

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100721\
 Data File : VN068844.D
 Acq On : 7 Oct 2021 16:22
 Operator : JC/MD
 Sample : M4111-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GROWS-2

Quant Time: Oct 08 05:59:58 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)

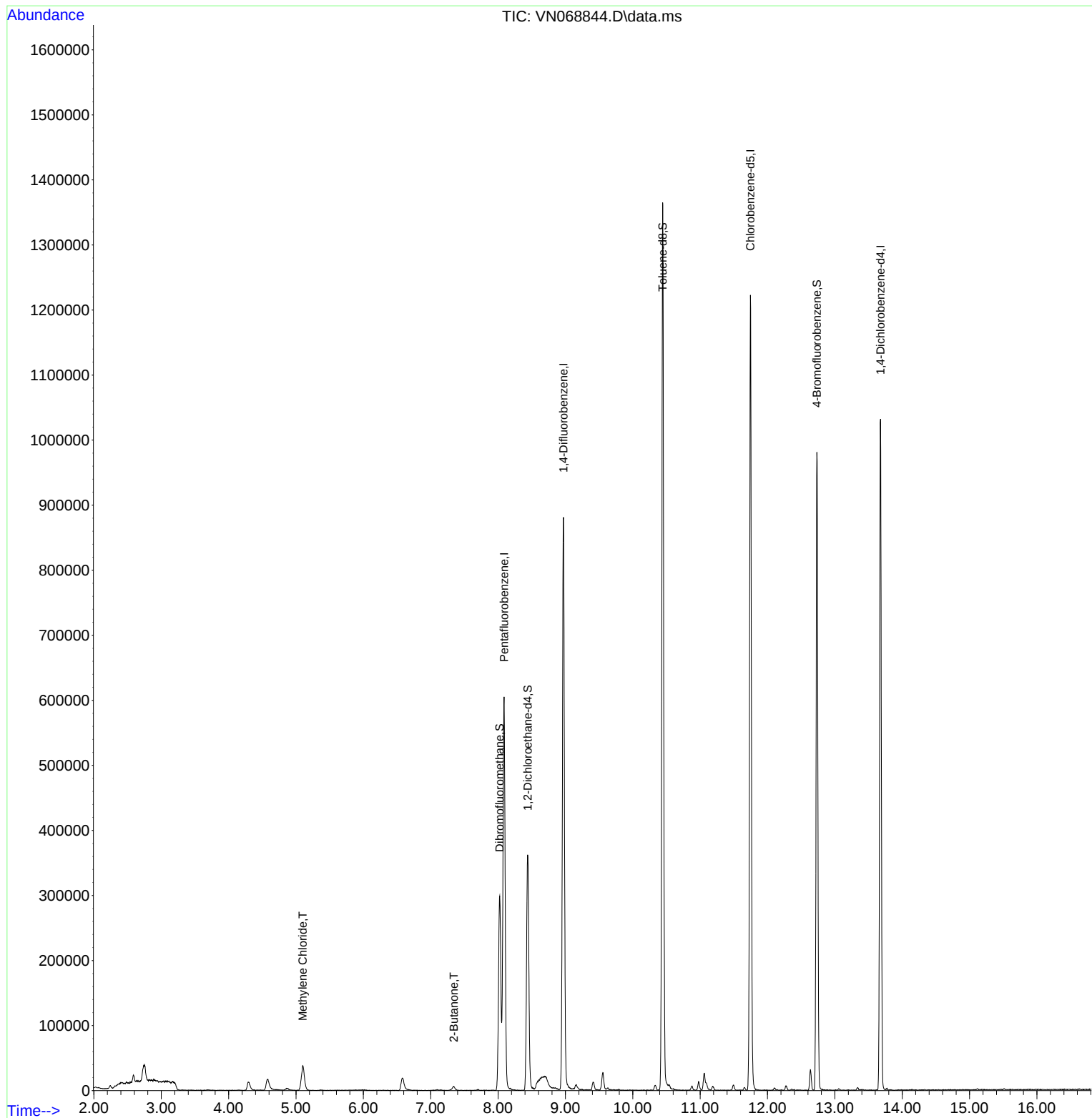
Internal Standards						
1) Pentafluorobenzene	8.091	168	435301	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	761230	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	695083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	261785	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	310317	48.51	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.02%
35) Dibromofluoromethane	8.024	113	213584	42.71	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	85.42%
50) Toluene-d8	10.443	98	945713	48.50	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.00%
62) 4-Bromofluorobenzene	12.733	95	313679	43.27	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.54%
Target Compounds						
20) Methylene Chloride	5.101	84	29744	4.32	ug/l	Qvalue 92
25) 2-Butanone	7.343	43	9175	3.14	ug/l	93

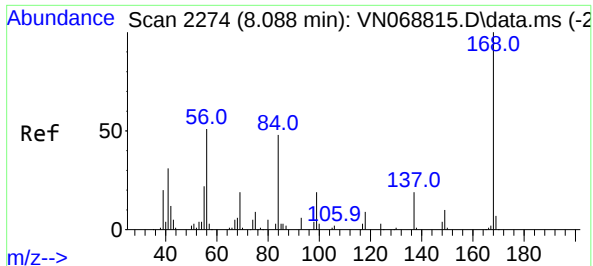
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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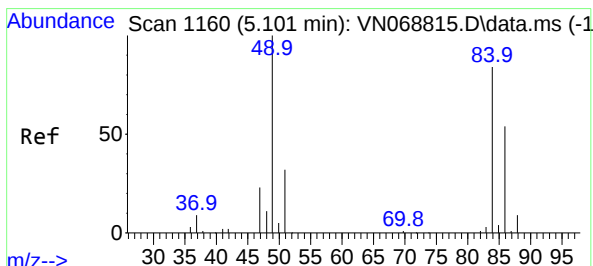
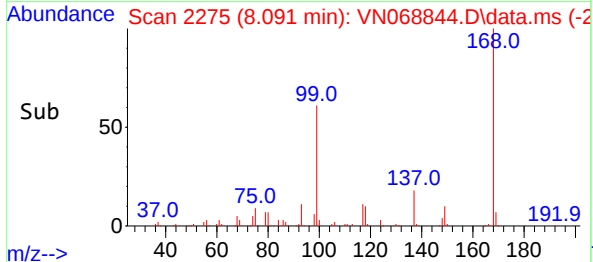
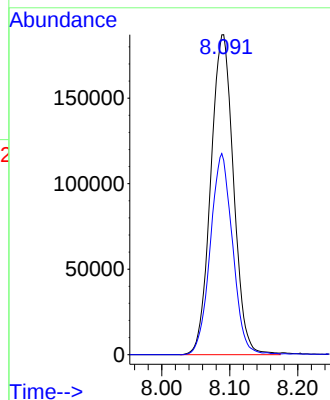
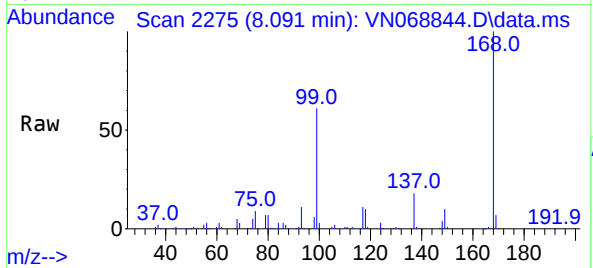




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VN068844.D
Acq: 7 Oct 2021 16:22

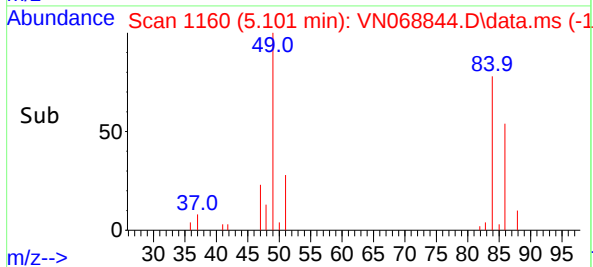
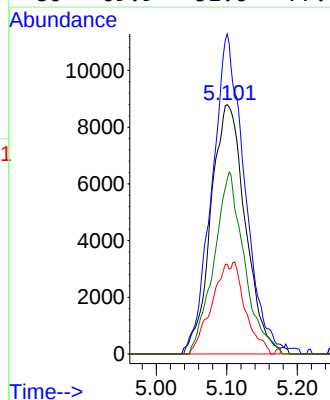
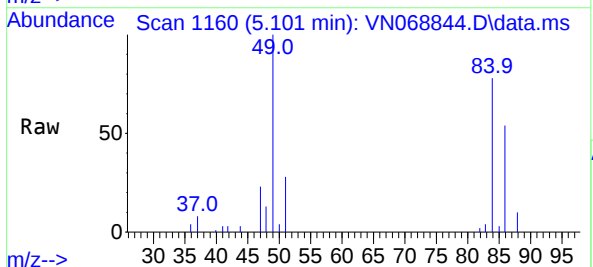
Instrument :
MSVOA_N
ClientSampled :
GROWS-2

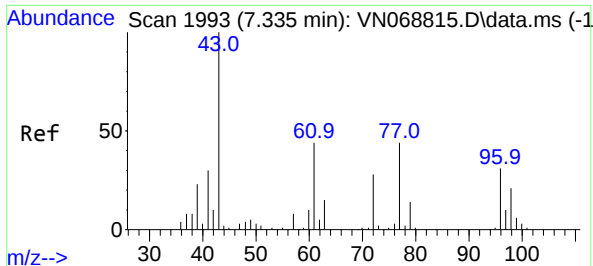
Tgt Ion:168 Resp: 435301
Ion Ratio Lower Upper
168 100
99 60.7 62.9 94.3#



#20
Methylene Chloride
Concen: 4.32 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. -0.000 min
Lab File: VN068844.D
Acq: 7 Oct 2021 16:22

Tgt Ion: 84 Resp: 29744
Ion Ratio Lower Upper
84 100
49 128.3 110.9 166.3
51 36.0 32.6 49.0
86 69.9 51.6 77.4

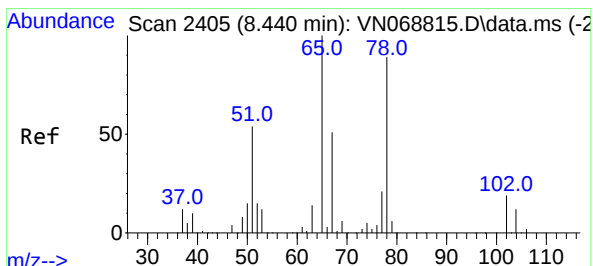
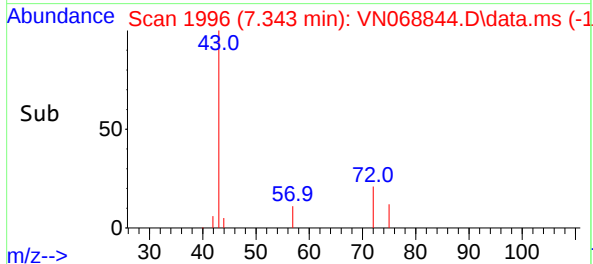
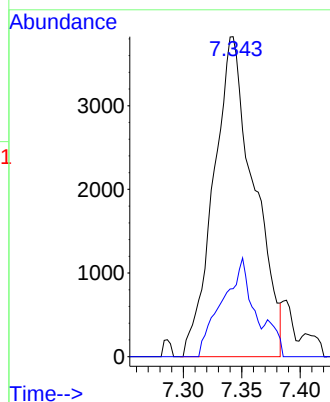
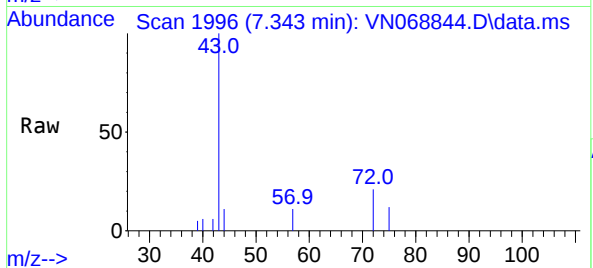




#25
2-Butanone
Concen: 3.14 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.008 min
Lab File: VN068844.D
Acq: 7 Oct 2021 16:22

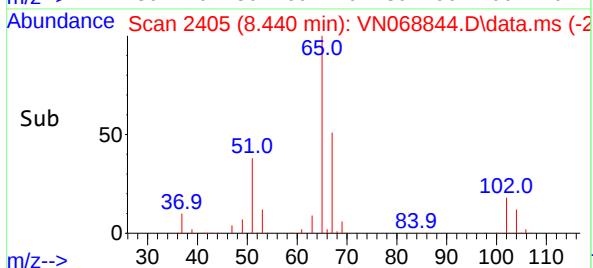
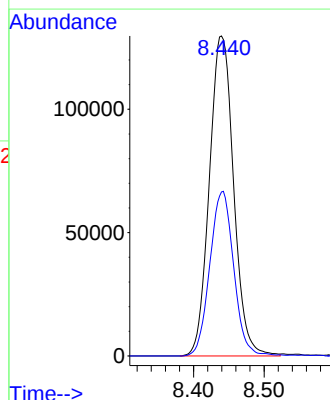
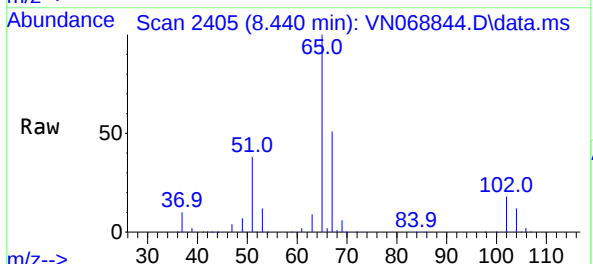
Instrument :
MSVOA_N
ClientSampled :
GROWS-2

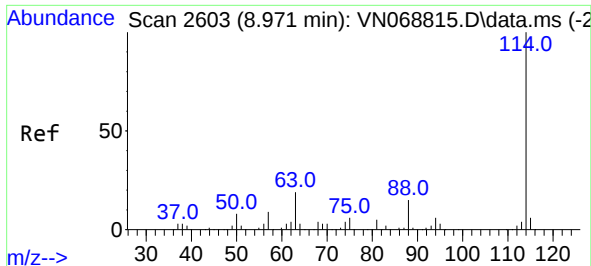
Tgt Ion: 43 Resp: 9175
Ion Ratio Lower Upper
43 100
72 21.2 19.7 29.5



#33
1,2-Dichloroethane-d4
Concen: 48.51 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068844.D
Acq: 7 Oct 2021 16:22

Tgt Ion: 65 Resp: 310317
Ion Ratio Lower Upper
65 100
67 50.6 0.0 98.6

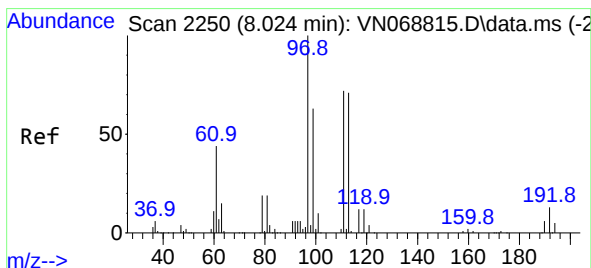
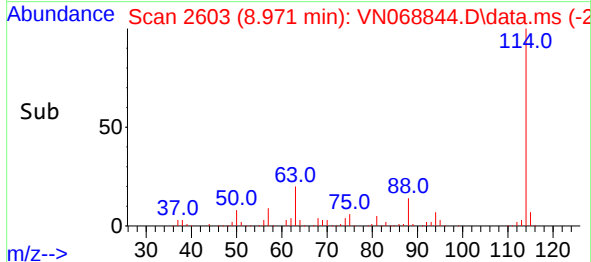
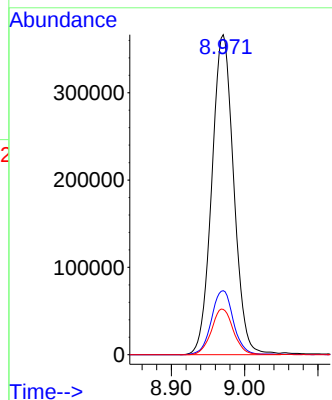
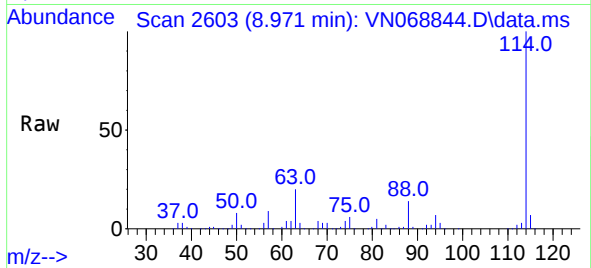




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068844.D
Acq: 7 Oct 2021 16:22

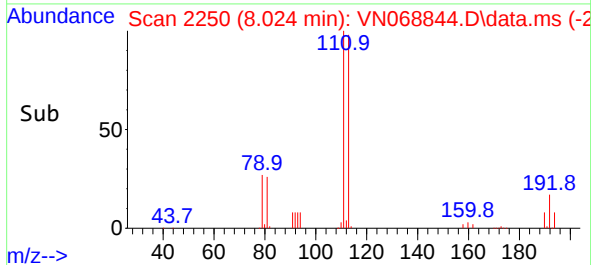
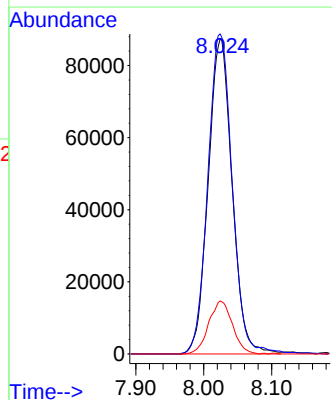
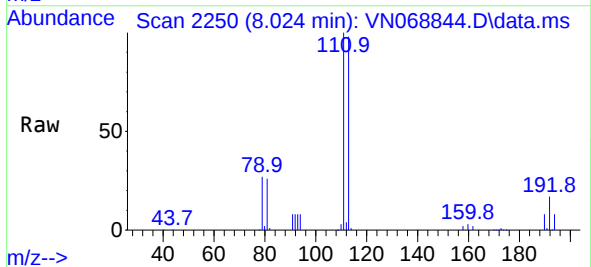
Instrument :
MSVOA_N
ClientSampleId :
GROWS-2

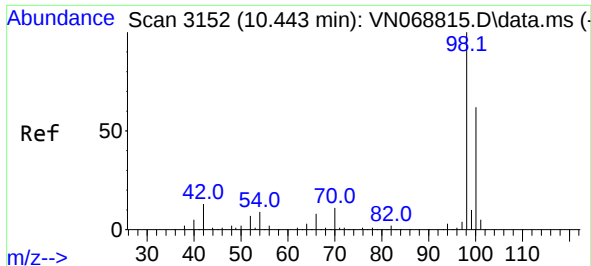
Tgt Ion:114 Resp: 761230
Ion Ratio Lower Upper
114 100
63 20.0 0.0 49.0
88 14.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 42.71 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068844.D
Acq: 7 Oct 2021 16:22

Tgt Ion:113 Resp: 213584
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.8
192 16.7 13.4 20.0

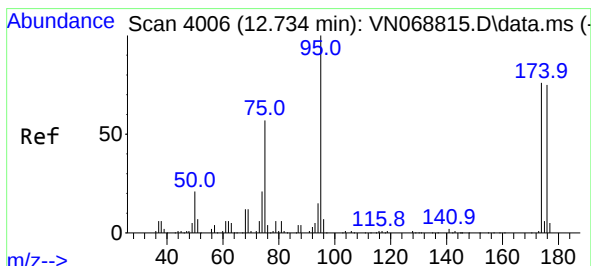
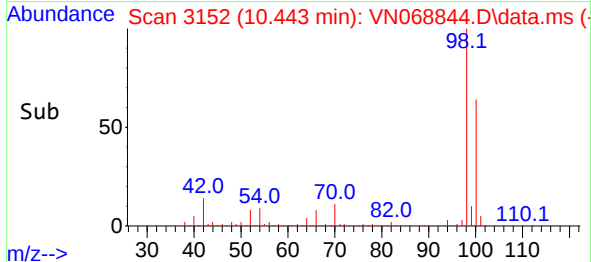
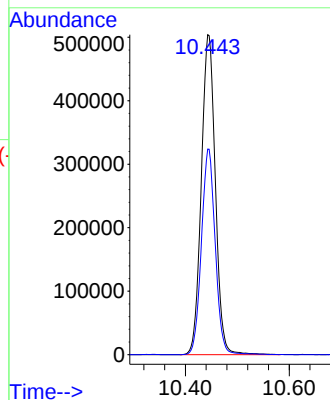
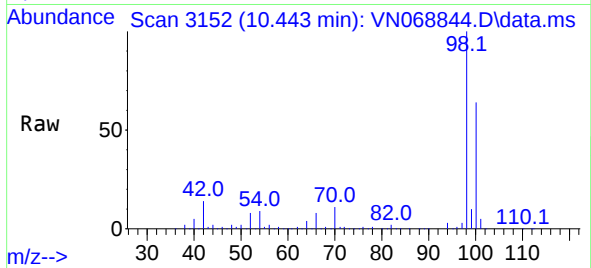




#50
Toluene-d8
Concen: 48.50 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068844.D
Acq: 7 Oct 2021 16:22

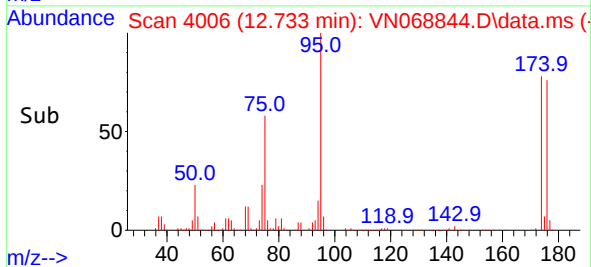
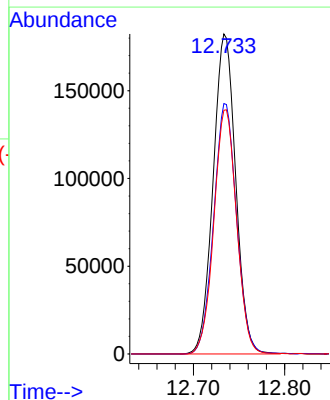
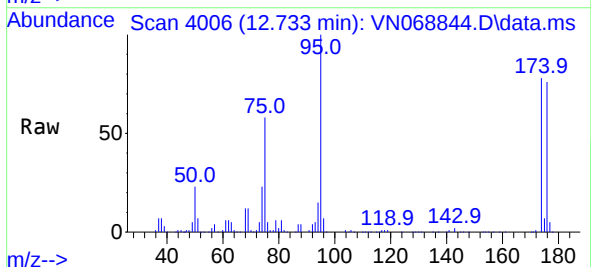
Instrument :
MSVOA_N
ClientSampleId :
GROWS-2

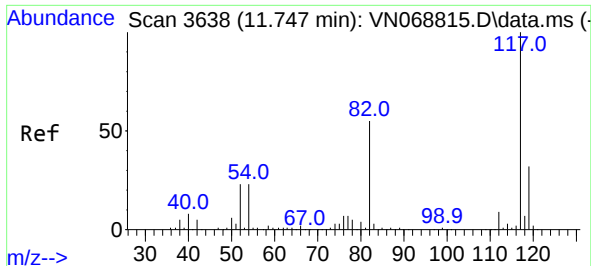
Tgt Ion: 98 Resp: 945713
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.27 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068844.D
Acq: 7 Oct 2021 16:22

Tgt Ion: 95 Resp: 313679
Ion Ratio Lower Upper
95 100
174 79.4 0.0 122.0
176 77.0 0.0 117.6



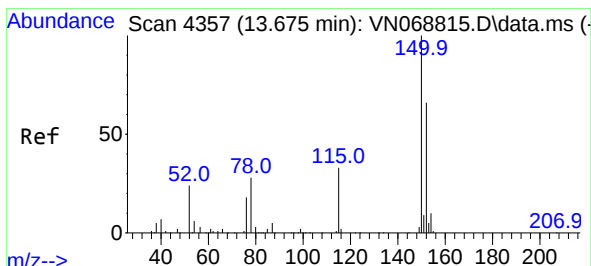
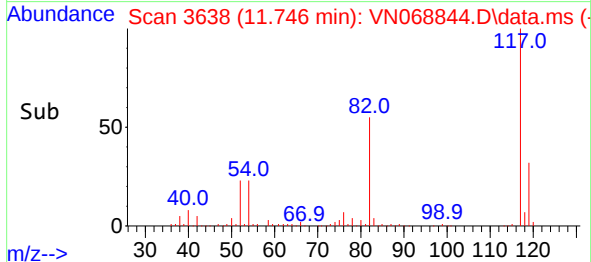
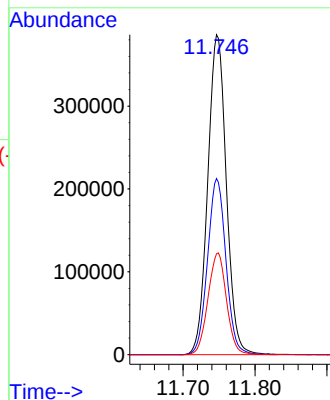
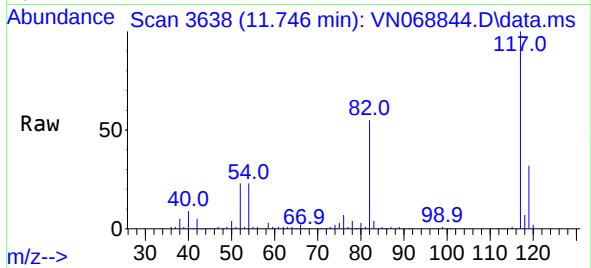


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068844.D
Acq: 7 Oct 2021 16:22

Instrument :
MSVOA_N
ClientSampleId :
GROWS-2

Tgt Ion:117 Resp: 695083

Ion	Ratio	Lower	Upper
117	100		
82	55.1	53.1	79.7
119	31.5	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: VN068844.D
Acq: 7 Oct 2021 16:22

Tgt Ion:152 Resp: 261785

Ion	Ratio	Lower	Upper
152	100		
115	61.0	36.1	108.5
150	157.9	0.0	351.8

