

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110921\
 Data File : VU045655.D
 Acq On : 09 Nov 2021 14:00
 Operator : SY/MD
 Sample : M4591-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-G

Quant Time: Nov 10 01:59:07 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)

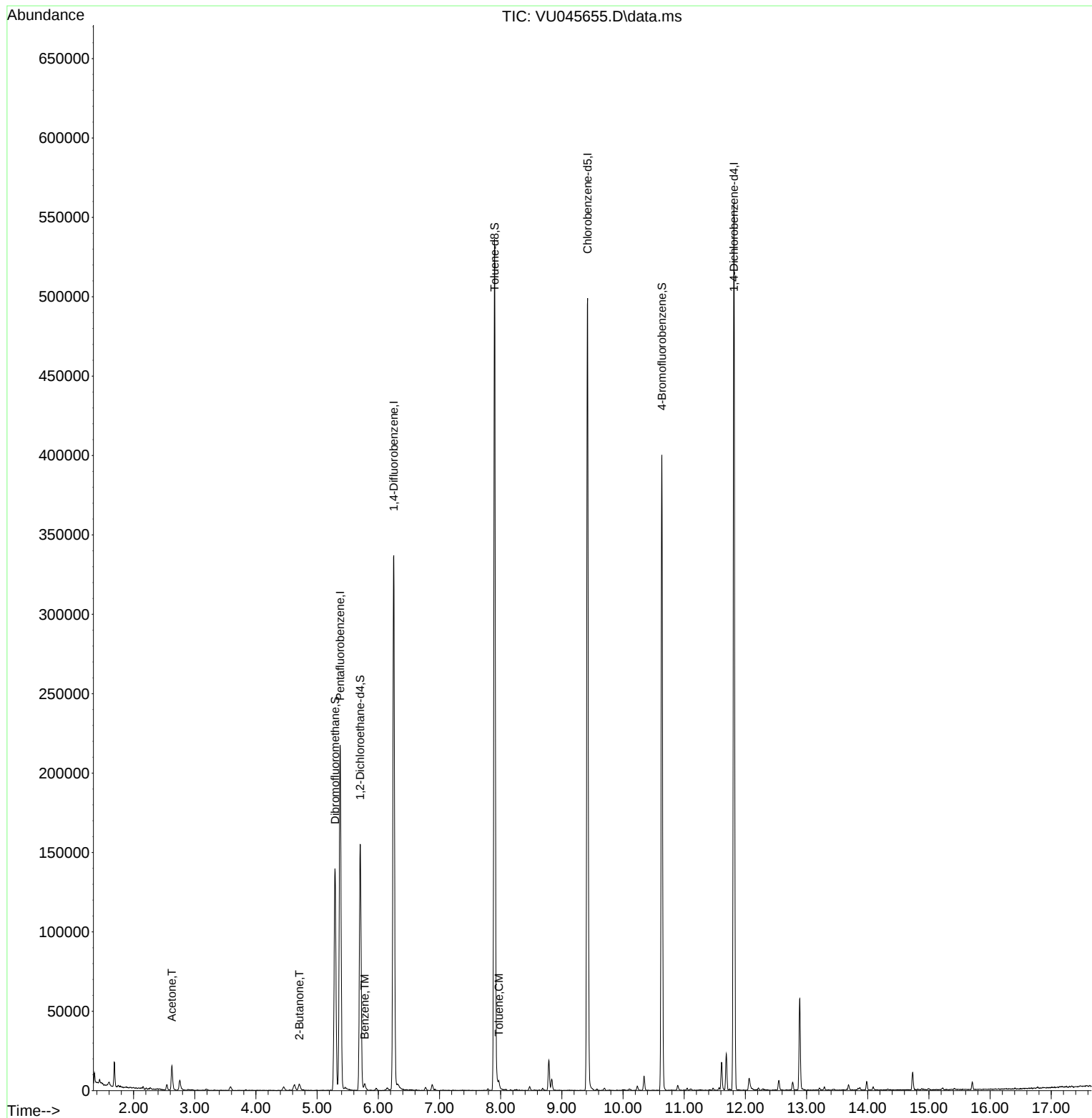
Internal Standards						
1) Pentafluorobenzene	5.375	168	143106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	265968	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	270945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	136141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	115108	53.709	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.420%		
35) Dibromofluoromethane	5.292	113	89407	50.350	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.700%		
50) Toluene-d8	7.899	98	352920	53.448	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 106.900%		
62) 4-Bromofluorobenzene	10.636	95	135732	51.263	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 102.520%		
Target Compounds						
					Qvalue	
16) Acetone	2.626	43	16881	15.473	ug/l	94
25) 2-Butanone	4.710	43	6236	4.121	ug/l	96
40) Benzene	5.777	78	3192	0.416	ug/l #	88
52) Toluene	7.970	92	1700	0.362	ug/l	95

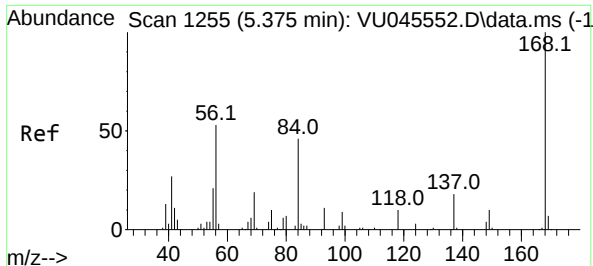
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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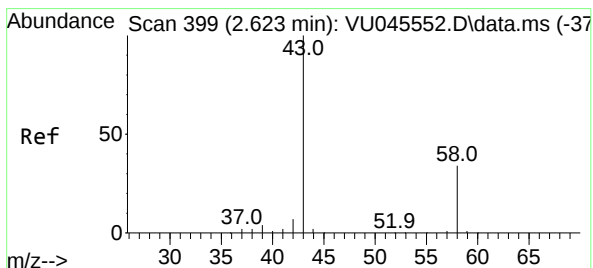
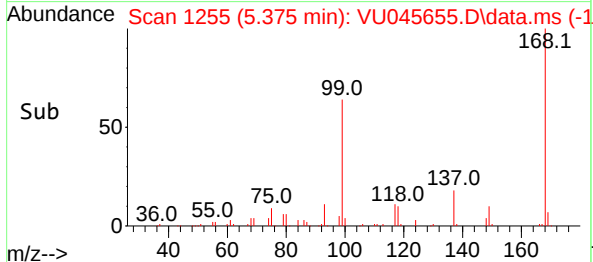
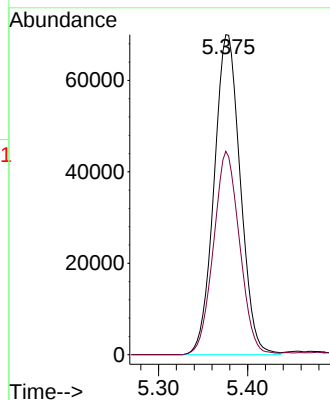
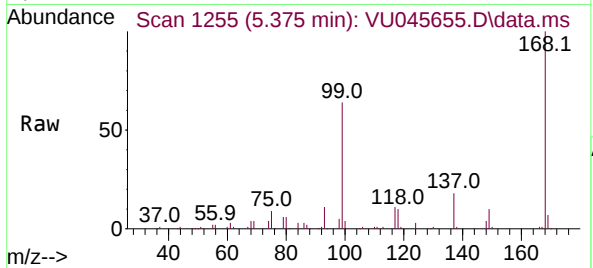




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045655.D
Acq: 09 Nov 2021 14:00

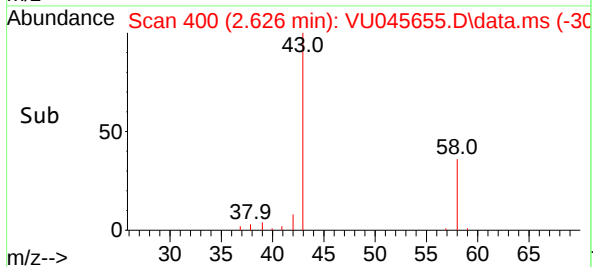
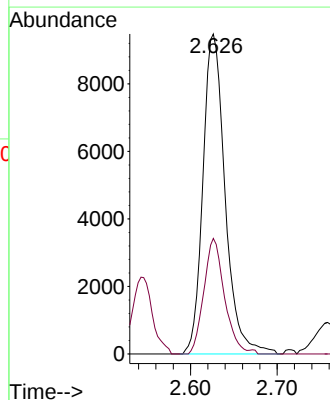
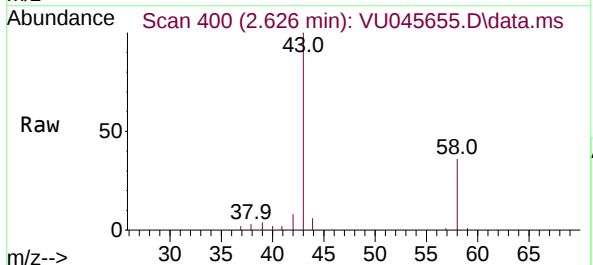
Instrument :
MSVOA_U
ClientSampleId :
TW-G

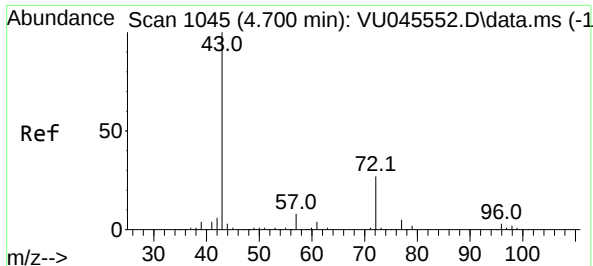
Tgt Ion:168 Resp: 143106
Ion Ratio Lower Upper
168 100
99 63.5 51.0 76.6



#16
Acetone
Concen: 15.473 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045655.D
Acq: 09 Nov 2021 14:00

Tgt Ion: 43 Resp: 16881
Ion Ratio Lower Upper
43 100
58 36.1 26.2 39.2





#25

2-Butanone

Concen: 4.121 ug/l

RT: 4.710 min Scan# 1048

Delta R.T. 0.010 min

Lab File: VU045655.D

Acq: 09 Nov 2021 14:00

Instrument :

MSVOA_U

ClientSampleId :

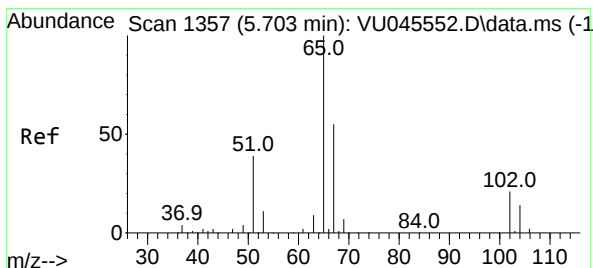
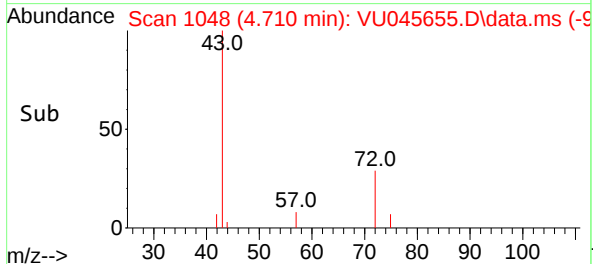
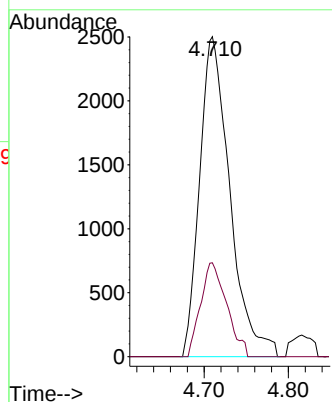
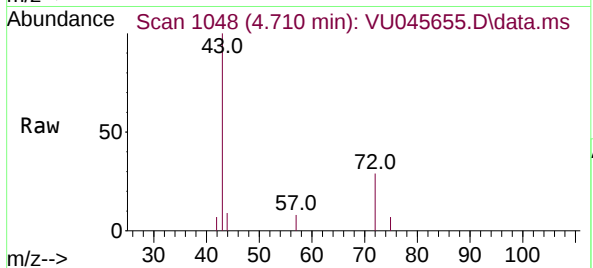
TW-G

Tgt Ion: 43 Resp: 6236

Ion Ratio Lower Upper

43 100

72 29.4 22.0 33.0



#33

1,2-Dichloroethane-d4

Concen: 53.709 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VU045655.D

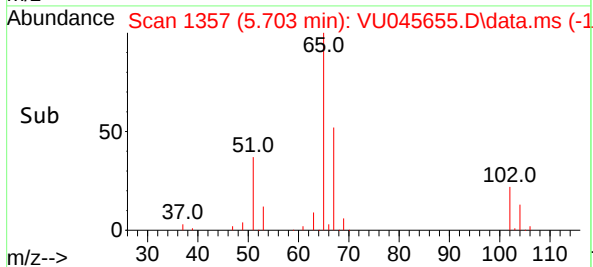
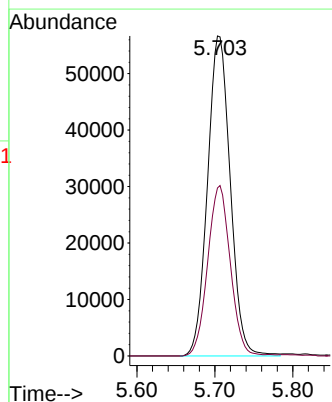
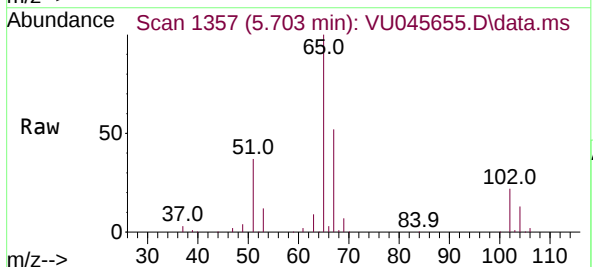
Acq: 09 Nov 2021 14:00

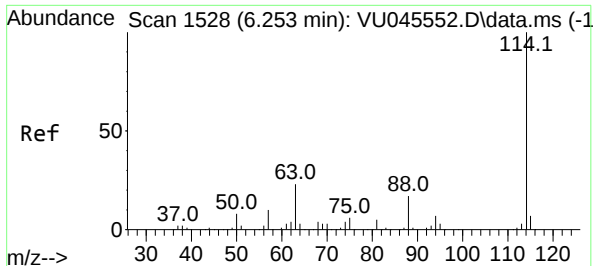
Tgt Ion: 65 Resp: 115108

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045655.D

Acq: 09 Nov 2021 14:00

Instrument :

MSVOA_U

ClientSampleId :

TW-G

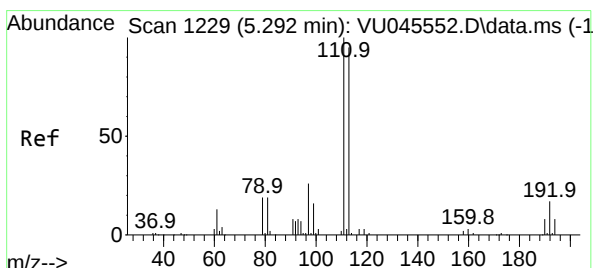
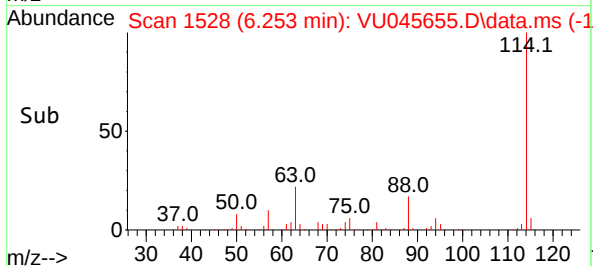
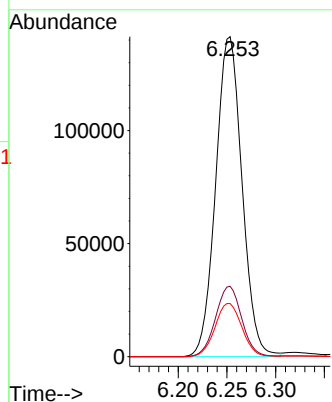
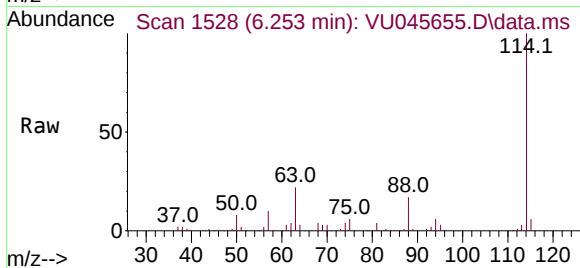
Tgt Ion:114 Resp: 265968

Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.6

88 16.6 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.350 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045655.D

Acq: 09 Nov 2021 14:00

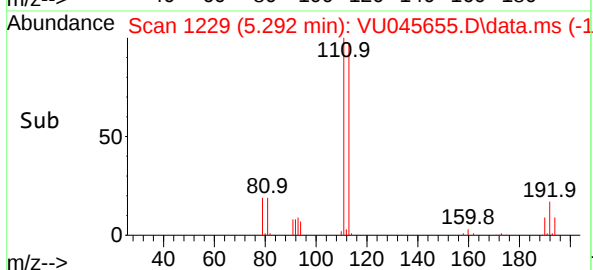
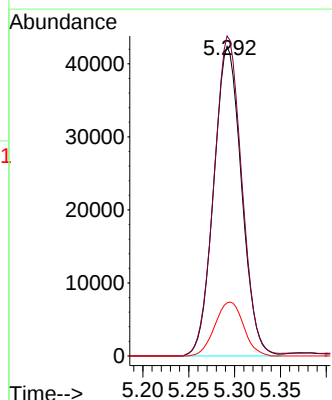
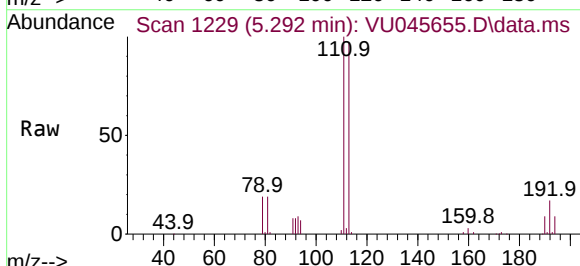
Tgt Ion:113 Resp: 89407

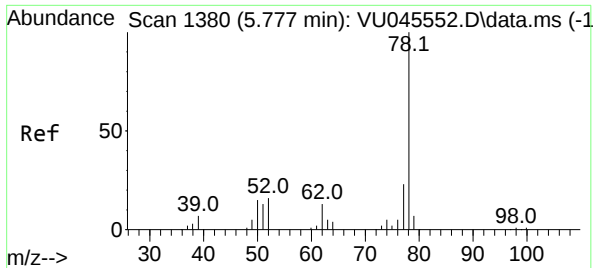
Ion Ratio Lower Upper

113 100

111 103.3 82.8 124.2

192 18.0 14.8 22.2

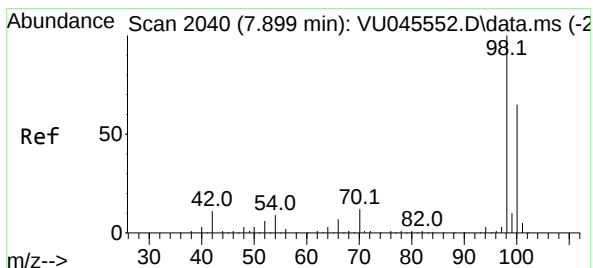
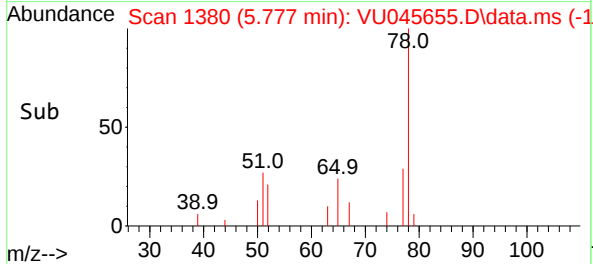
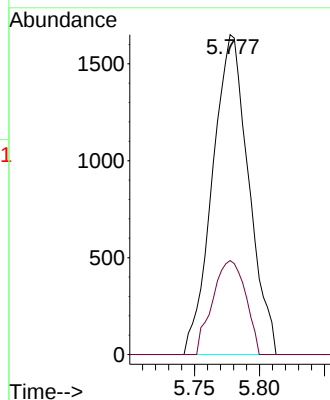
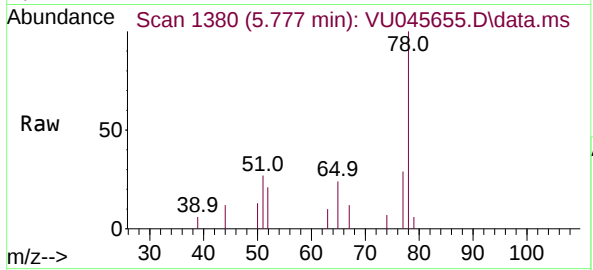




#40
Benzene
Concen: 0.416 ug/l
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045655.D
Acq: 09 Nov 2021 14:00

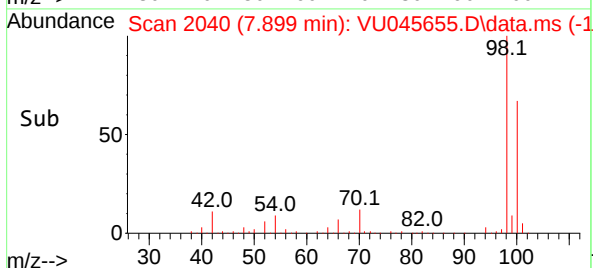
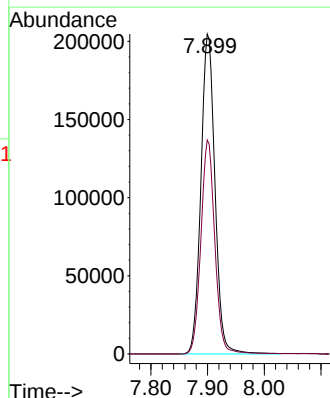
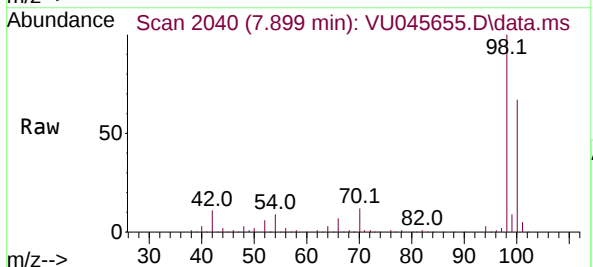
Instrument :
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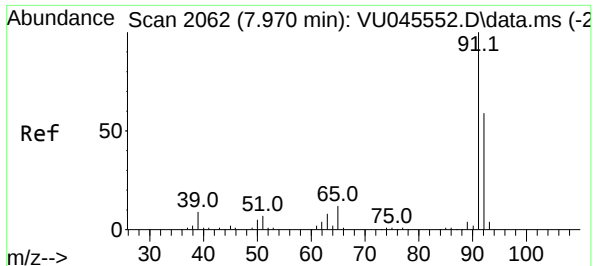
Tgt Ion: 78 Resp: 3192
Ion Ratio Lower Upper
78 100
77 29.4 19.0 28.4#



#50
Toluene-d8
Concen: 53.448 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045655.D
Acq: 09 Nov 2021 14:00

Tgt Ion: 98 Resp: 352920
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7

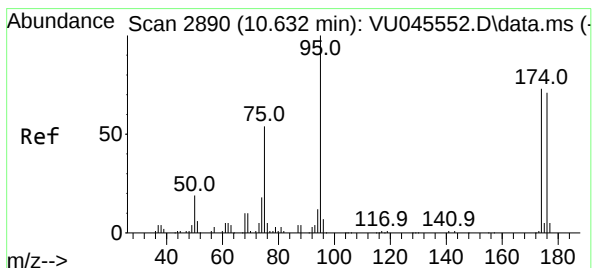
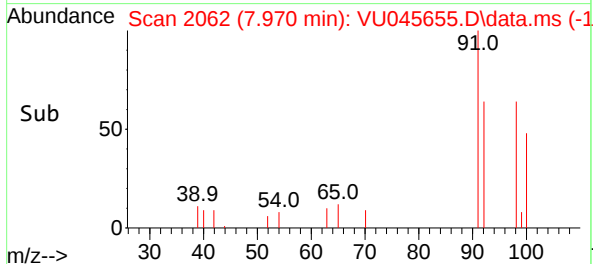
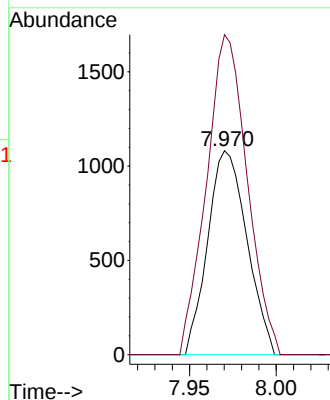
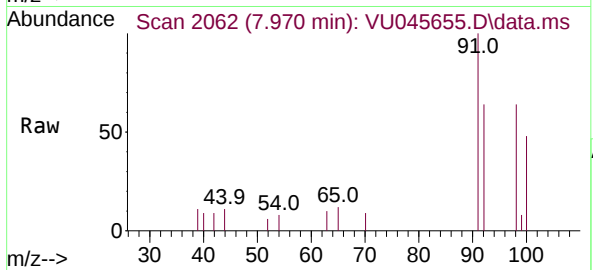




#52
Toluene
Concen: 0.362 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU045655.D
Acq: 09 Nov 2021 14:00

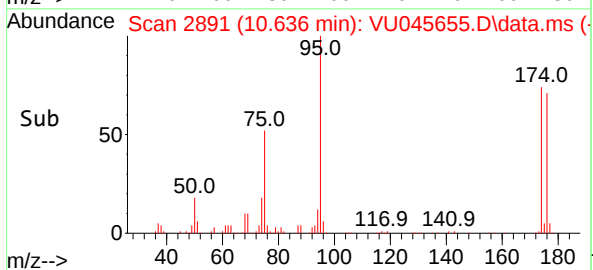
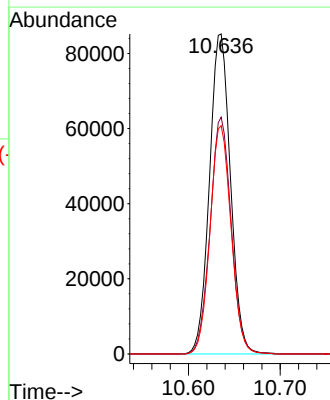
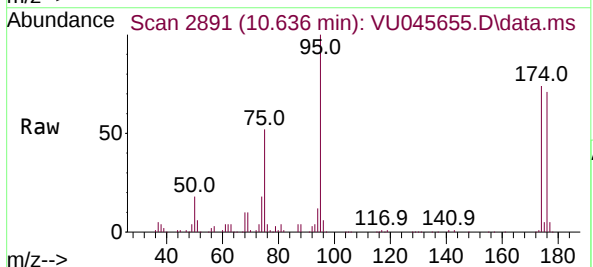
Instrument :
MSVOA_U
ClientSampleId :
TW-G

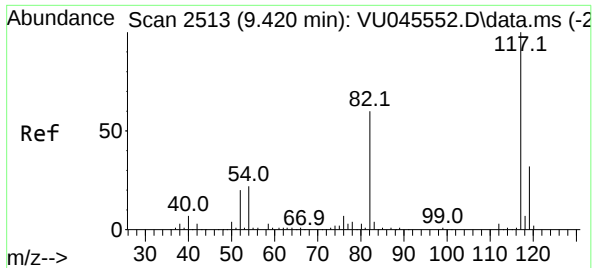
Tgt Ion: 92 Resp: 1700
Ion Ratio Lower Upper
92 100
91 163.2 135.6 203.4



#62
4-Bromofluorobenzene
Concen: 51.263 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045655.D
Acq: 09 Nov 2021 14:00

Tgt Ion: 95 Resp: 135732
Ion Ratio Lower Upper
95 100
174 74.0 0.0 141.8
176 71.3 0.0 138.2

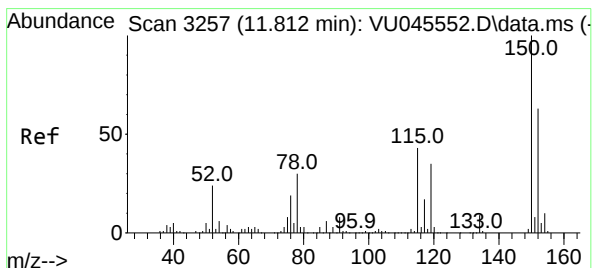
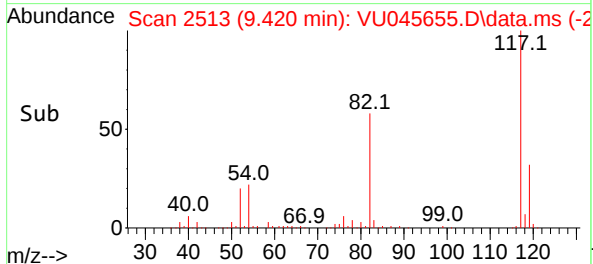
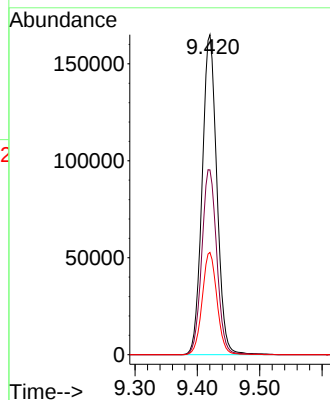
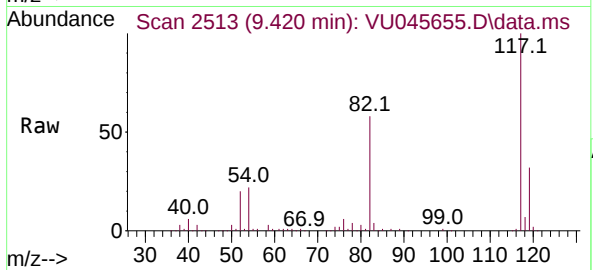




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045655.D
Acq: 09 Nov 2021 14:00

Instrument :
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Tgt Ion:117 Resp: 270945
Ion Ratio Lower Upper
117 100
82 57.7 47.8 71.8
119 31.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU045655.D
Acq: 09 Nov 2021 14:00

Tgt Ion:152 Resp: 136141
Ion Ratio Lower Upper
152 100
115 61.7 42.7 128.1
150 158.0 0.0 346.8

