

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045748.D
 Acq On : 11 Nov 2021 18:55
 Operator : SY/MD
 Sample : M4606-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ROOF-DRAIN-20211109

Quant Time: Nov 12 06:12:26 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)

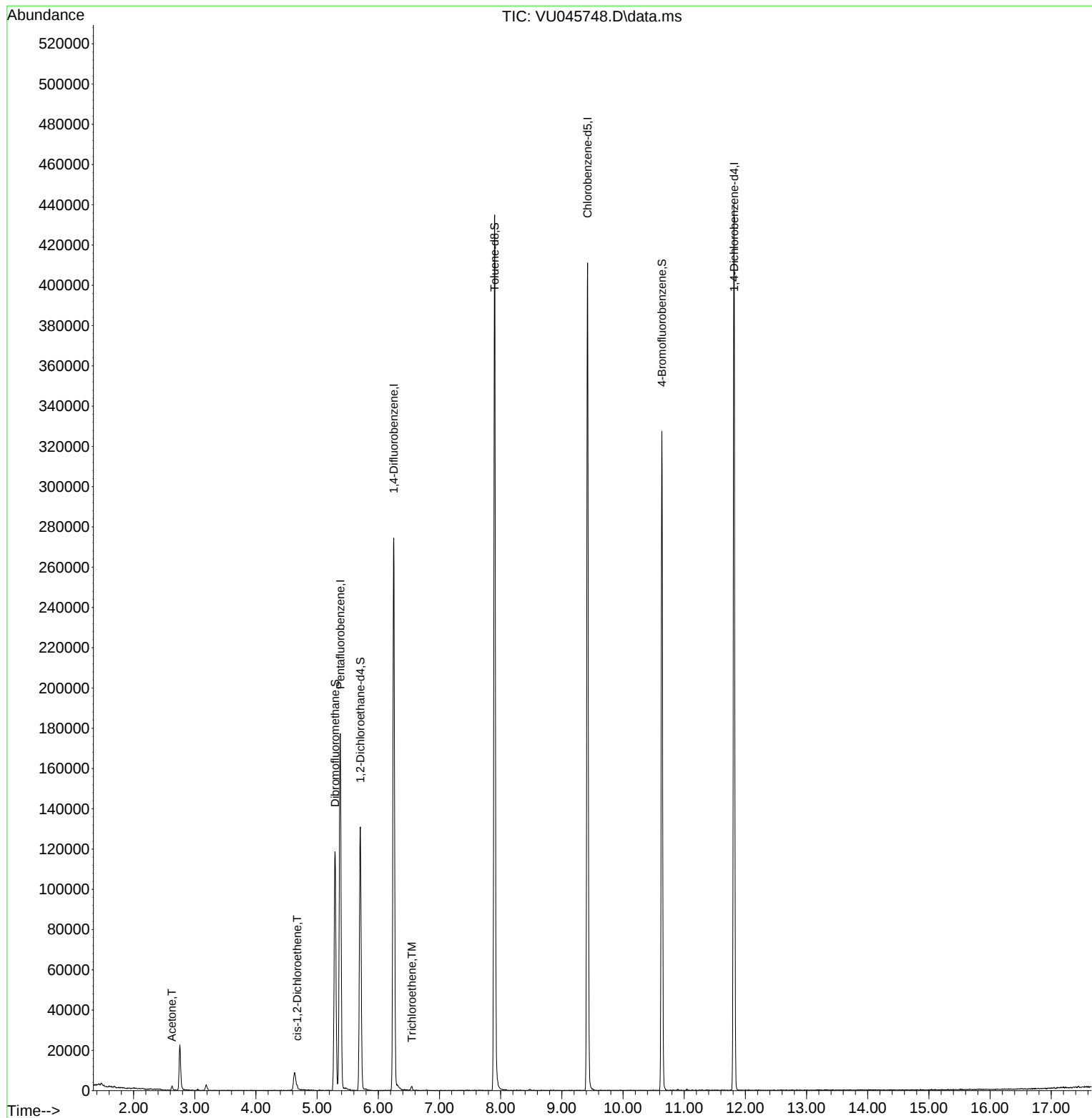
Internal Standards						
1) Pentafluorobenzene	5.378	168	117021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	217457	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	224828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	110507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	96223	54.905	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.820%	
35) Dibromofluoromethane	5.292	113	75447	51.966	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.940%	
50) Toluene-d8	7.902	98	286870	53.137	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.280%	
62) 4-Bromofluorobenzene	10.635	95	107113	49.478	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.960%	
Target Compounds						
						Qvalue
16) Acetone	2.626	43	2360	2.645	ug/l	94
27) cis-1,2-Dichloroethene	4.674	96	520	0.331	ug/l	82
44) Trichloroethene	6.549	130	780	0.519	ug/l	81

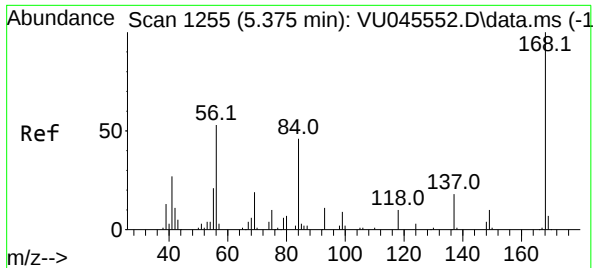
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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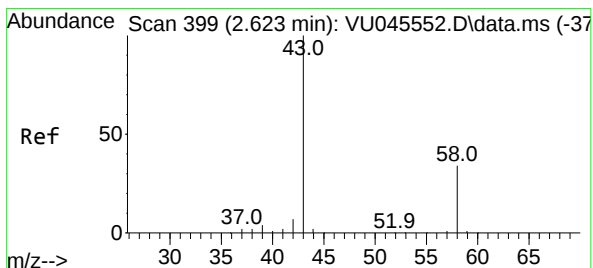
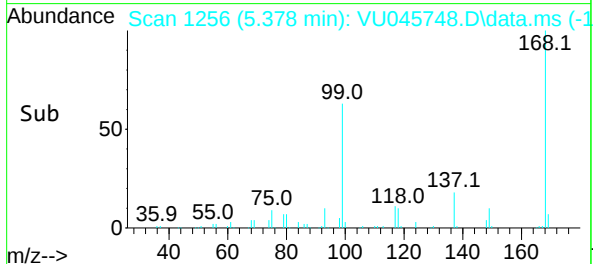
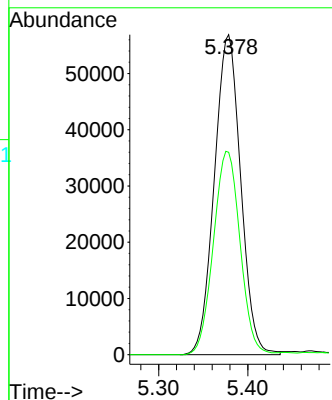
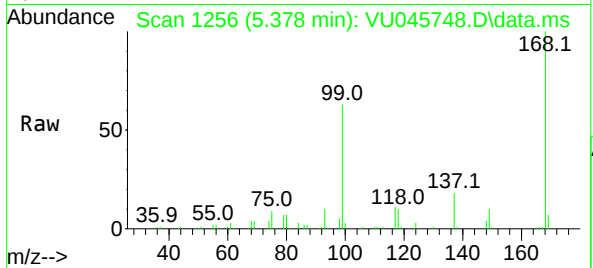




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045748.D
Acq: 11 Nov 2021 18:55

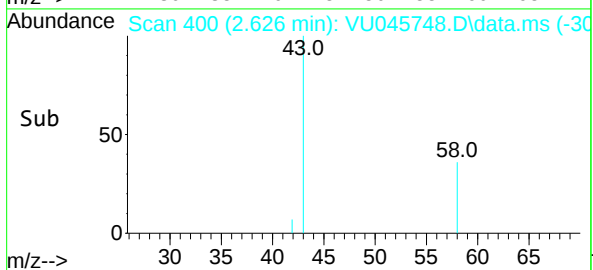
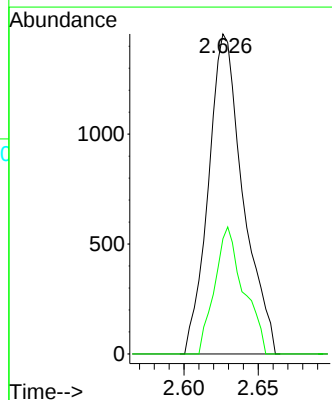
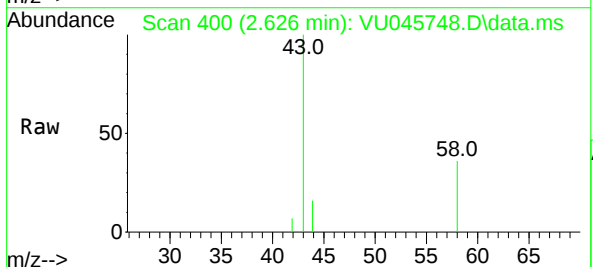
Instrument :
MSVOA_U
ClientSampleId :
ROOF-DRAIN-20211109

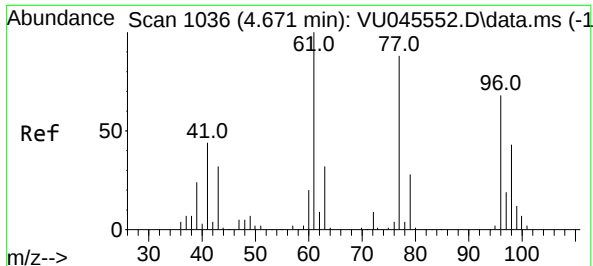
Tgt Ion:168 Resp: 117021
Ion Ratio Lower Upper
168 100
99 63.3 51.0 76.6



#16
Acetone
Concen: 2.645 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045748.D
Acq: 11 Nov 2021 18:55

Tgt Ion: 43 Resp: 2360
Ion Ratio Lower Upper
43 100
58 36.0 26.2 39.2





#27

cis-1,2-Dichloroethene

Concen: 0.331 ug/l

RT: 4.674 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU045748.D

Acq: 11 Nov 2021 18:55

Instrument :

MSVOA_U

ClientSampleId :

ROOF-DRAIN-20211109

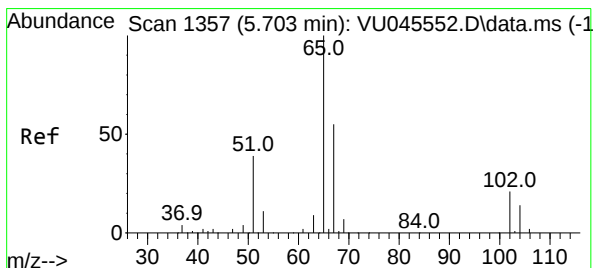
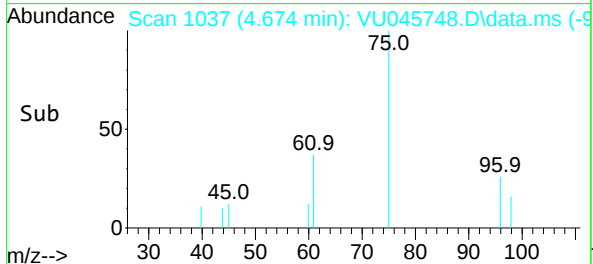
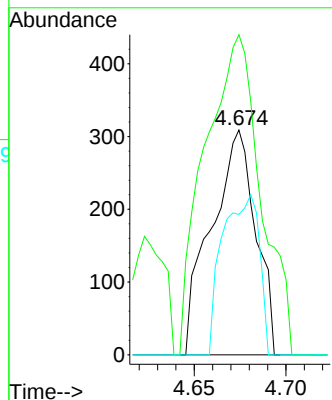
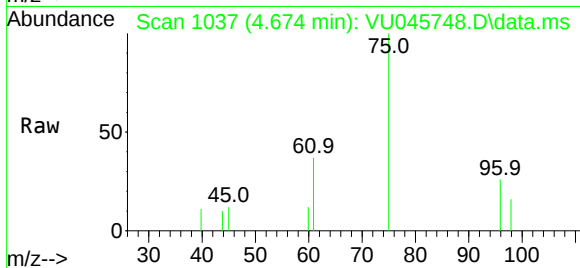
Tgt Ion: 96 Resp: 520

Ion Ratio Lower Upper

96 100

61 179.0 0.0 299.2

98 58.7 0.0 127.6



#33

1,2-Dichloroethane-d4

Concen: 54.905 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.003 min

Lab File: VU045748.D

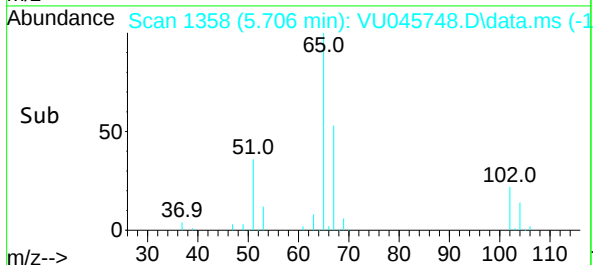
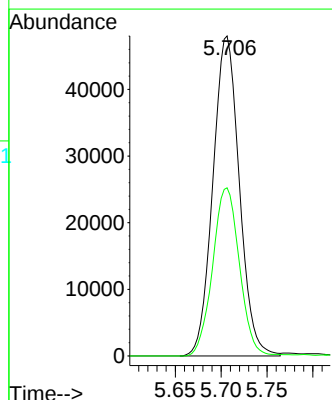
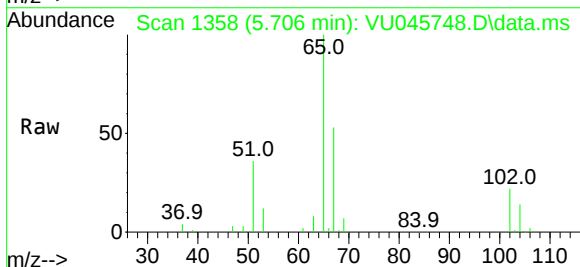
Acq: 11 Nov 2021 18:55

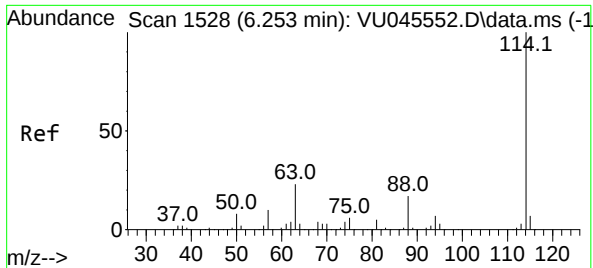
Tgt Ion: 65 Resp: 96223

Ion Ratio Lower Upper

65 100

67 53.4 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: VU045748.D

Acq: 11 Nov 2021 18:55

Instrument :

MSVOA_U

ClientSampleId :

ROOF-DRAIN-20211109

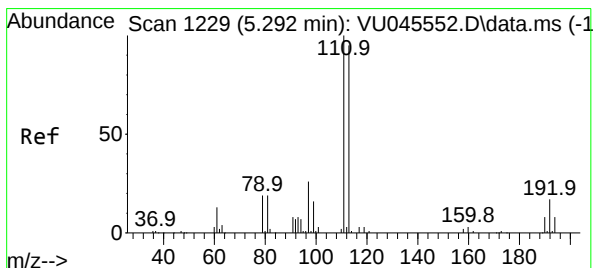
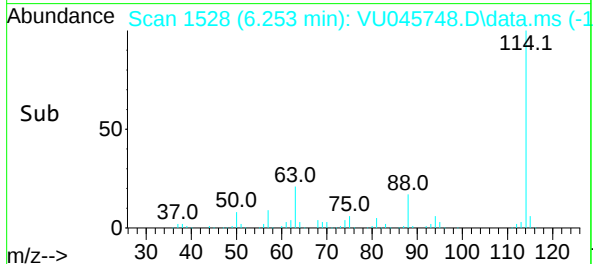
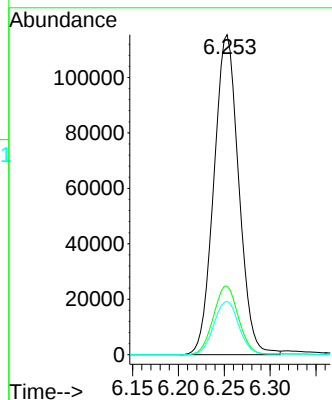
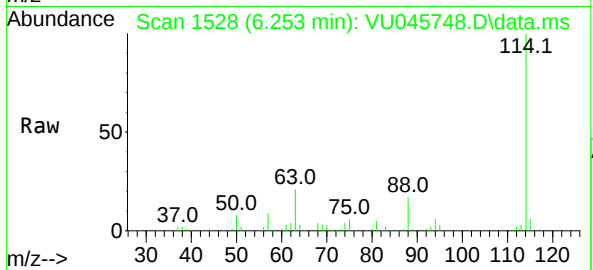
Tgt Ion:114 Resp: 217457

Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.6

88 16.6 0.0 33.8



#35

Dibromofluoromethane

Concen: 51.966 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045748.D

Acq: 11 Nov 2021 18:55

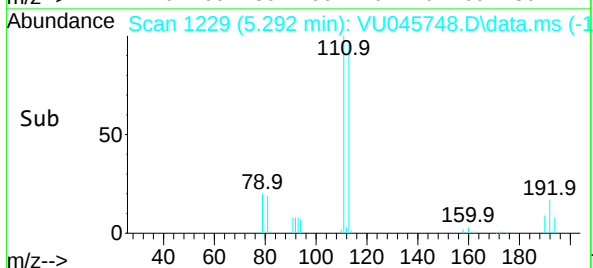
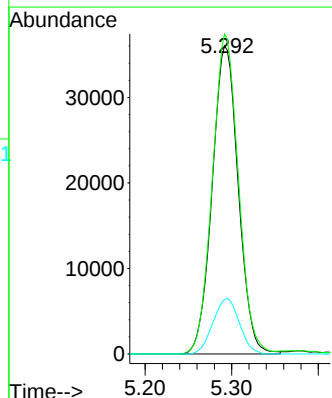
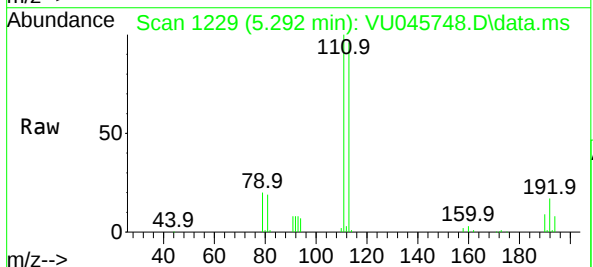
Tgt Ion:113 Resp: 75447

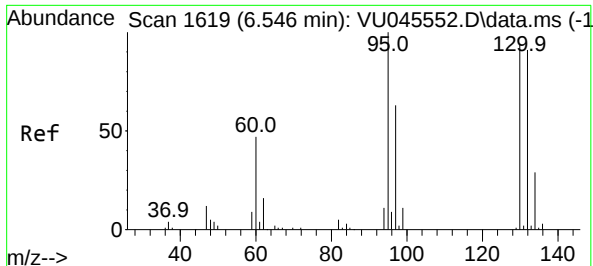
Ion Ratio Lower Upper

113 100

111 103.7 82.8 124.2

192 18.1 14.8 22.2

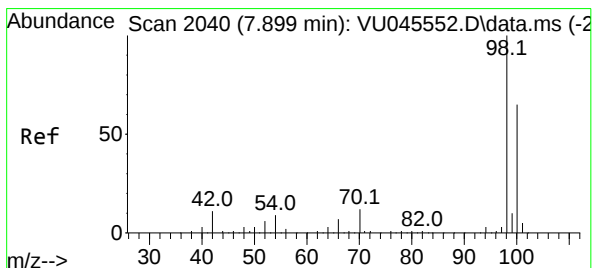
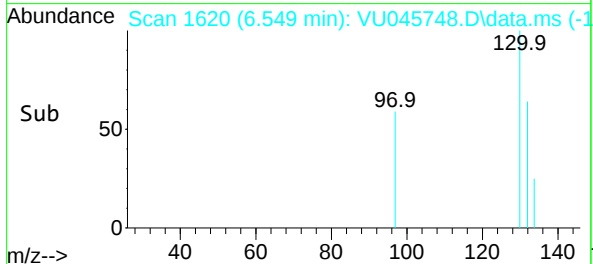
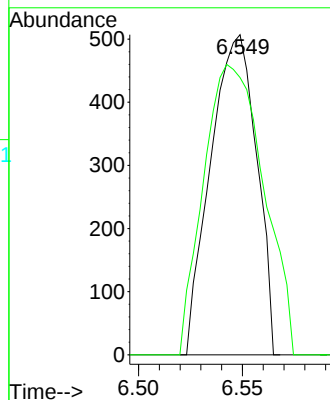
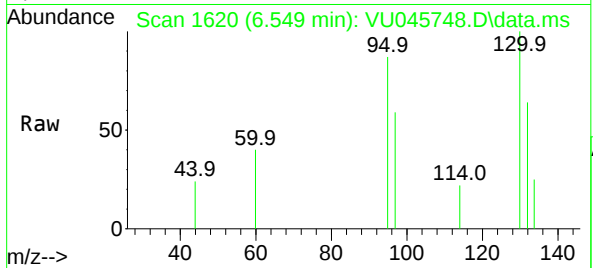




#44
Trichloroethene
Concen: 0.519 ug/l
RT: 6.549 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU045748.D
Acq: 11 Nov 2021 18:55

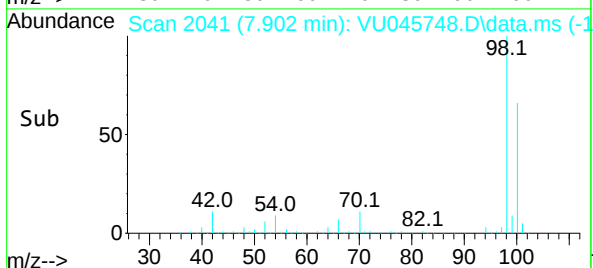
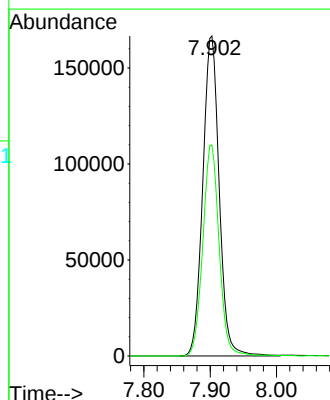
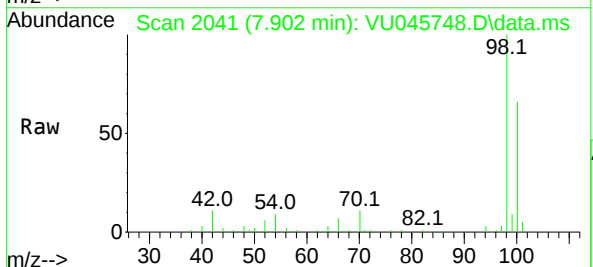
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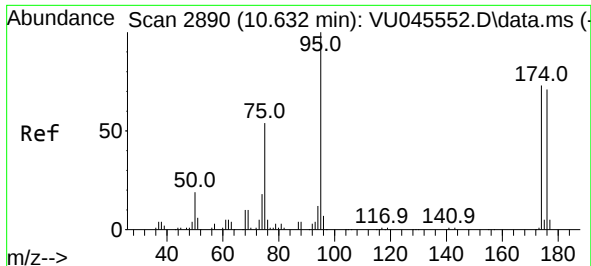
Tgt Ion:130 Resp: 780
Ion Ratio Lower Upper
130 100
95 86.6 0.0 211.4



#50
Toluene-d8
Concen: 53.137 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.003 min
Lab File: VU045748.D
Acq: 11 Nov 2021 18:55

Tgt Ion: 98 Resp: 286870
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

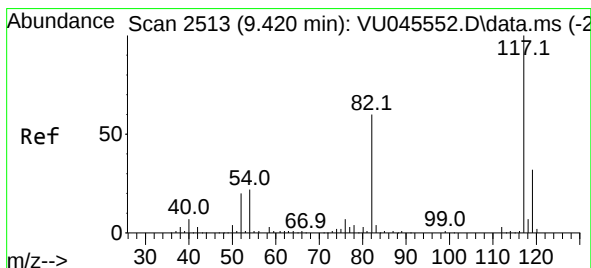
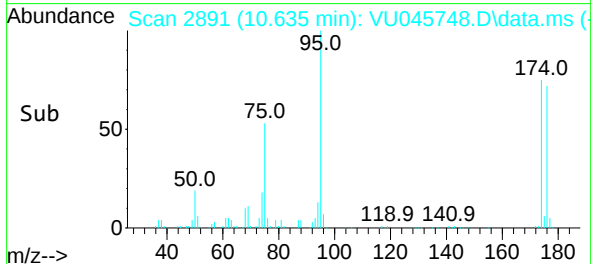
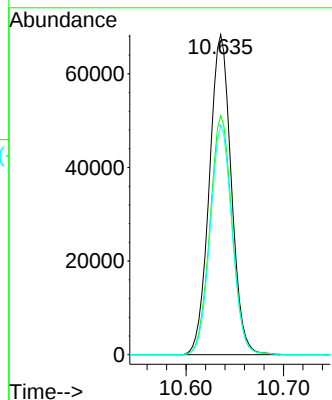
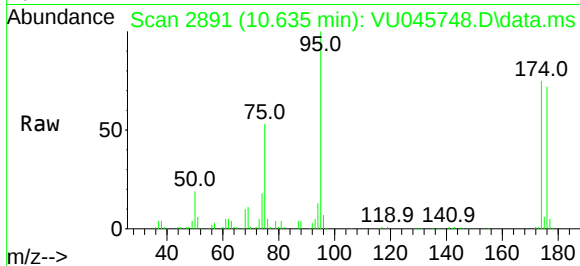




#62
4-Bromofluorobenzene
Concen: 49.478 ug/l
RT: 10.635 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045748.D
Acq: 11 Nov 2021 18:55

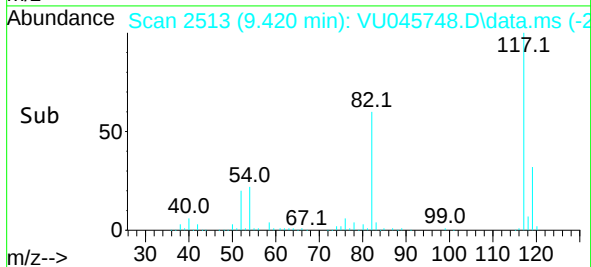
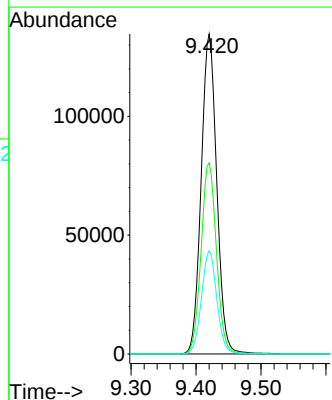
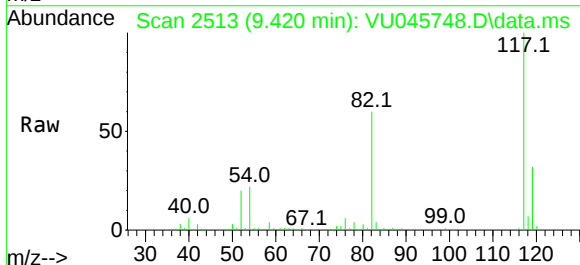
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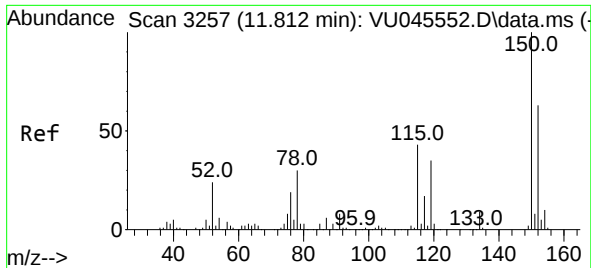
Tgt Ion: 95 Resp: 107113
Ion Ratio Lower Upper
95 100
174 75.4 0.0 141.8
176 71.5 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045748.D
Acq: 11 Nov 2021 18:55

Tgt Ion: 117 Resp: 224828
Ion Ratio Lower Upper
117 100
82 59.8 47.8 71.8
119 32.3 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.816 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU045748.D

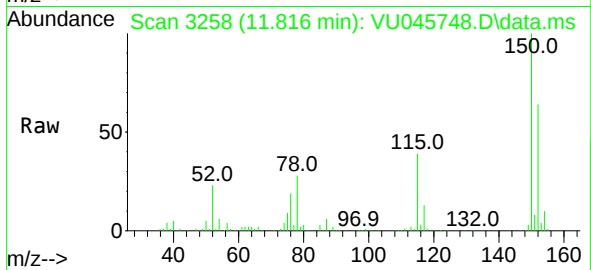
Acq: 11 Nov 2021 18:55

Instrument :

MSVOA_U

ClientSampleId :

ROOF-DRAIN-20211109



Tgt Ion:152 Resp: 110507

Ion Ratio Lower Upper

152 100

115 61.6 42.7 128.1

150 158.4 0.0 346.8

