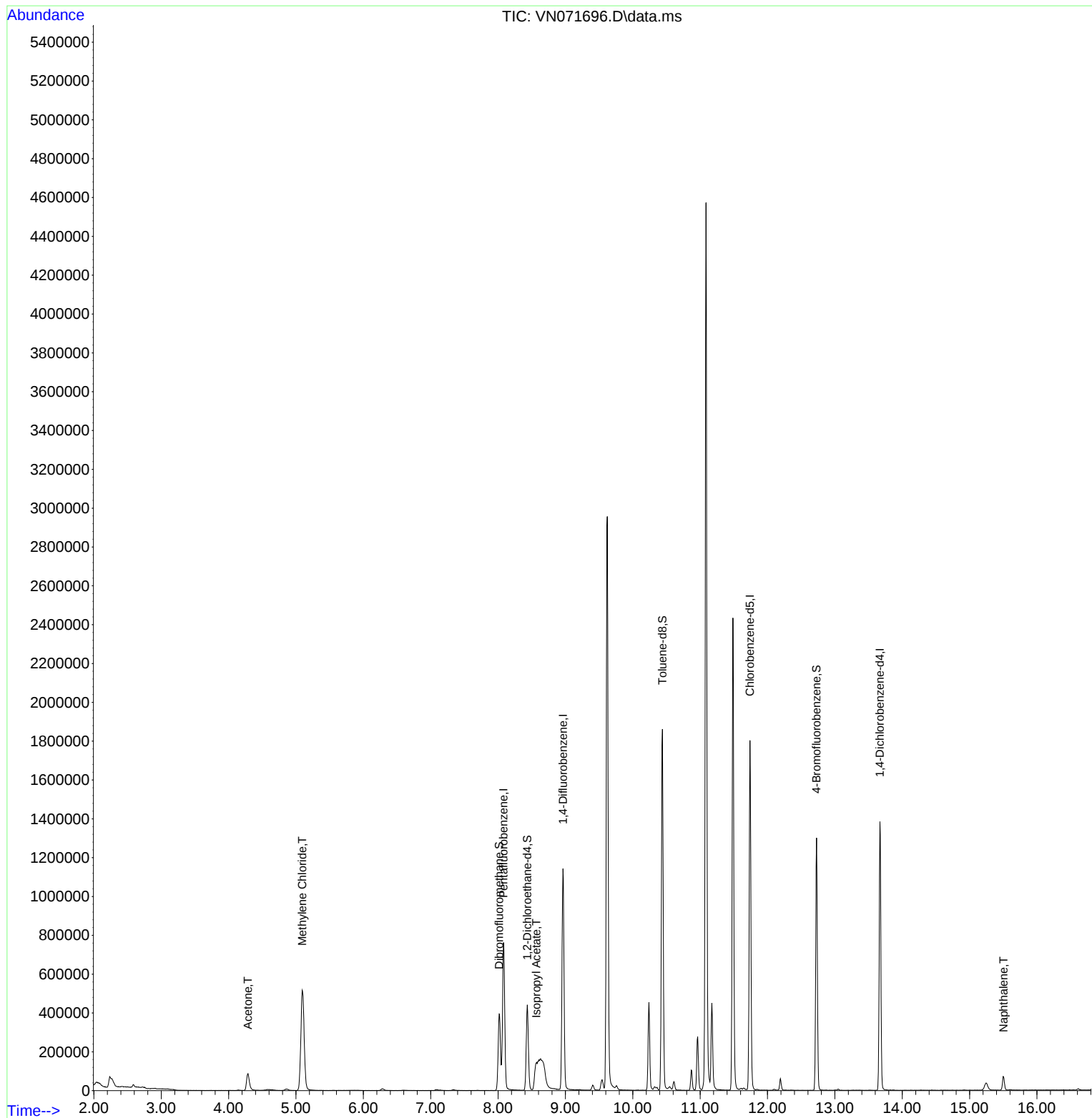
Internal Standards						
1) Pentafluorobenzene	8.081	168	618206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1058569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1077376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	402323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	356737	50.547	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.100%
35) Dibromofluoromethane	8.016	113	300550	48.250	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.500%
50) Toluene-d8	10.439	98	1340354	52.601	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.200%
62) 4-Bromofluorobenzene	12.727	95	458216	55.601	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.200%
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	166976	55.361	ug/l	96
20) Methylene Chloride	5.093	84	468849	73.750	ug/l	98
43) Isopropyl Acetate	8.569	43	159323	10.061	ug/l #	68
95) Naphthalene	15.504	128	71733	7.420	ug/l	99

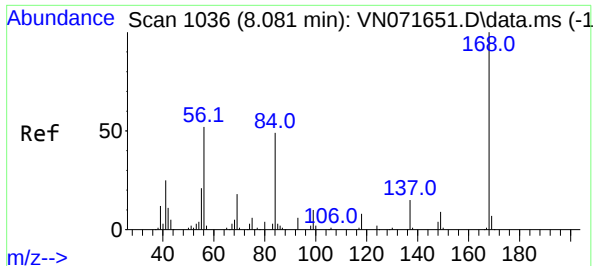
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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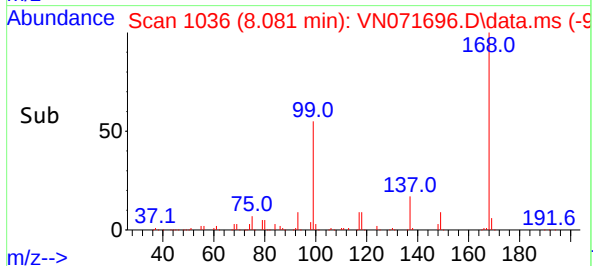
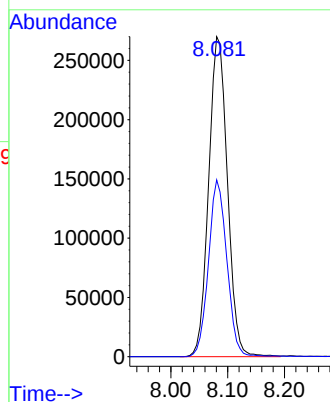
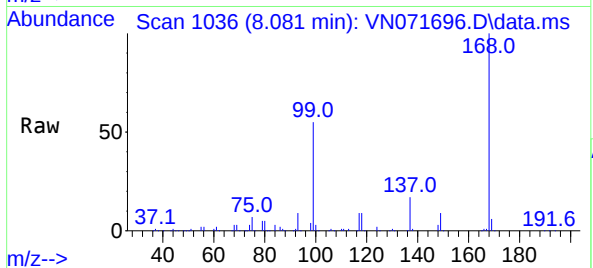




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071696.D
Acq: 31 Mar 2022 06:57

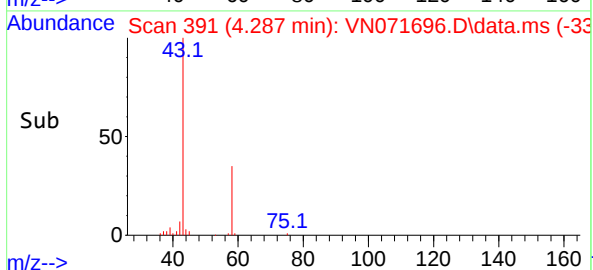
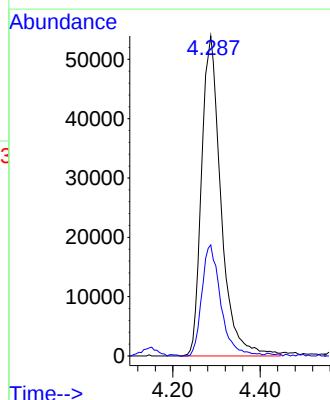
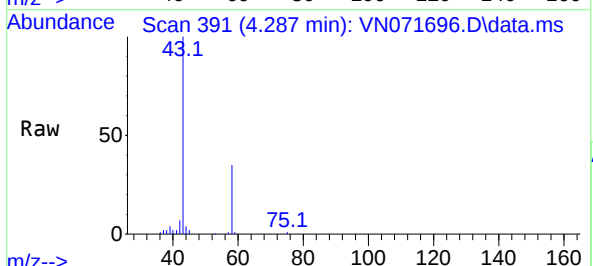
Instrument :
MSVOA_N
ClientSampleId :
RAIL-PILE-2

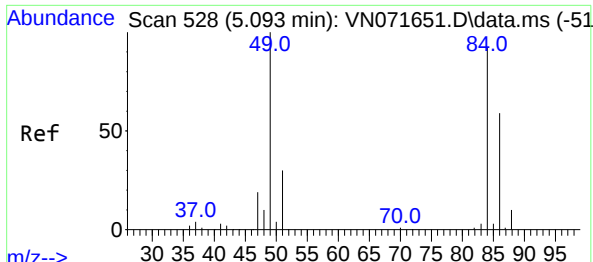
Tgt Ion:168 Resp: 618206
Ion Ratio Lower Upper
168 100
99 55.3 42.3 63.5



#16
Acetone
Concen: 55.361 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071696.D
Acq: 31 Mar 2022 06:57

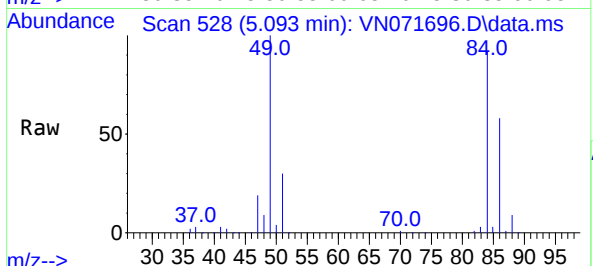
Tgt Ion: 43 Resp: 166976
Ion Ratio Lower Upper
43 100
58 34.7 26.0 39.0





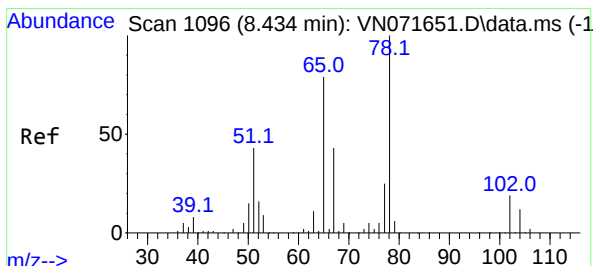
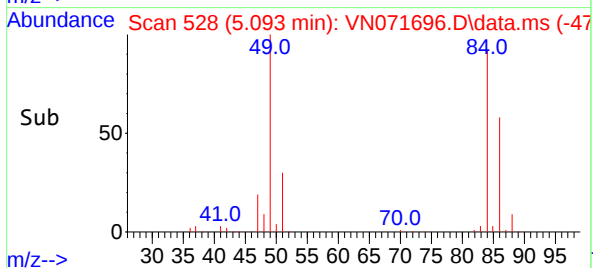
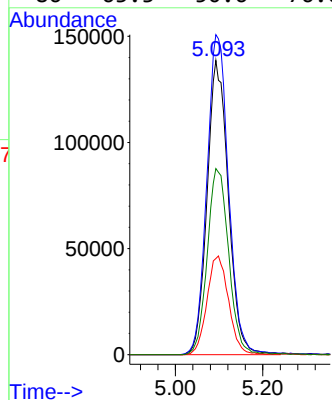
#20
Methylene Chloride
Concen: 73.750 ug/l
RT: 5.093 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071696.D
Acq: 31 Mar 2022 06:57

Instrument :
MSVOA_N
ClientSampleId :
RAIL-PILE-2



Tgt Ion: 84 Resp: 468849

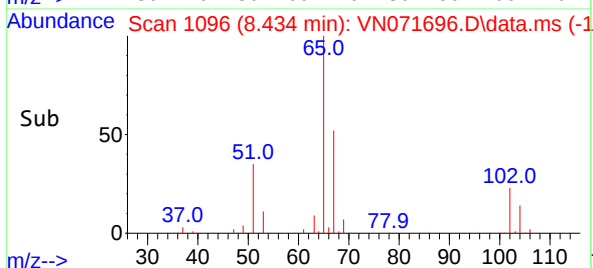
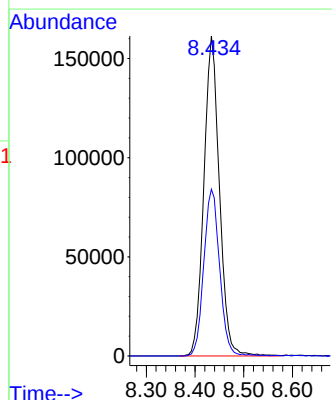
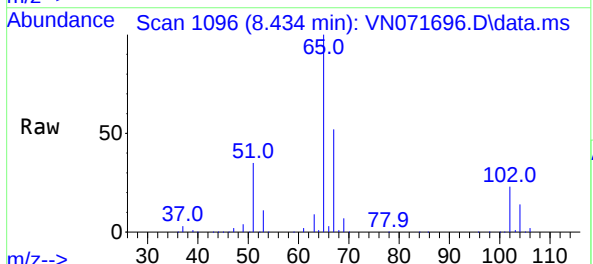
Ion	Ratio	Lower	Upper
84	100		
49	108.8	88.3	132.5
51	32.7	28.2	42.2
86	63.3	50.6	76.0

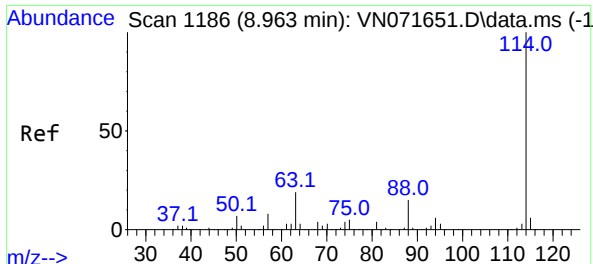


#33
1,2-Dichloroethane-d4
Concen: 50.547 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071696.D
Acq: 31 Mar 2022 06:57

Tgt Ion: 65 Resp: 356737

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	104.8

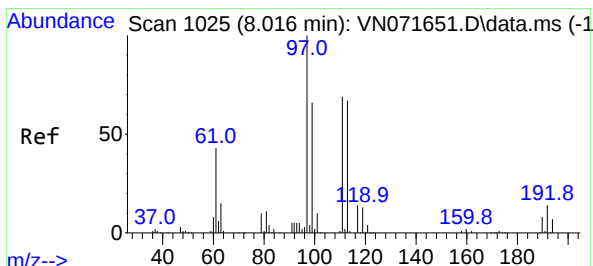
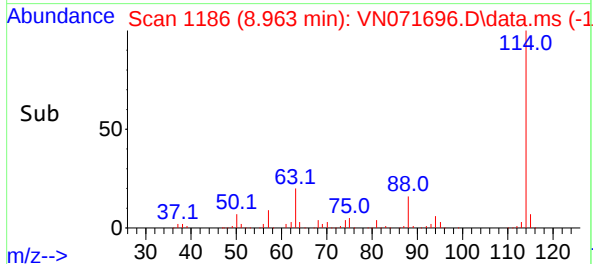
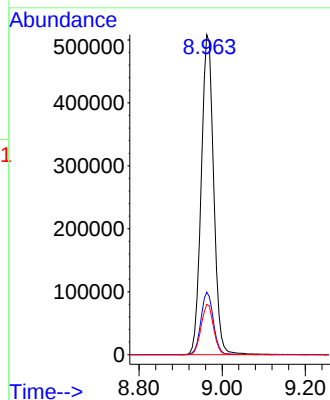
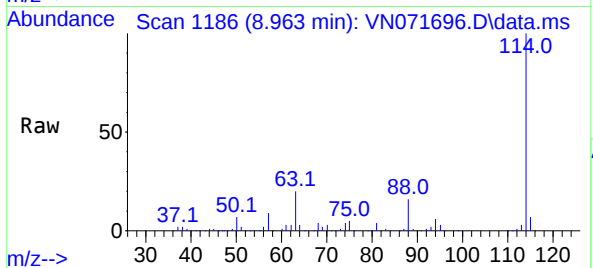




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071696.D
Acq: 31 Mar 2022 06:57

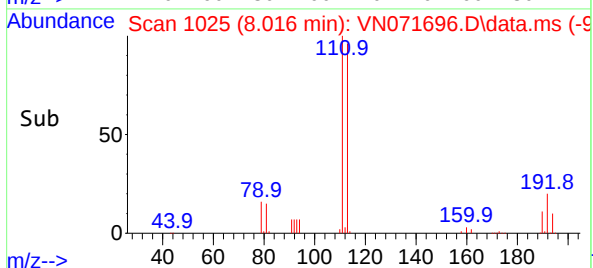
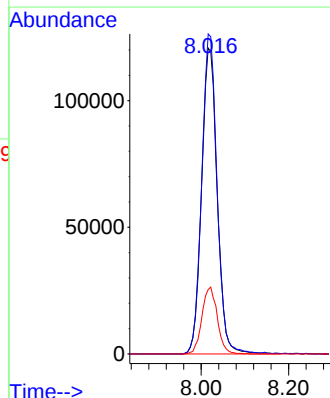
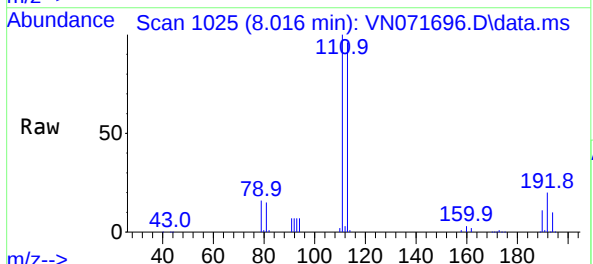
Instrument :
MSVOA_N
ClientSampleId :
RAIL-PILE-2

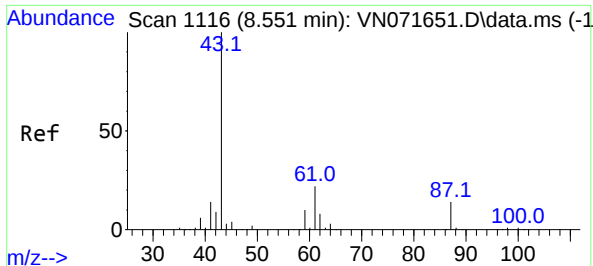
Tgt Ion:114 Resp: 1058569
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.0
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.250 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071696.D
Acq: 31 Mar 2022 06:57

Tgt Ion:113 Resp: 300550
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 21.4 17.0 25.6





#43

Isopropyl Acetate

Concen: 10.061 ug/l

RT: 8.569 min Scan# 1116

Delta R.T. 0.018 min

Lab File: VN071696.D

Acq: 31 Mar 2022 06:57

Instrument :

MSVOA_N

ClientSampleId :

RAIL-PILE-2

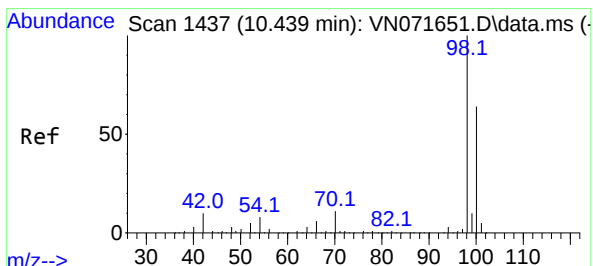
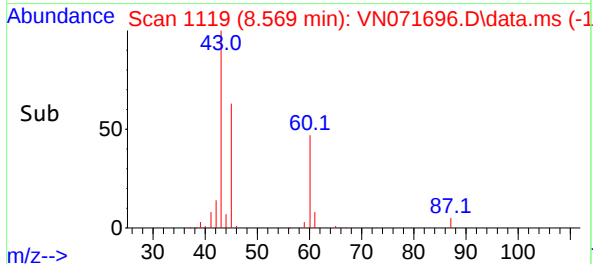
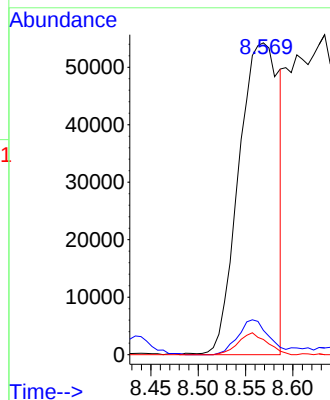
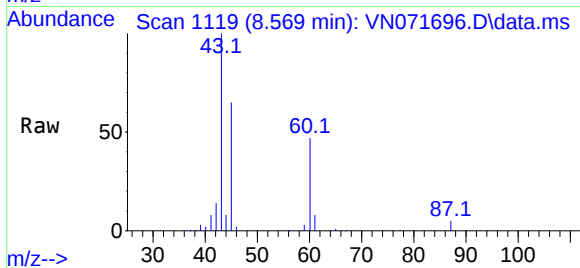
Tgt Ion: 43 Resp: 159323

Ion Ratio Lower Upper

43 100

61 8.6 21.9 32.9#

87 5.1 12.0 18.0#



#50

Toluene-d8

Concen: 52.601 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN071696.D

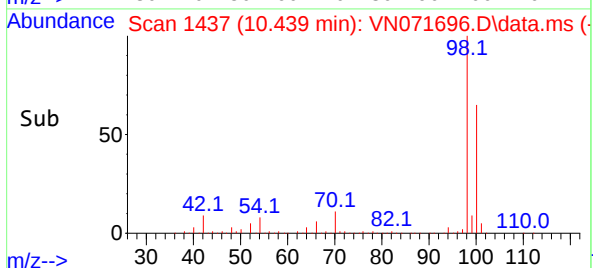
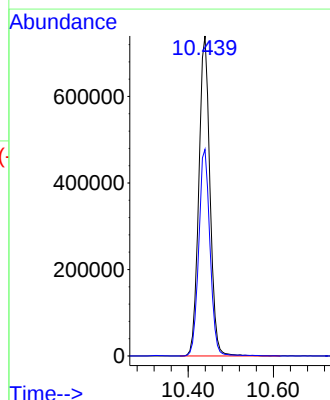
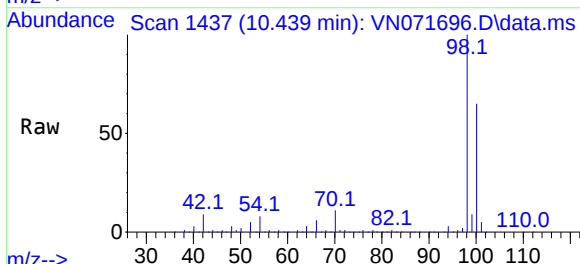
Acq: 31 Mar 2022 06:57

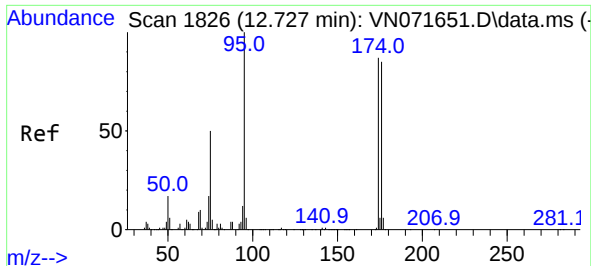
Tgt Ion: 98 Resp: 1340354

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8

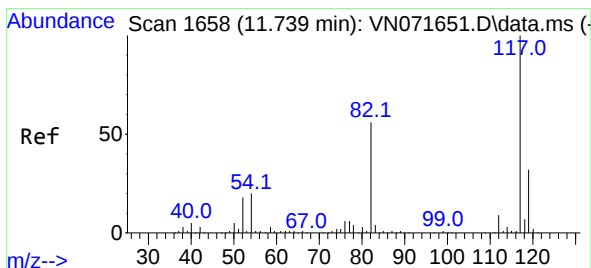
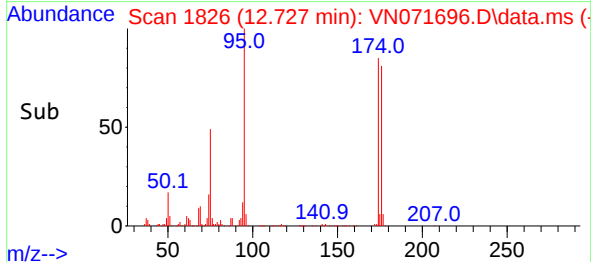
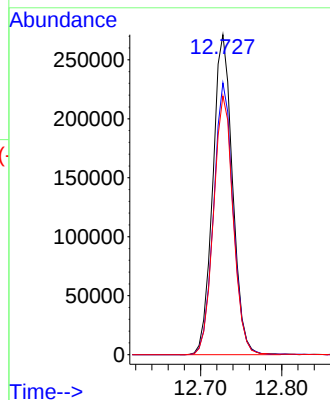
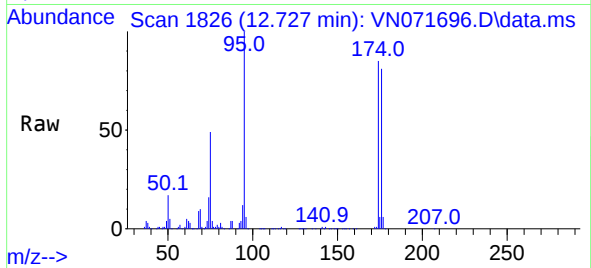




#62
4-Bromofluorobenzene
Concen: 55.601 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071696.D
Acq: 31 Mar 2022 06:57

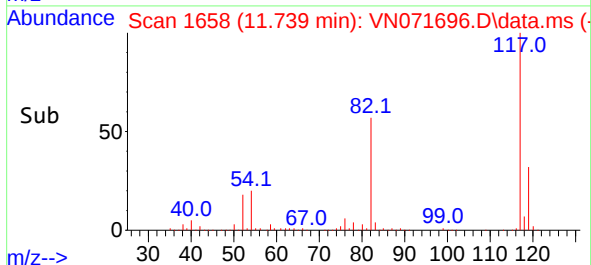
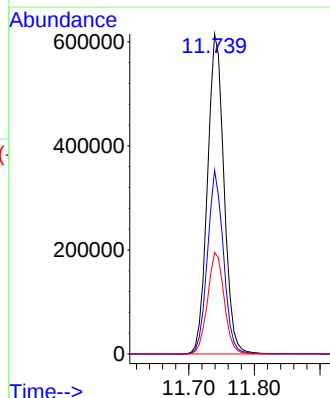
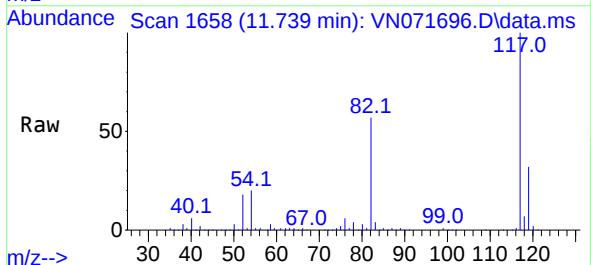
Instrument :
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RAIL-PILE-2

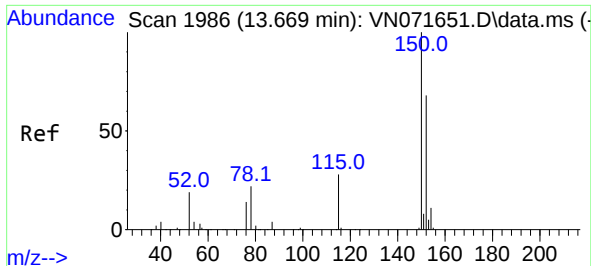
Tgt Ion: 95 Resp: 458216
Ion Ratio Lower Upper
95 100
174 83.7 0.0 167.6
176 80.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071696.D
Acq: 31 Mar 2022 06:57

Tgt Ion: 117 Resp: 1077376
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.2
119 31.7 25.4 38.0

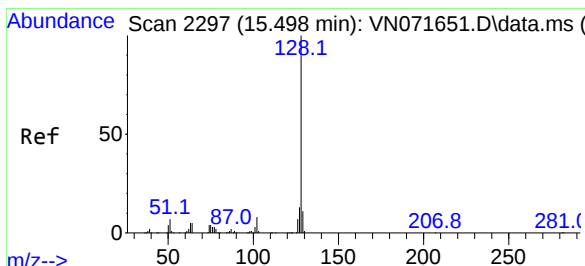
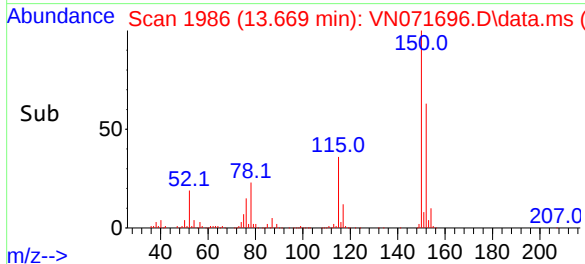
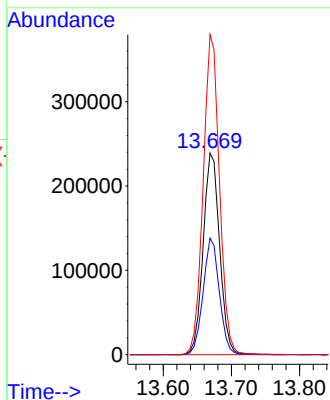
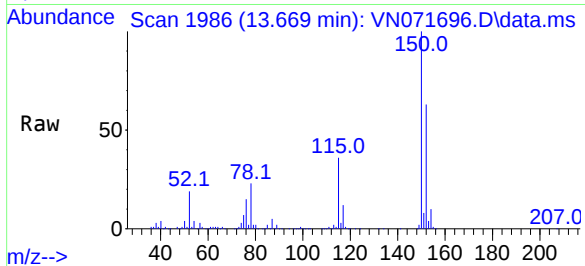




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071696.D
Acq: 31 Mar 2022 06:57

Instrument :
MSVOA_N
ClientSampleId :
RAIL-PILE-2

Tgt Ion:152 Resp: 402323
Ion Ratio Lower Upper
152 100
115 57.0 28.9 86.7
150 157.1 0.0 356.2



#95
Naphthalene
Concen: 7.420 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071696.D
Acq: 31 Mar 2022 06:57

Tgt Ion:128 Resp: 71733
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.5 8.6 13.0

