

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080321\
 Data File : VN067985.D
 Acq On : 3 Aug 2021 16:36
 Operator : JC/MD
 Sample : PB138159ZHE#01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB138159ZHE#01

Quant Time: Aug 04 03:40:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

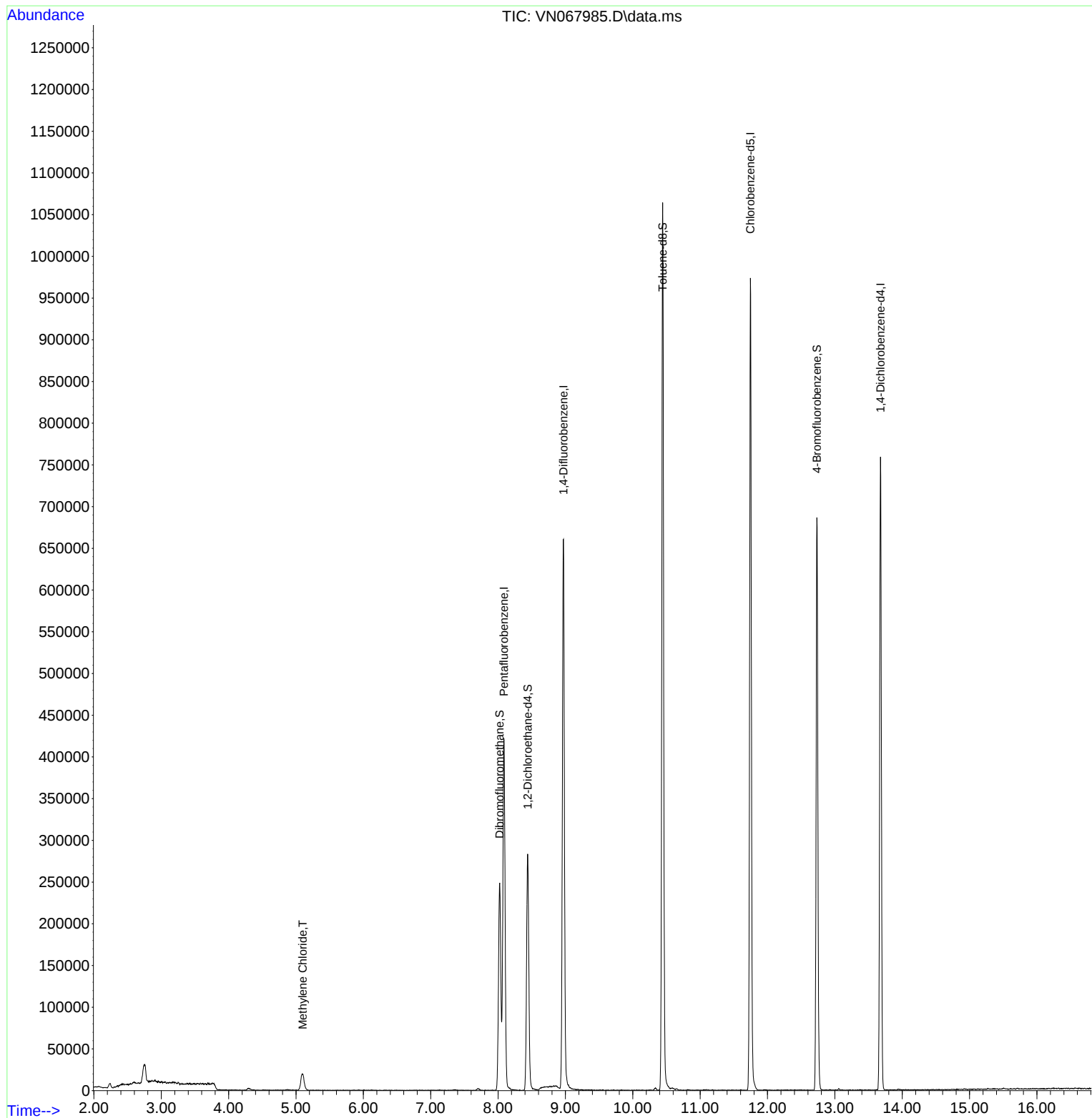
Internal Standards						
1) Pentafluorobenzene	8.088	168	301921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	585668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	562838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	198655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	239478	56.029	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	112.060%
35) Dibromofluoromethane	8.024	113	182715	53.532	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.060%
50) Toluene-d8	10.443	98	744382	47.468	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.940%
62) 4-Bromofluorobenzene	12.734	95	243812	43.054	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.100%
Target Compounds						
20) Methylene Chloride	5.101	84	17047	4.475	ug/l	Qvalue 85

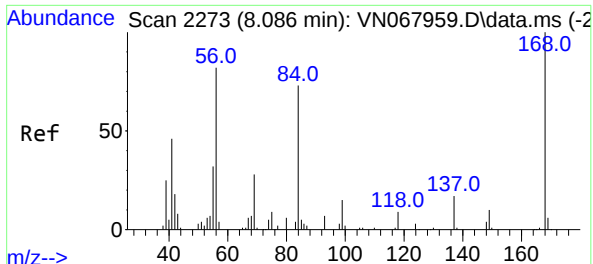
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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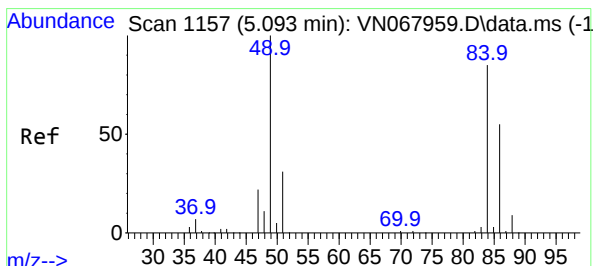
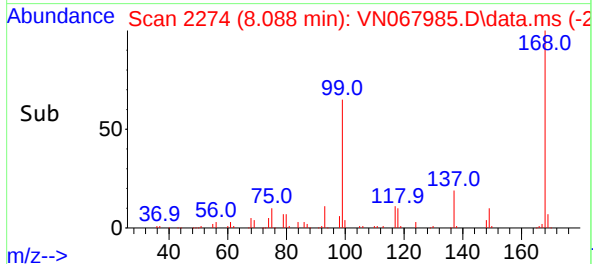
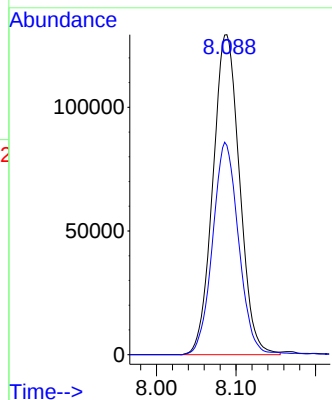
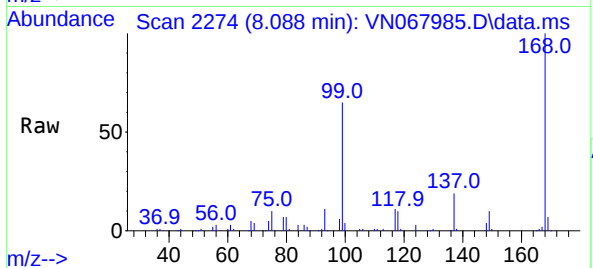




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067985.D
Acq: 3 Aug 2021 16:36

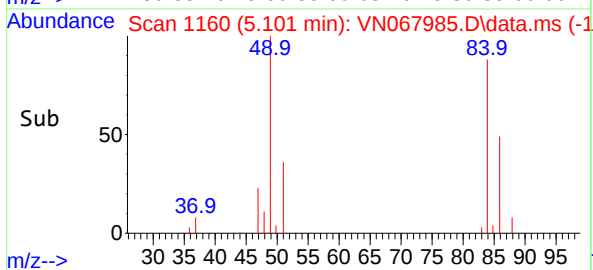
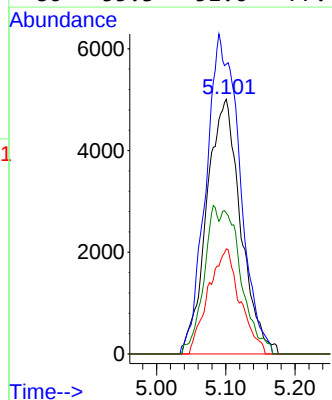
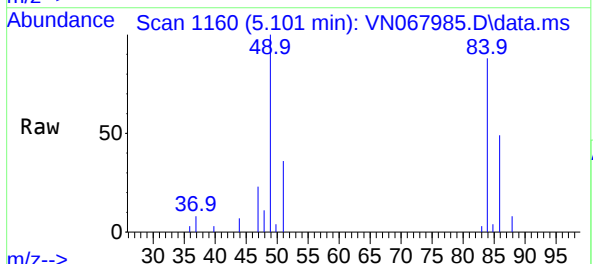
Instrument :
MSVOA_N
ClientSampleId :
PB138159ZHE#01

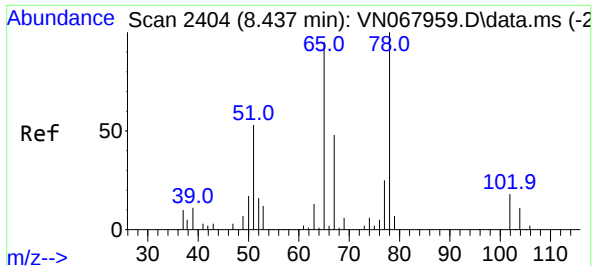
Tgt Ion:168 Resp: 301921
Ion Ratio Lower Upper
168 100
99 65.3 62.9 94.3



#20
Methylene Chloride
Concen: 4.475 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.008 min
Lab File: VN067985.D
Acq: 3 Aug 2021 16:36

Tgt Ion: 84 Resp: 17047
Ion Ratio Lower Upper
84 100
49 113.7 110.9 166.3
51 41.3 32.6 49.0
86 55.3 51.6 77.4



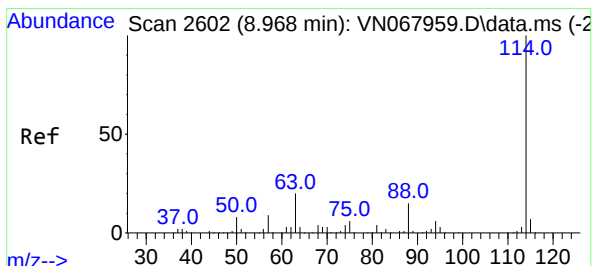
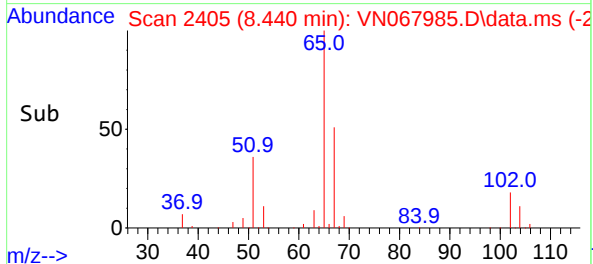
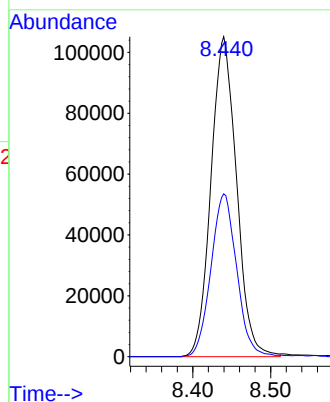
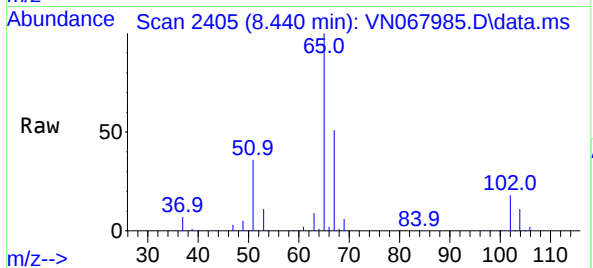


#33

1,2-Dichloroethane-d4
Concen: 56.029 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN067985.D
Acq: 3 Aug 2021 16:36

Instrument :
MSVOA_N
ClientSampleId :
PB138159ZHE#01

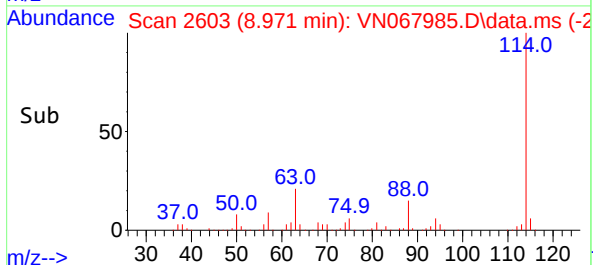
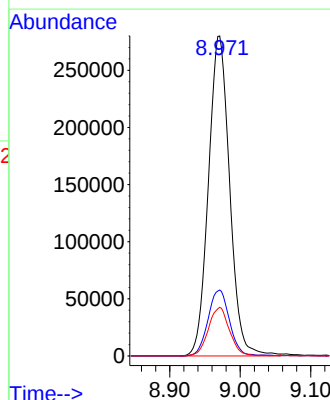
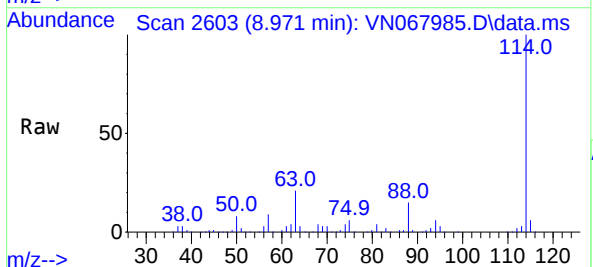
Tgt Ion: 65 Resp: 239478
Ion Ratio Lower Upper
65 100
67 51.2 0.0 98.6

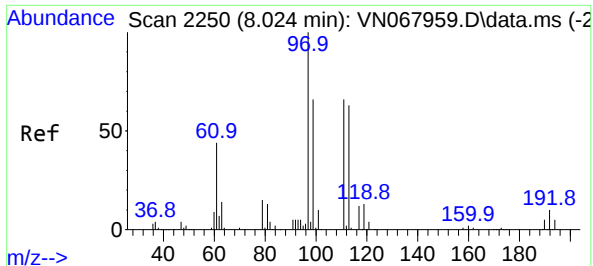


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067985.D
Acq: 3 Aug 2021 16:36

Tgt Ion: 114 Resp: 585668
Ion Ratio Lower Upper
114 100
63 20.6 0.0 49.0
88 15.2 0.0 36.6

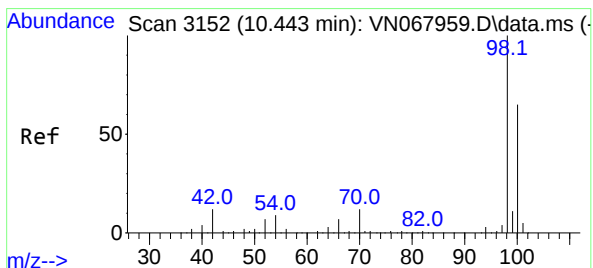
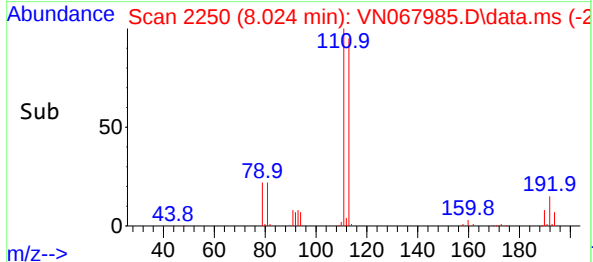
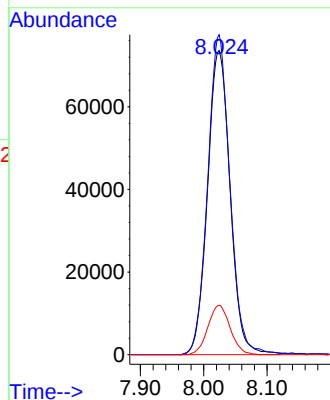
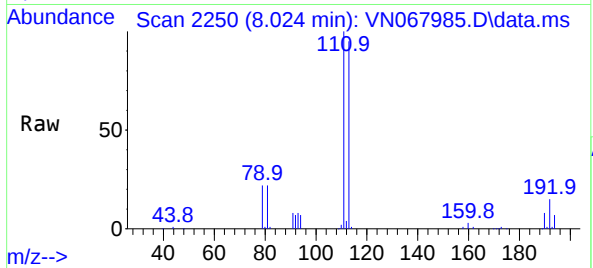




#35
Dibromofluoromethane
Concen: 53.532 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN067985.D
Acq: 3 Aug 2021 16:36

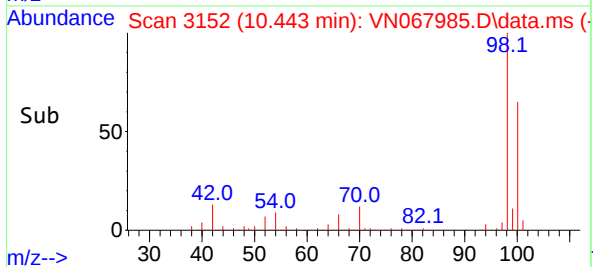
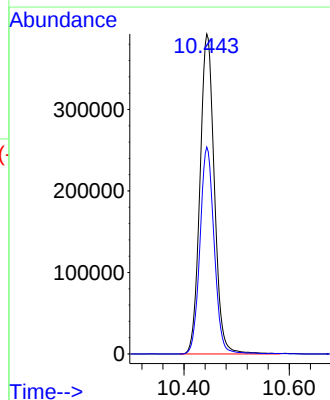
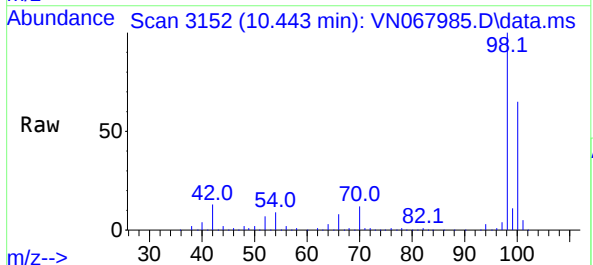
Instrument :
MSVOA_N
ClientSampleId :
PB138159ZHE#01

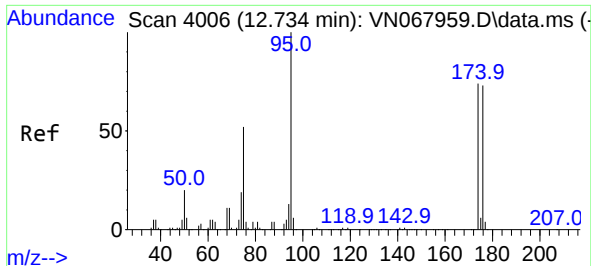
Tgt Ion:113 Resp: 182715
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.8
192 16.0 13.4 20.0



#50
Toluene-d8
Concen: 47.468 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067985.D
Acq: 3 Aug 2021 16:36

Tgt Ion: 98 Resp: 744382
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5

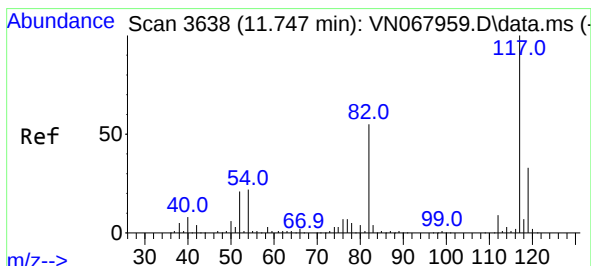
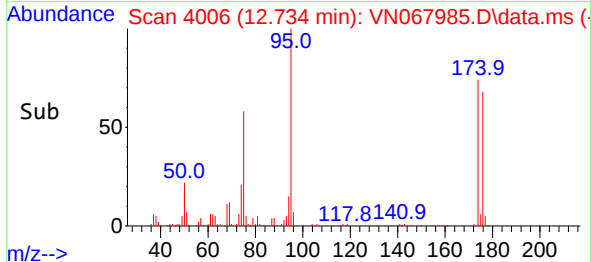
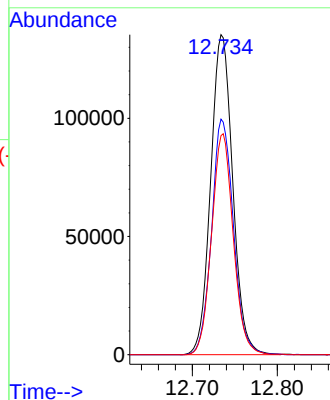
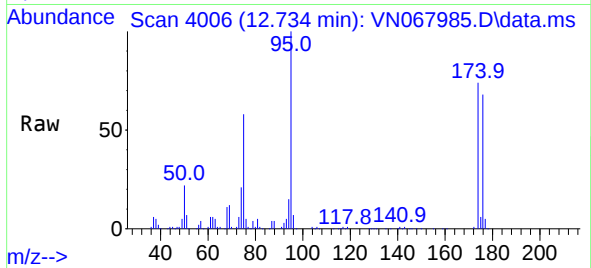




#62
4-Bromofluorobenzene
Concen: 43.054 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067985.D
Acq: 3 Aug 2021 16:36

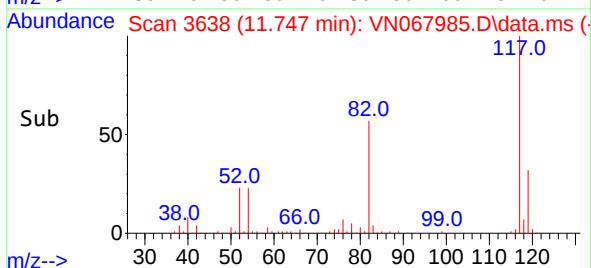
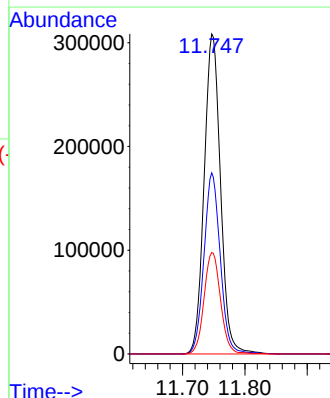
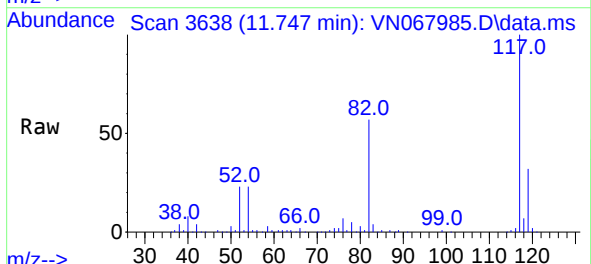
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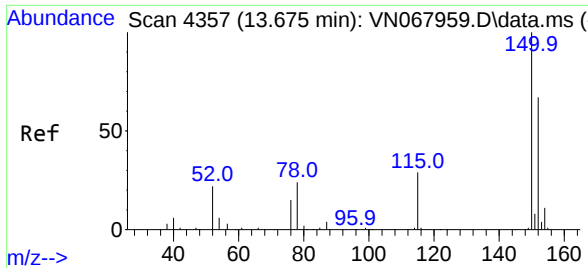
Tgt Ion: 95 Resp: 243812
Ion Ratio Lower Upper
95 100
174 73.0 0.0 122.0
176 67.9 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067985.D
Acq: 3 Aug 2021 16:36

Tgt Ion: 117 Resp: 562838
Ion Ratio Lower Upper
117 100
82 56.6 53.1 79.7
119 31.7 25.5 38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067985.D
Acq: 3 Aug 2021 16:36

Instrument :
MSVOA_N
ClientSampleId :
PB138159ZHE#01

Tgt Ion:152 Resp: 198655
Ion Ratio Lower Upper
152 100
115 62.6 36.1 108.5
150 159.7 0.0 351.8

