

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030222\
 Data File : VN071139.D
 Acq On : 02 Mar 2022 13:40
 Operator : JC\MD
 Sample : PB143040TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143040TB

Quant Time: Mar 03 03:38:07 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)

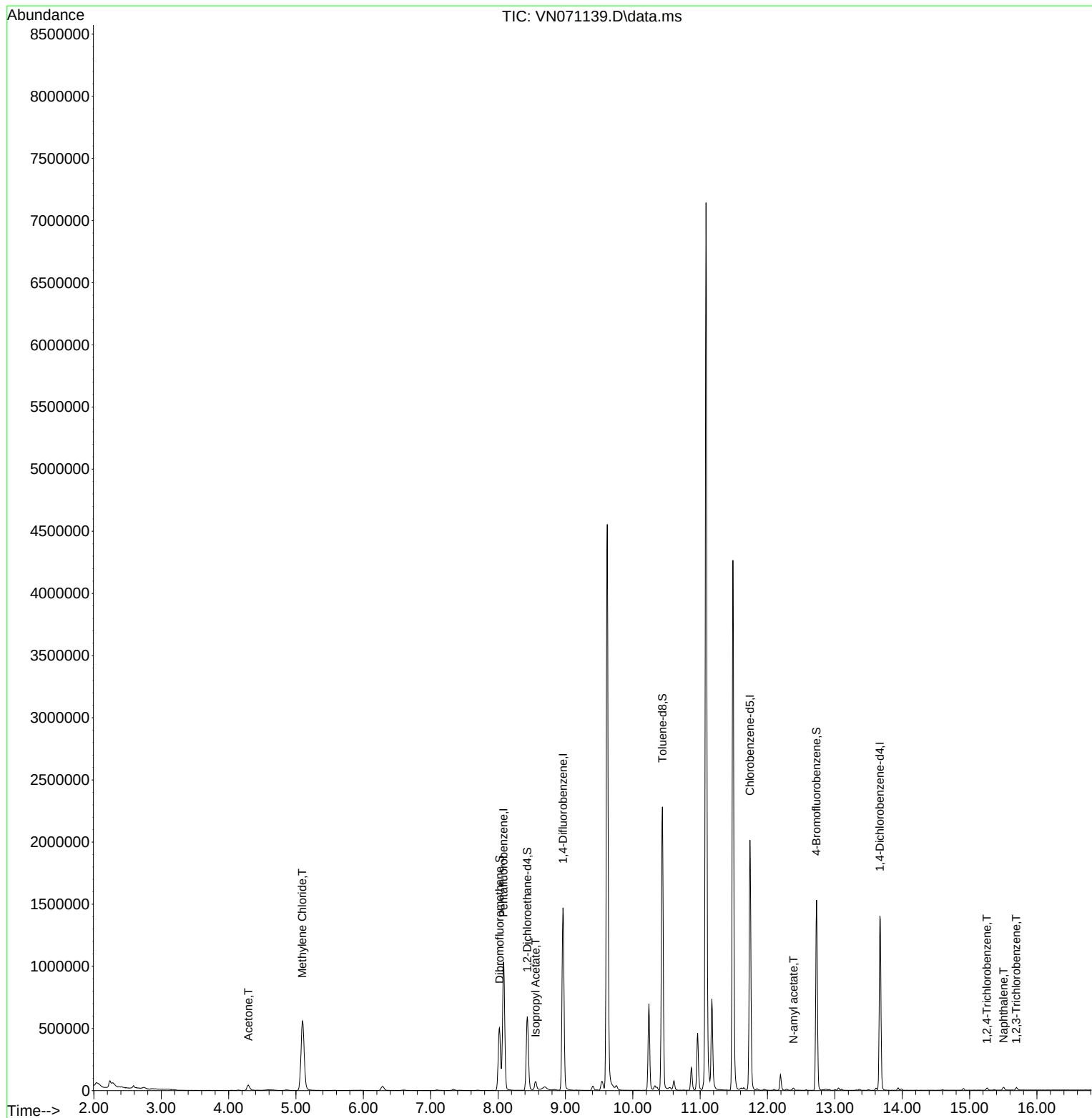
Internal Standards						
1) Pentafluorobenzene	8.081	168	803778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1303160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1167311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	395479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	493604	53.760	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.520%	
35) Dibromofluoromethane	8.022	113	377742	48.733	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.460%	
50) Toluene-d8	10.439	98	1605214	51.568	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.140%	
62) 4-Bromofluorobenzene	12.727	95	539952	48.528	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.060%	
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	84338	16.679	ug/l	96
20) Methylene Chloride	5.093	84	455676	49.585	ug/l	92
43) Isopropyl Acetate	8.557	43	89437	4.166	ug/l #	88
74) N-amyl acetate	12.386	43	12643	1.243	ug/l	91
93) 1,2,4-Trichlorobenzene	15.257	180	7441	2.980	ug/l	93
95) Naphthalene	15.504	128	23500	6.186	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.692	180	8836	3.766	ug/l	93

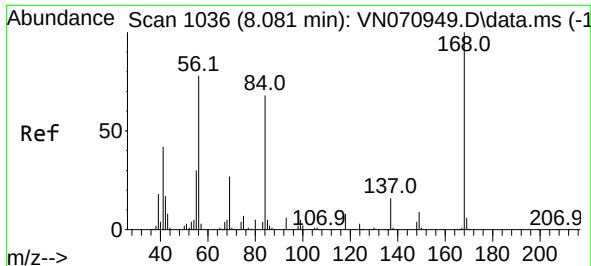
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

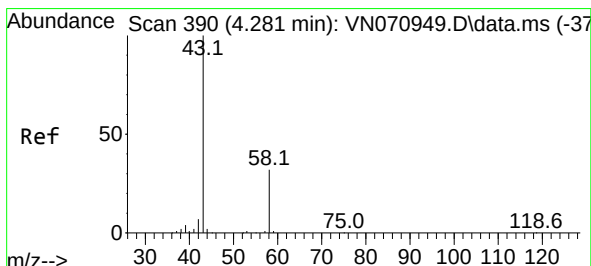
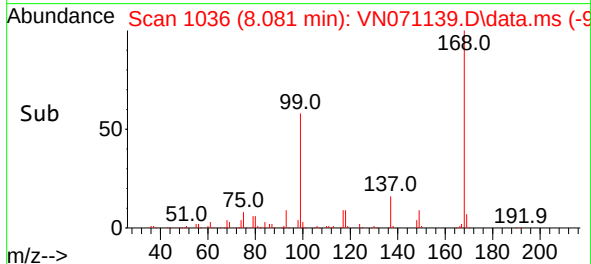
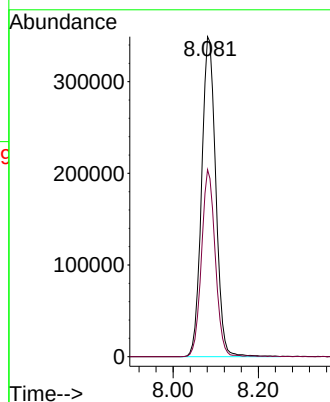
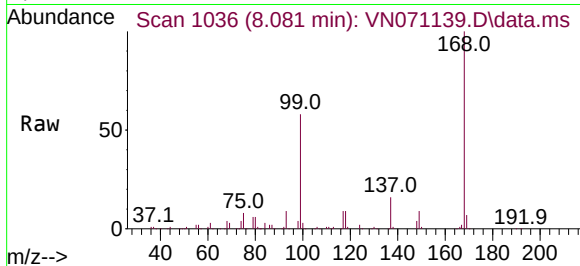




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071139.D
Acq: 02 Mar 2022 13:40

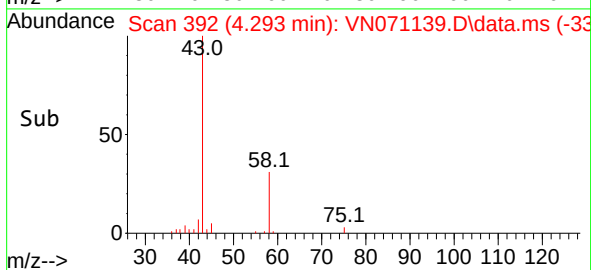
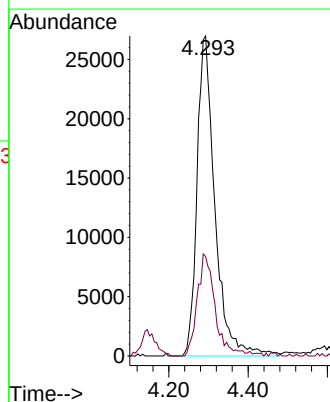
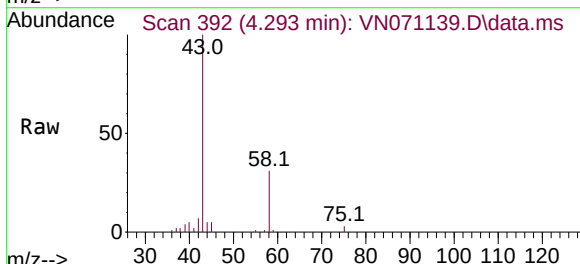
Instrument :
MSVOA_N
ClientSampleId :
PB143040TB

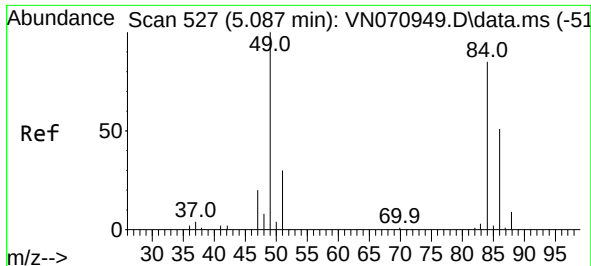
Tgt Ion:168 Resp: 803778
Ion Ratio Lower Upper
168 100
99 58.5 41.3 61.9



#16
Acetone
Concen: 16.679 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN071139.D
Acq: 02 Mar 2022 13:40

Tgt Ion: 43 Resp: 84338
Ion Ratio Lower Upper
43 100
58 31.1 23.1 34.7

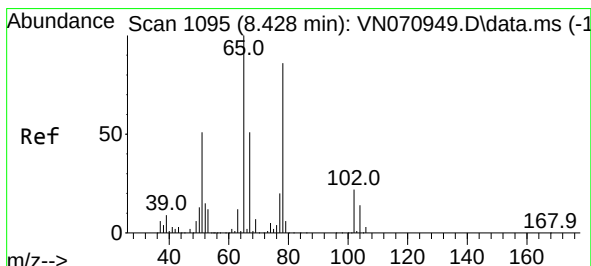
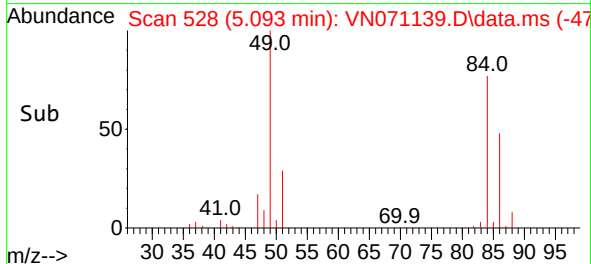
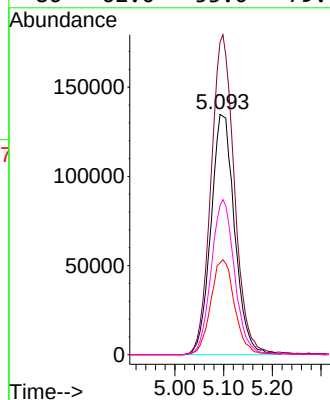
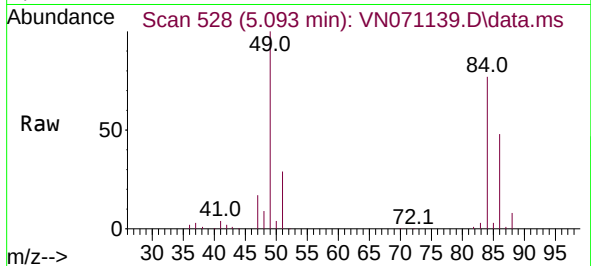




#20
Methylene Chloride
Concen: 49.585 ug/l
RT: 5.093 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071139.D
Acq: 02 Mar 2022 13:40

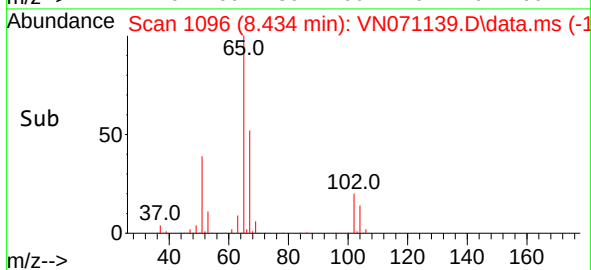
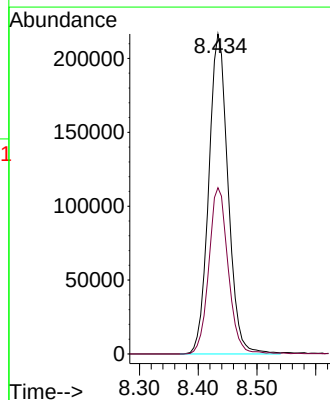
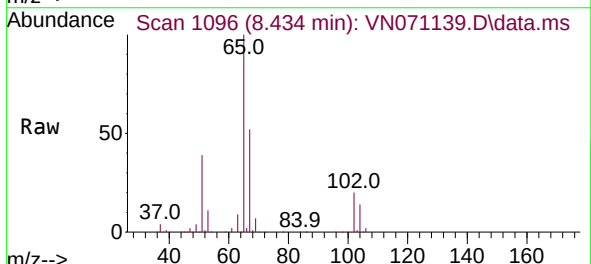
Instrument :
MSVOA_N
ClientSampleId :
PB143040TB

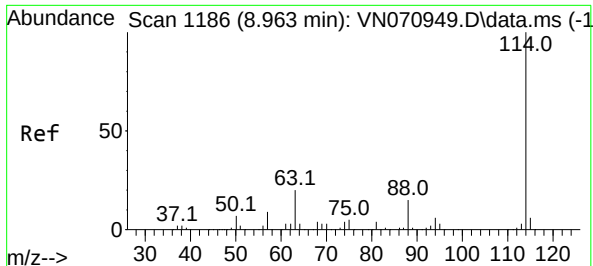
Tgt Ion:	84	Resp:	455676
Ion	Ratio	Lower	Upper
84	100		
49	130.1	93.5	140.3
51	38.1	29.4	44.2
86	62.0	53.0	79.4



#33
1,2-Dichloroethane-d4
Concen: 53.760 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN071139.D
Acq: 02 Mar 2022 13:40

Tgt Ion:	65	Resp:	493604
Ion	Ratio	Lower	Upper
65	100		
67	51.9	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: VN071139.D

Acq: 02 Mar 2022 13:40

Instrument :

MSVOA_N

ClientSampleId :

PB143040TB

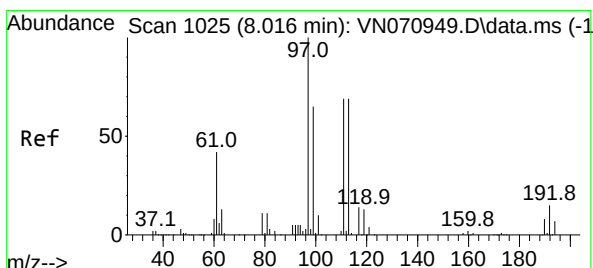
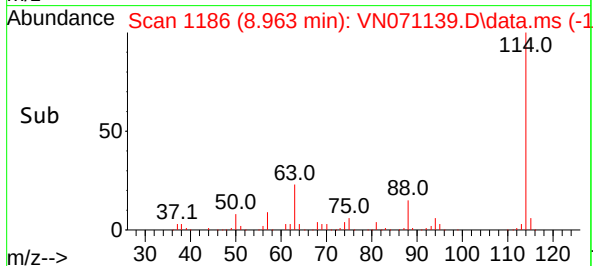
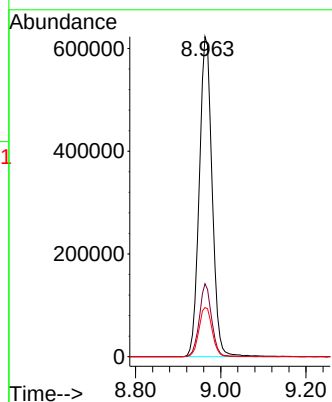
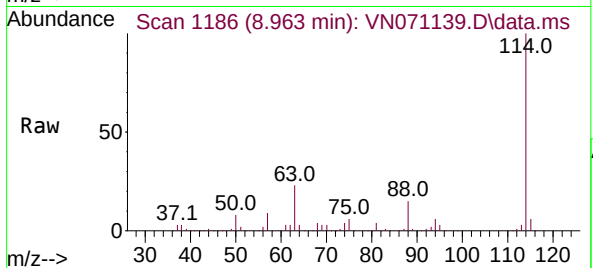
Tgt Ion:114 Resp: 1303160

Ion Ratio Lower Upper

114 100

63 22.8 0.0 37.8

88 15.3 0.0 27.4



#35

Dibromofluoromethane

Concen: 48.733 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071139.D

Acq: 02 Mar 2022 13:40

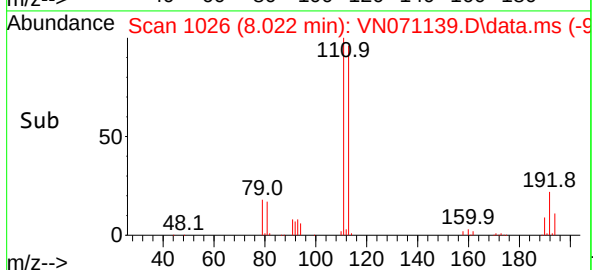
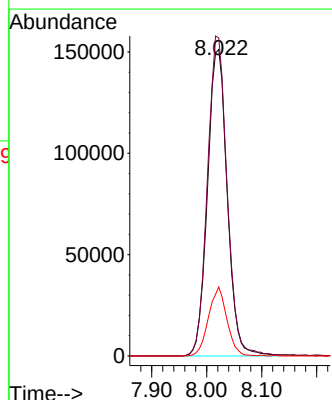
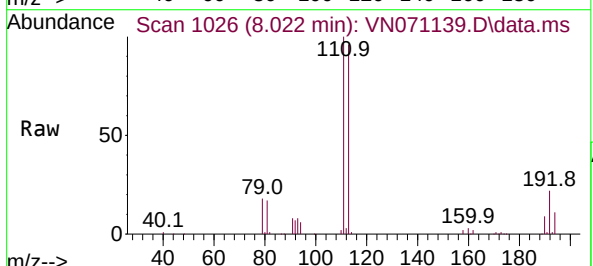
Tgt Ion:113 Resp: 377742

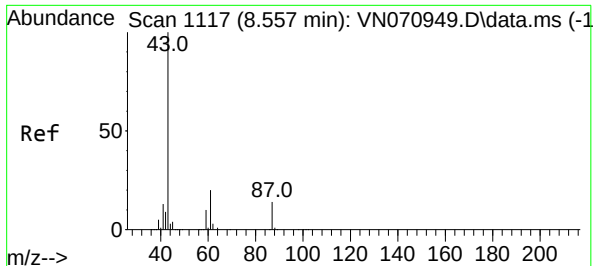
Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.2

192 21.0 16.9 25.3





#43

Isopropyl Acetate

Concen: 4.166 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN071139.D

Acq: 02 Mar 2022 13:40

Instrument :

MSVOA_N

ClientSampleId :

PB143040TB

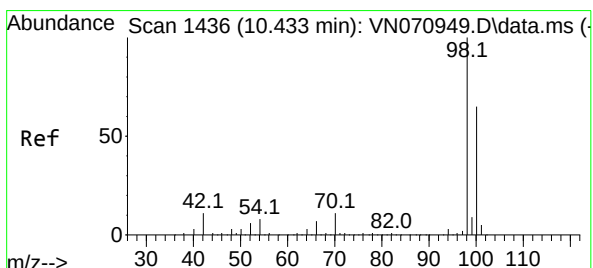
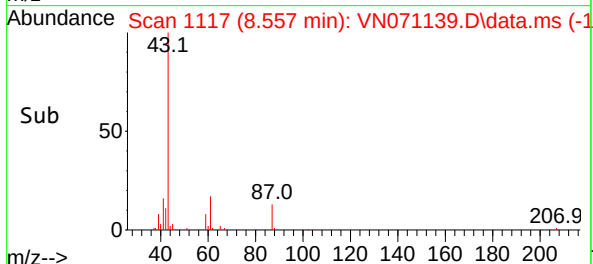
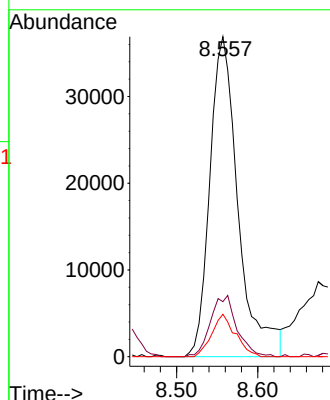
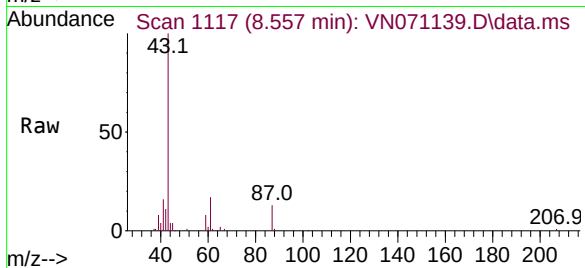
Tgt Ion: 43 Resp: 89437

Ion Ratio Lower Upper

43 100

61 17.8 20.4 30.6#

87 11.1 11.2 16.8#



#50

Toluene-d8

Concen: 51.568 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.006 min

Lab File: VN071139.D

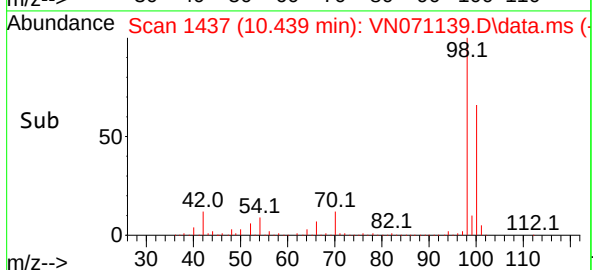
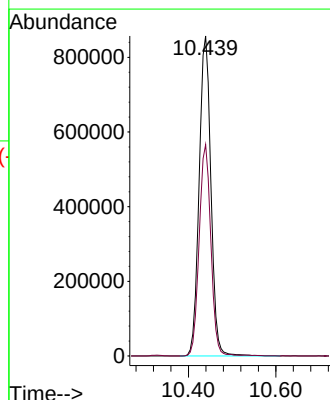
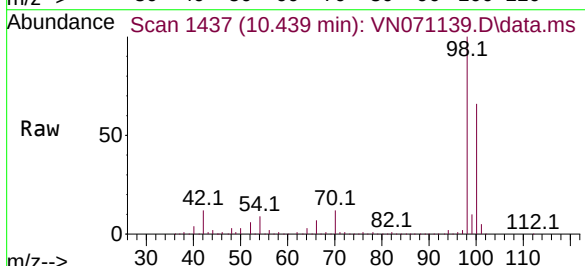
Acq: 02 Mar 2022 13:40

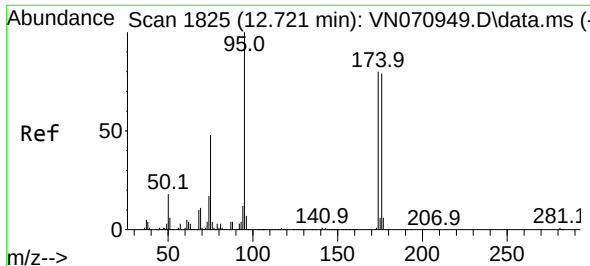
Tgt Ion: 98 Resp: 1605214

Ion Ratio Lower Upper

98 100

100 65.4 50.4 75.6

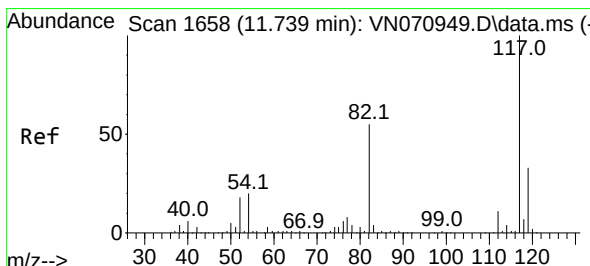
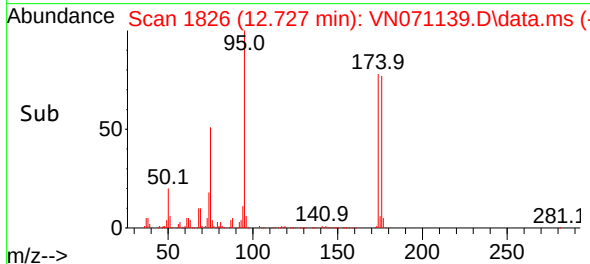
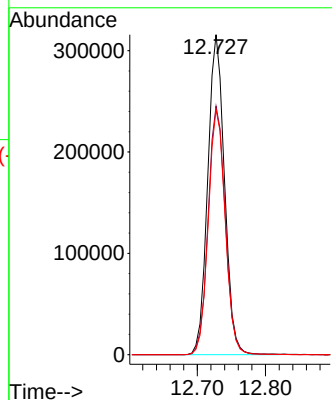
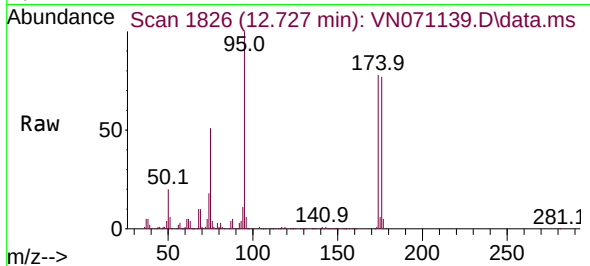




#62
4-Bromofluorobenzene
Concen: 48.528 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071139.D
Acq: 02 Mar 2022 13:40

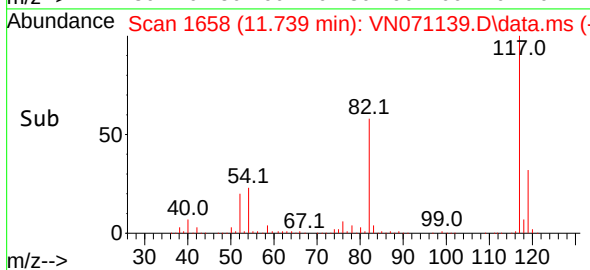
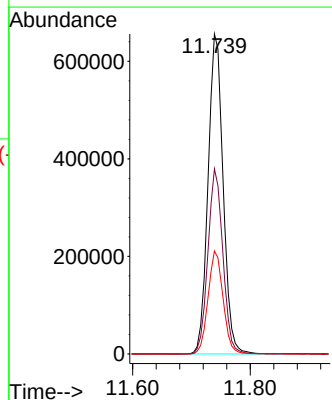
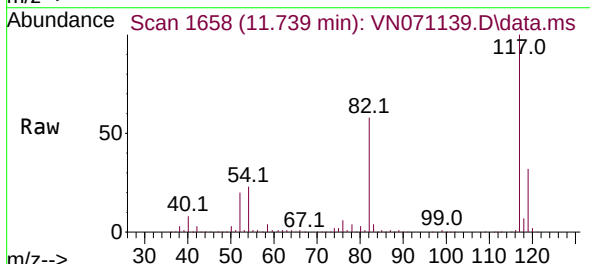
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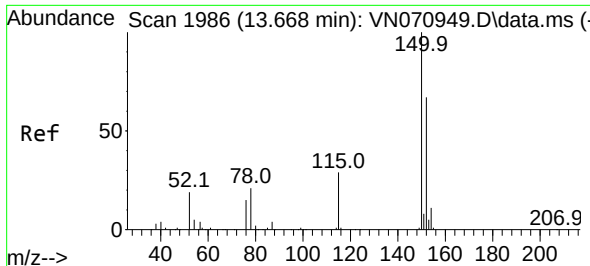
Tgt Ion: 95 Resp: 539952
Ion Ratio Lower Upper
95 100
174 79.4 0.0 187.2
176 77.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071139.D
Acq: 02 Mar 2022 13:40

Tgt Ion: 117 Resp: 1167311
Ion Ratio Lower Upper
117 100
82 57.8 42.4 63.6
119 32.2 25.4 38.2

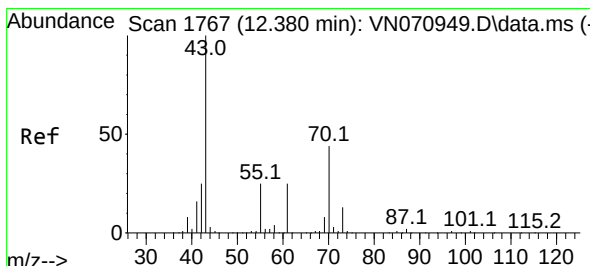
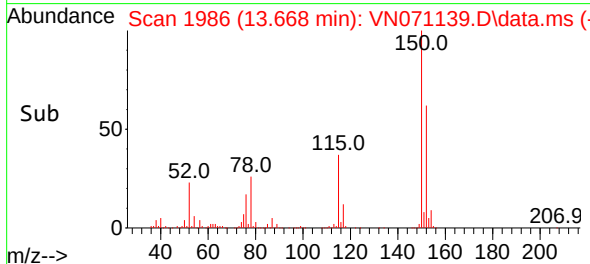
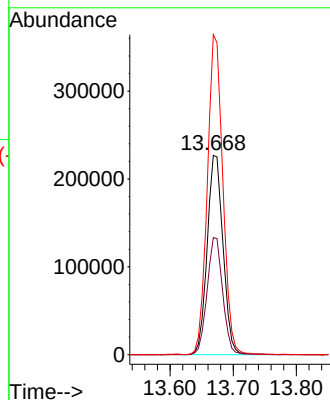
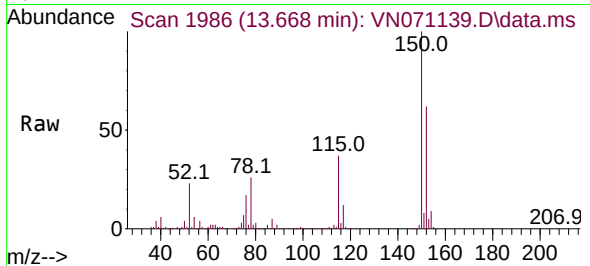




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN071139.D
 Acq: 02 Mar 2022 13:40

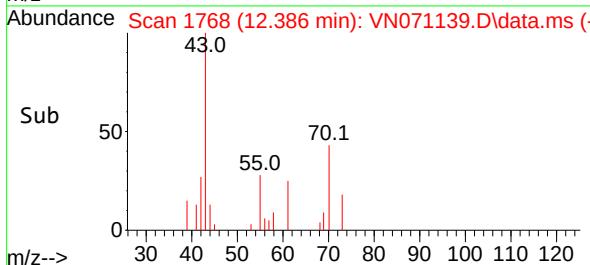
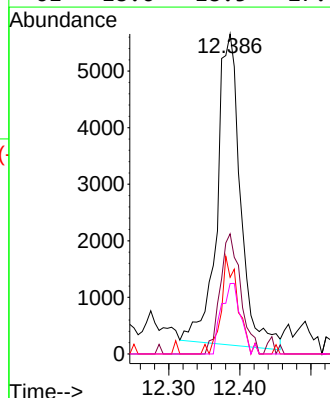
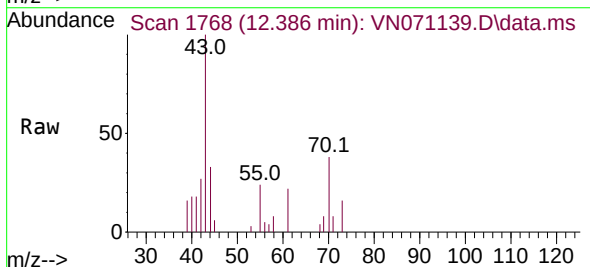
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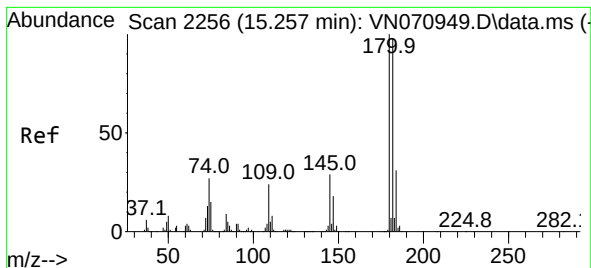
Tgt Ion:152 Resp: 395479
 Ion Ratio Lower Upper
 152 100
 115 57.7 27.5 82.5
 150 156.7 0.0 344.4



#74
 N-ethyl acetate
 Concen: 1.243 ug/l
 RT: 12.386 min Scan# 1768
 Delta R.T. 0.006 min
 Lab File: VN071139.D
 Acq: 02 Mar 2022 13:40

Tgt Ion: 43 Resp: 12643
 Ion Ratio Lower Upper
 43 100
 70 33.5 33.4 50.0
 55 22.4 19.3 28.9
 61 18.6 18.5 27.7





#93

1,2,4-Trichlorobenzene

Concen: 2.980 ug/l

RT: 15.257 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN071139.D

Acq: 02 Mar 2022 13:40

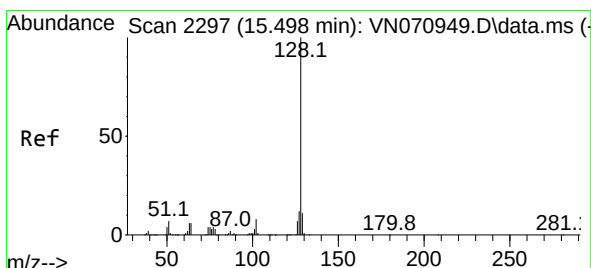
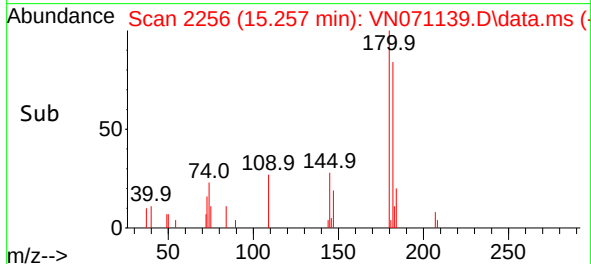
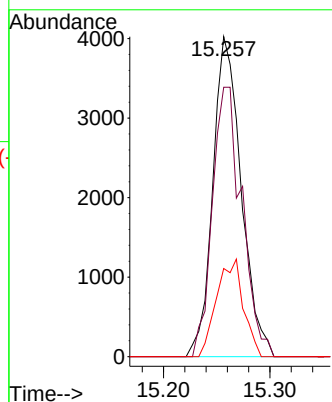
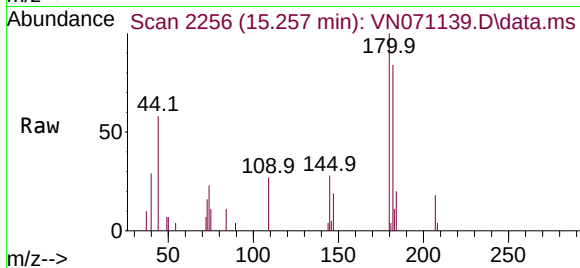
Instrument :

MSVOA_N

ClientSampleId :

PB143040TB

Tgt Ion:180	Resp:	7441
Ion Ratio	Lower	Upper
180	100	
182	87.8	48.3 144.9
145	28.6	14.5 43.5



#95

Naphthalene

Concen: 6.186 ug/l

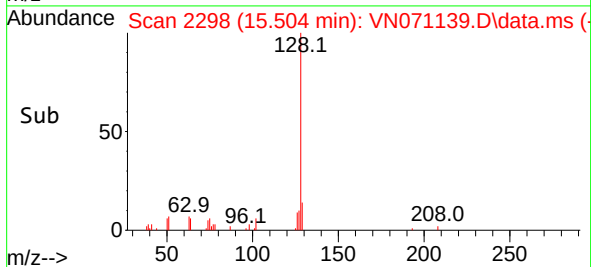
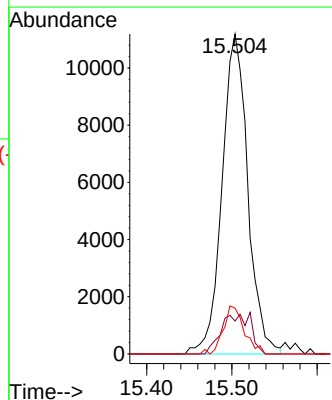
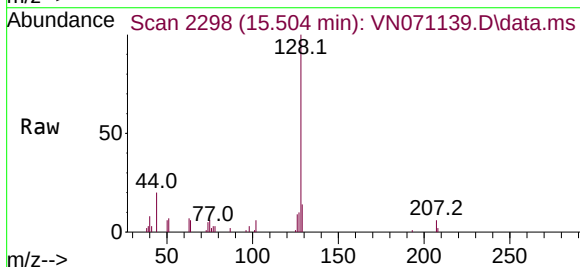
RT: 15.504 min Scan# 2298

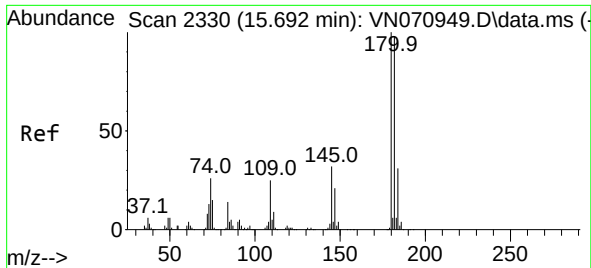
Delta R.T. 0.006 min

Lab File: VN071139.D

Acq: 02 Mar 2022 13:40

Tgt Ion:128	Resp:	23500
Ion Ratio	Lower	Upper
128	100	
127	7.7	10.5 15.7#
129	12.2	8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.766 ug/l
 RT: 15.692 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN071139.D
 Acq: 02 Mar 2022 13:40

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143040TB

Tgt Ion	Ratio	Lower	Upper
180	100		
182	86.0	47.4	142.2
145	30.9	15.0	45.1

