

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045643.D
 Acq On : 09 Nov 2021 02:40
 Operator : SY/MD
 Sample : M4504-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP01-20211103

Quant Time: Nov 09 11:16:56 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	5.375	168	147536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	279206	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	281776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	142512	50.000	ug/l	0.00

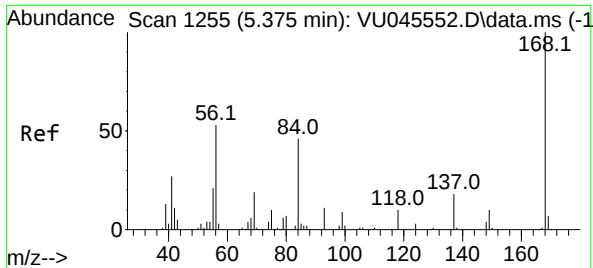
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	118800	53.767	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.540%
35) Dibromofluoromethane	5.292	113	92054	49.382	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.760%
50) Toluene-d8	7.899	98	361855	52.203	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.400%
62) 4-Bromofluorobenzene	10.635	95	140846	50.672	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.340%

Target Compounds	Qvalue

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

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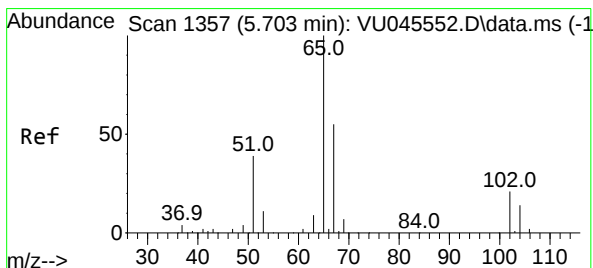
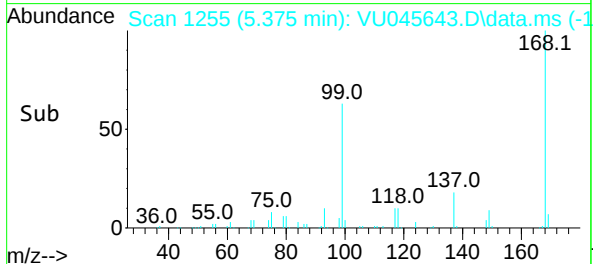
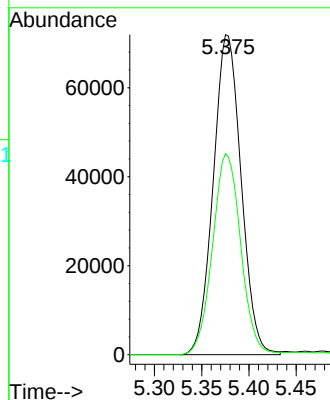
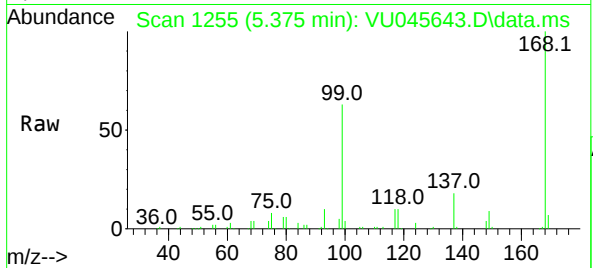




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045643.D
Acq: 09 Nov 2021 02:40

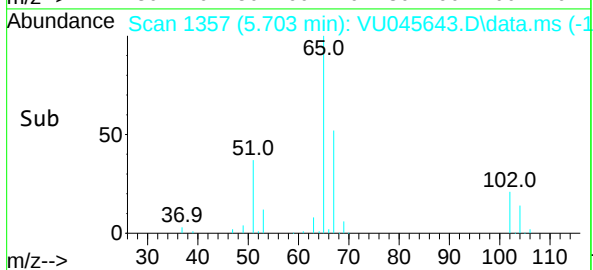
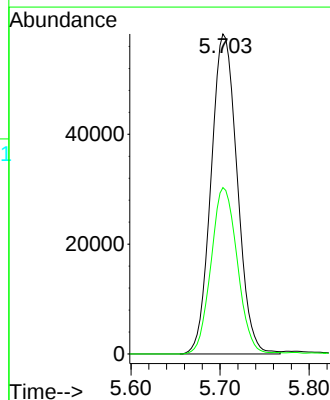
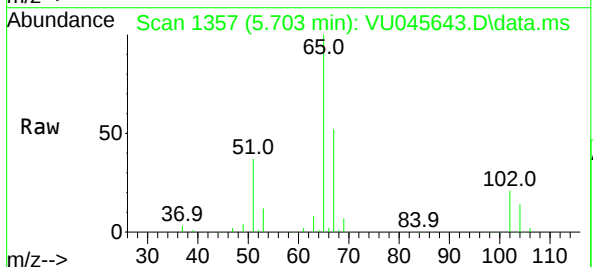
Instrument :
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DUP01-20211103

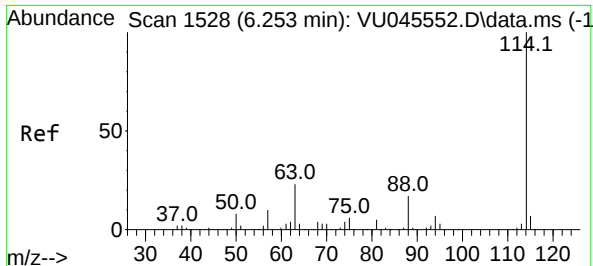
Tgt Ion:168 Resp: 147536
Ion Ratio Lower Upper
168 100
99 62.8 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 53.767 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VU045643.D
Acq: 09 Nov 2021 02:40

Tgt Ion: 65 Resp: 118800
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045643.D

Acq: 09 Nov 2021 02:40

Instrument :

MSVOA_U

ClientSampleId :

DUP01-20211103

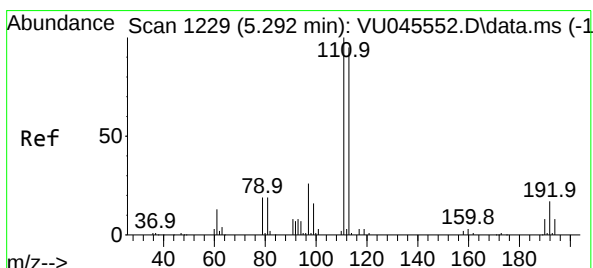
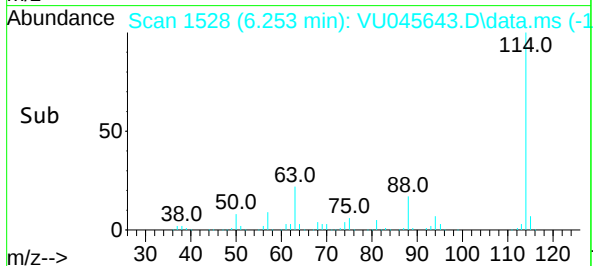
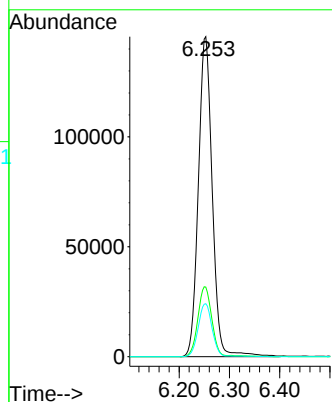
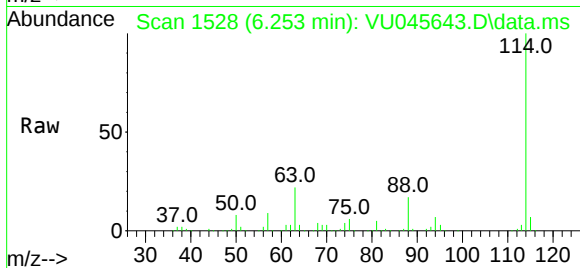
Tgt Ion:114 Resp: 279206

Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.6

88 16.6 0.0 33.8



#35

Dibromofluoromethane

Concen: 49.382 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045643.D

Acq: 09 Nov 2021 02:40

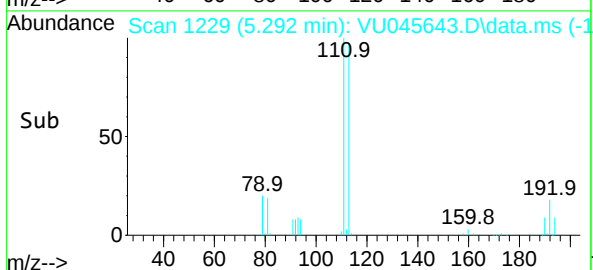
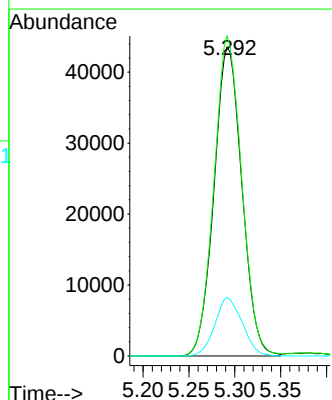
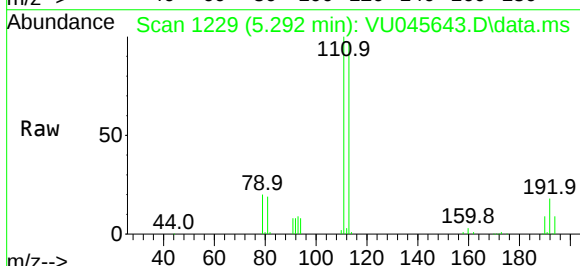
Tgt Ion:113 Resp: 92054

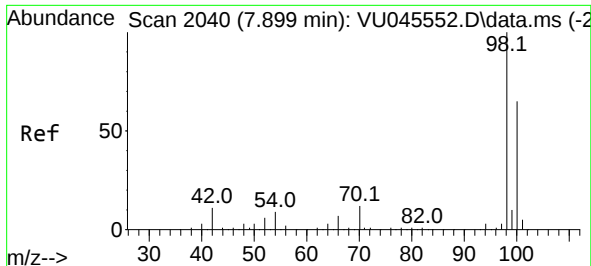
Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

192 18.5 14.8 22.2

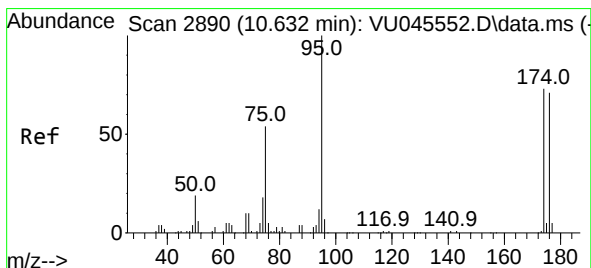
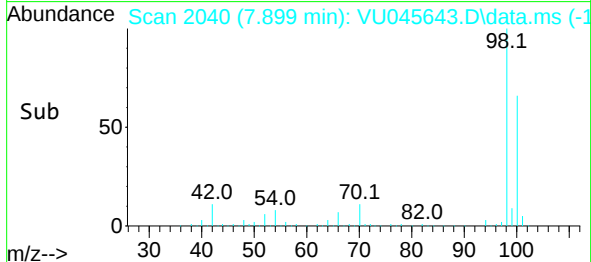
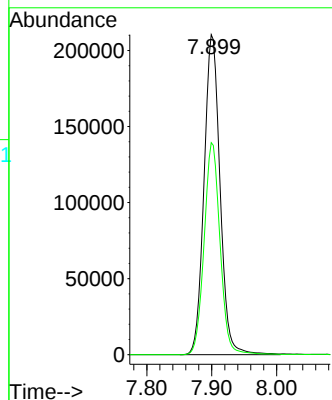
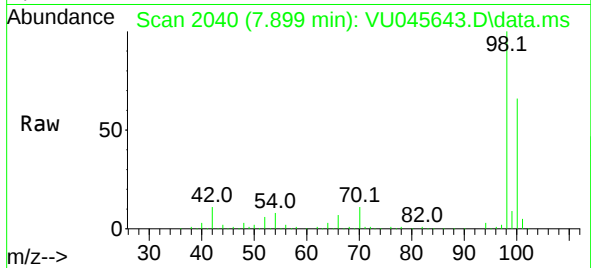




#50
Toluene-d8
Concen: 52.203 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045643.D
Acq: 09 Nov 2021 02:40

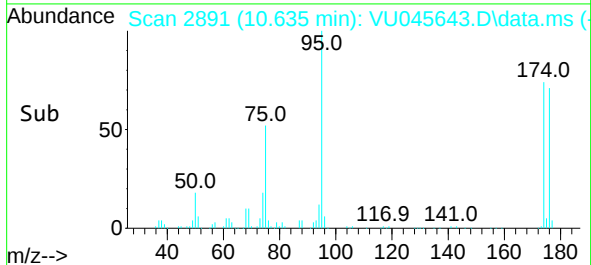
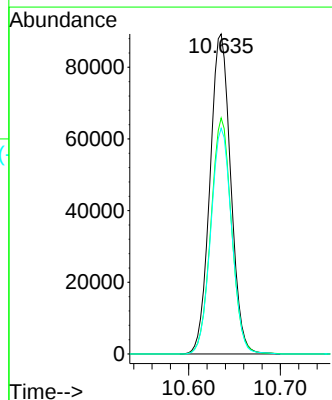
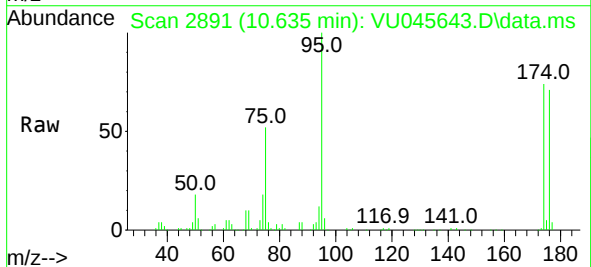
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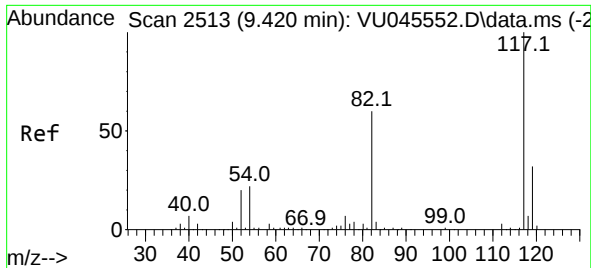
Tgt Ion: 98 Resp: 361855
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.672 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045643.D
Acq: 09 Nov 2021 02:40

Tgt Ion: 95 Resp: 140846
Ion Ratio Lower Upper
95 100
174 73.3 0.0 141.8
176 71.0 0.0 138.2

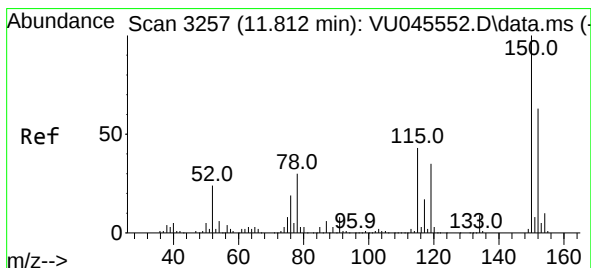
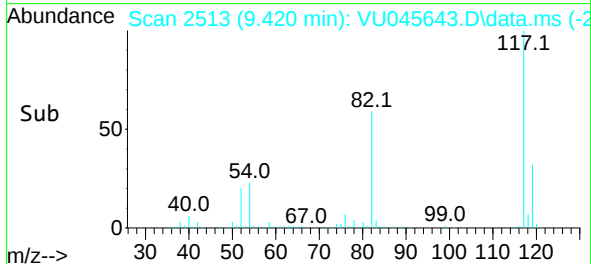
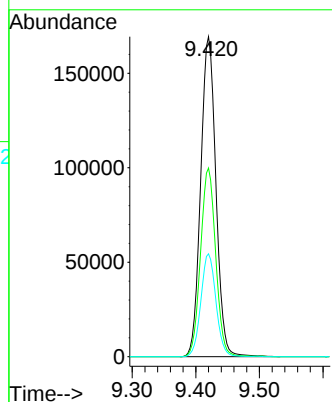
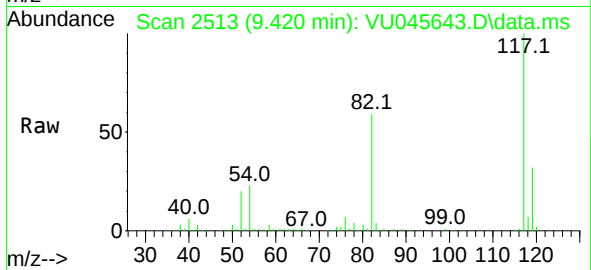




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045643.D
Acq: 09 Nov 2021 02:40

Instrument :
MSVOA_U
ClientSampleId :
DUP01-20211103

Tgt Ion:117 Resp: 281776
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.8
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045643.D
Acq: 09 Nov 2021 02:40

Tgt Ion:152 Resp: 142512
Ion Ratio Lower Upper
152 100
115 61.8 42.7 128.1
150 157.4 0.0 346.8

