

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102621\
 Data File : VU045403.D
 Acq On : 26 Oct 2021 16:11
 Operator : SY/MD
 Sample : I.BLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1027

Quant Time: Oct 27 04:40:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	210055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	402699	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	383433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	187842	50.000	ug/l	0.00

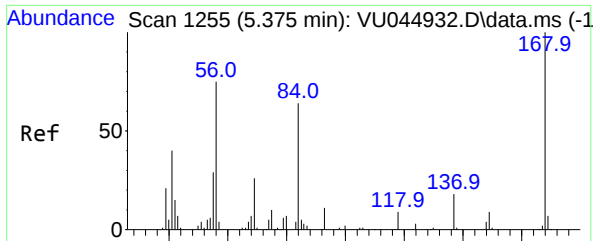
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	168453	48.176	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.360%
35) Dibromofluoromethane	5.295	113	126771	49.903	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.800%
50) Toluene-d8	7.903	98	508473	50.658	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.320%
62) 4-Bromofluorobenzene	10.636	95	193508	46.696	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.400%

Target Compounds	Qvalue

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

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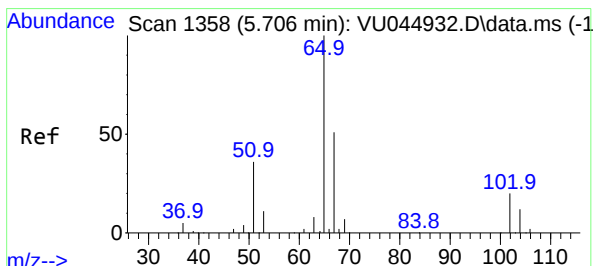
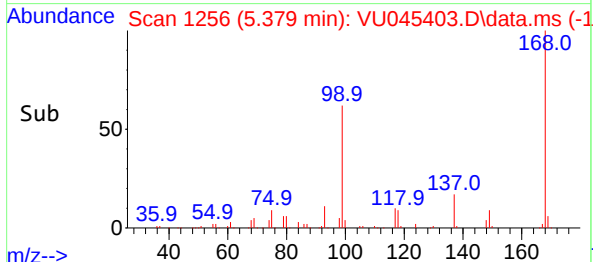
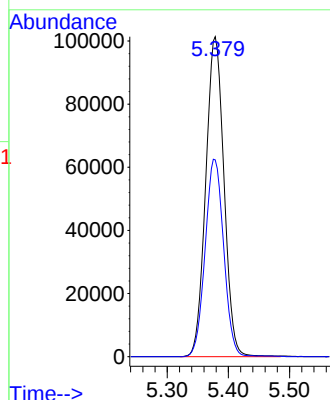
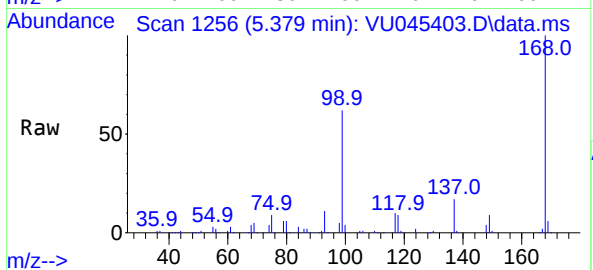




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045403.D
Acq: 26 Oct 2021 16:11

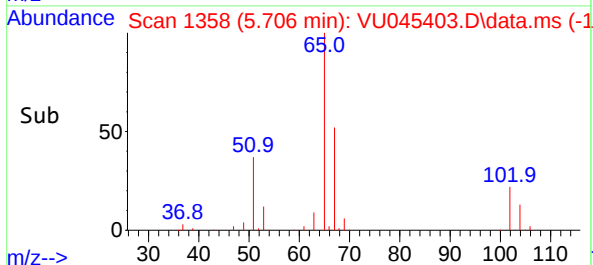
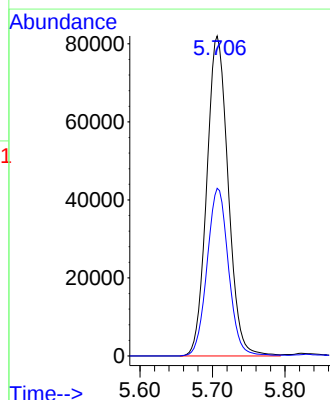
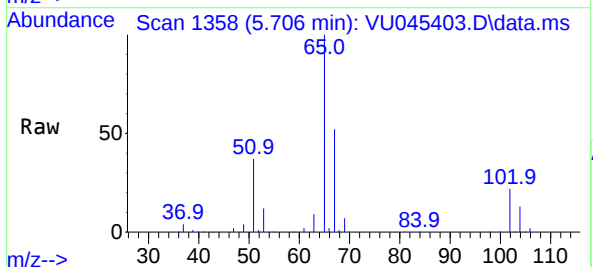
Instrument :
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VU1027

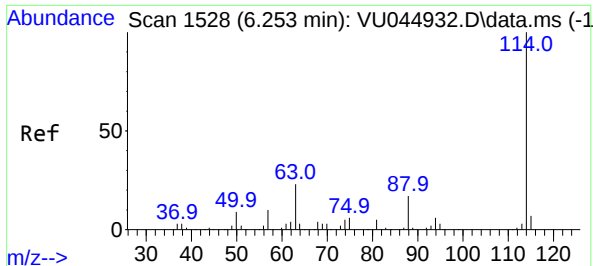
Tgt Ion:168 Resp: 210055
Ion Ratio Lower Upper
168 100
99 61.5 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 48.176 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU045403.D
Acq: 26 Oct 2021 16:11

Tgt Ion: 65 Resp: 168453
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045403.D

Acq: 26 Oct 2021 16:11

Instrument :

MSVOA_U

ClientSampleId :

VU1027

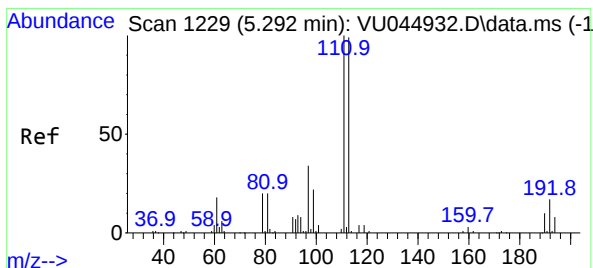
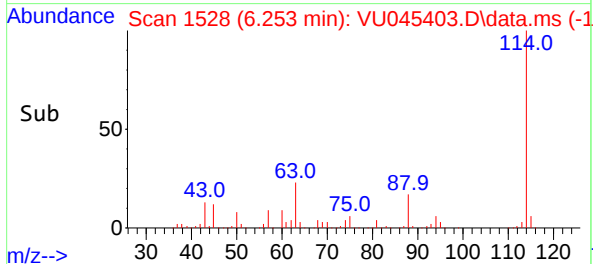
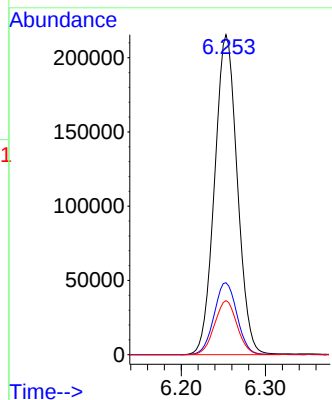
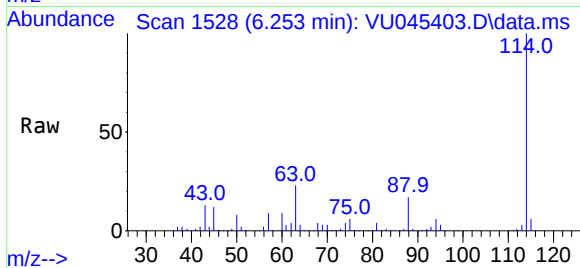
Tgt Ion:114 Resp: 402699

Ion Ratio Lower Upper

114 100

63 22.5 0.0 47.8

88 16.9 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.903 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.003 min

Lab File: VU045403.D

Acq: 26 Oct 2021 16:11

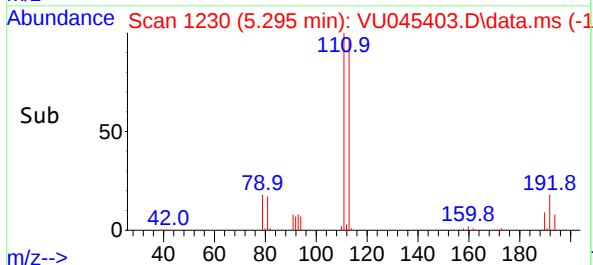
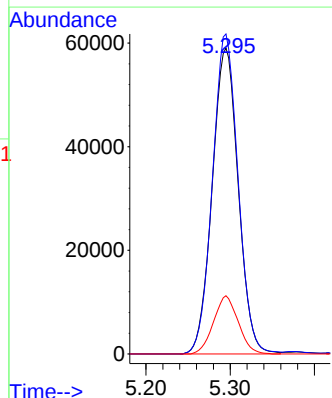
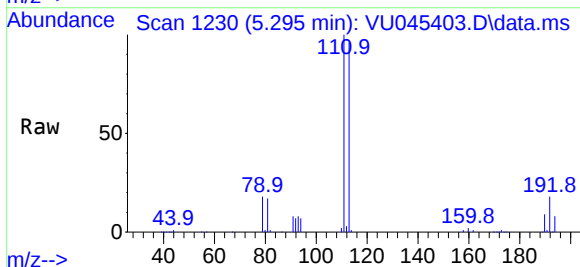
Tgt Ion:113 Resp: 126771

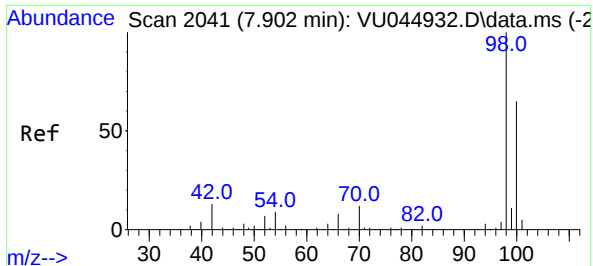
Ion Ratio Lower Upper

113 100

111 102.8 84.1 126.1

192 18.0 14.8 22.2

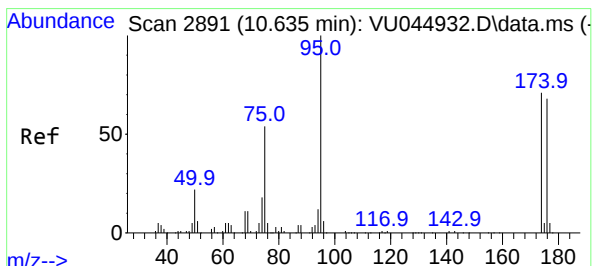
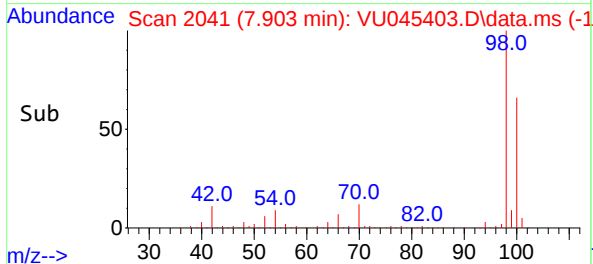
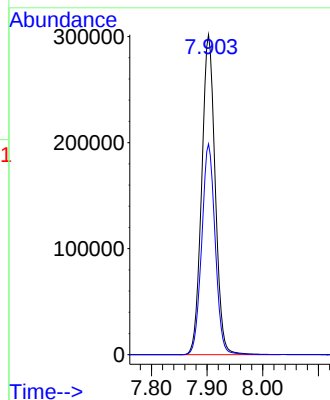
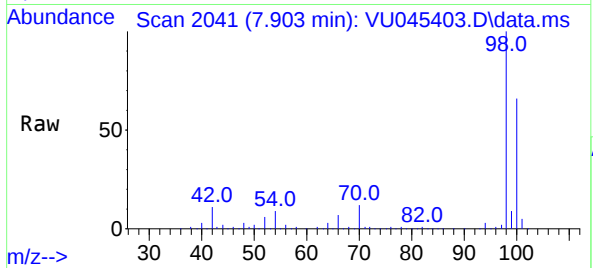




#50
Toluene-d8
Concen: 50.658 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.001 min
Lab File: VU045403.D
Acq: 26 Oct 2021 16:11

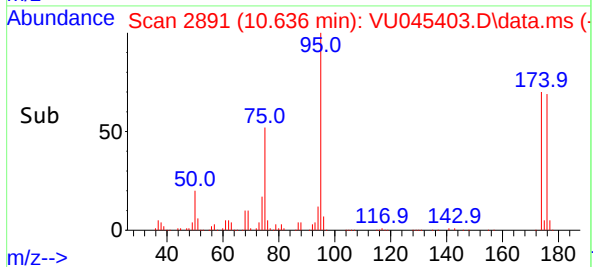
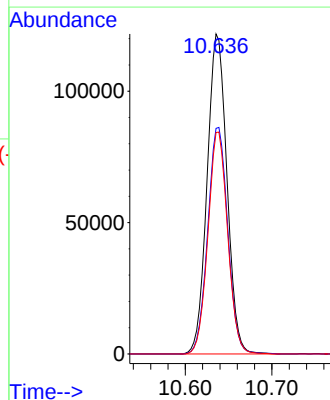
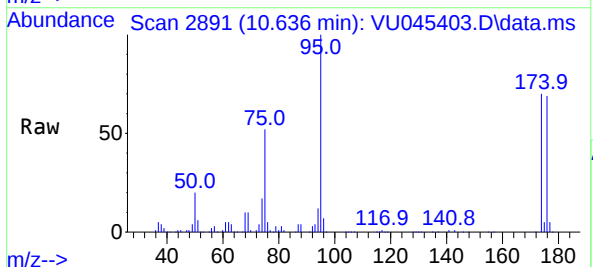
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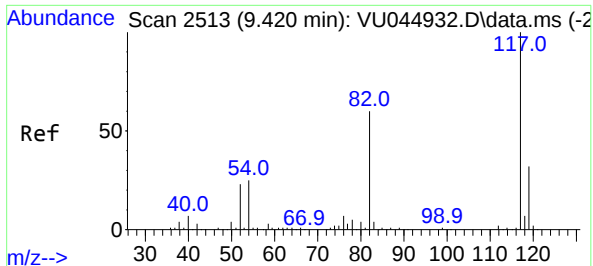
Tgt Ion: 98 Resp: 508473
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.696 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU045403.D
Acq: 26 Oct 2021 16:11

Tgt Ion: 95 Resp: 193508
Ion Ratio Lower Upper
95 100
174 71.8 0.0 146.6
176 68.9 0.0 141.2

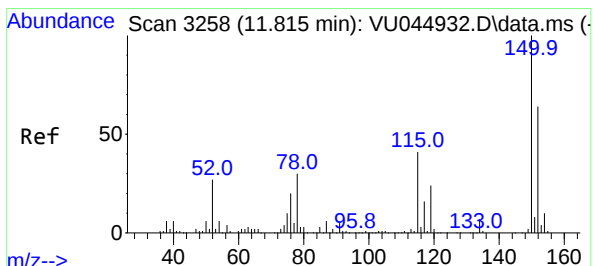
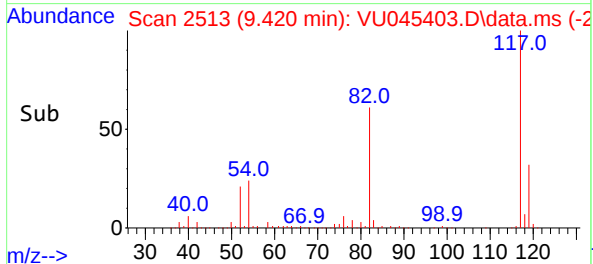
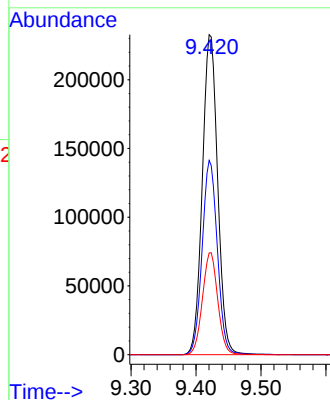
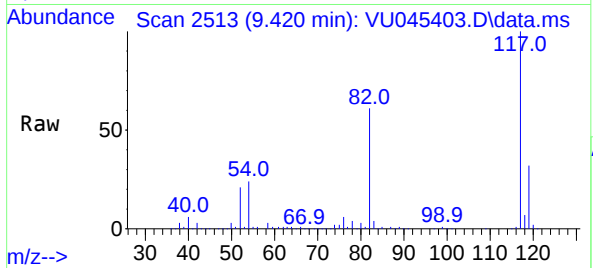




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045403.D
Acq: 26 Oct 2021 16:11

Instrument :
MSVOA_U
ClientSampleId :
VU1027

Tgt Ion:117 Resp: 383433
Ion Ratio Lower Upper
117 100
82 60.7 47.8 71.8
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU045403.D
Acq: 26 Oct 2021 16:11

Tgt Ion:152 Resp: 187842
Ion Ratio Lower Upper
152 100
115 63.0 43.5 130.7
150 158.1 0.0 350.0

