

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024682.D
 Acq On : 08 Oct 2021 19:54
 Operator : JC/MD
 Sample : M4111-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GROWS-1

Quant Time: Oct 11 05:50:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

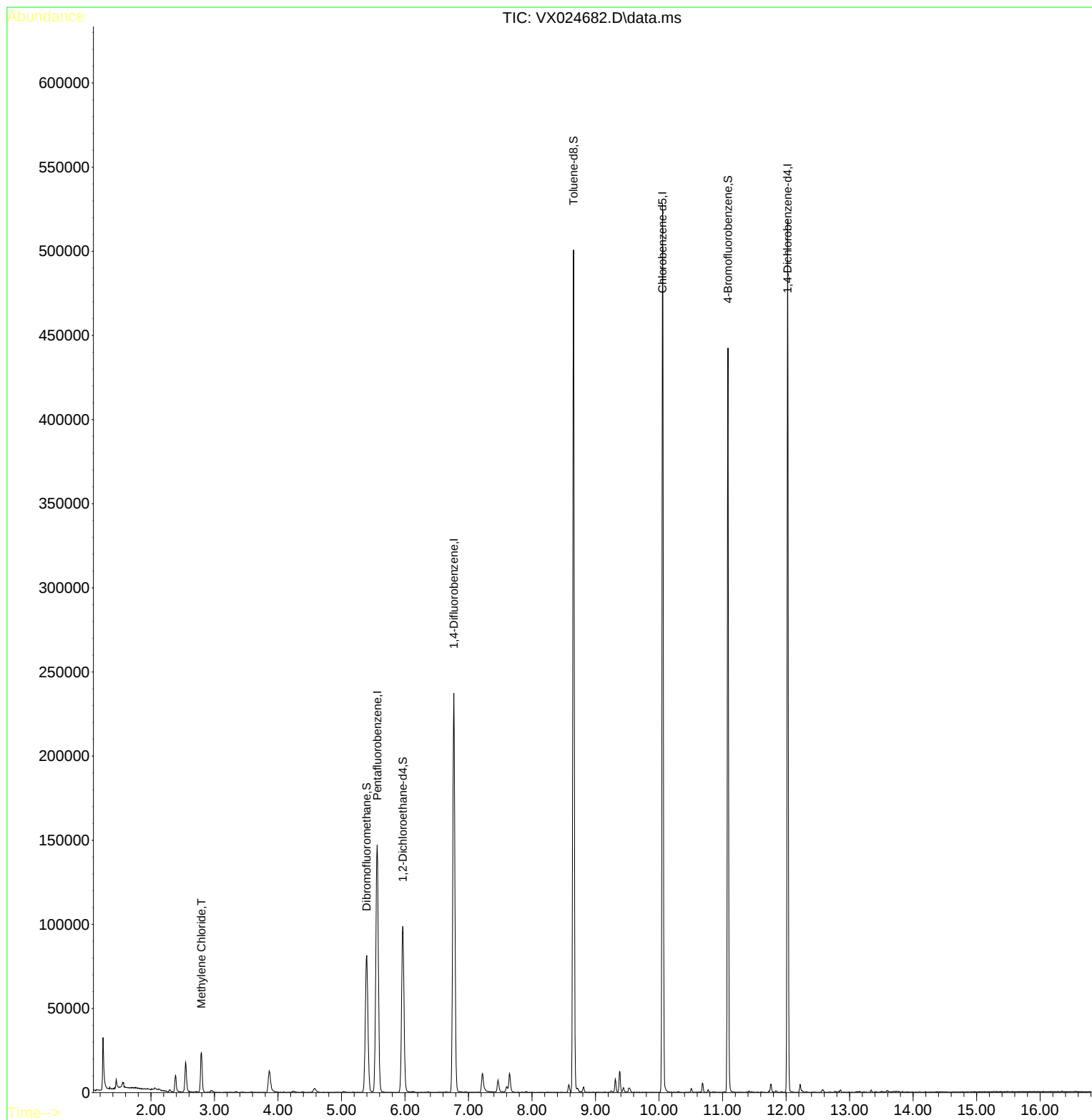
Internal Standards						
1) Pentafluorobenzene	5.562	168	137867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234390	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100399	51.670	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.340%
35) Dibromofluoromethane	5.397	113	68610	44.062	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.120%
50) Toluene-d8	8.653	98	285759	49.862	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.720%
62) 4-Bromofluorobenzene	11.085	95	109222	48.472	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.940%
Target Compounds						
20) Methylene Chloride	2.794	84	10937	6.528	ug/l	Qvalue 96

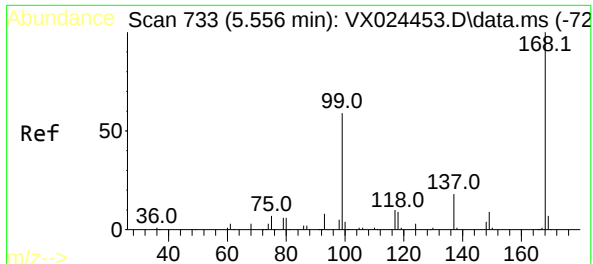
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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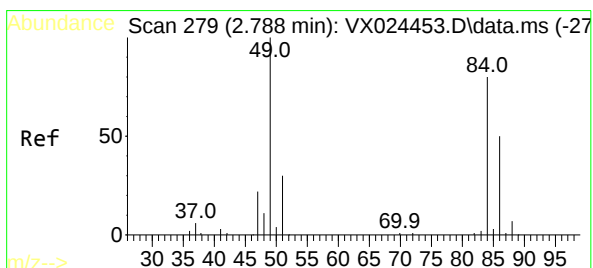
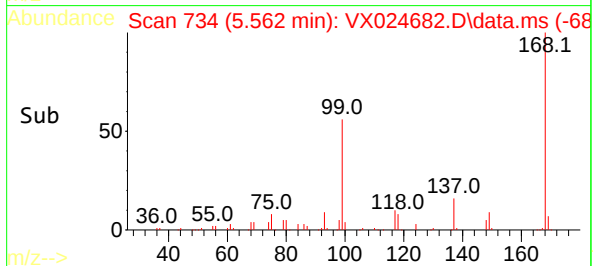
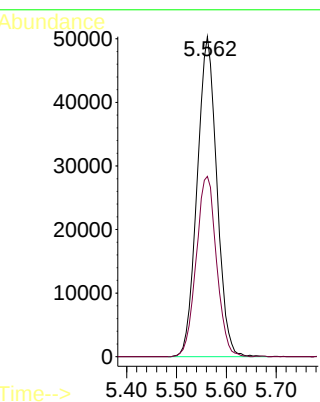
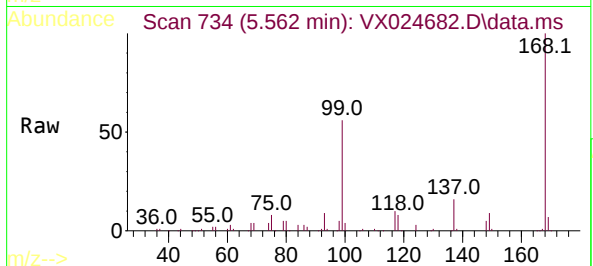




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024682.D
Acq: 08 Oct 2021 19:54

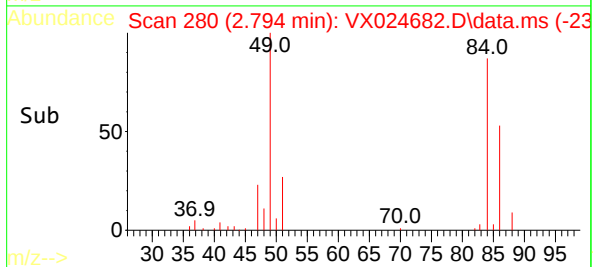
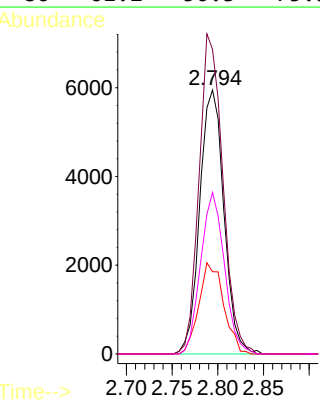
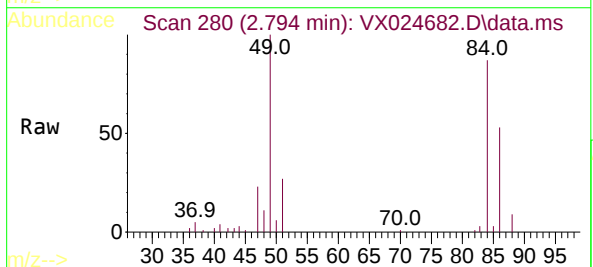
Instrument :
MSVOA_X
ClientSampleId :
GROWS-1

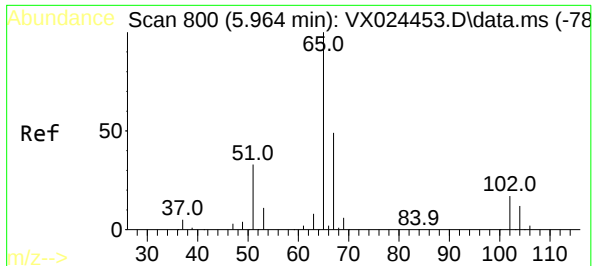
Tgt Ion:168 Resp: 137867
Ion Ratio Lower Upper
168 100
99 56.4 45.8 68.6



#20
Methylene Chloride
Concen: 6.528 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024682.D
Acq: 08 Oct 2021 19:54

Tgt Ion: 84 Resp: 10937
Ion Ratio Lower Upper
84 100
49 115.4 88.6 132.8
51 31.1 27.0 40.6
86 61.2 50.3 75.5



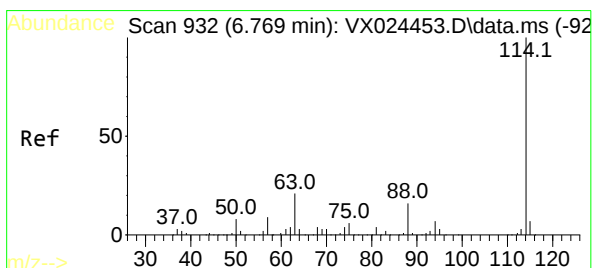
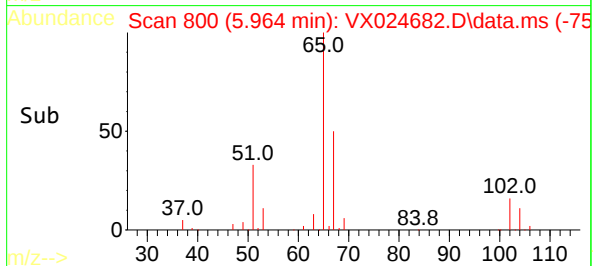
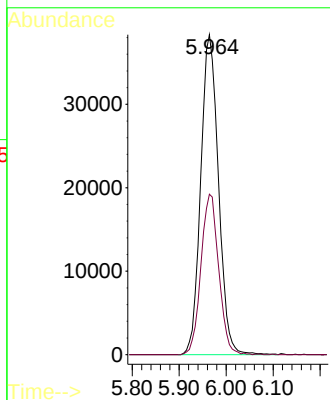
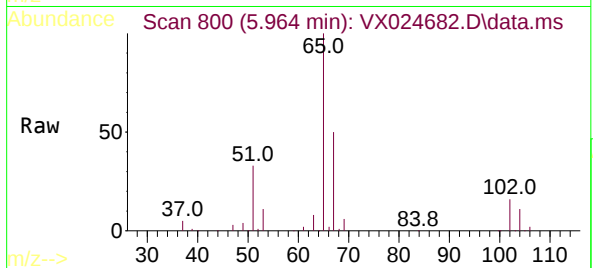


#33

1,2-Dichloroethane-d4
Concen: 51.670 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024682.D
Acq: 08 Oct 2021 19:54

Instrument :
MSVOA_X
ClientSampled :
GROWS-1

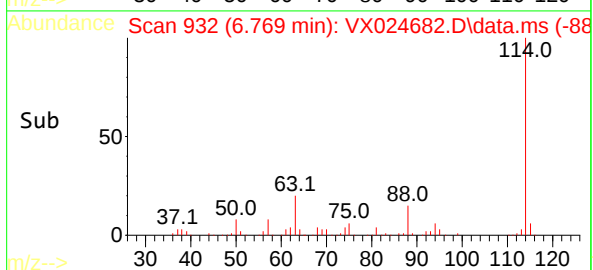
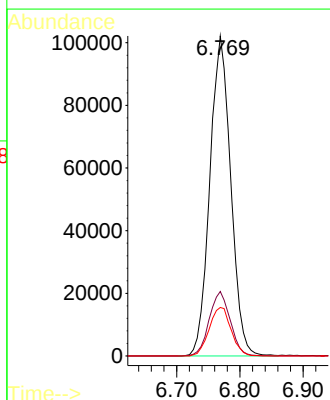
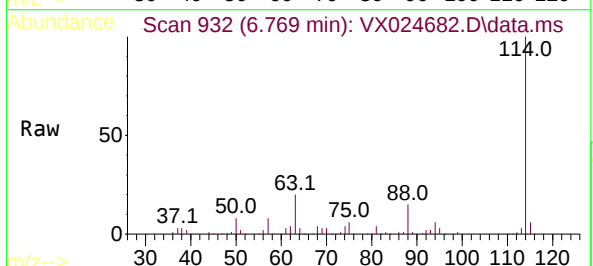
Tgt Ion: 65 Resp: 100399
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4

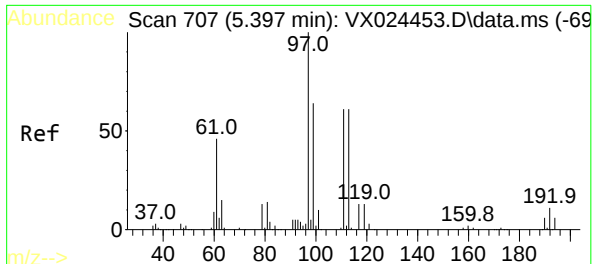


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024682.D
Acq: 08 Oct 2021 19:54

Tgt Ion: 114 Resp: 234390
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 15.2 0.0 32.8

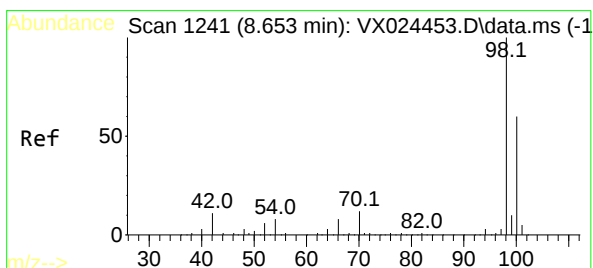
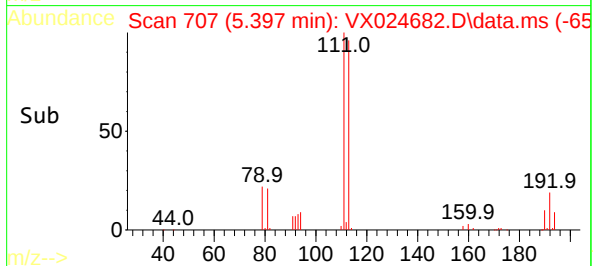
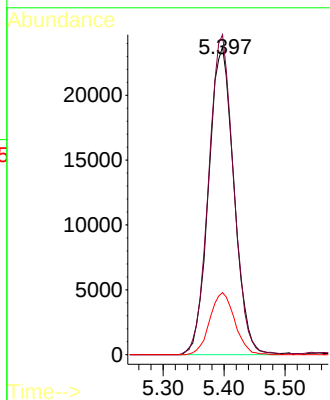
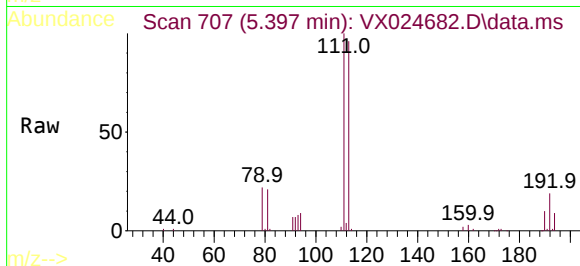




#35
Dibromofluoromethane
Concen: 44.062 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024682.D
Acq: 08 Oct 2021 19:54

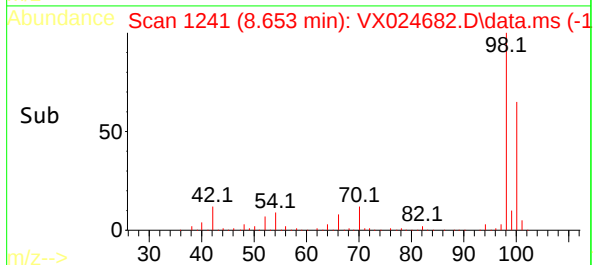
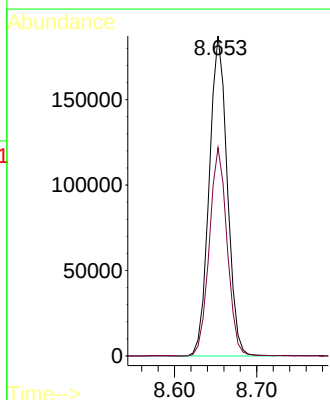
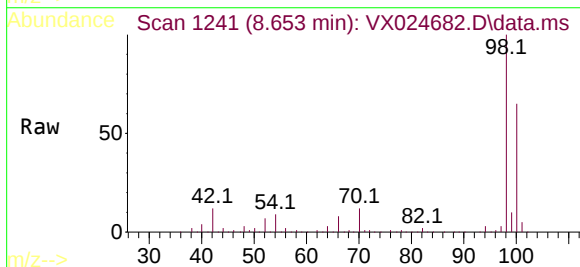
Instrument :
MSVOA_X
ClientSampleId :
GROWS-1

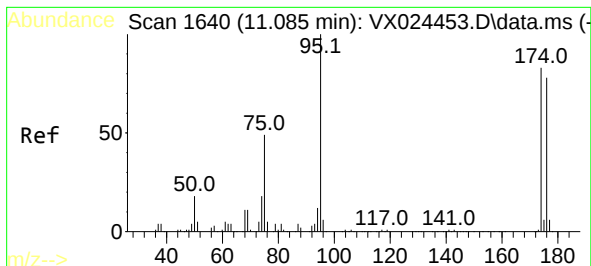
Tgt Ion:113 Resp: 68610
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 19.8 16.7 25.1



#50
Toluene-d8
Concen: 49.862 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024682.D
Acq: 08 Oct 2021 19:54

Tgt Ion: 98 Resp: 285759
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

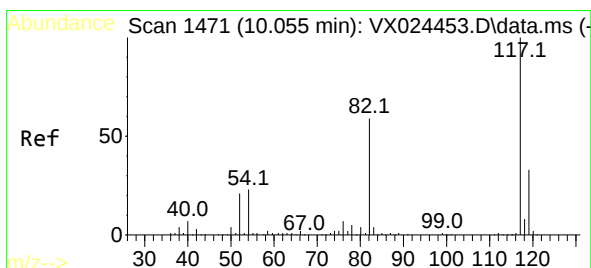
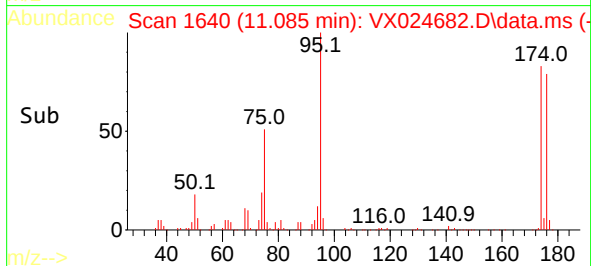
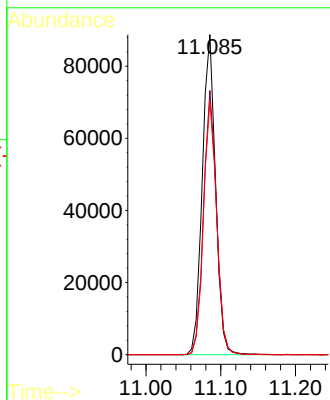
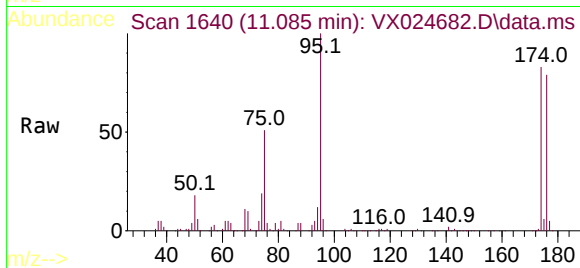




#62
4-Bromofluorobenzene
Concen: 48.472 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024682.D
Acq: 08 Oct 2021 19:54

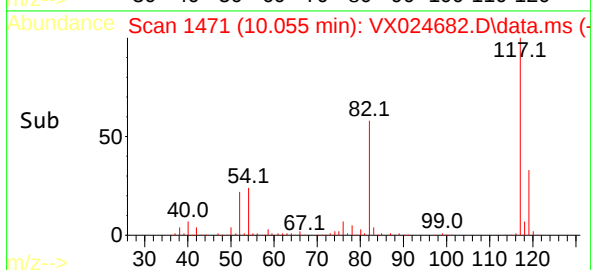
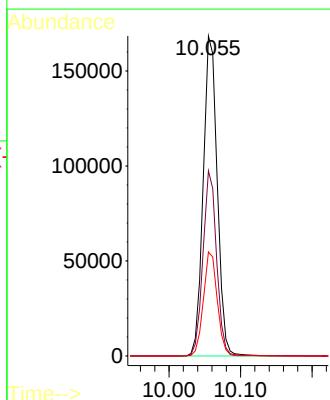
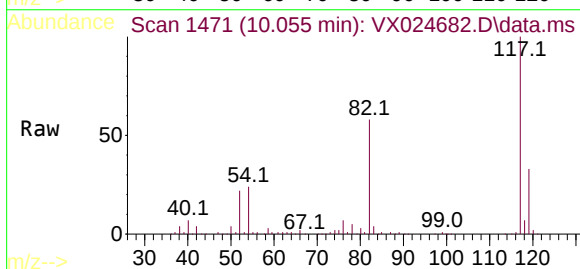
Instrument :
MSVOA_X
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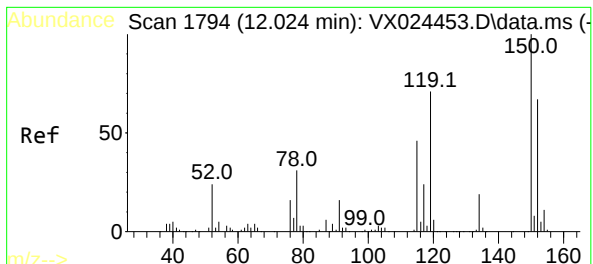
Tgt Ion: 95 Resp: 109222
Ion Ratio Lower Upper
95 100
174 81.0 0.0 154.6
176 78.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024682.D
Acq: 08 Oct 2021 19:54

Tgt Ion: 117 Resp: 230072
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 32.5 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024682.D
 Acq: 08 Oct 2021 19:54

Instrument :
 MSVOA_X
 ClientSampled :
 GROWS-1

Tgt Ion:152 Resp: 102608
 Ion Ratio Lower Upper
 152 100
 115 59.7 41.1 123.3
 150 154.9 0.0 349.0

