

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100721\
 Data File : VN068843.D
 Acq On : 7 Oct 2021 15:57
 Operator : JC/MD
 Sample : M4111-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GROWS-1

Quant Time: Oct 08 05:59:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 14:41:09 2021
 Response via : Initial Calibration

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

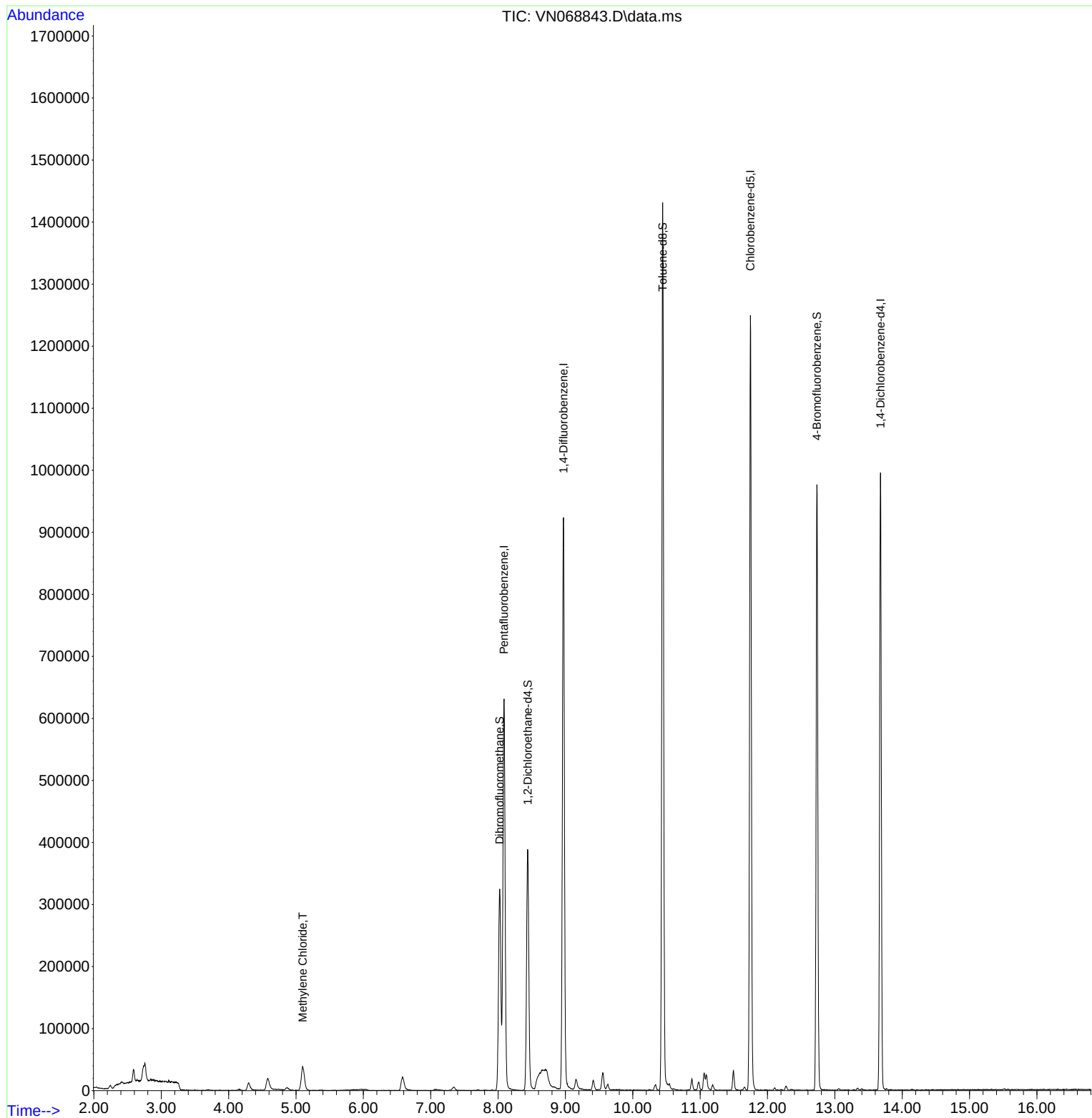
Internal Standards						
1) Pentafluorobenzene	8.088	168	457125	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	798574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	712126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	251603	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	321436	47.85	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.70%
35) Dibromofluoromethane	8.024	113	234401	44.68	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	89.36%
50) Toluene-d8	10.443	98	979643	47.89	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.78%
62) 4-Bromofluorobenzene	12.733	95	309431	40.98	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	81.96%
Target Compounds						
20) Methylene Chloride	5.098	84	30413	4.12	ug/l	Qvalue 89

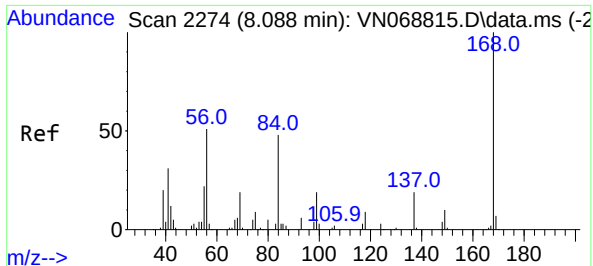
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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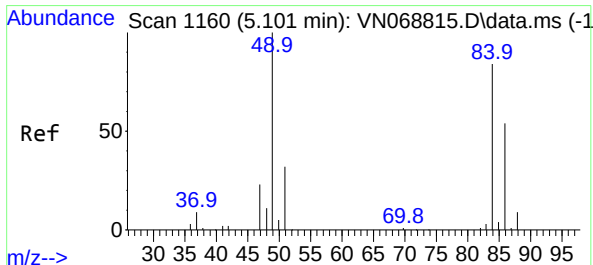
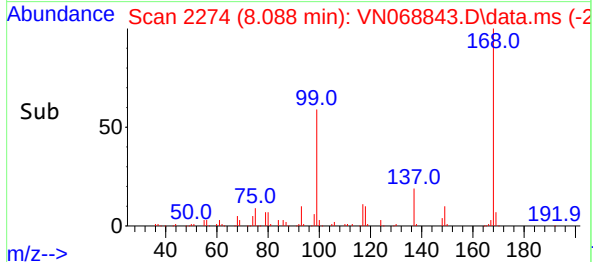
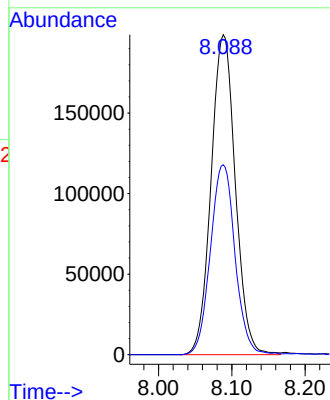
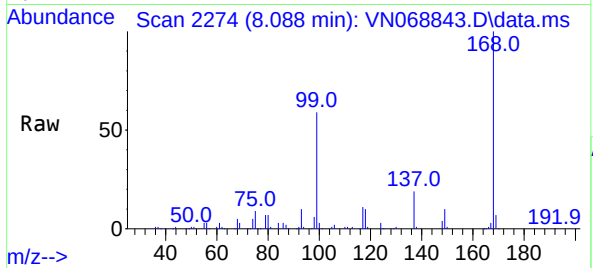




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068843.D
Acq: 7 Oct 2021 15:57

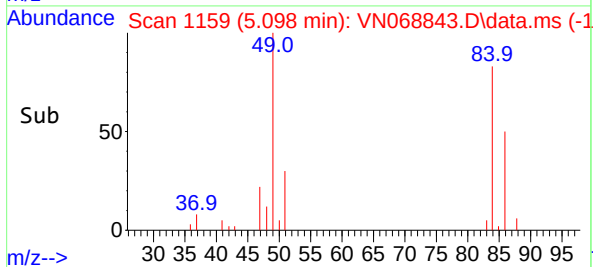
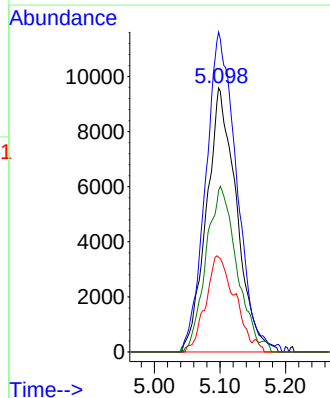
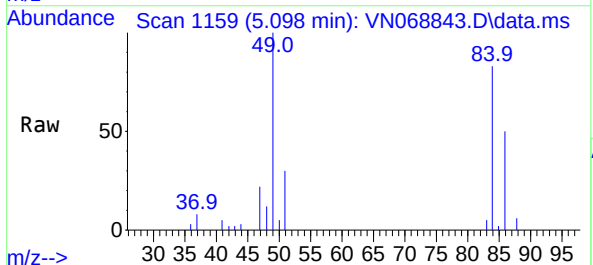
Instrument :
MSVOA_N
ClientSampled :
GROWS-1

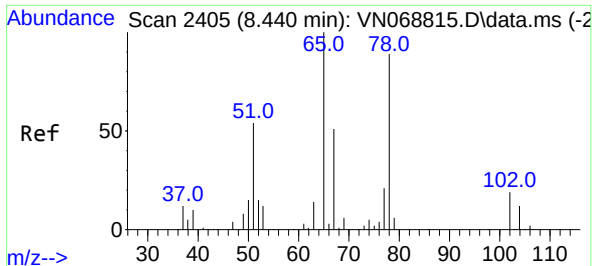
Tgt Ion:168 Resp: 457125
Ion Ratio Lower Upper
168 100
99 59.4 62.9 94.3#



#20
Methylene Chloride
Concen: 4.12 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. -0.003 min
Lab File: VN068843.D
Acq: 7 Oct 2021 15:57

Tgt Ion: 84 Resp: 30413
Ion Ratio Lower Upper
84 100
49 121.2 110.9 166.3
51 35.9 32.6 49.0
86 61.2 51.6 77.4

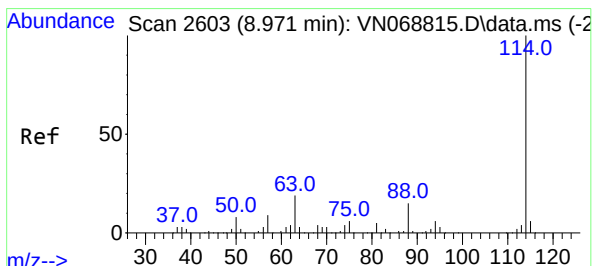
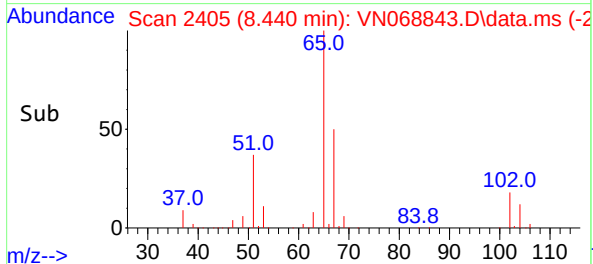
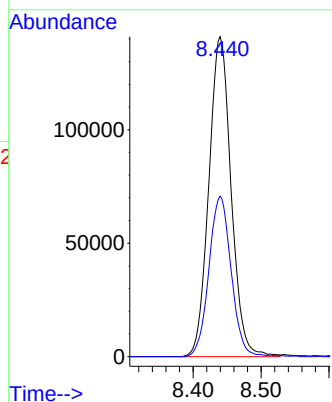
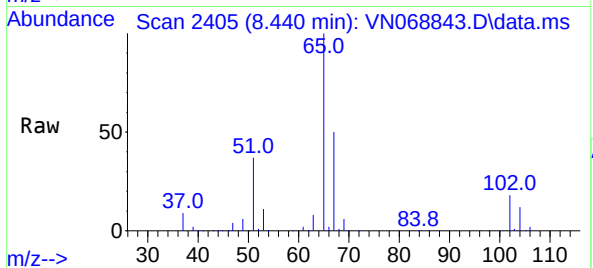




#33
1,2-Dichloroethane-d4
Concen: 47.85 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068843.D
Acq: 7 Oct 2021 15:57

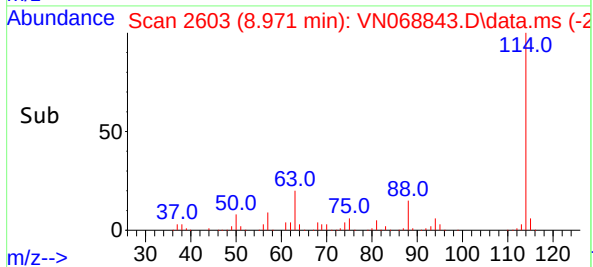
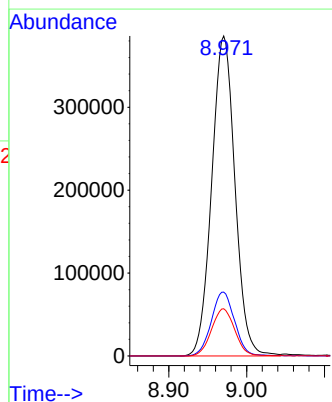
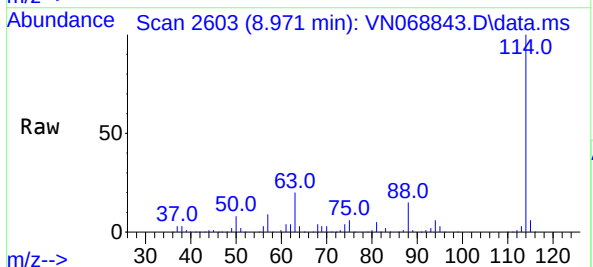
Instrument :
MSVOA_N
ClientSampled :
GROWS-1

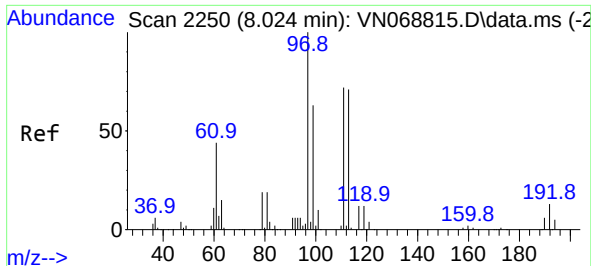
Tgt Ion: 65 Resp: 321436
Ion Ratio Lower Upper
65 100
67 49.9 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068843.D
Acq: 7 Oct 2021 15:57

Tgt Ion: 114 Resp: 798574
Ion Ratio Lower Upper
114 100
63 20.0 0.0 49.0
88 14.8 0.0 36.6

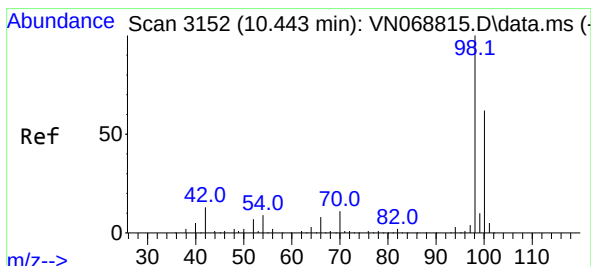
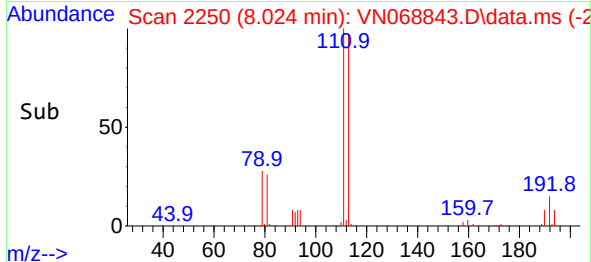
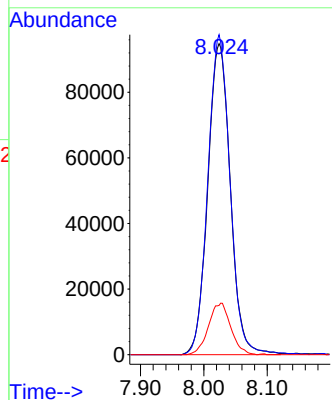
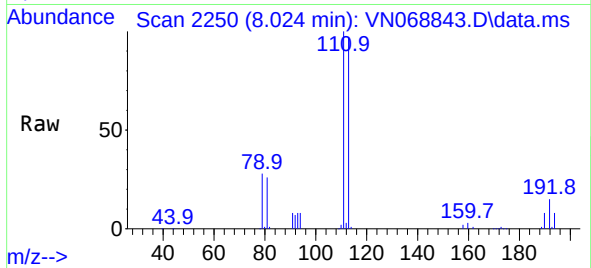




#35
Dibromofluoromethane
Concen: 44.68 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068843.D
Acq: 7 Oct 2021 15:57

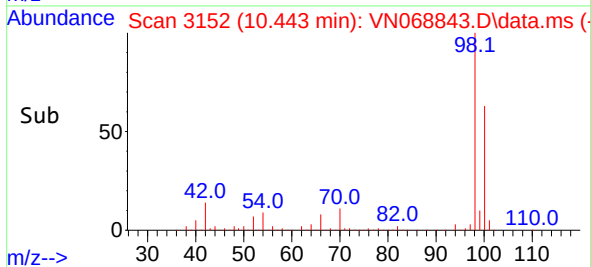
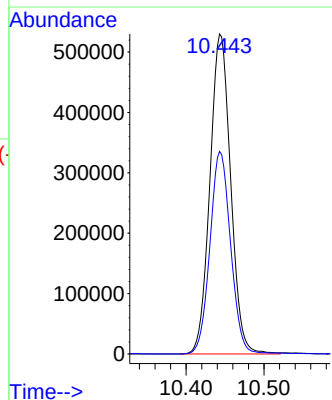
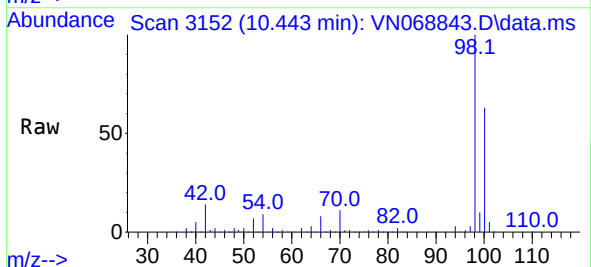
Instrument :
MSVOA_N
ClientSampled :
GROWS-1

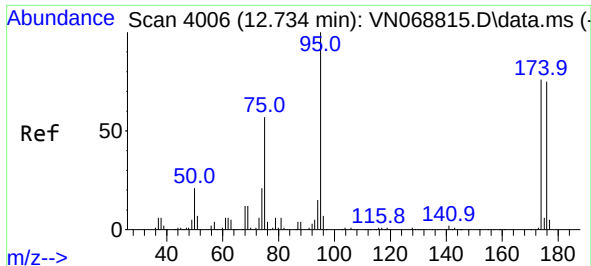
Tgt Ion:113 Resp: 234401
Ion Ratio Lower Upper
113 100
111 101.1 83.8 125.8
192 16.4 13.4 20.0



#50
Toluene-d8
Concen: 47.89 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068843.D
Acq: 7 Oct 2021 15:57

Tgt Ion: 98 Resp: 979643
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5

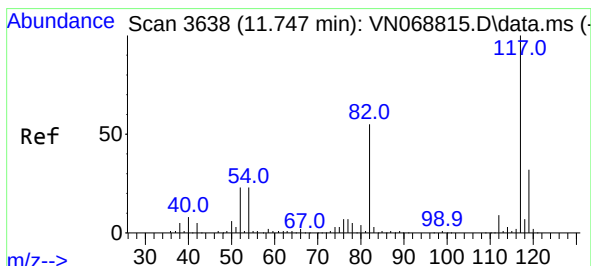
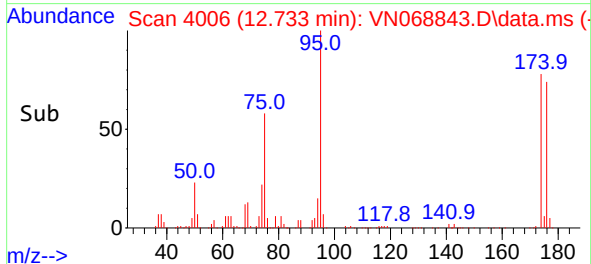
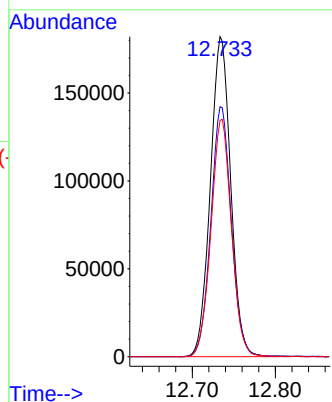
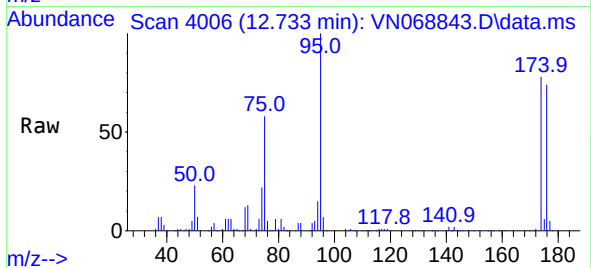




#62
4-Bromofluorobenzene
Concen: 40.98 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068843.D
Acq: 7 Oct 2021 15:57

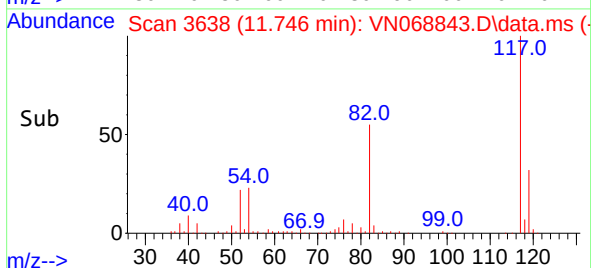
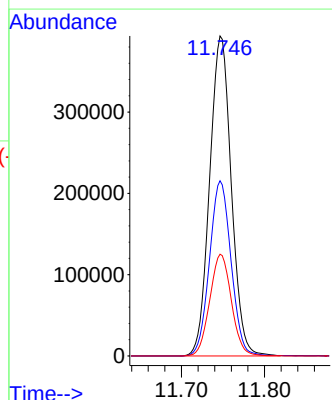
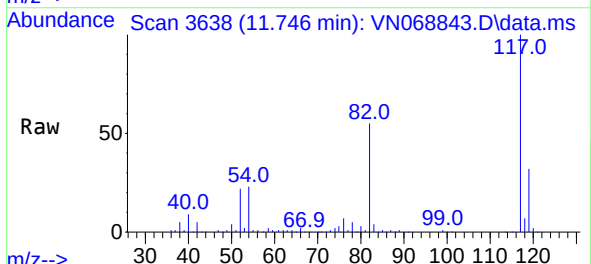
Instrument :
MSVOA_N
ClientSampleId :
GROWS-1

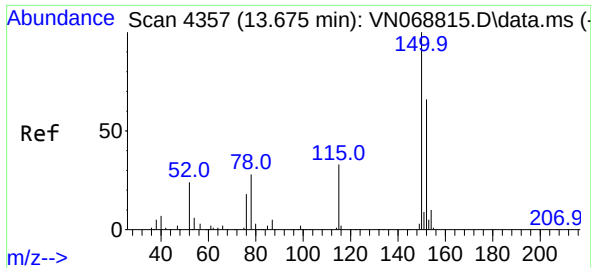
Tgt Ion: 95 Resp: 309431
Ion Ratio Lower Upper
95 100
174 78.7 0.0 122.0
176 74.6 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068843.D
Acq: 7 Oct 2021 15:57

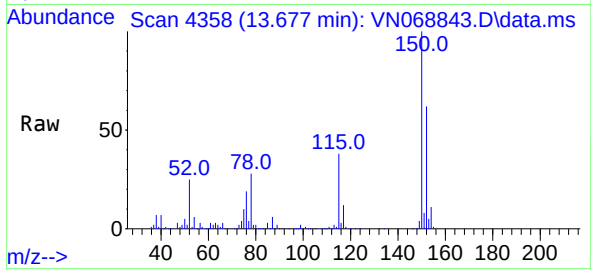
Tgt Ion: 117 Resp: 712126
Ion Ratio Lower Upper
117 100
82 54.7 53.1 79.7
119 31.8 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.002 min
 Lab File: VN068843.D
 Acq: 7 Oct 2021 15:57

Instrument :
 MSVOA_N
 ClientSampled :
 GROWS-1



Tgt Ion:152 Resp: 251603

Ion	Ratio	Lower	Upper
152	100		
115	61.6	36.1	108.5
150	160.8	0.0	351.8

