

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031622\
 Data File : VN071334.D
 Acq On : 16 Mar 2022 20:49
 Operator : JC\MD
 Sample : N1957-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MP-4

Quant Time: Mar 17 05:21:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

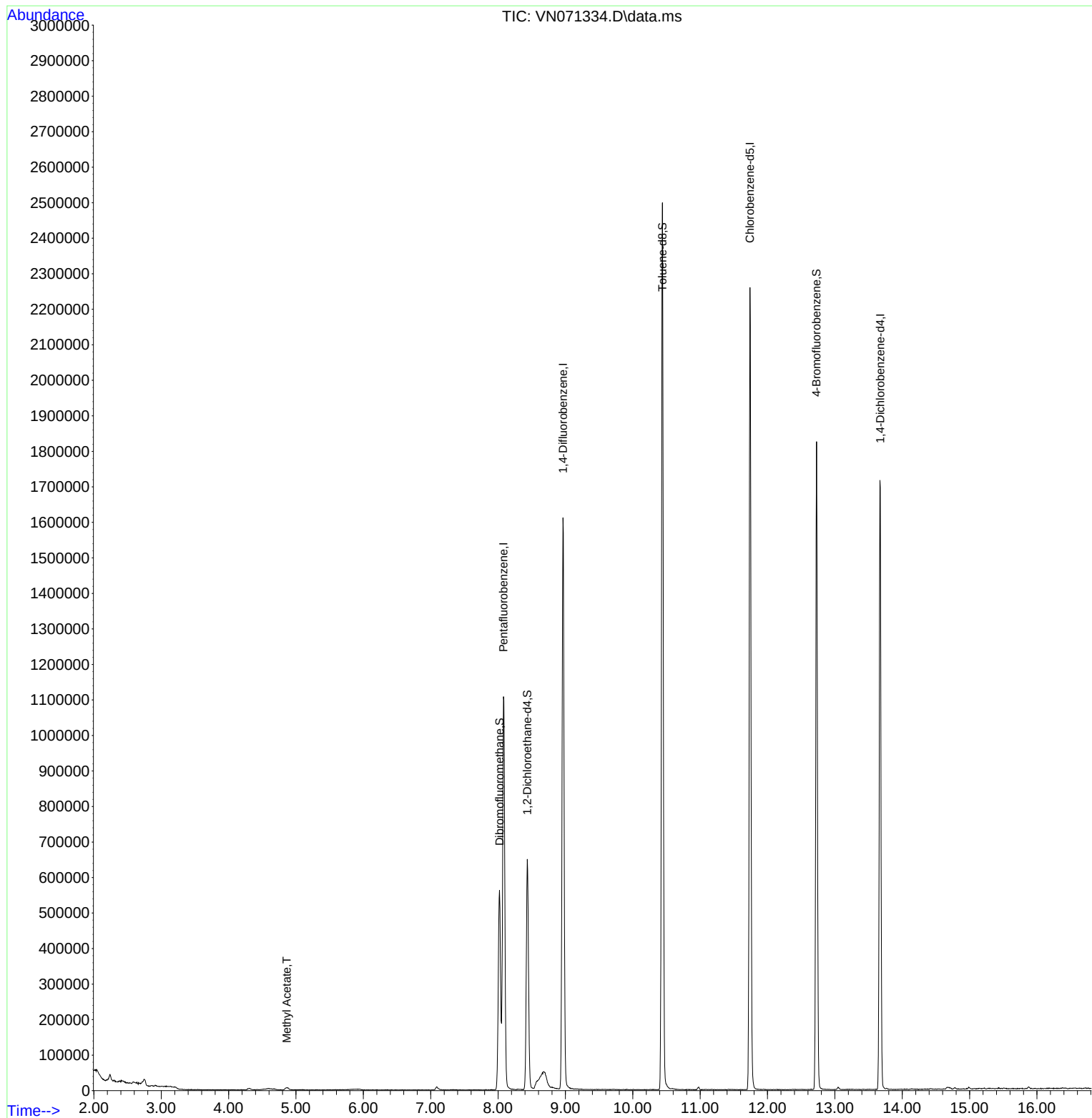
Internal Standards						
1) Pentafluorobenzene	8.081	168	858115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1404073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1309261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	476938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	539489	45.872	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.740%
35) Dibromofluoromethane	8.022	113	417342	47.103	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.200%
50) Toluene-d8	10.439	98	1716259	48.110	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.220%
62) 4-Bromofluorobenzene	12.727	95	633286	52.424	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.840%
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.863	43	15683	1.481	ug/l #	78

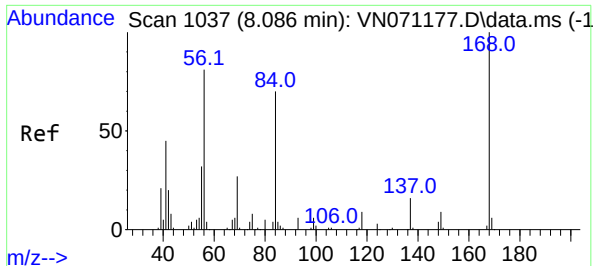
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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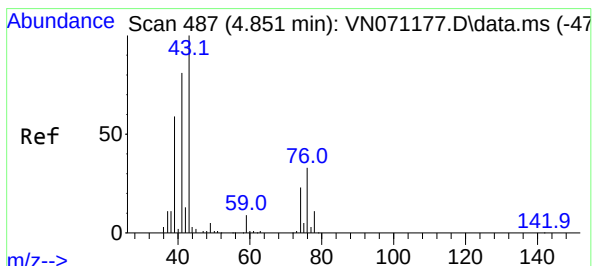
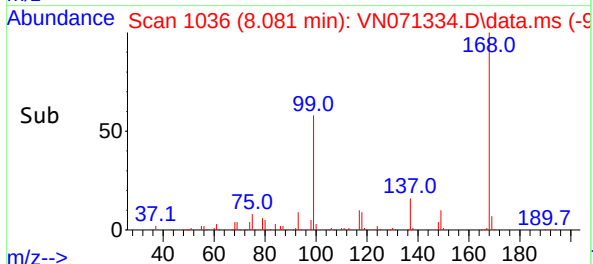
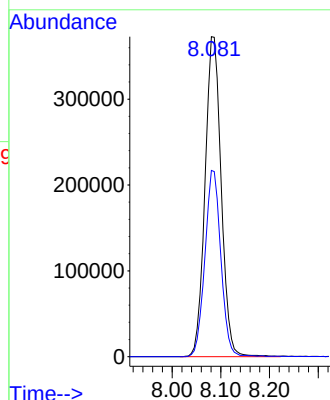
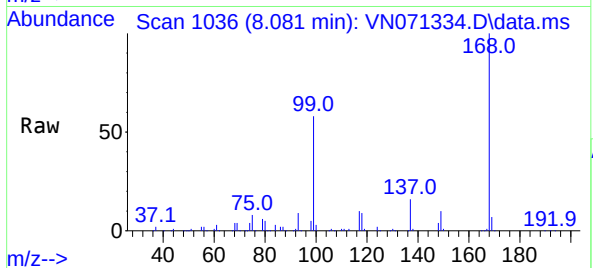




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071334.D
Acq: 16 Mar 2022 20:49

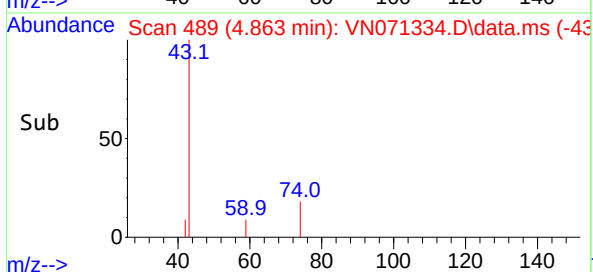
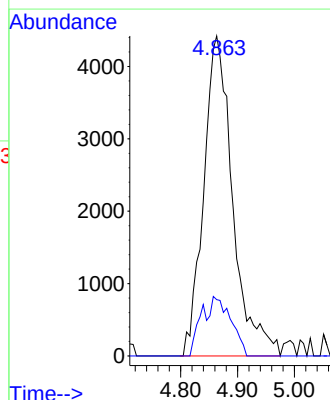
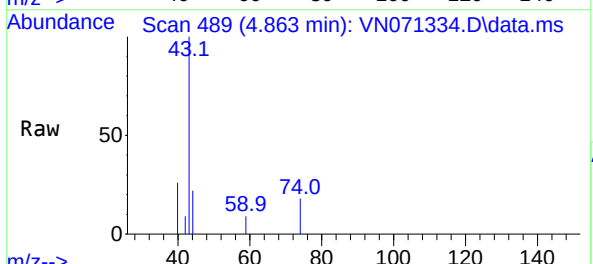
Instrument :
MSVOA_N
ClientSampleId :
MP-4

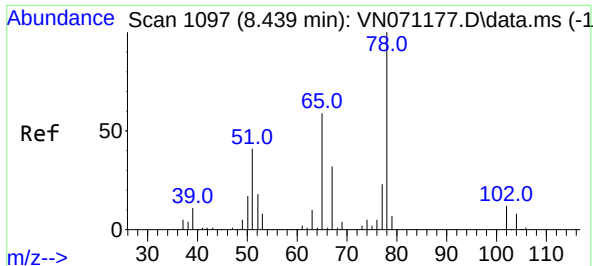
Tgt Ion:168 Resp: 858115
Ion Ratio Lower Upper
168 100
99 58.2 41.3 61.9



#18
Methyl Acetate
Concen: 1.481 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.012 min
Lab File: VN071334.D
Acq: 16 Mar 2022 20:49

Tgt Ion: 43 Resp: 15683
Ion Ratio Lower Upper
43 100
74 13.3 19.4 29.2#





#33

1,2-Dichloroethane-d4

Concen: 45.872 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN071334.D

Acq: 16 Mar 2022 20:49

Instrument :

MSVOA_N

ClientSampleId :

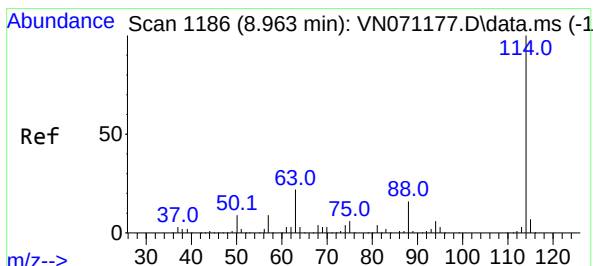
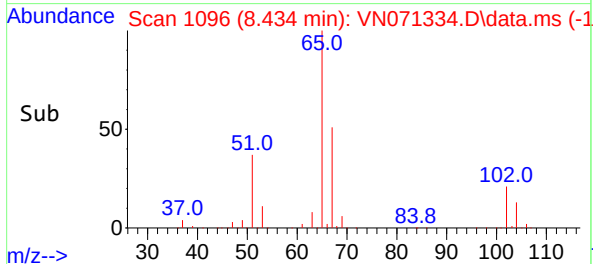
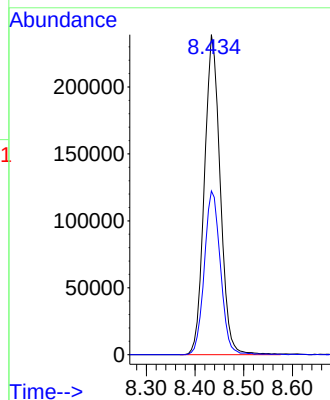
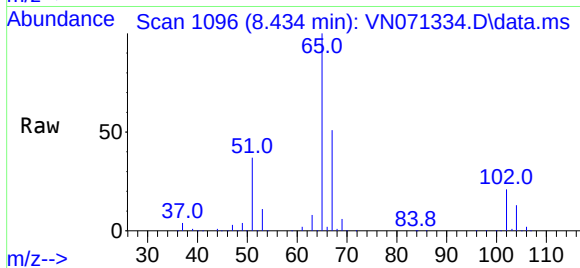
MP-4

Tgt Ion: 65 Resp: 539489

Ion Ratio Lower Upper

65 100

67 52.1 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: VN071334.D

Acq: 16 Mar 2022 20:49

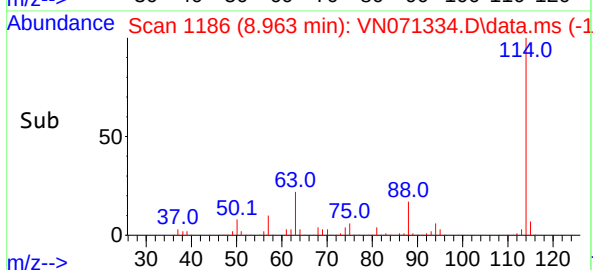
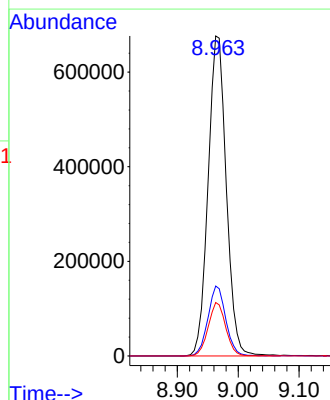
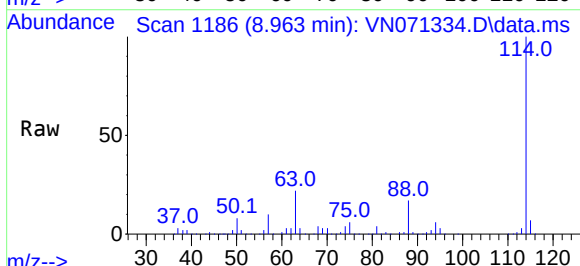
Tgt Ion: 114 Resp: 1404073

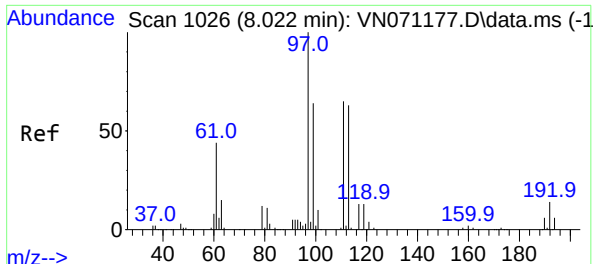
Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.8

88 16.7 0.0 27.4

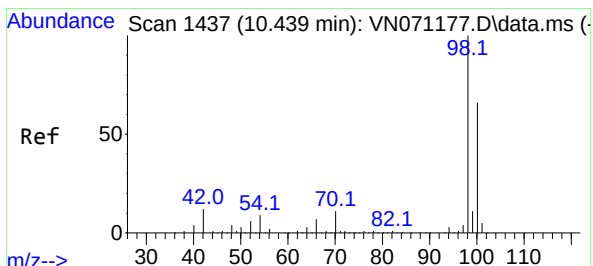
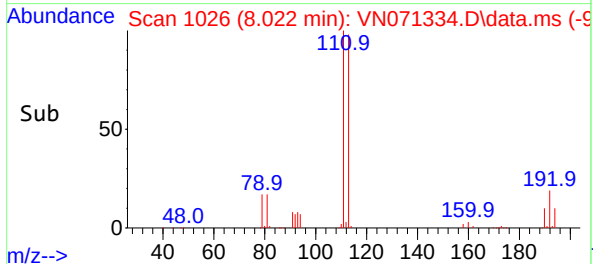
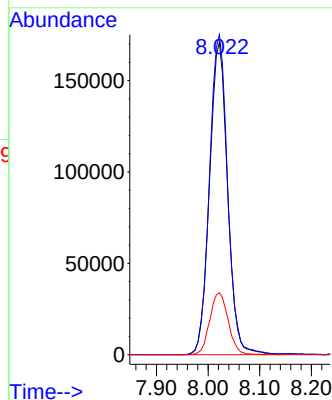
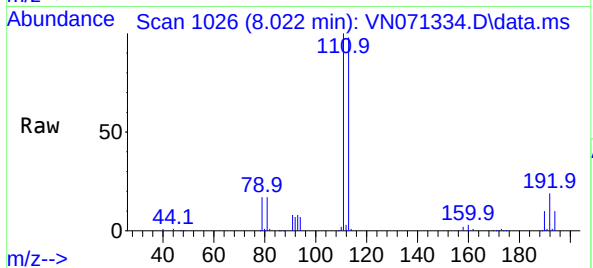




#35
Dibromofluoromethane
Concen: 47.103 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN071334.D
Acq: 16 Mar 2022 20:49

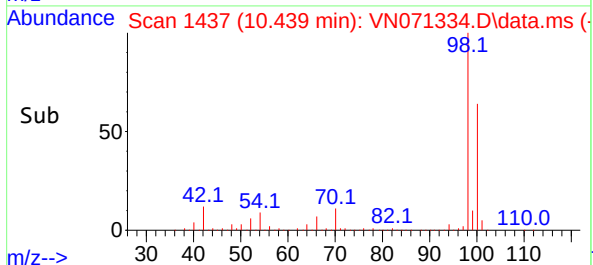
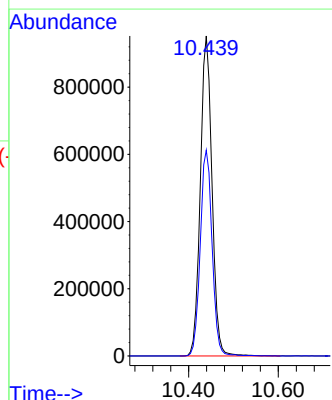
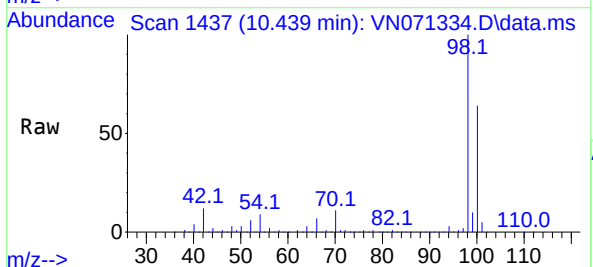
Instrument :
MSVOA_N
ClientSampleId :
MP-4

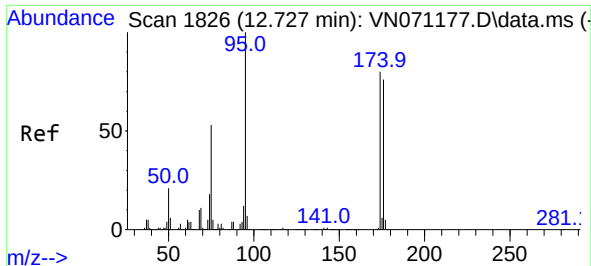
Tgt Ion:113 Resp: 417342
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 20.1 16.9 25.3



#50
Toluene-d8
Concen: 48.110 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071334.D
Acq: 16 Mar 2022 20:49

Tgt Ion: 98 Resp: 1716259
Ion Ratio Lower Upper
98 100
100 65.3 50.4 75.6

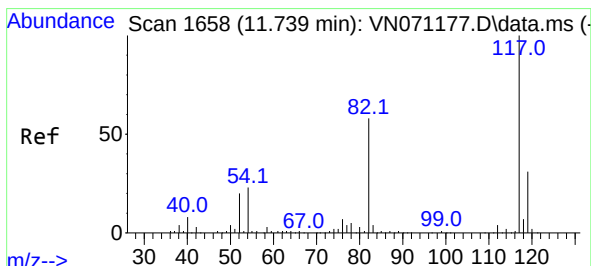
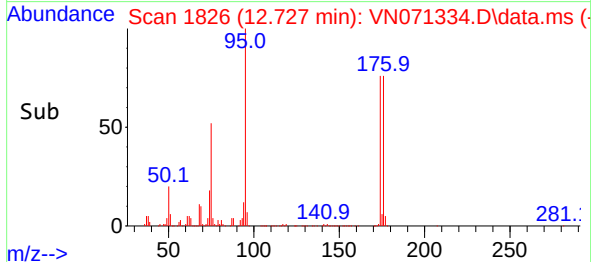
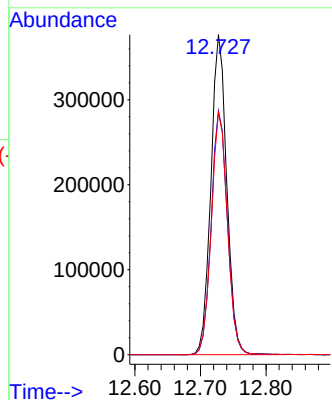
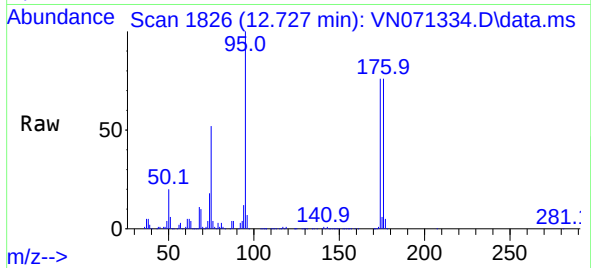




#62
4-Bromofluorobenzene
Concen: 52.424 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071334.D
Acq: 16 Mar 2022 20:49

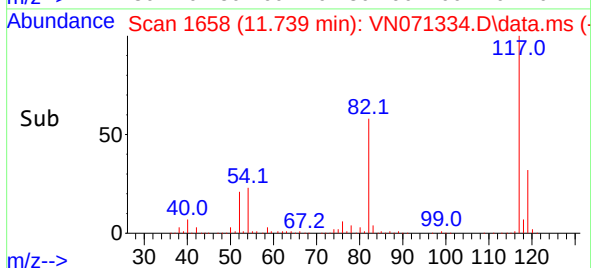
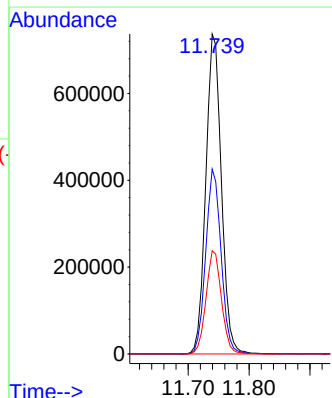
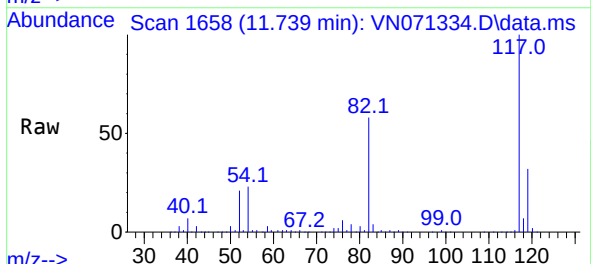
Instrument :
MSVOA_N
ClientSampleId :
MP-4

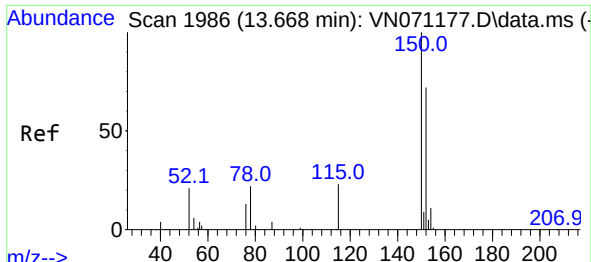
Tgt Ion: 95 Resp: 633286
Ion Ratio Lower Upper
95 100
174 77.9 0.0 187.2
176 76.7 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071334.D
Acq: 16 Mar 2022 20:49

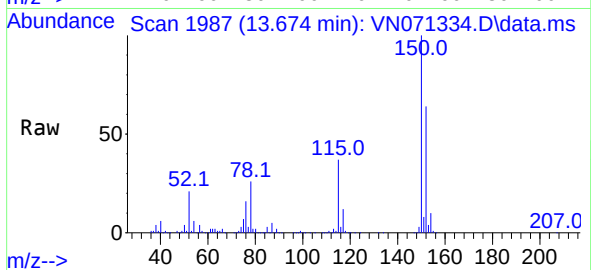
Tgt Ion: 117 Resp: 1309261
Ion Ratio Lower Upper
117 100
82 57.8 42.4 63.6
119 32.3 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1987
 Delta R.T. 0.006 min
 Lab File: VN071334.D
 Acq: 16 Mar 2022 20:49

Instrument :
 MSVOA_N
 ClientSampleId :
 MP-4



Tgt Ion:152 Resp: 476938
 Ion Ratio Lower Upper
 152 100
 115 58.3 27.5 82.5
 150 157.8 0.0 344.4

