

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045613.D
 Acq On : 08 Nov 2021 14:23
 Operator : SY/MD
 Sample : M4571-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-4

Quant Time: Nov 09 09:56:14 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)

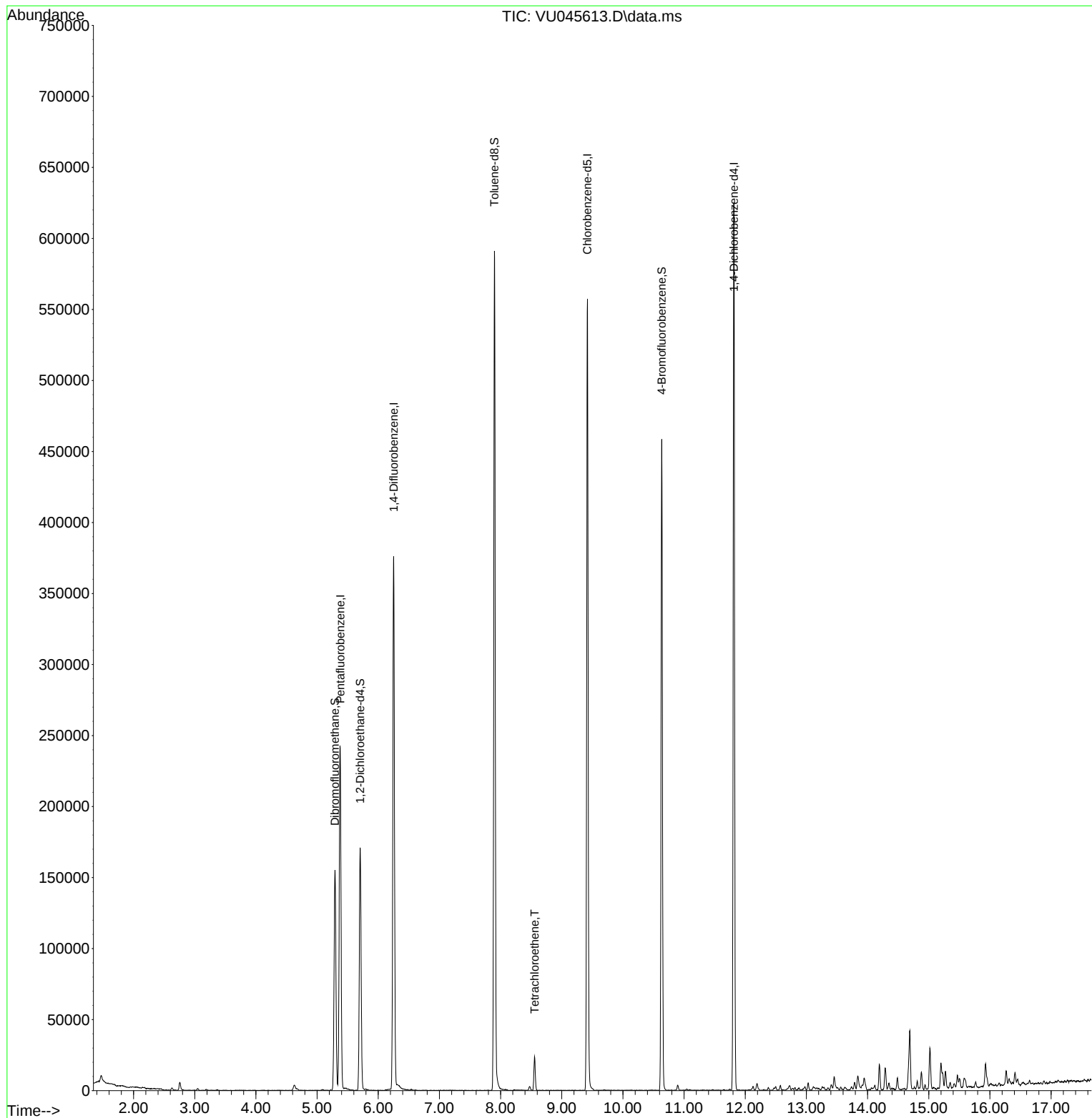
Internal Standards						
1) Pentafluorobenzene	5.379	168	162755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	298101	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	305389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	159285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	127989	52.510	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.020%	
35) Dibromofluoromethane	5.292	113	100736	50.614	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.220%	
50) Toluene-d8	7.899	98	391568	52.909	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.820%	
62) 4-Bromofluorobenzene	10.636	95	153461	51.711	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.420%	
Target Compounds						Qvalue
64) Tetrachloroethene	8.558	164	4939	2.818	ug/l	96

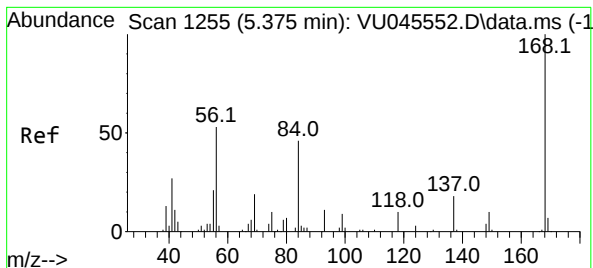
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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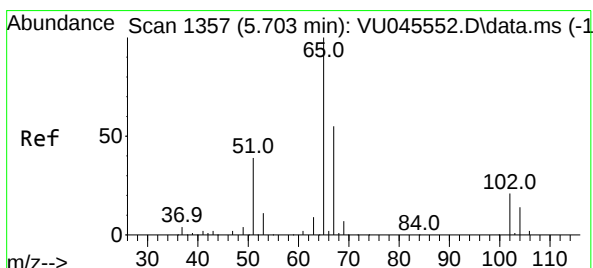
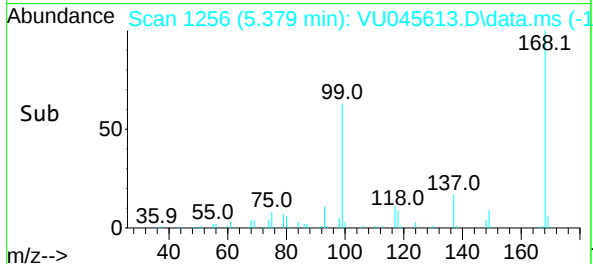
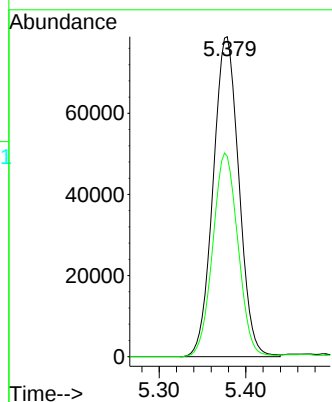
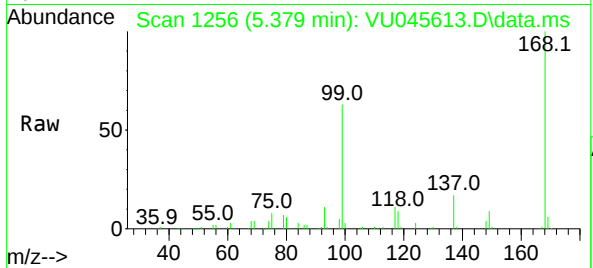




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 1255
Delta R.T. 0.004 min
Lab File: VU045613.D
Acq: 08 Nov 2021 14:23

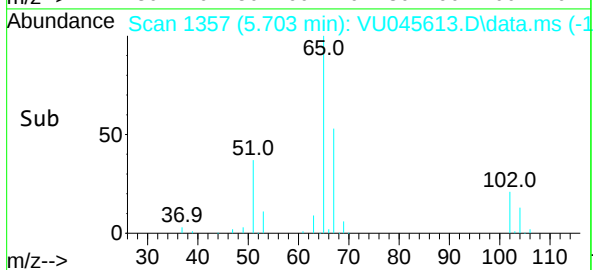
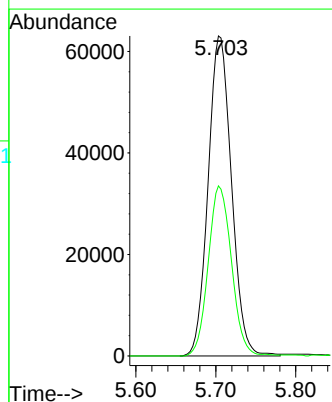
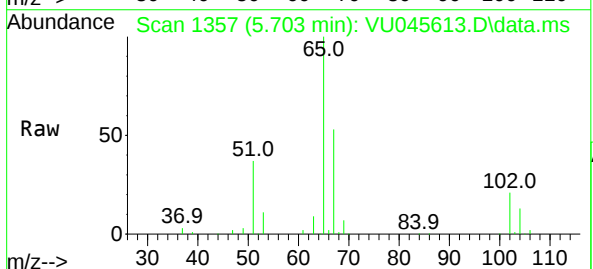
Instrument :
MSVOA_U
ClientSampleId :
MW-4

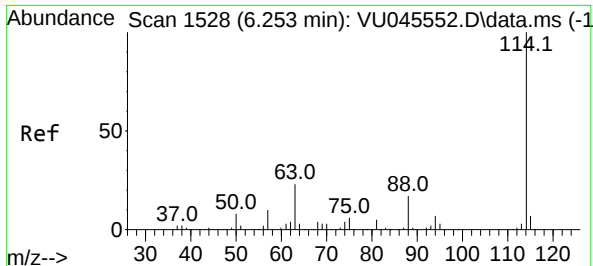
Tgt Ion:168 Resp: 162755
Ion Ratio Lower Upper
168 100
99 62.6 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 52.510 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VU045613.D
Acq: 08 Nov 2021 14:23

Tgt Ion: 65 Resp: 127989
Ion Ratio Lower Upper
65 100
67 52.9 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: VU045613.D

Acq: 08 Nov 2021 14:23

Instrument :

MSVOA_U

ClientSampleId :

MW-4

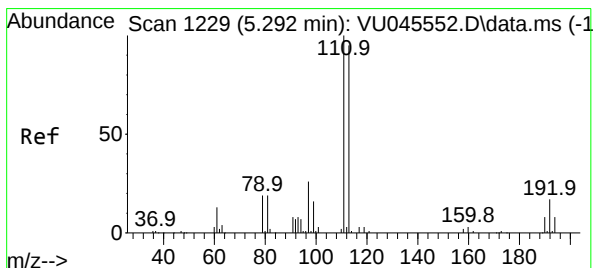
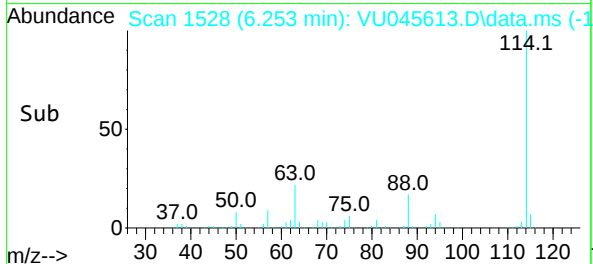
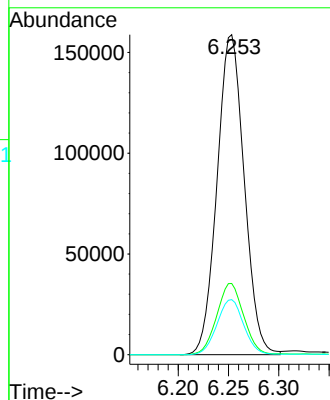
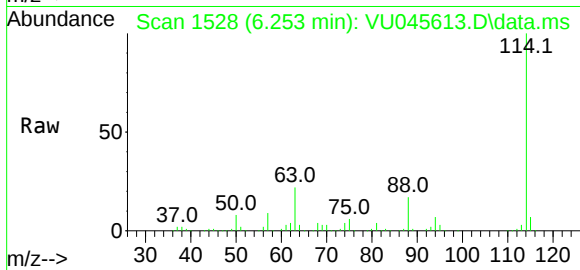
Tgt Ion:114 Resp: 298101

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.6

88 17.2 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.614 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045613.D

Acq: 08 Nov 2021 14:23

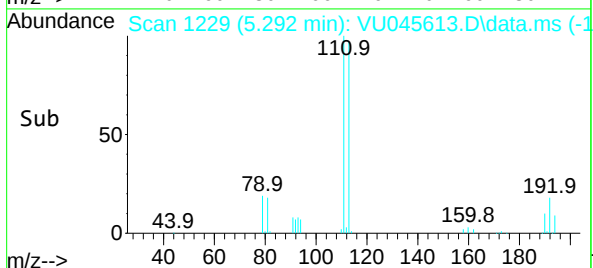
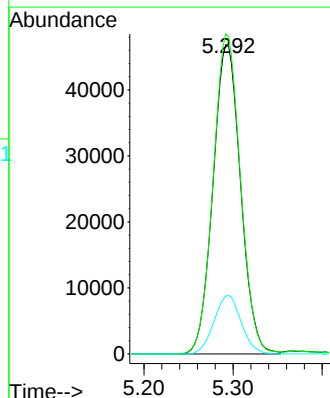
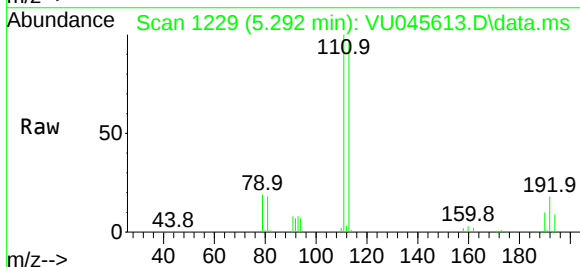
Tgt Ion:113 Resp: 100736

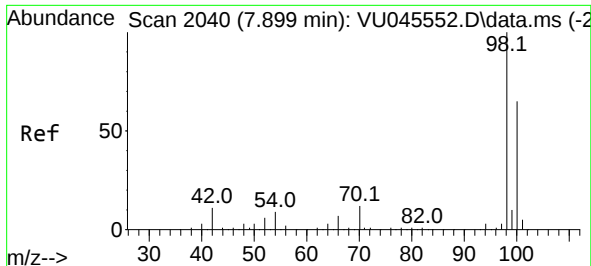
Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

192 18.7 14.8 22.2

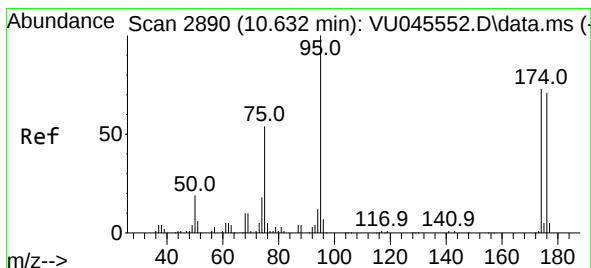
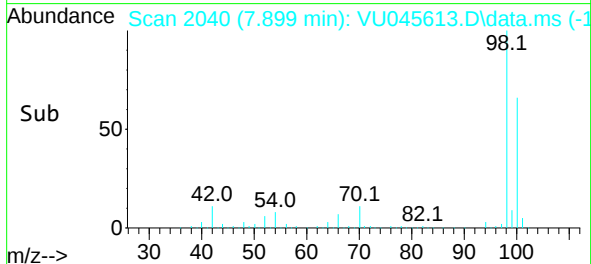
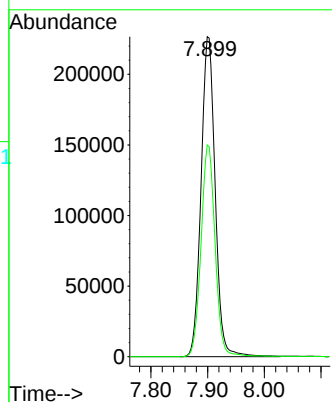
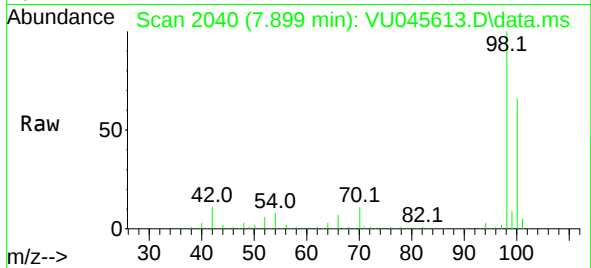




#50
Toluene-d8
Concen: 52.909 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045613.D
Acq: 08 Nov 2021 14:23

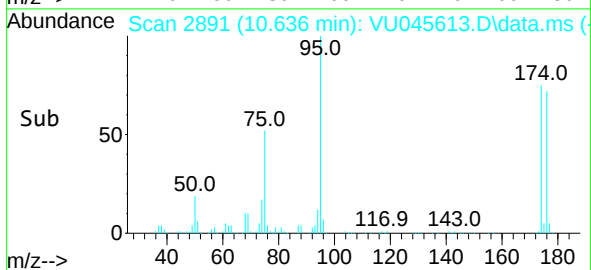
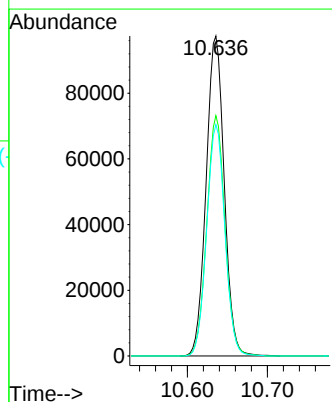
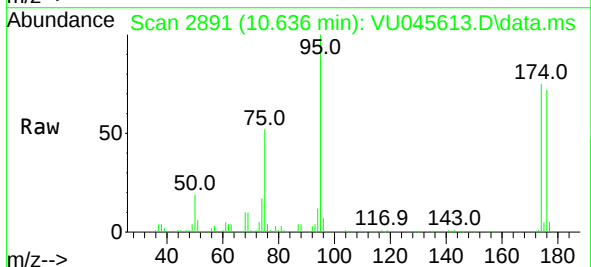
Instrument :
MSVOA_U
ClientSampleId :
MW-4

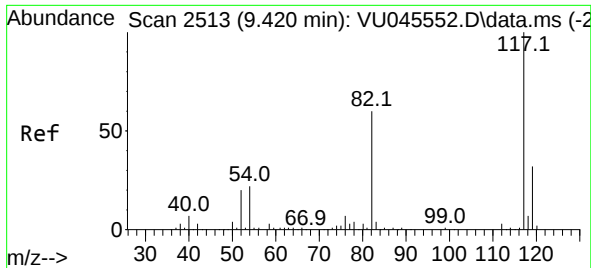
Tgt Ion: 98 Resp: 391568
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.711 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045613.D
Acq: 08 Nov 2021 14:23

Tgt Ion: 95 Resp: 153461
Ion Ratio Lower Upper
95 100
174 75.5 0.0 141.8
176 72.6 0.0 138.2

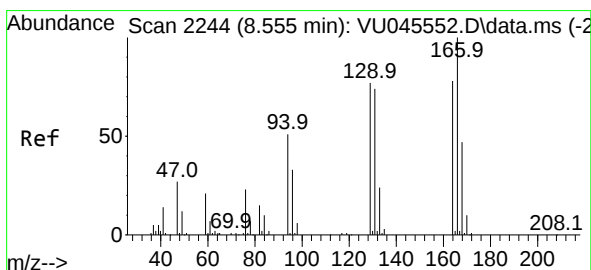
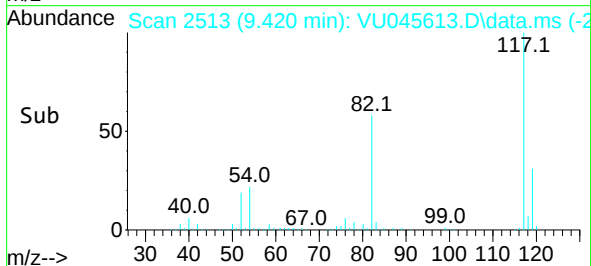
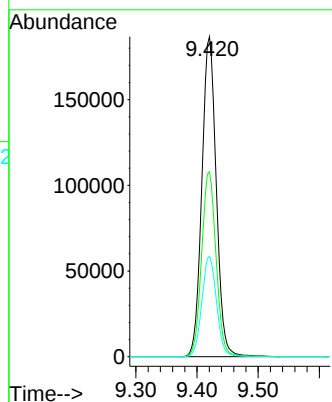
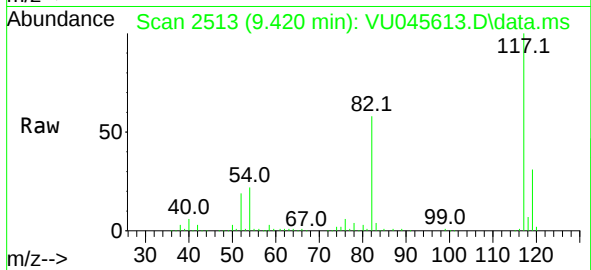




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045613.D
Acq: 08 Nov 2021 14:23

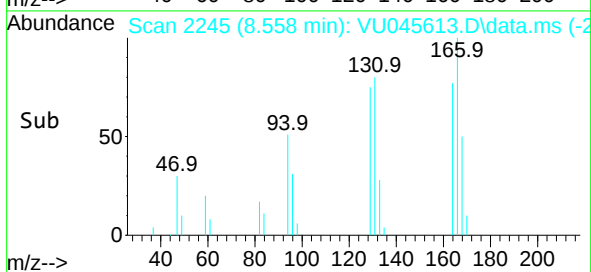
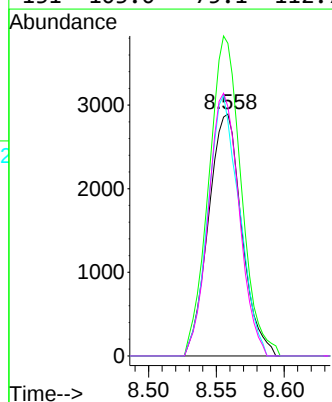
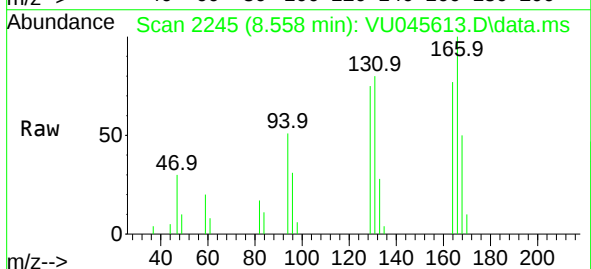
Instrument :
MSVOA_U
ClientSampleId :
MW-4

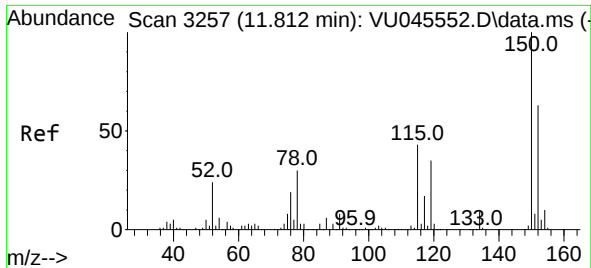
Tgt Ion:117 Resp: 305389
Ion Ratio Lower Upper
117 100
82 57.8 47.8 71.8
119 31.4 25.8 38.8



#64
Tetrachloroethene
Concen: 2.818 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU045613.D
Acq: 08 Nov 2021 14:23

Tgt Ion:164 Resp: 4939
Ion Ratio Lower Upper
164 100
166 129.2 102.2 153.4
129 97.0 78.2 117.4
131 103.0 75.1 112.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.816 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU045613.D

Acq: 08 Nov 2021 14:23

Instrument :

MSVOA_U

ClientSampleId :

MW-4

Tgt Ion:152 Resp: 159285

Ion Ratio Lower Upper

152 100

115 61.1 42.7 128.1

150 156.0 0.0 346.8

