

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045606.D
 Acq On : 08 Nov 2021 11:42
 Operator : SY/MD
 Sample : M4434-13 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 2004

Quant Time: Nov 08 14:58:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

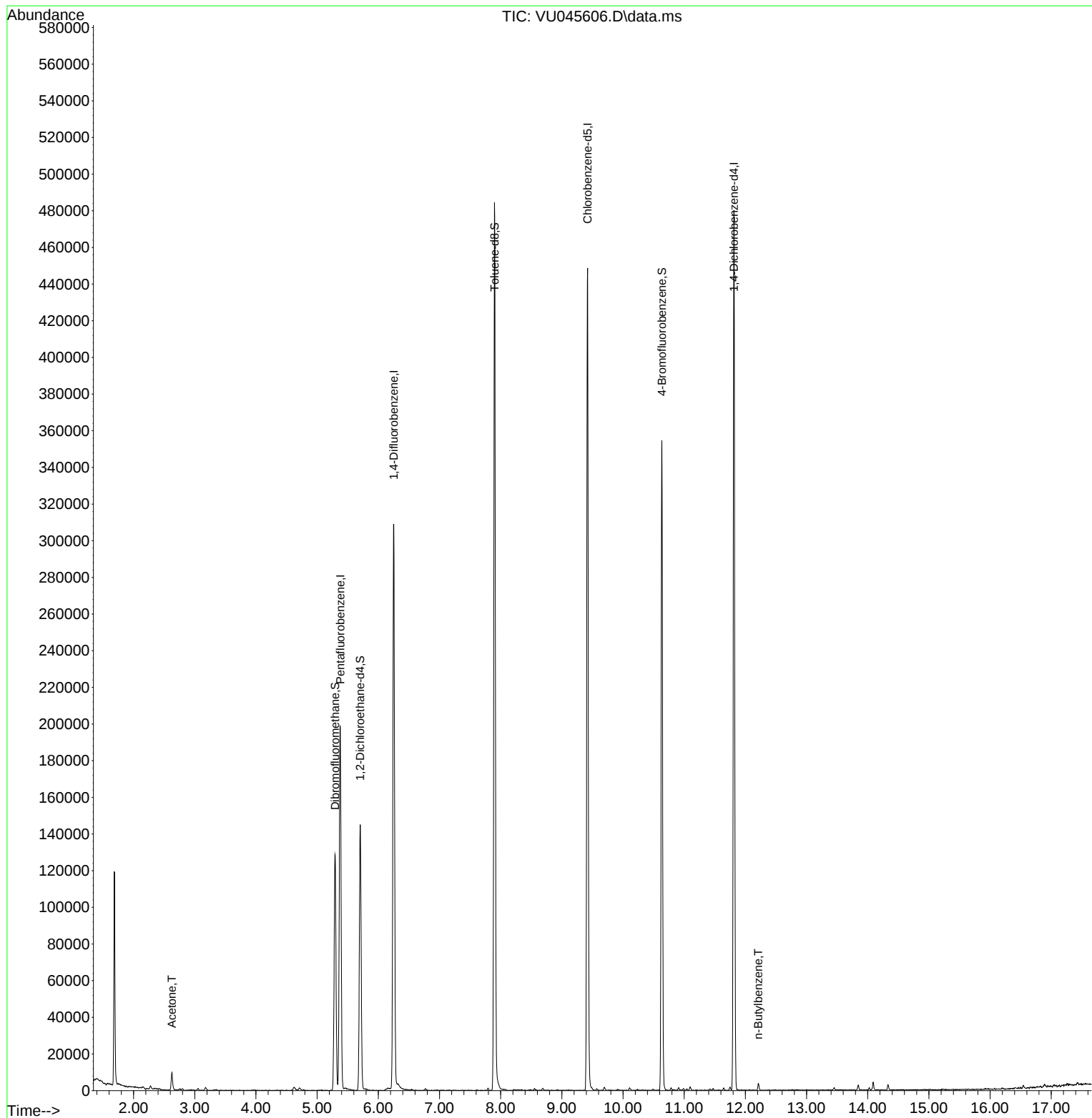
Internal Standards						
1) Pentafluorobenzene	5.379	168	131264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	246497	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	243284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	119189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	108809	55.350	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.700%	
35) Dibromofluoromethane	5.292	113	83512	50.745	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.480%	
50) Toluene-d8	7.899	98	323395	52.846	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.700%	
62) 4-Bromofluorobenzene	10.636	95	119601	48.738	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.480%	
Target Compounds						
					Qvalue	
16) Acetone	2.626	43	10670	10.662	ug/l	100
89) n-Butylbenzene	12.211	91	1521	0.220	ug/l	97

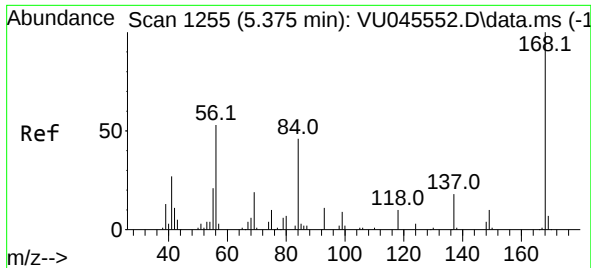
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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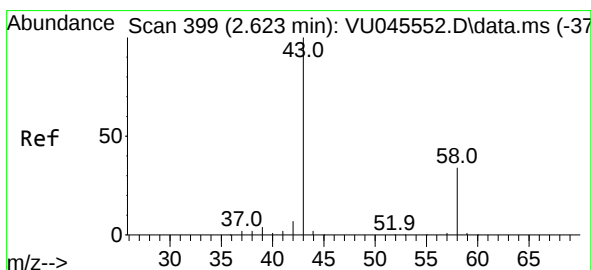
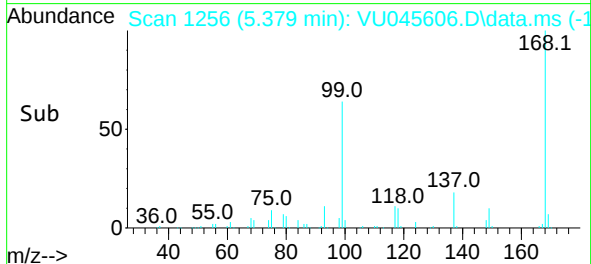
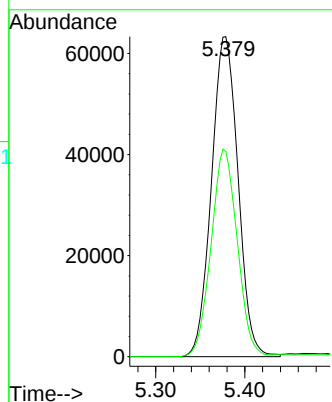
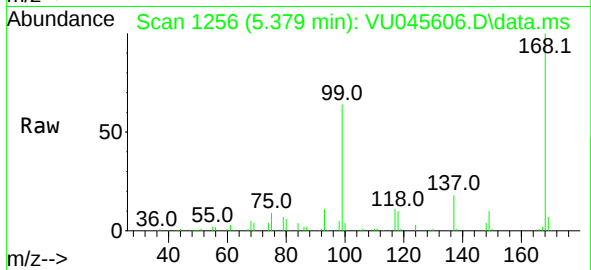




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045606.D
Acq: 08 Nov 2021 11:42

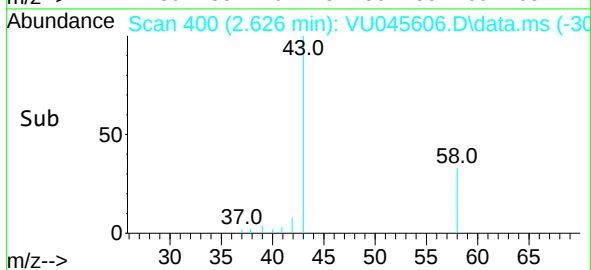
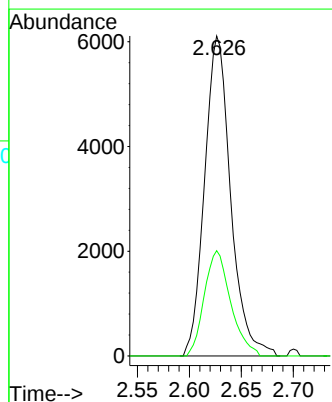
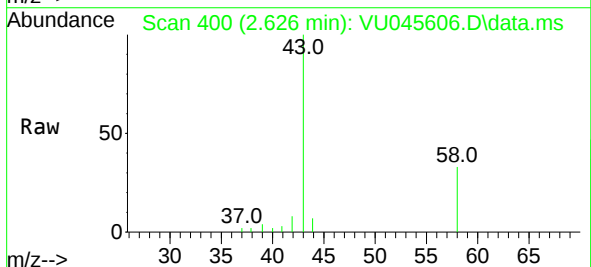
Instrument :
MSVOA_U
ClientSampleId :
2004

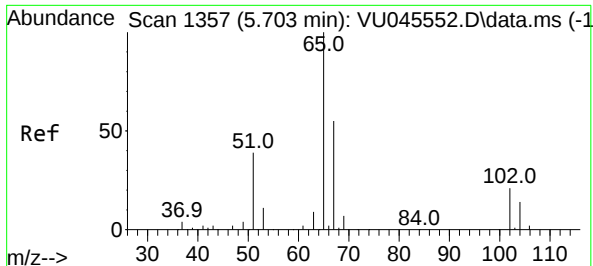
Tgt Ion:168 Resp: 131264
Ion Ratio Lower Upper
168 100
99 64.1 51.0 76.6



#16
Acetone
Concen: 10.662 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045606.D
Acq: 08 Nov 2021 11:42

Tgt Ion: 43 Resp: 10670
Ion Ratio Lower Upper
43 100
58 32.9 26.2 39.2





#33

1,2-Dichloroethane-d4

Concen: 55.350 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045606.D

Acq: 08 Nov 2021 11:42

Instrument :

MSVOA_U

ClientSampleId :

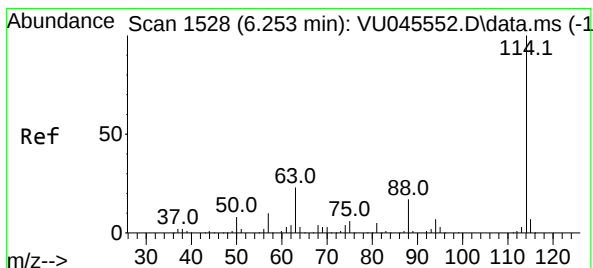
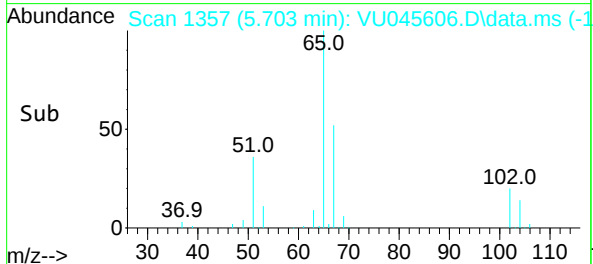
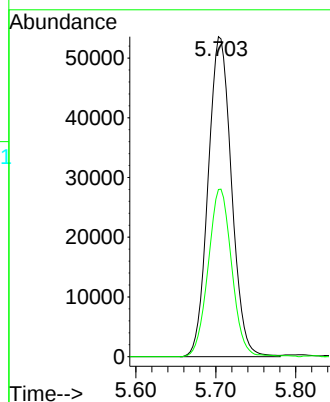
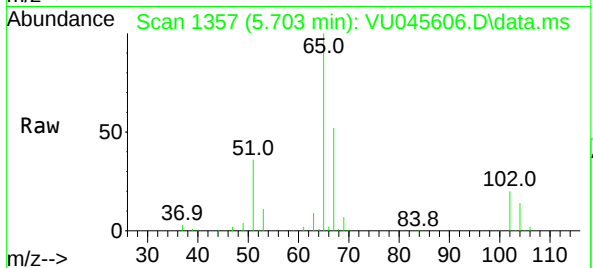
2004

Tgt Ion: 65 Resp: 108809

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045606.D

Acq: 08 Nov 2021 11:42

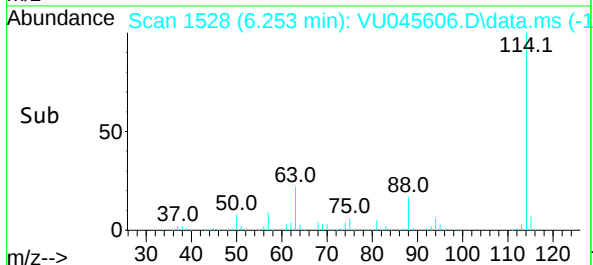
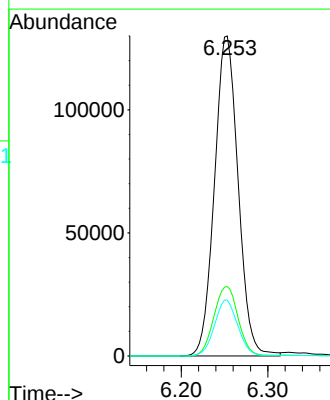
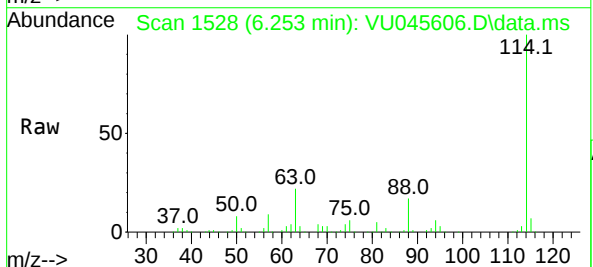
Tgt Ion: 114 Resp: 246497

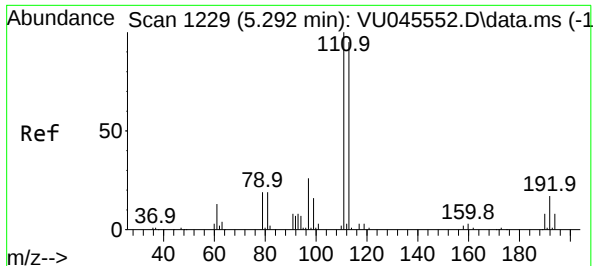
Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.6

88 17.4 0.0 33.8

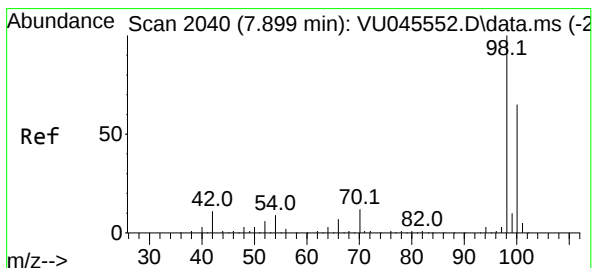
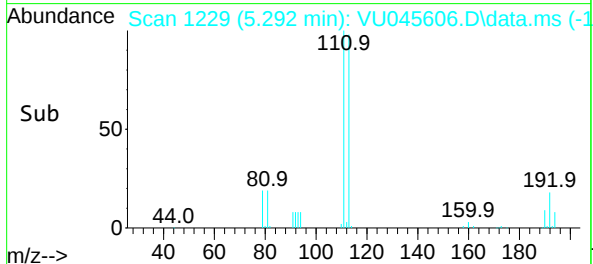
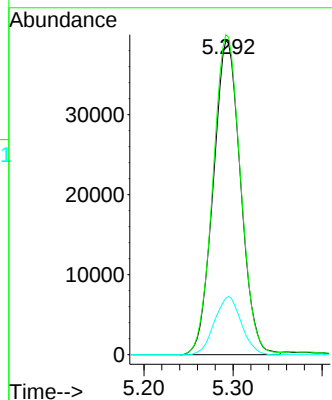
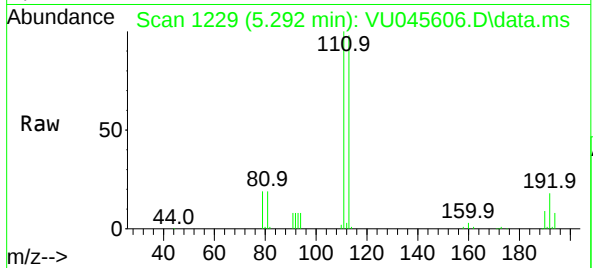




#35
Dibromofluoromethane
Concen: 50.745 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045606.D
Acq: 08 Nov 2021 11:42

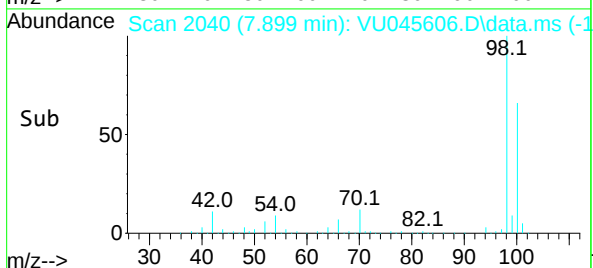
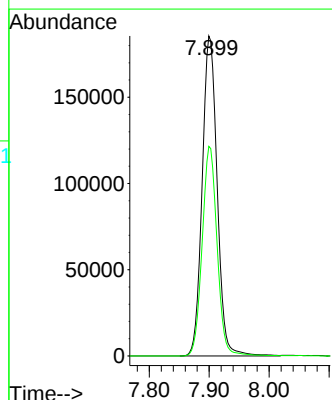
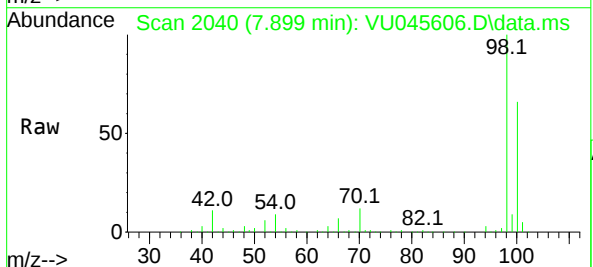
Instrument :
MSVOA_U
ClientSampleId :
2004

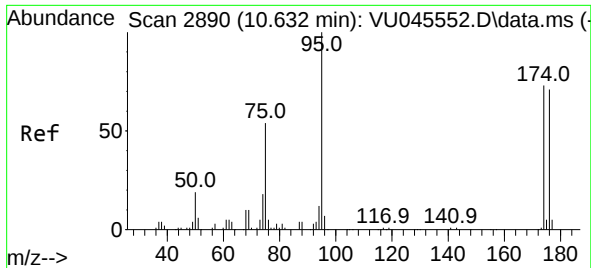
Tgt Ion:113 Resp: 83512
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 18.1 14.8 22.2



#50
Toluene-d8
Concen: 52.846 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045606.D
Acq: 08 Nov 2021 11:42

Tgt Ion: 98 Resp: 323395
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

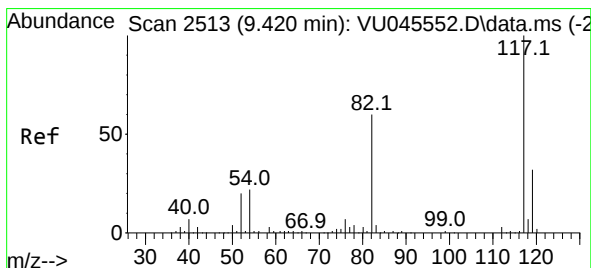
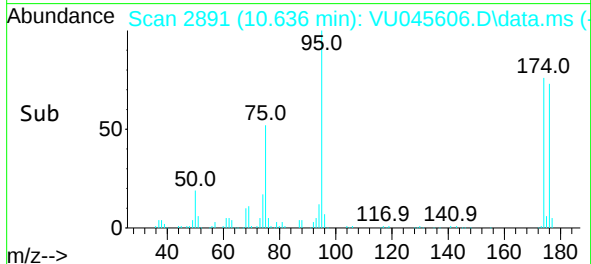
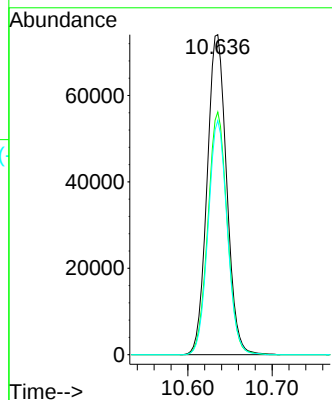
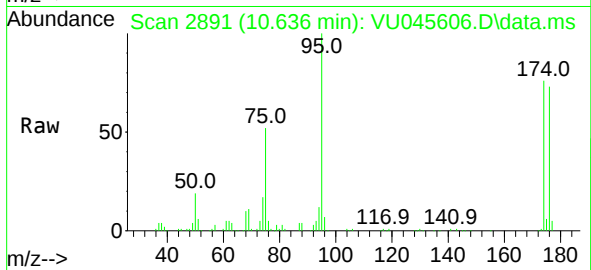




#62
4-Bromofluorobenzene
Concen: 48.738 ug/l
RT: 10.636 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU045606.D
Acq: 08 Nov 2021 11:42

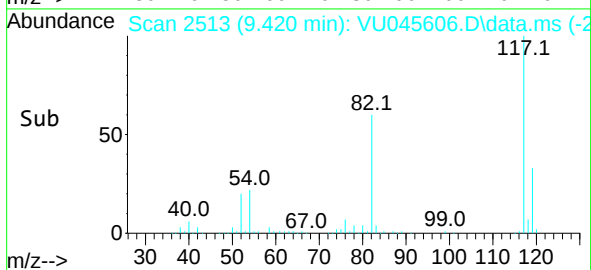
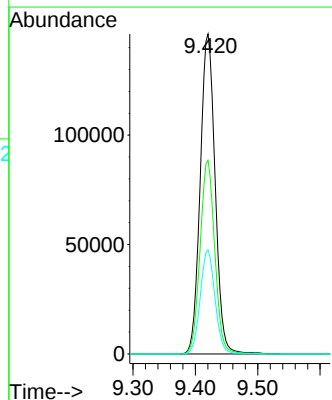
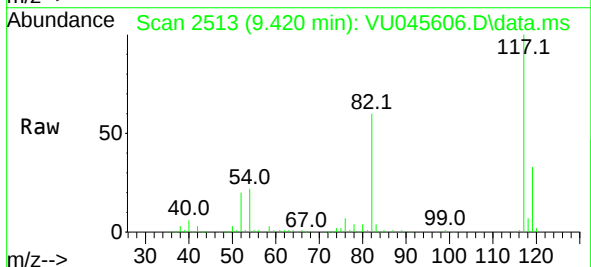
Instrument :
MSVOA_U
ClientSampleId :
2004

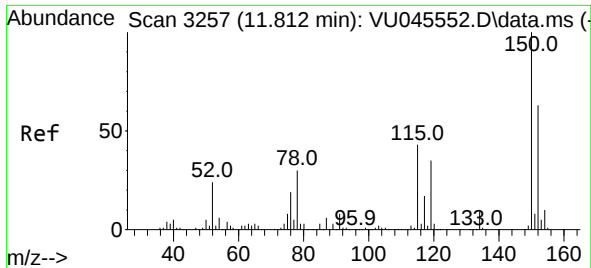
Tgt Ion: 95 Resp: 119601
Ion Ratio Lower Upper
95 100
174 74.9 0.0 141.8
176 71.5 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045606.D
Acq: 08 Nov 2021 11:42

Tgt Ion: 117 Resp: 243284
Ion Ratio Lower Upper
117 100
82 60.5 47.8 71.8
119 32.5 25.8 38.8

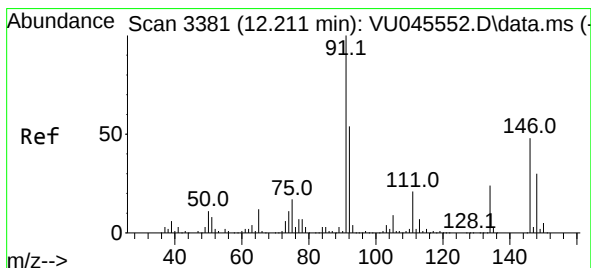
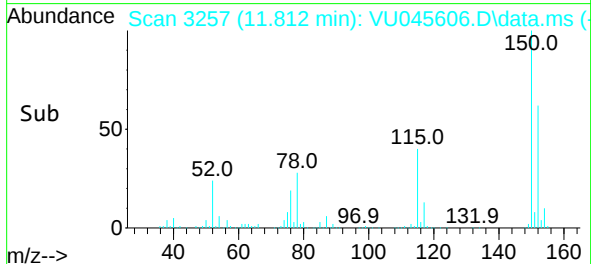
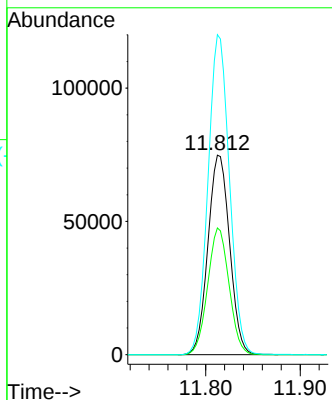
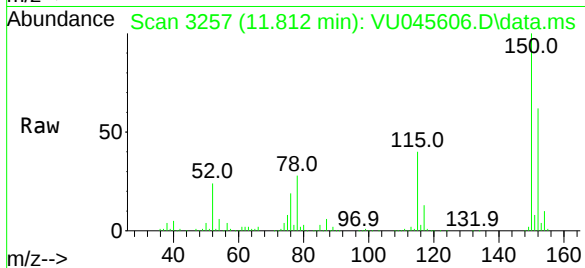




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU045606.D
Acq: 08 Nov 2021 11:42

Instrument :
MSVOA_U
ClientSampleId :
2004

Tgt Ion:152 Resp: 119189
Ion Ratio Lower Upper
152 100
115 62.5 42.7 128.1
150 158.6 0.0 346.8



#89
n-Butylbenzene
Concen: 0.220 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045606.D
Acq: 08 Nov 2021 11:42

Tgt Ion: 91 Resp: 1521
Ion Ratio Lower Upper
91 100
92 52.0 27.1 81.2
134 25.6 11.8 35.4

