

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021722\
 Data File : VN070989.D
 Acq On : 17 Feb 2022 19:13
 Operator : JC\MD
 Sample : N1581-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-318.9-20220215

Quant Time: Feb 18 00:50:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

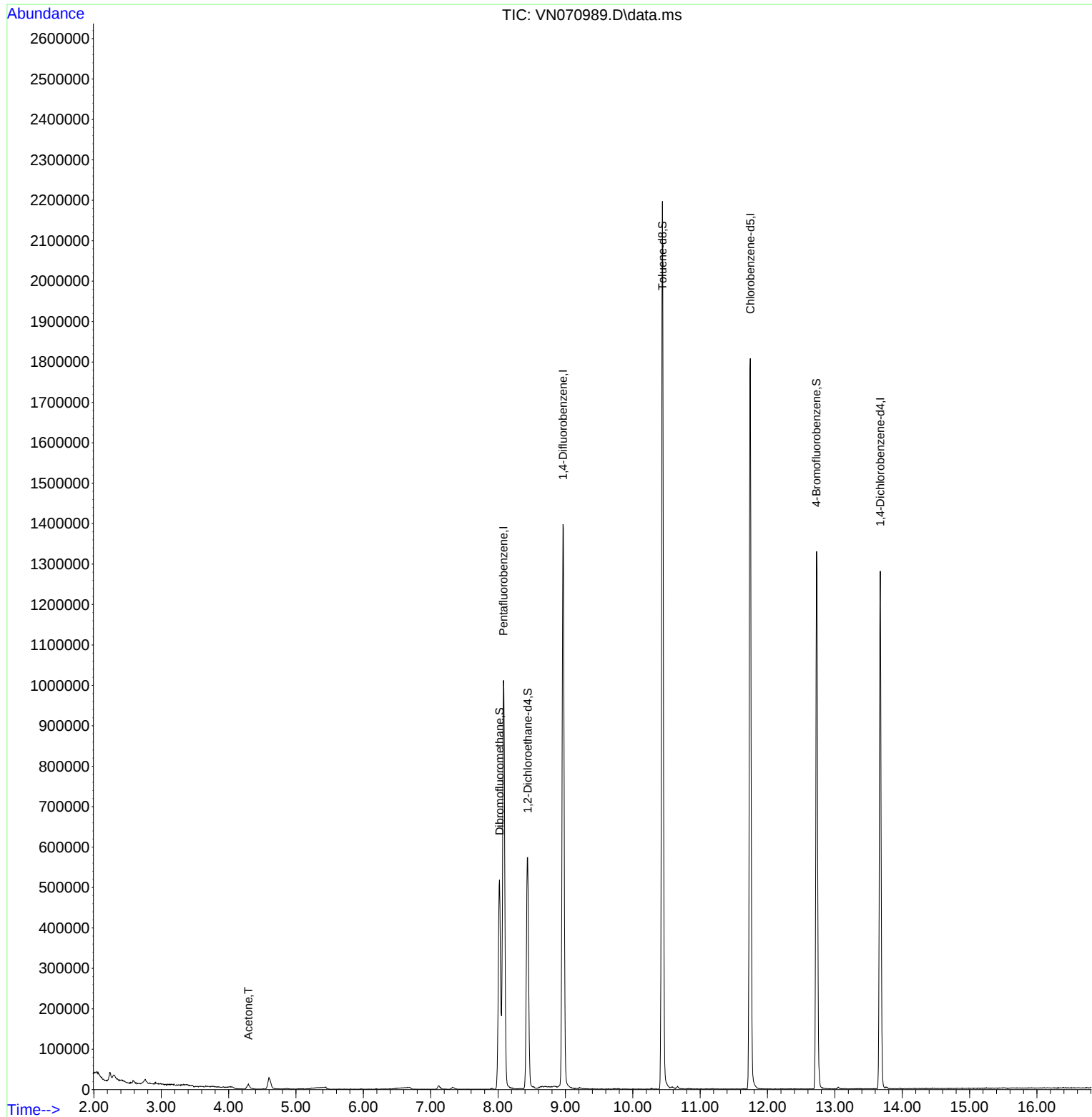
Internal Standards						
1) Pentafluorobenzene	8.081	168	800285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1262310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1110703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	369690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	479402	52.441	ug/l	0.01
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.880%	
35) Dibromofluoromethane	8.022	113	376564	50.154	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.300%	
50) Toluene-d8	10.439	98	1519789	50.404	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.800%	
62) 4-Bromofluorobenzene	12.727	95	480394	44.573	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 89.140%	
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	17046	3.386	ug/l #	87

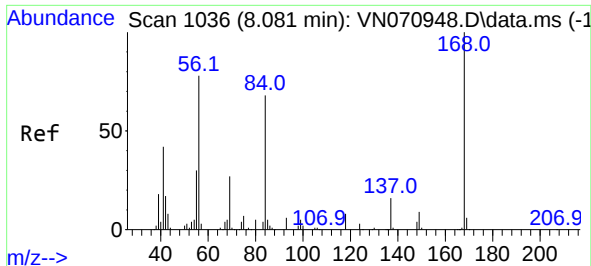
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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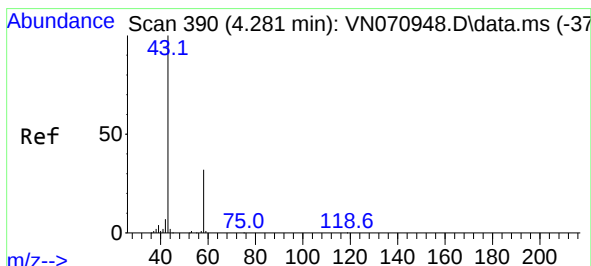
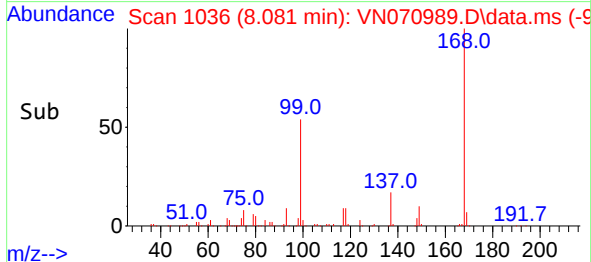
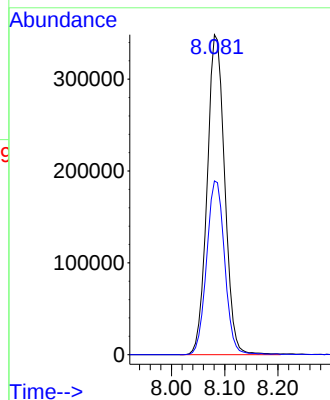
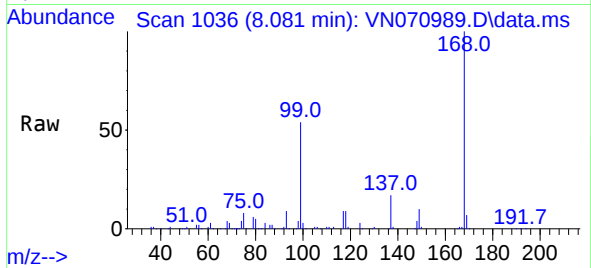




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN070989.D
Acq: 17 Feb 2022 19:13

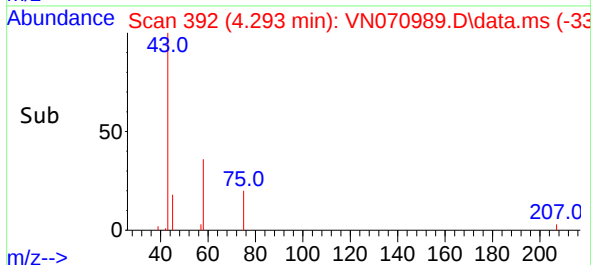
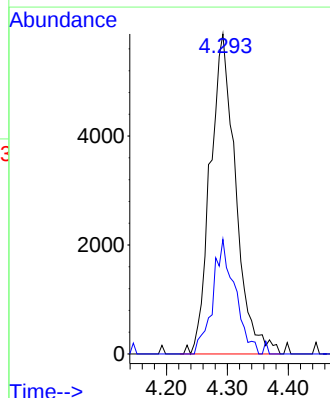
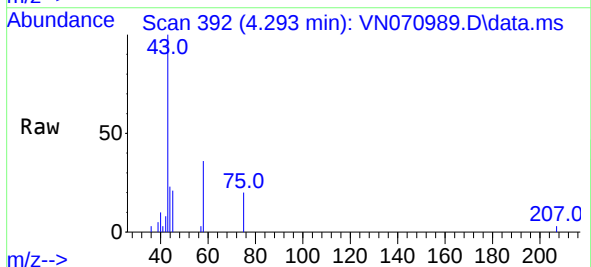
Instrument : MSVOA_N
ClientSampleId : MH-318.9-20220215

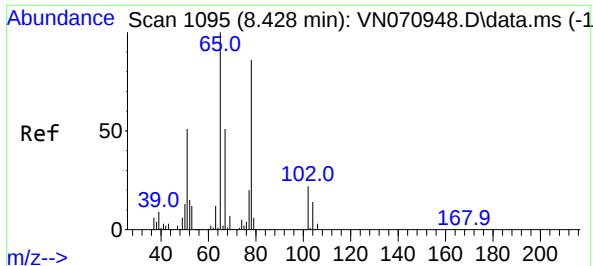
Tgt Ion:168 Resp: 800285
Ion Ratio Lower Upper
168 100
99 54.3 41.3 61.9



#16
Acetone
Concen: 3.386 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN070989.D
Acq: 17 Feb 2022 19:13

Tgt Ion: 43 Resp: 17046
Ion Ratio Lower Upper
43 100
58 35.8 23.1 34.7#





#33

1,2-Dichloroethane-d4

Concen: 52.441 ug/l

RT: 8.439 min Scan# 1095

Delta R.T. 0.012 min

Lab File: VN070989.D

Acq: 17 Feb 2022 19:13

Instrument :

MSVOA_N

ClientSampleId :

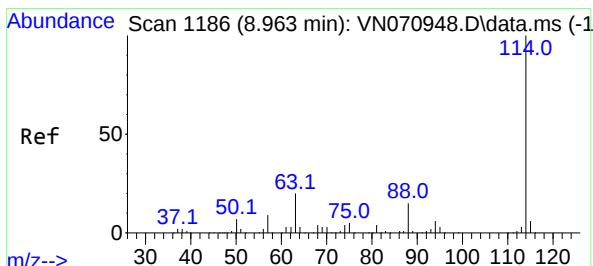
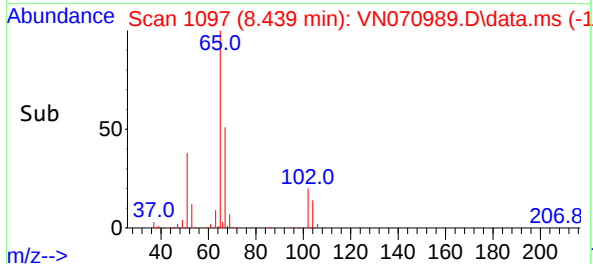
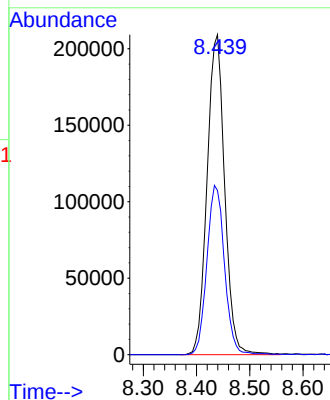
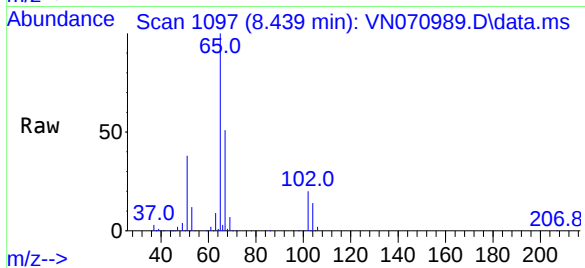
MH-318.9-20220215

Tgt Ion: 65 Resp: 479402

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: VN070989.D

Acq: 17 Feb 2022 19:13

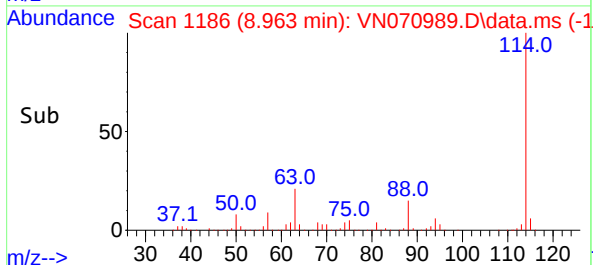
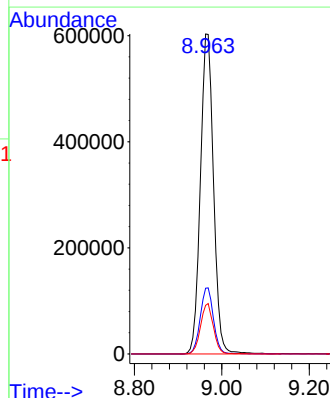
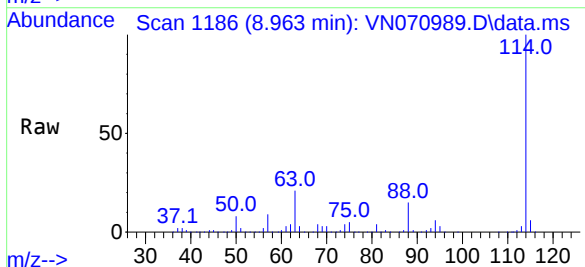
Tgt Ion: 114 Resp: 1262310

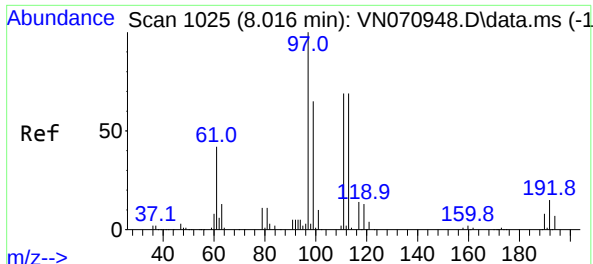
Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.8

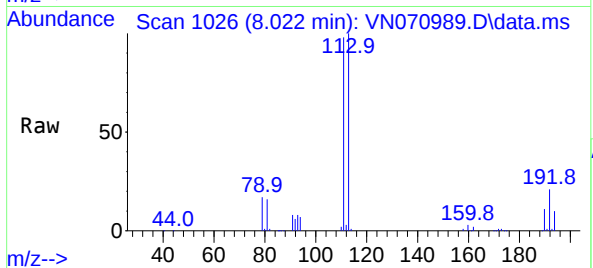
88 15.2 0.0 27.4



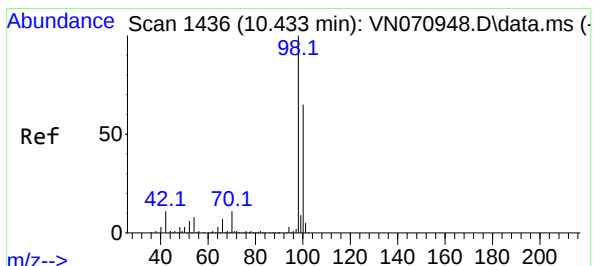
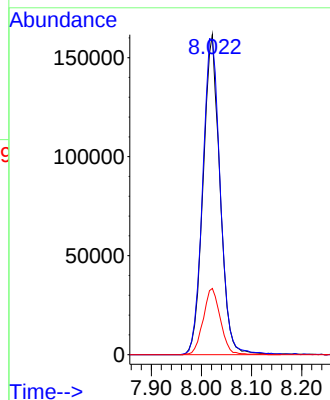
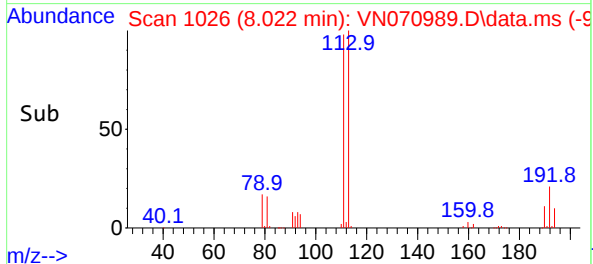


#35
Dibromofluoromethane
Concen: 50.154 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN070989.D
Acq: 17 Feb 2022 19:13

Instrument :
MSVOA_N
ClientSampleId :
MH-318.9-20220215

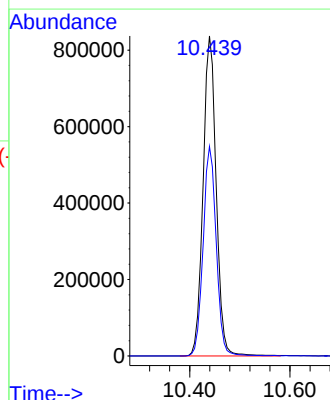
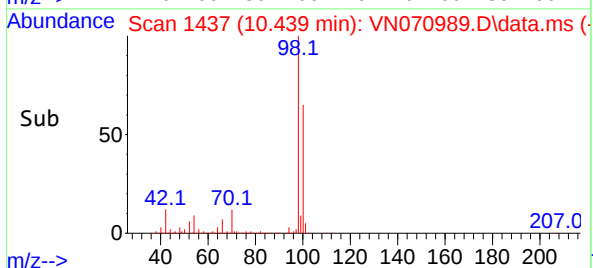
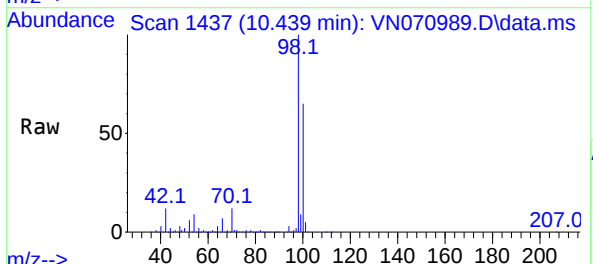


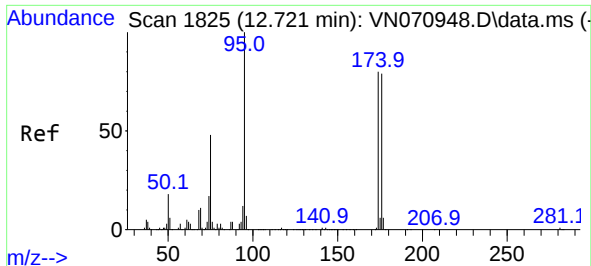
Tgt Ion:113 Resp: 376564
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 21.1 16.9 25.3



#50
Toluene-d8
Concen: 50.404 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN070989.D
Acq: 17 Feb 2022 19:13

Tgt Ion: 98 Resp: 1519789
Ion Ratio Lower Upper
98 100
100 65.3 50.4 75.6

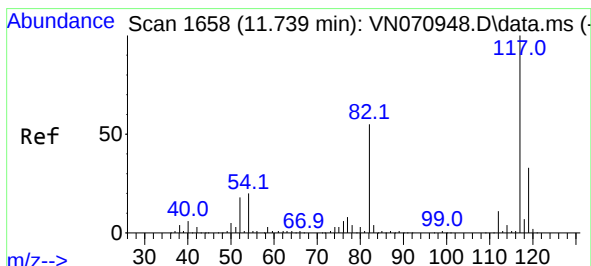
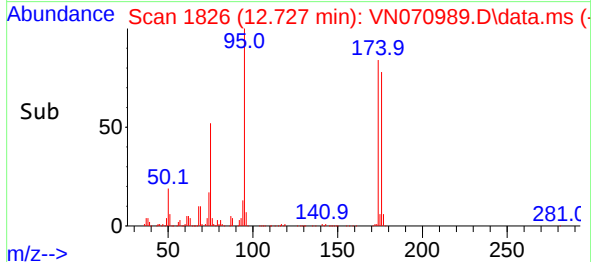
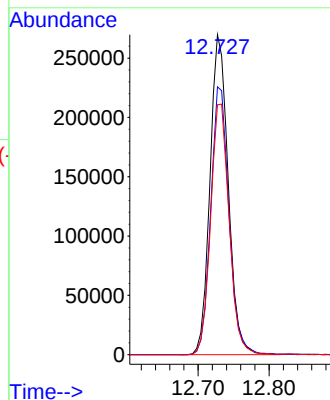
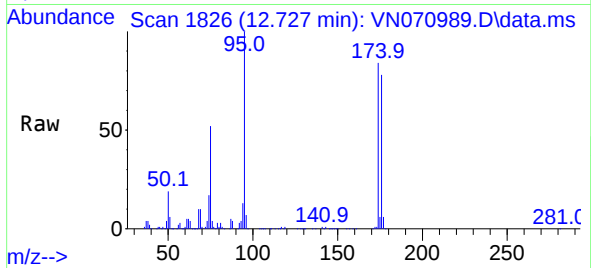




#62
4-Bromofluorobenzene
Concen: 44.573 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070989.D
Acq: 17 Feb 2022 19:13

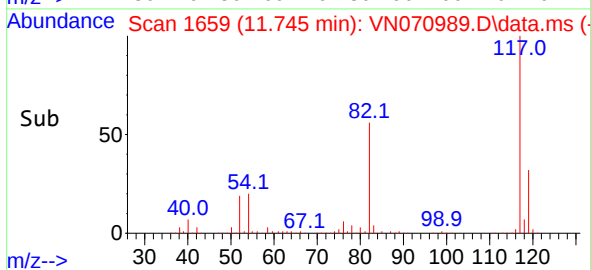
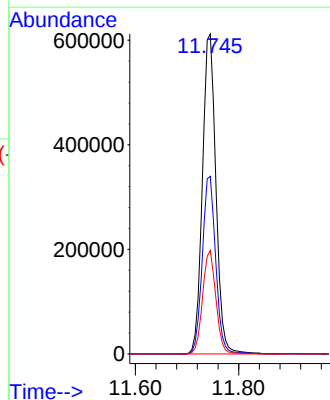
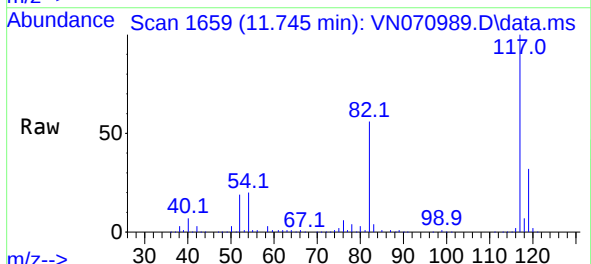
Instrument :
MSVOA_N
ClientSampleId :
MH-318.9-20220215

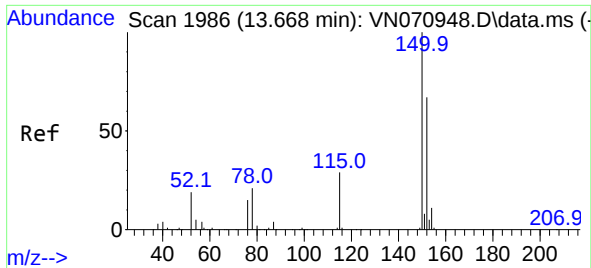
Tgt Ion: 95 Resp: 480394
Ion Ratio Lower Upper
95 100
174 84.0 0.0 187.2
176 79.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN070989.D
Acq: 17 Feb 2022 19:13

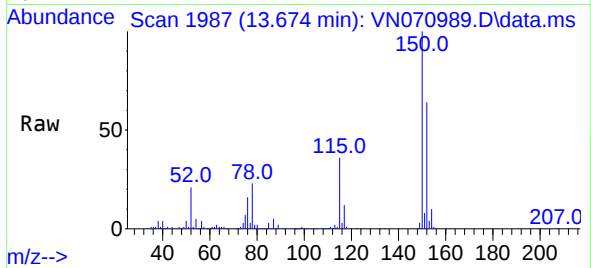
Tgt Ion: 117 Resp: 1110703
Ion Ratio Lower Upper
117 100
82 55.5 42.4 63.6
119 32.3 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 15
 Delta R.T. 0.006 min
 Lab File: VN070989.D
 Acq: 17 Feb 2022 19:13

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-318.9-20220215



Tgt Ion:152 Resp: 369690
 Ion Ratio Lower Upper
 152 100
 115 57.4 27.5 82.5
 150 157.0 0.0 344.4

