

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022522\
 Data File : VN071074.D
 Acq On : 25 Feb 2022 16:58
 Operator : JC\MD
 Sample : N1664-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Feb 26 03:43:32 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)

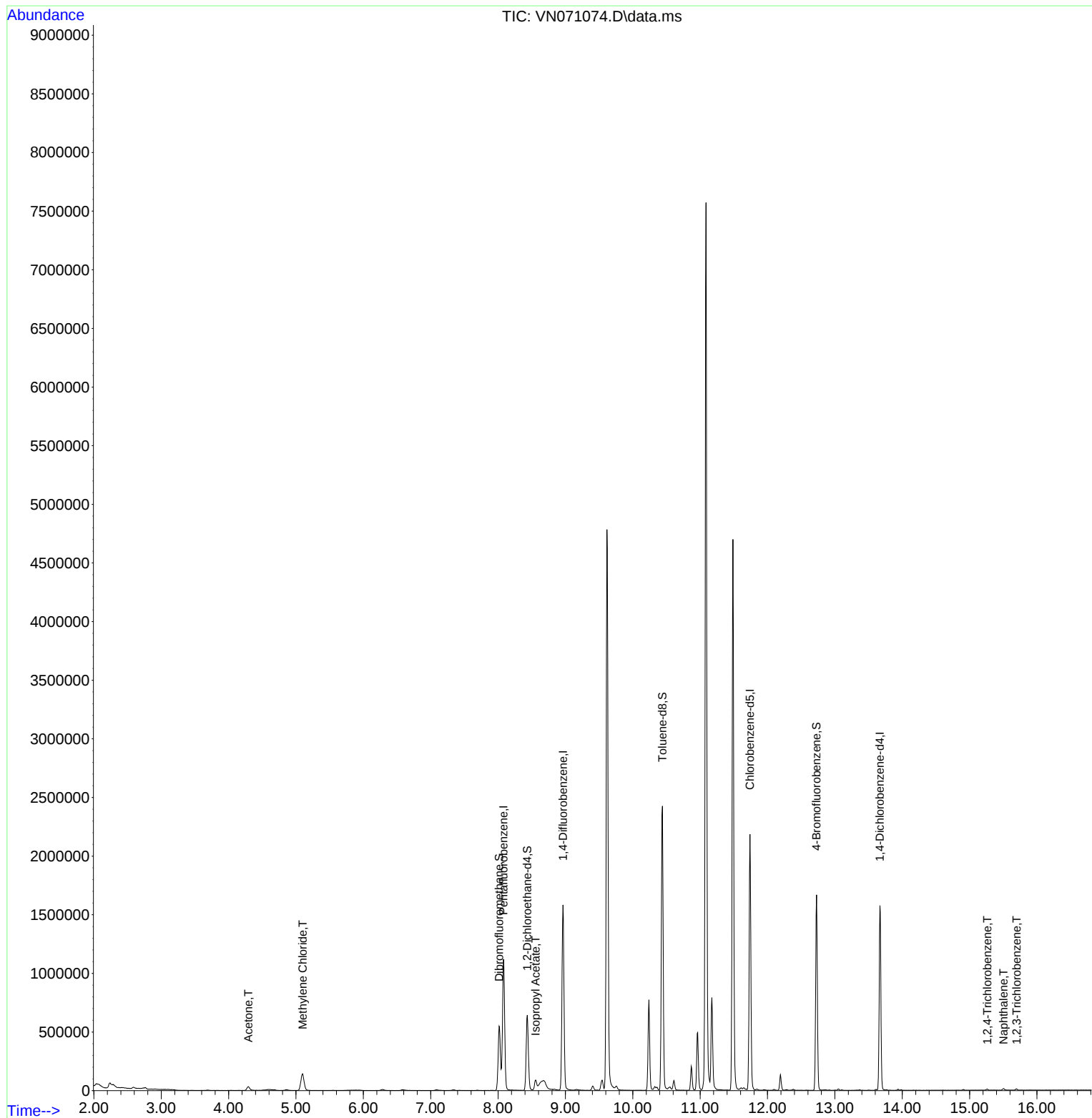
Internal Standards						
1) Pentafluorobenzene	8.081	168	856912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1389661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1254266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	443785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	532055	54.354	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.700%	
35) Dibromofluoromethane	8.016	113	402632	48.711	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.420%	
50) Toluene-d8	10.439	98	1702326	51.284	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.560%	
62) 4-Bromofluorobenzene	12.727	95	595497	50.189	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.380%	
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	58495	10.851	ug/l	95
20) Methylene Chloride	5.098	84	113680	11.603	ug/l	95
43) Isopropyl Acetate	8.557	43	106864	4.668	ug/l #	86
93) 1,2,4-Trichlorobenzene	15.263	180	3514	2.412	ug/l	98
95) Naphthalene	15.504	128	12350	5.550	ug/l	96
96) 1,2,3-Trichlorobenzene	15.698	180	3951	3.014	ug/l	97

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

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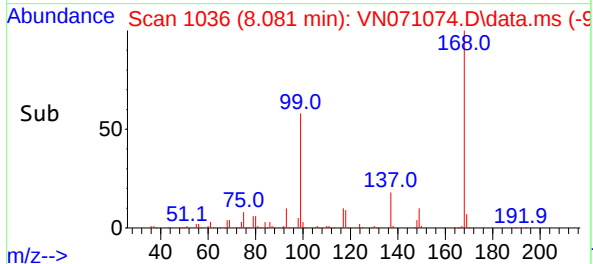
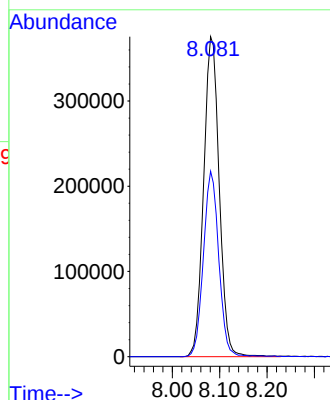
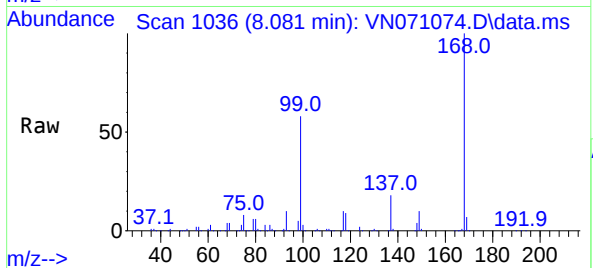




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071074.D
Acq: 25 Feb 2022 16:58

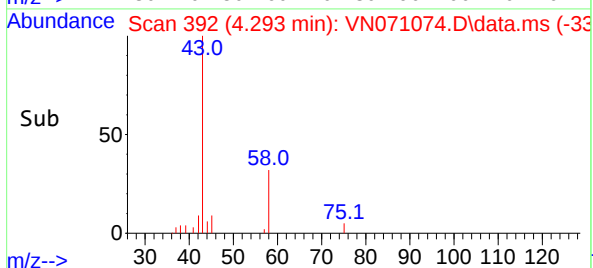
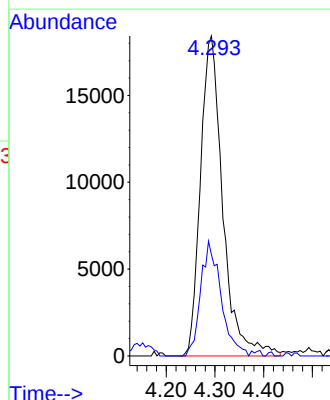
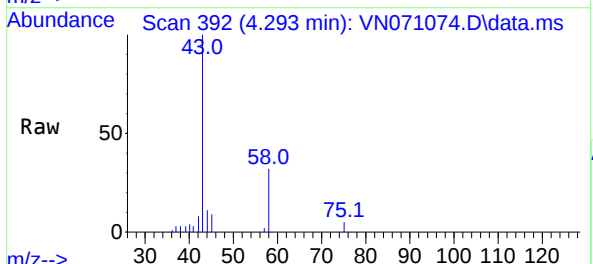
Instrument :
MSVOA_N
ClientSampleId :
TP-2

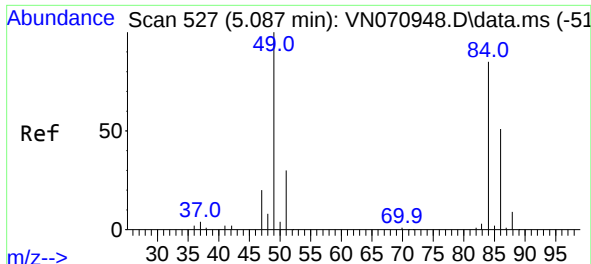
Tgt Ion:168 Resp: 856912
Ion Ratio Lower Upper
168 100
99 57.9 41.3 61.9



#16
Acetone
Concen: 10.851 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN071074.D
Acq: 25 Feb 2022 16:58

Tgt Ion: 43 Resp: 58495
Ion Ratio Lower Upper
43 100
58 31.7 23.1 34.7



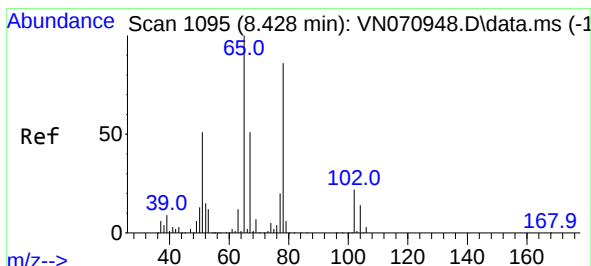
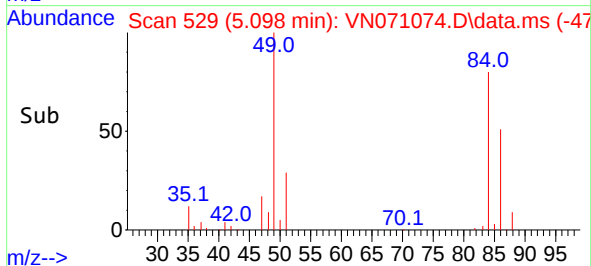
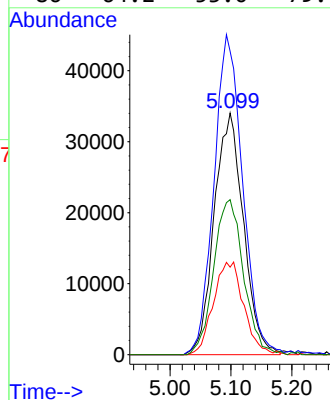
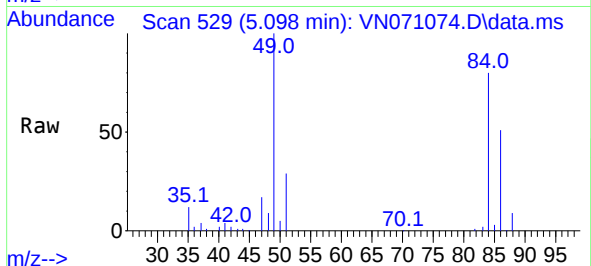


#20
Methylene Chloride
Concen: 11.603 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN071074.D
Acq: 25 Feb 2022 16:58

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 84 Resp: 113680

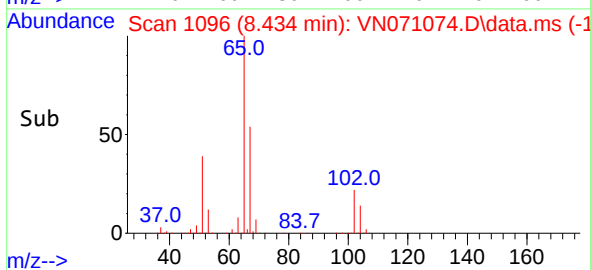
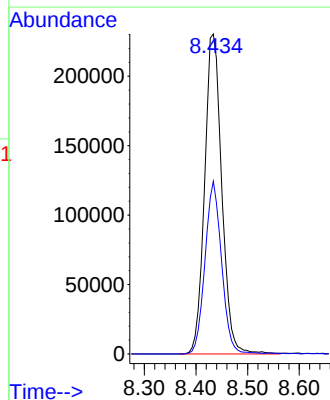
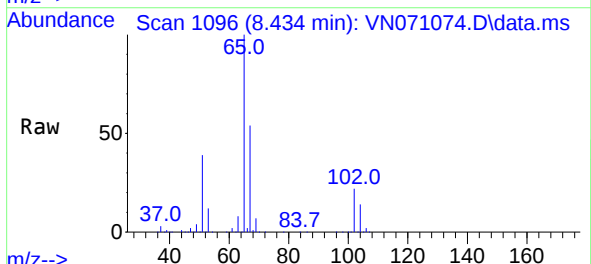
Ion	Ratio	Lower	Upper
84	100		
49	125.6	93.5	140.3
51	36.2	29.4	44.2
86	64.2	53.0	79.4

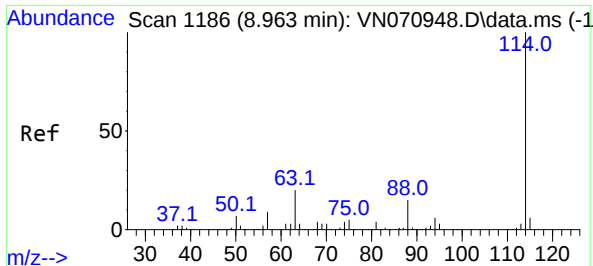


#33
1,2-Dichloroethane-d4
Concen: 54.354 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN071074.D
Acq: 25 Feb 2022 16:58

Tgt Ion: 65 Resp: 532055

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.0

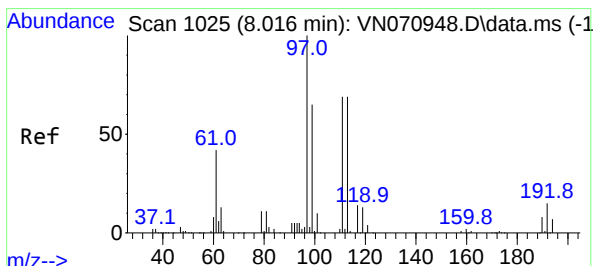
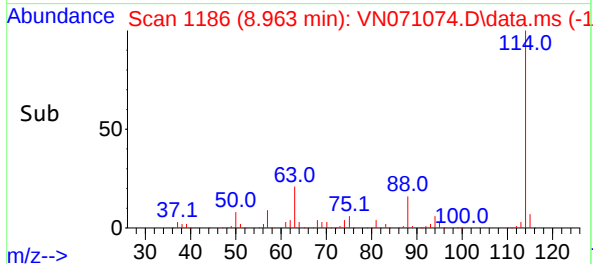
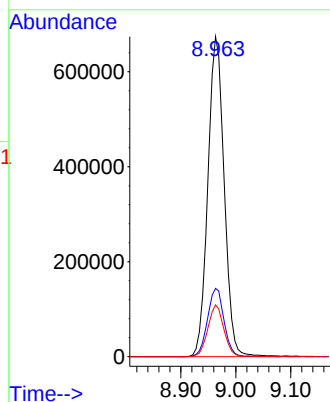
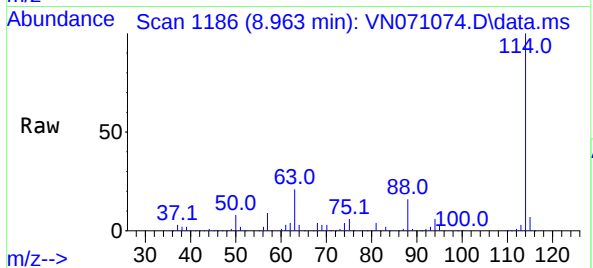




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071074.D
Acq: 25 Feb 2022 16:58

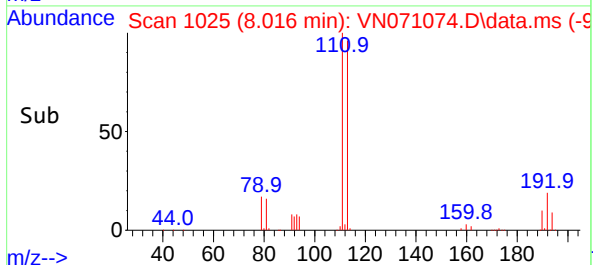
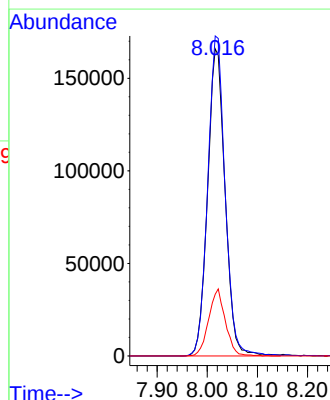
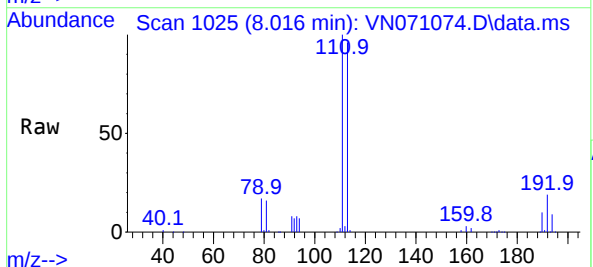
Instrument :
MSVOA_N
ClientSampleId :
TP-2

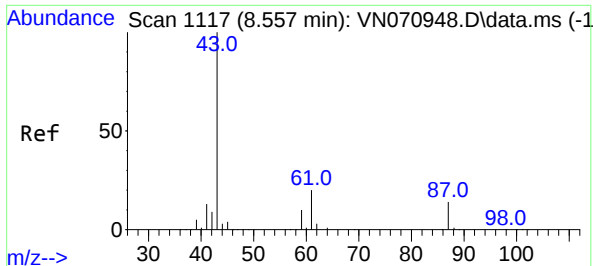
Tgt Ion:114 Resp: 1389661
Ion Ratio Lower Upper
114 100
63 21.3 0.0 37.8
88 16.2 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.711 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071074.D
Acq: 25 Feb 2022 16:58

Tgt Ion:113 Resp: 402632
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 20.8 16.9 25.3

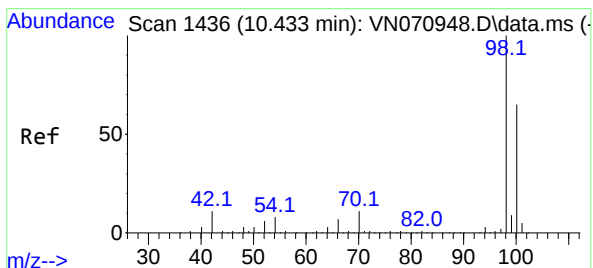
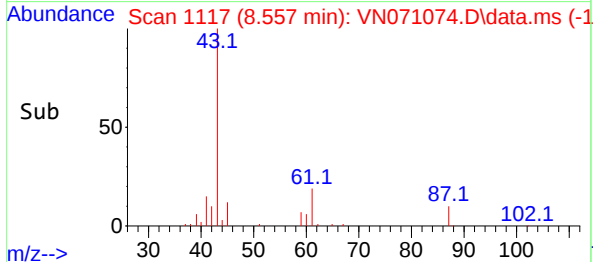
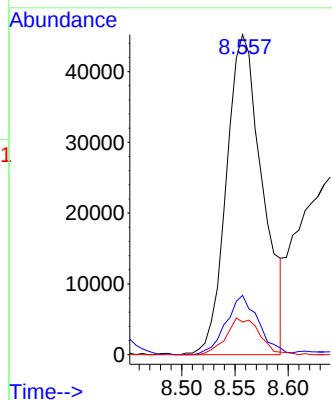
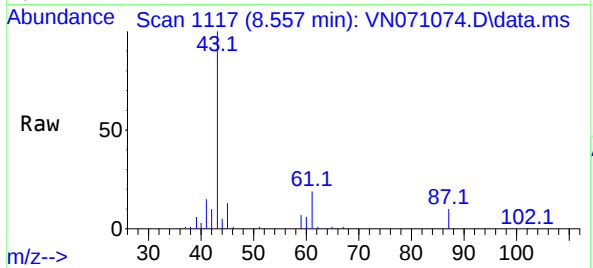




#43
Isopropyl Acetate
Concen: 4.668 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071074.D
Acq: 25 Feb 2022 16:58

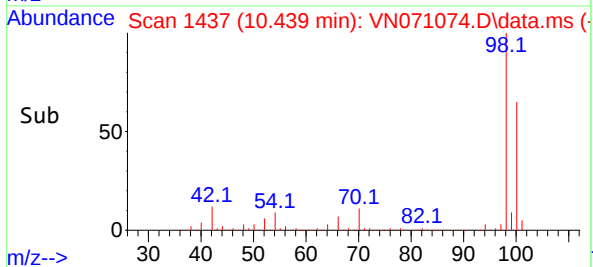
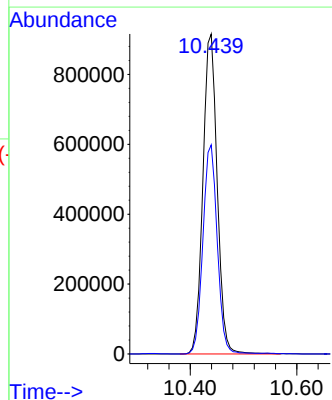
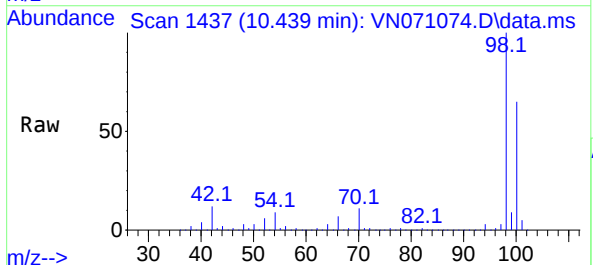
Instrument :
MSVOA_N
ClientSampleId :
TP-2

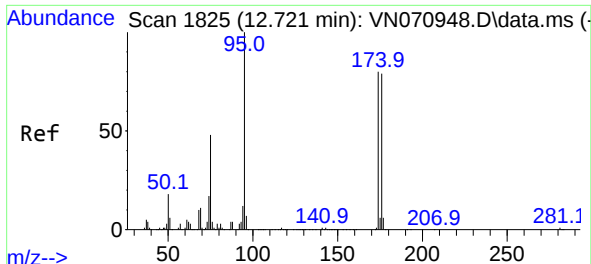
Tgt Ion: 43 Resp: 106864
Ion Ratio Lower Upper
43 100
61 16.7 20.4 30.6#
87 10.6 11.2 16.8#



#50
Toluene-d8
Concen: 51.284 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071074.D
Acq: 25 Feb 2022 16:58

Tgt Ion: 98 Resp: 1702326
Ion Ratio Lower Upper
98 100
100 65.6 50.4 75.6

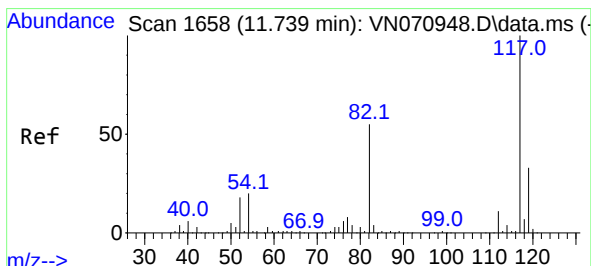
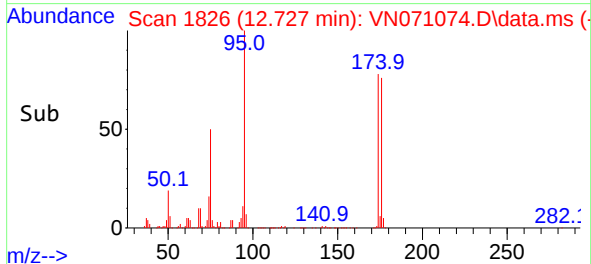
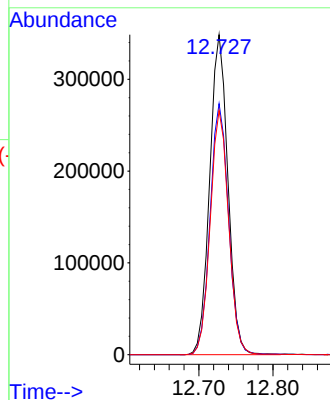
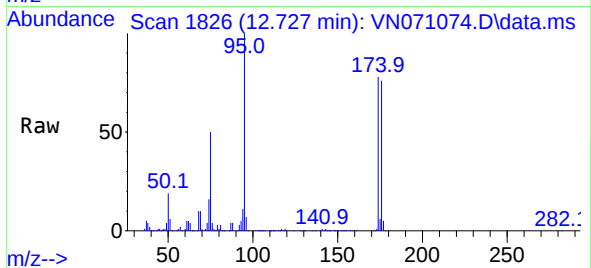




#62
4-Bromofluorobenzene
Concen: 50.189 ug/l
RT: 12.727 min Scan# 1825
Delta R.T. 0.006 min
Lab File: VN071074.D
Acq: 25 Feb 2022 16:58

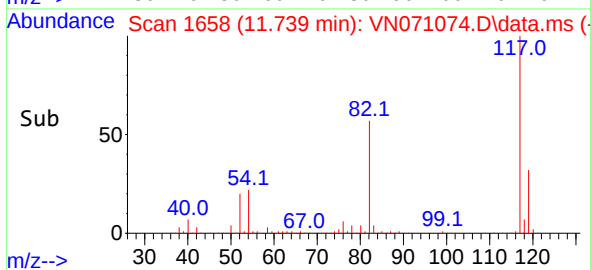
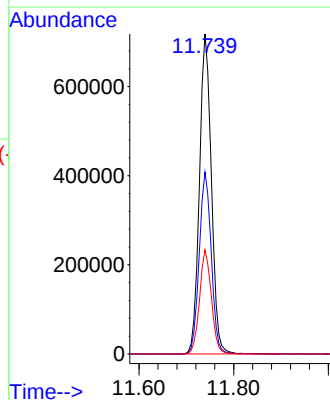
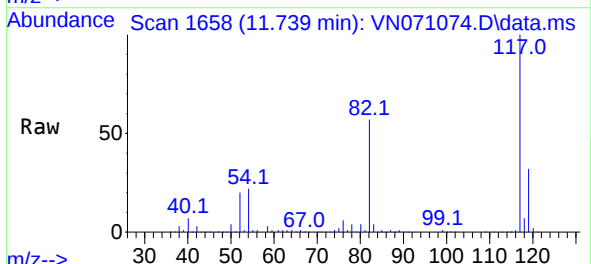
Instrument :
MSVOA_N
ClientSampleId :
TP-2

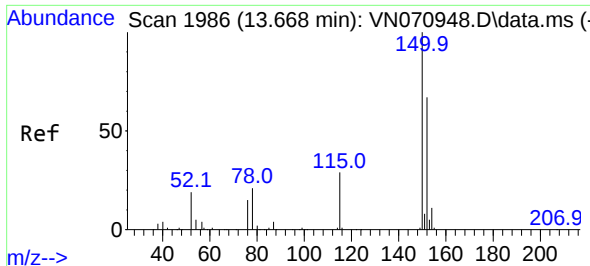
Tgt Ion: 95 Resp: 595497
Ion Ratio Lower Upper
95 100
174 79.4 0.0 187.2
176 76.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071074.D
Acq: 25 Feb 2022 16:58

Tgt Ion: 117 Resp: 1254266
Ion Ratio Lower Upper
117 100
82 56.8 42.4 63.6
119 32.5 25.4 38.2

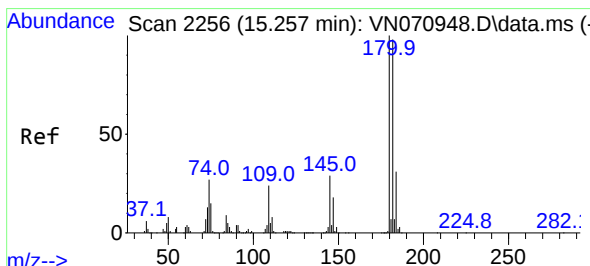
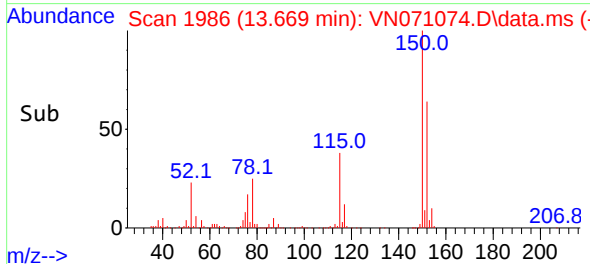
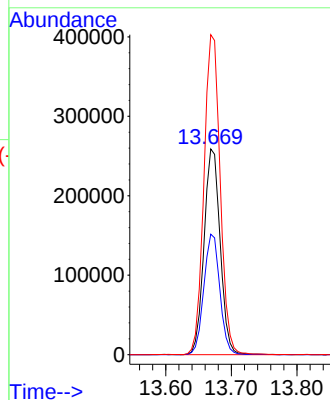
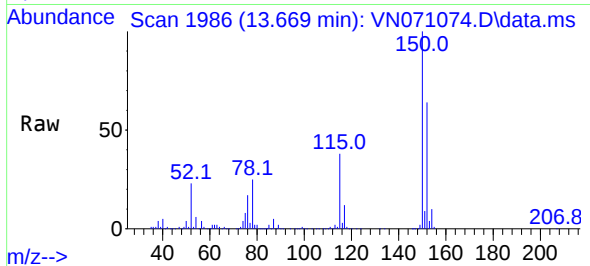




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071074.D
Acq: 25 Feb 2022 16:58

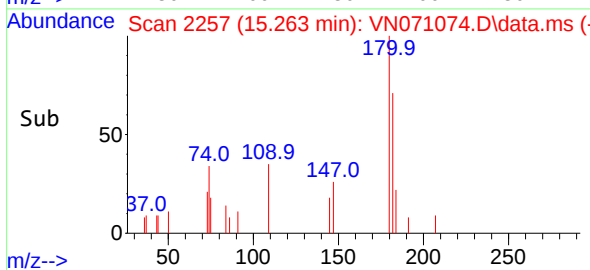
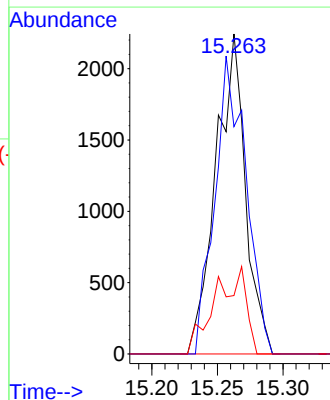
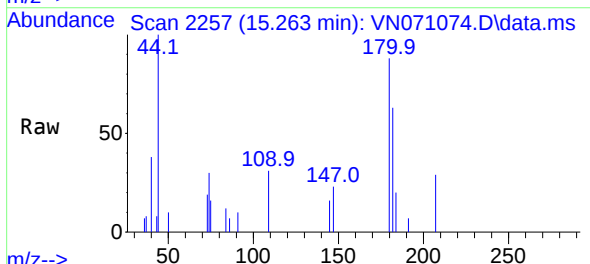
Instrument :
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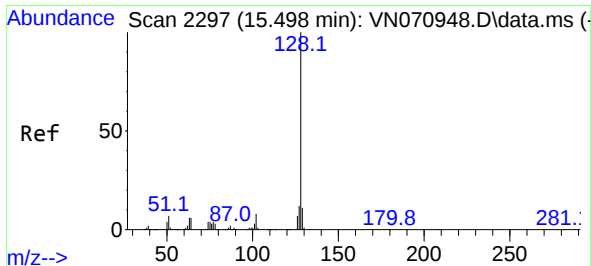
Tgt Ion:152 Resp: 443785
Ion Ratio Lower Upper
152 100
115 58.2 27.5 82.5
150 156.7 0.0 344.4



#93
1,2,4-Trichlorobenzene
Concen: 2.412 ug/l
RT: 15.263 min Scan# 2257
Delta R.T. 0.006 min
Lab File: VN071074.D
Acq: 25 Feb 2022 16:58

Tgt Ion:180 Resp: 3514
Ion Ratio Lower Upper
180 100
182 98.6 48.3 144.9
145 28.6 14.5 43.5

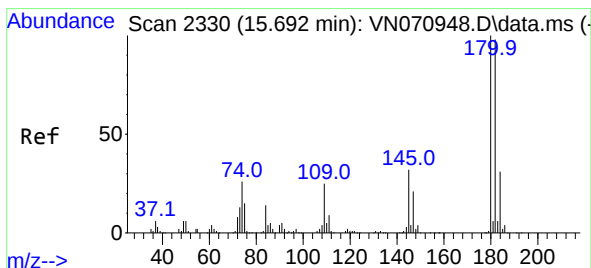
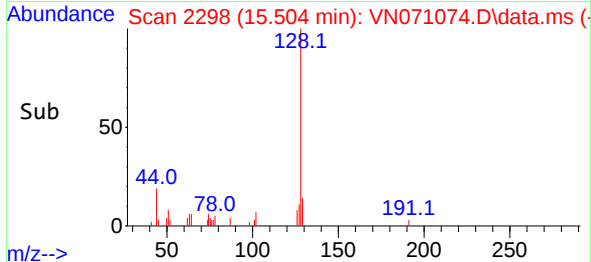
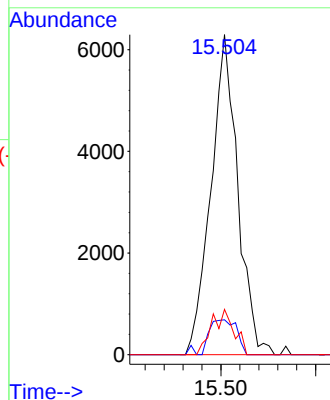
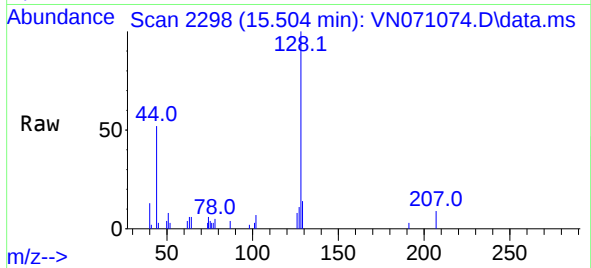




#95
Naphthalene
Concen: 5.550 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071074.D
Acq: 25 Feb 2022 16:58

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:	128	Resp:	12350
Ion	Ratio	Lower	Upper
128	100		
127	11.1	10.5	15.7
129	11.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.014 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071074.D
Acq: 25 Feb 2022 16:58

Tgt Ion:	180	Resp:	3951
Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.4	142.2
145	34.4	15.0	45.1

