

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030422\
 Data File : VN071165.D
 Acq On : 04 Mar 2022 12:52
 Operator : JC\MD
 Sample : N1776-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-03-22

Quant Time: Mar 04 22:16:02 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)

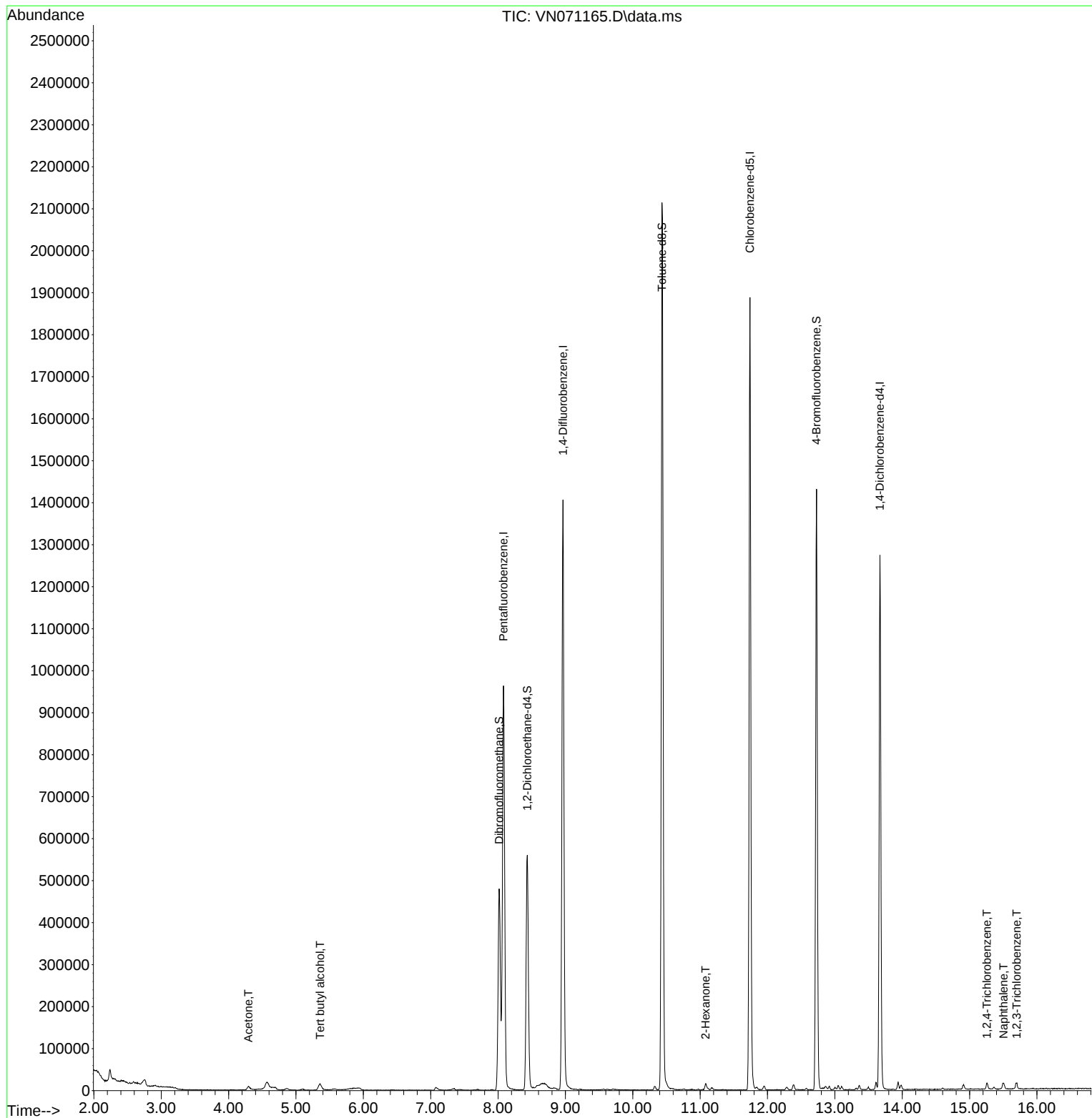
Internal Standards						
1) Pentafluorobenzene	8.080	168	754553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1223482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1075532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	356193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	470563	54.594	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.180%	
35) Dibromofluoromethane	8.016	113	359692	49.427	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.860%	
50) Toluene-d8	10.433	98	1481587	50.696	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.400%	
62) 4-Bromofluorobenzene	12.727	95	504575	48.302	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.357	59	25027	15.932	ug/l	95
16) Acetone	4.292	43	10683	2.251	ug/l	94
59) 2-Hexanone	11.080	43	12901	1.530	ug/l	95
93) 1,2,4-Trichlorobenzene	15.256	180	5387	2.788	ug/l	95
95) Naphthalene	15.503	128	15408	5.861	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.698	180	6292	3.504	ug/l	96

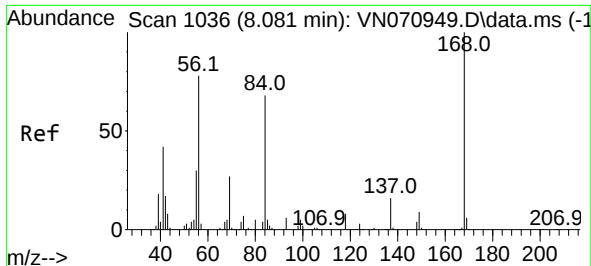
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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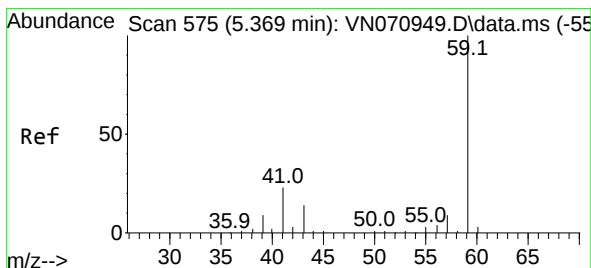
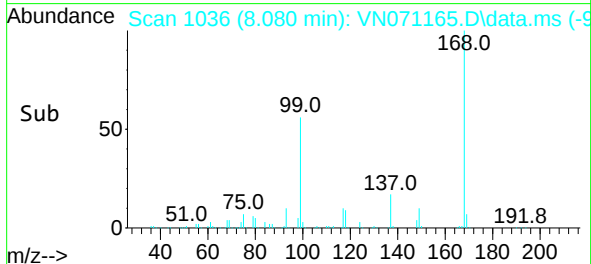
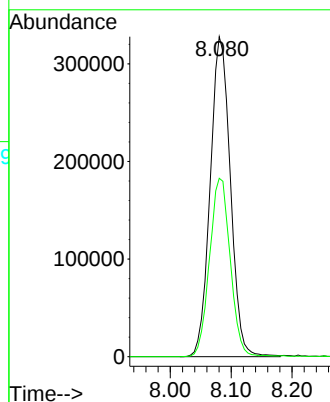
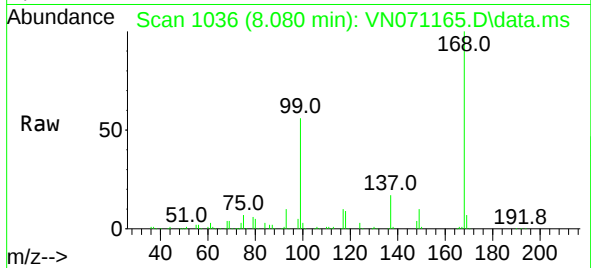




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN071165.D
Acq: 04 Mar 2022 12:52

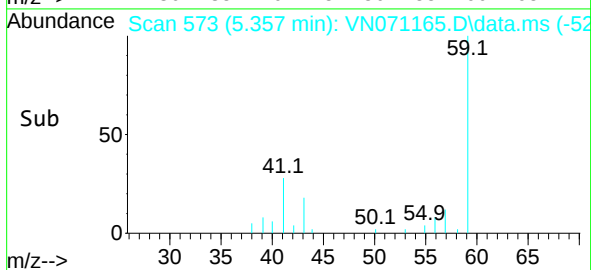
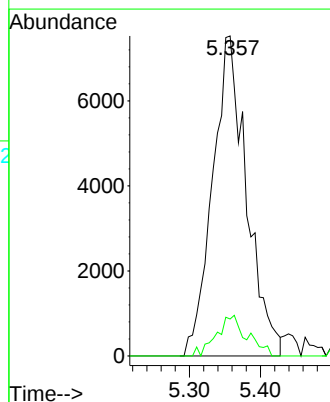
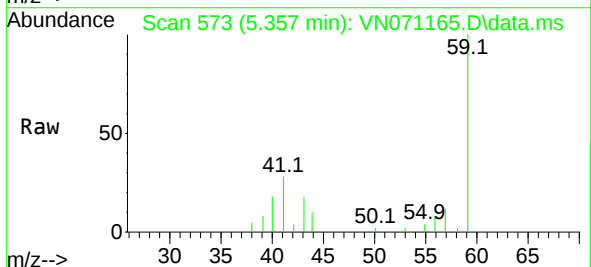
Instrument :
MSVOA_N
ClientSampleId :
EFF-03-22

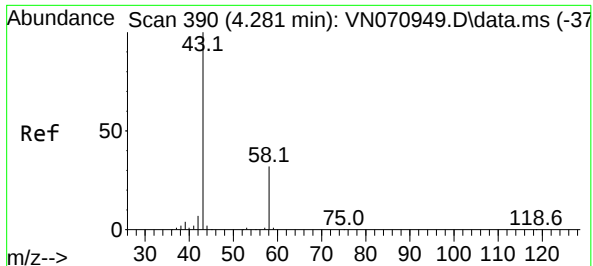
Tgt Ion:168 Resp: 754553
Ion Ratio Lower Upper
168 100
99 55.8 41.3 61.9



#11
Tert butyl alcohol
Concen: 15.932 ug/l
RT: 5.357 min Scan# 573
Delta R.T. -0.012 min
Lab File: VN071165.D
Acq: 04 Mar 2022 12:52

Tgt Ion: 59 Resp: 25027
Ion Ratio Lower Upper
59 100
57 9.2 8.7 13.1

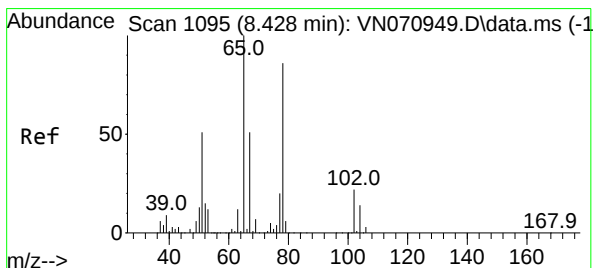
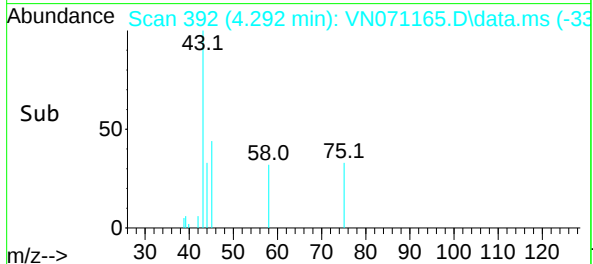
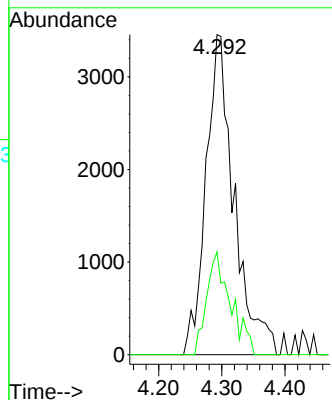
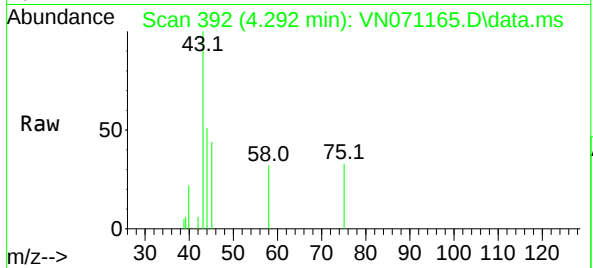




#16
Acetone
Concen: 2.251 ug/l
RT: 4.292 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071165.D
Acq: 04 Mar 2022 12:52

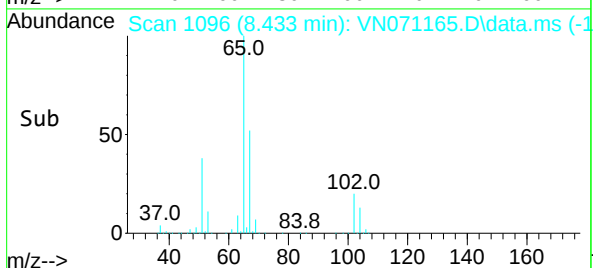
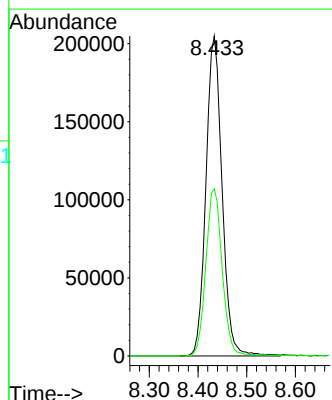
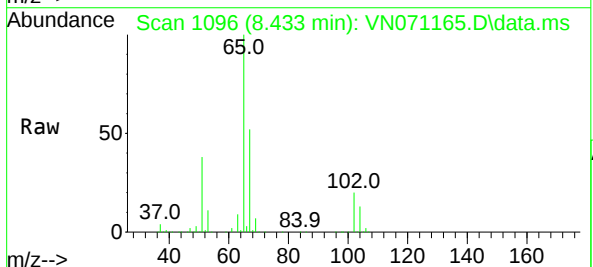
Instrument :
MSVOA_N
ClientSampleId :
EFF-03-22

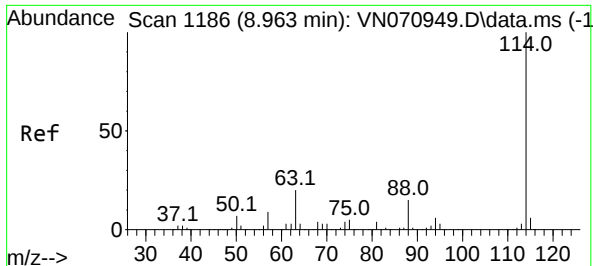
Tgt Ion: 43 Resp: 10683
Ion Ratio Lower Upper
43 100
58 32.1 23.1 34.7



#33
1,2-Dichloroethane-d4
Concen: 54.594 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN071165.D
Acq: 04 Mar 2022 12:52

Tgt Ion: 65 Resp: 470563
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.0

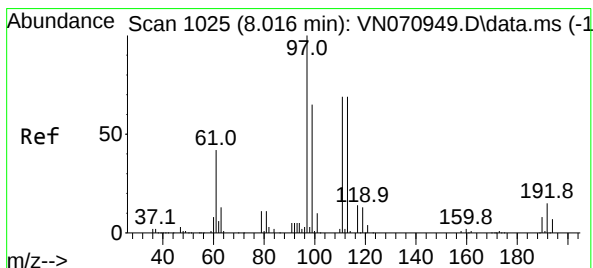
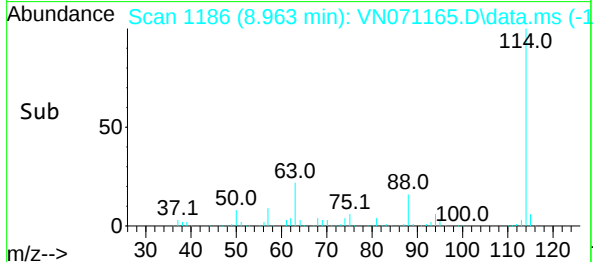
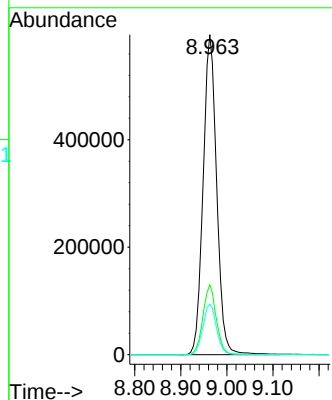
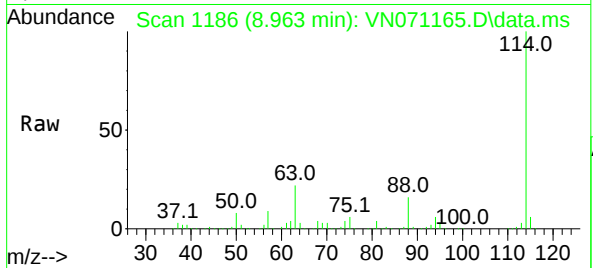




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071165.D
Acq: 04 Mar 2022 12:52

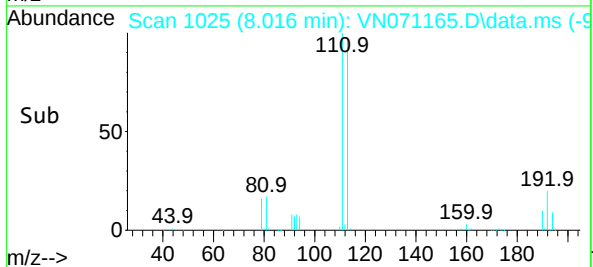
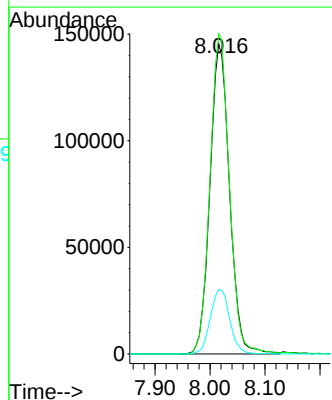
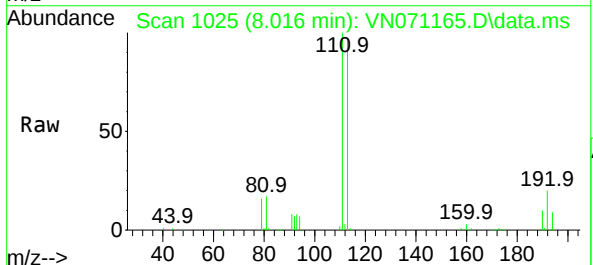
Instrument :
MSVOA_N
ClientSampleId :
EFF-03-22

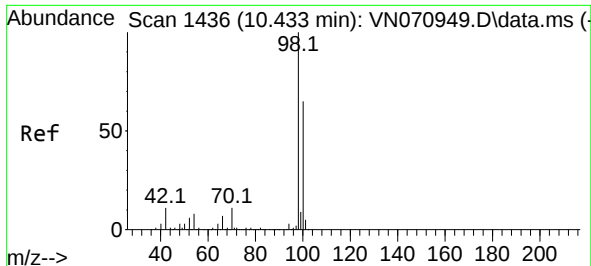
Tgt Ion:114 Resp: 1223482
Ion Ratio Lower Upper
114 100
63 21.8 0.0 37.8
88 15.8 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.427 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071165.D
Acq: 04 Mar 2022 12:52

Tgt Ion:113 Resp: 359692
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 20.7 16.9 25.3

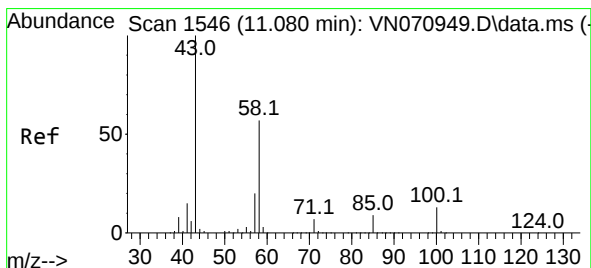
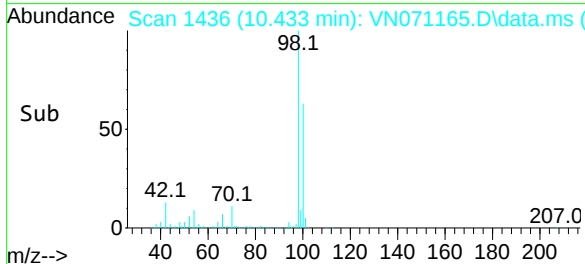
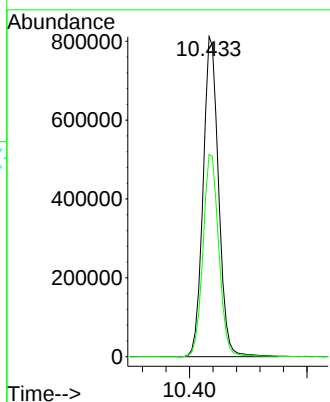
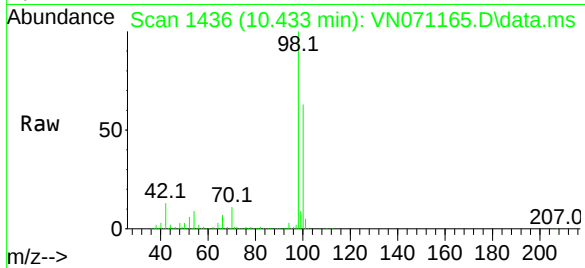




#50
Toluene-d8
Concen: 50.696 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.000 min
Lab File: VN071165.D
Acq: 04 Mar 2022 12:52

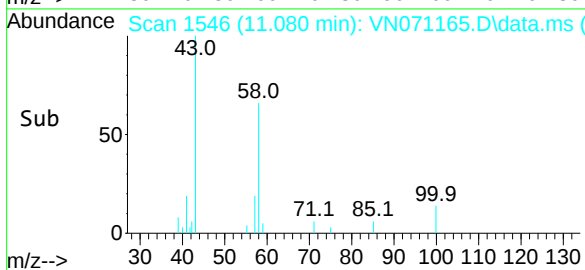
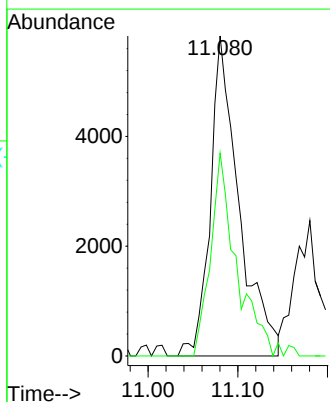
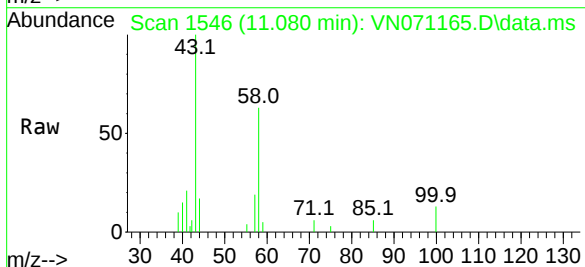
Instrument :
MSVOA_N
ClientSampleId :
EFF-03-22

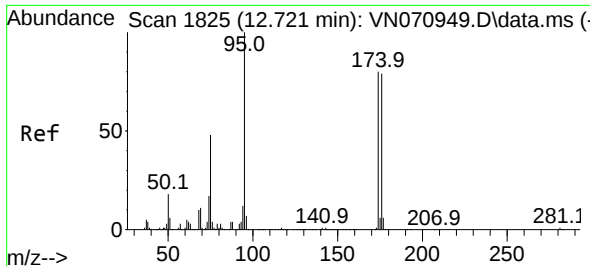
Tgt Ion: 98 Resp: 1481587
Ion Ratio Lower Upper
98 100
100 64.8 50.4 75.6



#59
2-Hexanone
Concen: 1.530 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071165.D
Acq: 04 Mar 2022 12:52

Tgt Ion: 43 Resp: 12901
Ion Ratio Lower Upper
43 100
58 57.4 26.9 80.7

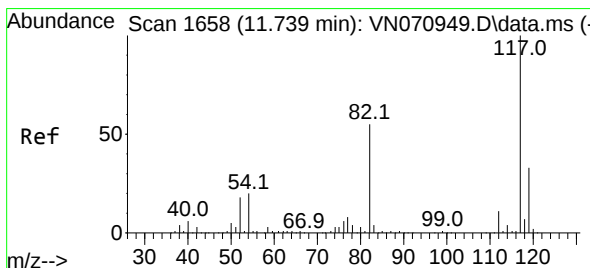
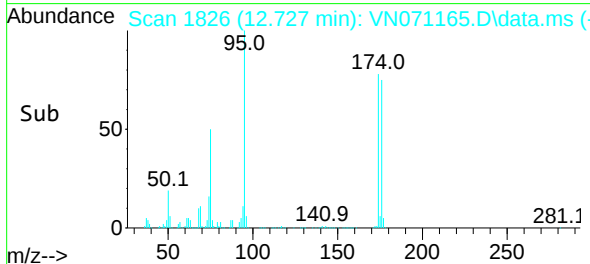
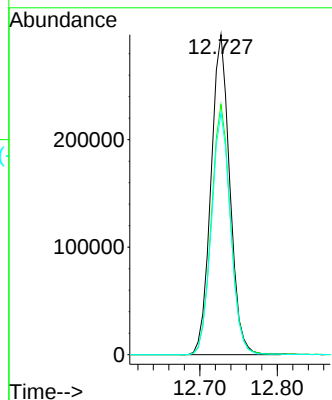
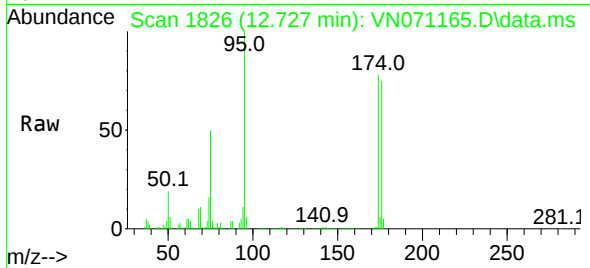




#62
4-Bromofluorobenzene
Concen: 48.302 ug/l
RT: 12.727 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071165.D
Acq: 04 Mar 2022 12:52

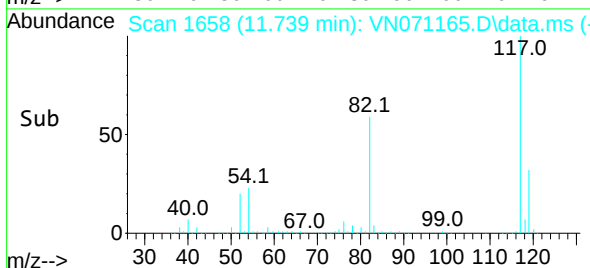
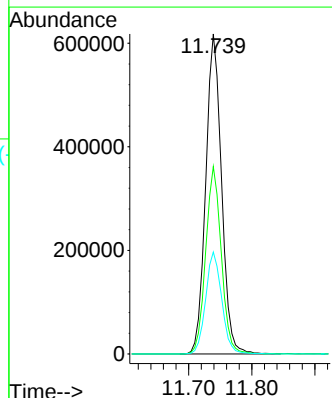
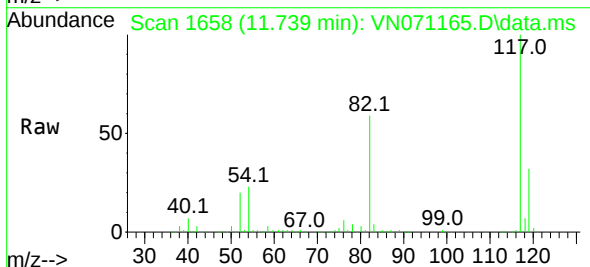
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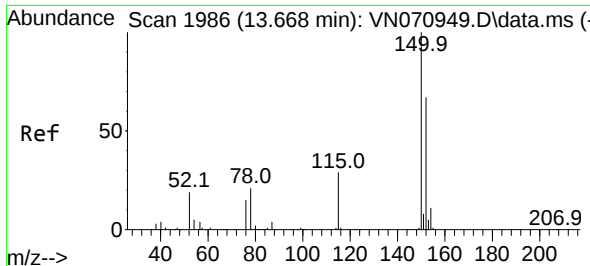
Tgt Ion: 95 Resp: 504575
Ion Ratio Lower Upper
95 100
174 79.4 0.0 187.2
176 76.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071165.D
Acq: 04 Mar 2022 12:52

Tgt Ion: 117 Resp: 1075532
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 31.8 25.4 38.2

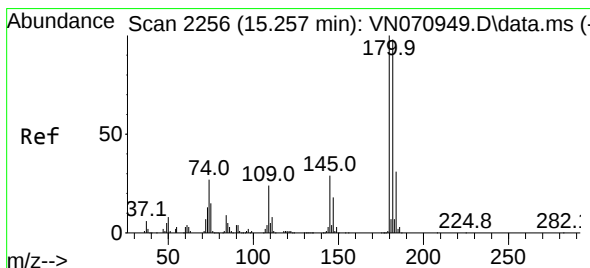
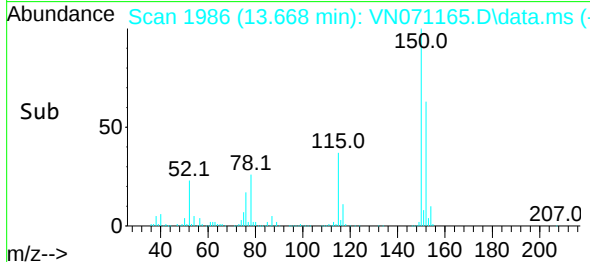
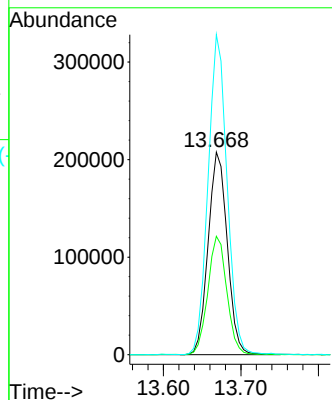
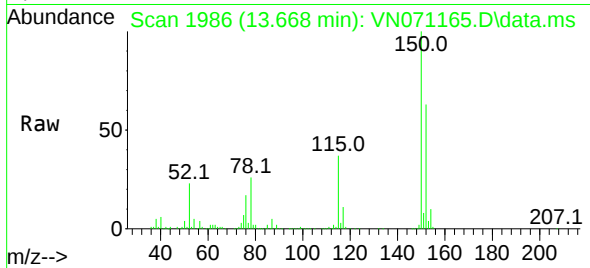




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN071165.D
 Acq: 04 Mar 2022 12:52

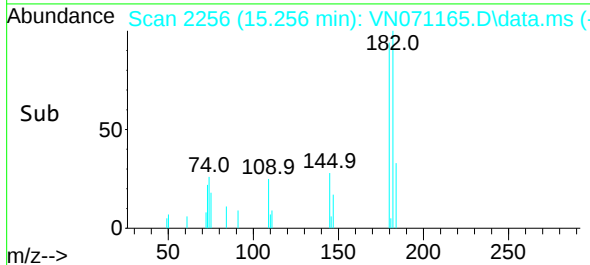
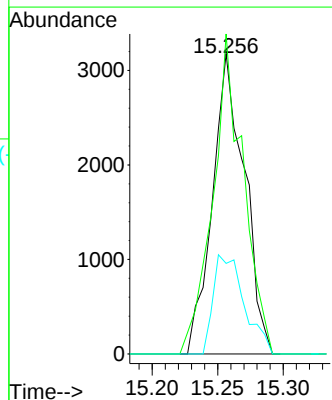
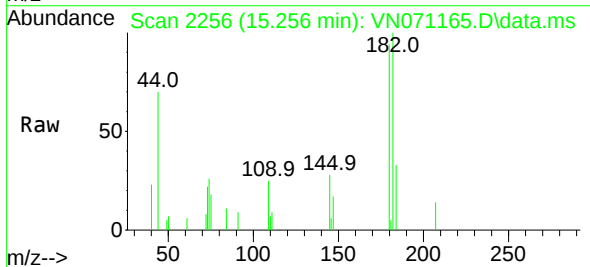
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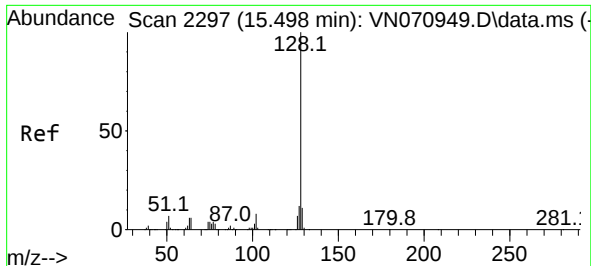
Tgt Ion:152 Resp: 356193
 Ion Ratio Lower Upper
 152 100
 115 58.0 27.5 82.5
 150 157.3 0.0 344.4



#93
 1,2,4-Trichlorobenzene
 Concen: 2.788 ug/l
 RT: 15.256 min Scan# 2256
 Delta R.T. -0.001 min
 Lab File: VN071165.D
 Acq: 04 Mar 2022 12:52

Tgt Ion:180 Resp: 5387
 Ion Ratio Lower Upper
 180 100
 182 101.8 48.3 144.9
 145 31.9 14.5 43.5

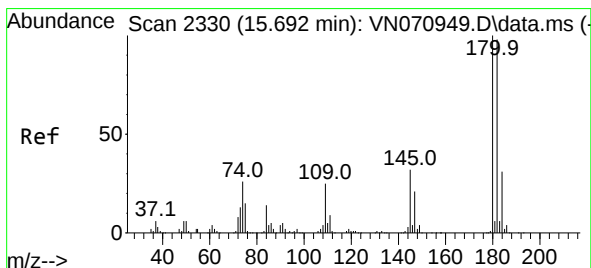
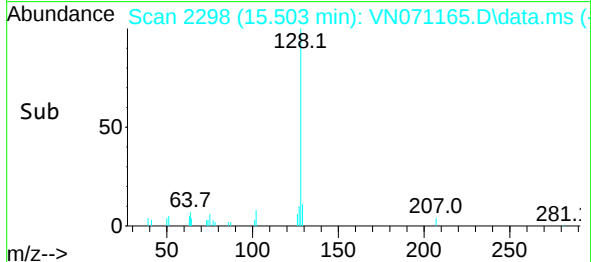
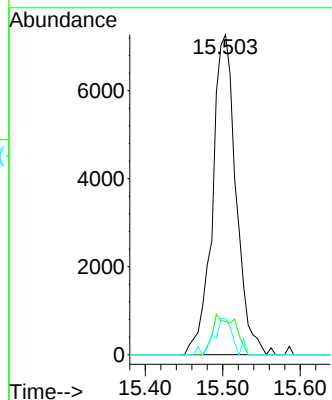
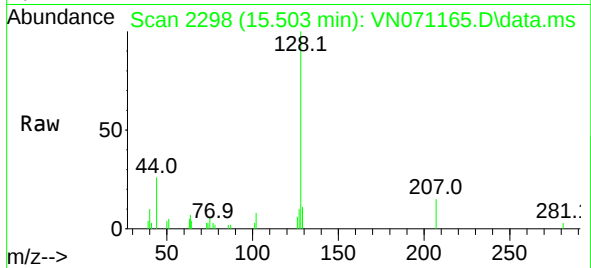




#95
Naphthalene
Concen: 5.861 ug/l
RT: 15.503 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN071165.D
Acq: 04 Mar 2022 12:52

Instrument :
MSVOA_N
ClientSampleId :
EFF-03-22

Tgt Ion:128 Resp: 15408
Ion Ratio Lower Upper
128 100
127 12.0 10.5 15.7
129 8.5 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.504 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071165.D
Acq: 04 Mar 2022 12:52

Tgt Ion:180 Resp: 6292
Ion Ratio Lower Upper
180 100
182 92.3 47.4 142.2
145 33.8 15.0 45.1

