

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045500.D
 Acq On : 01 Nov 2021 20:26
 Operator : SY/MD
 Sample : M4431-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-DUP-20211029

Quant Time: Nov 02 07:37:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

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

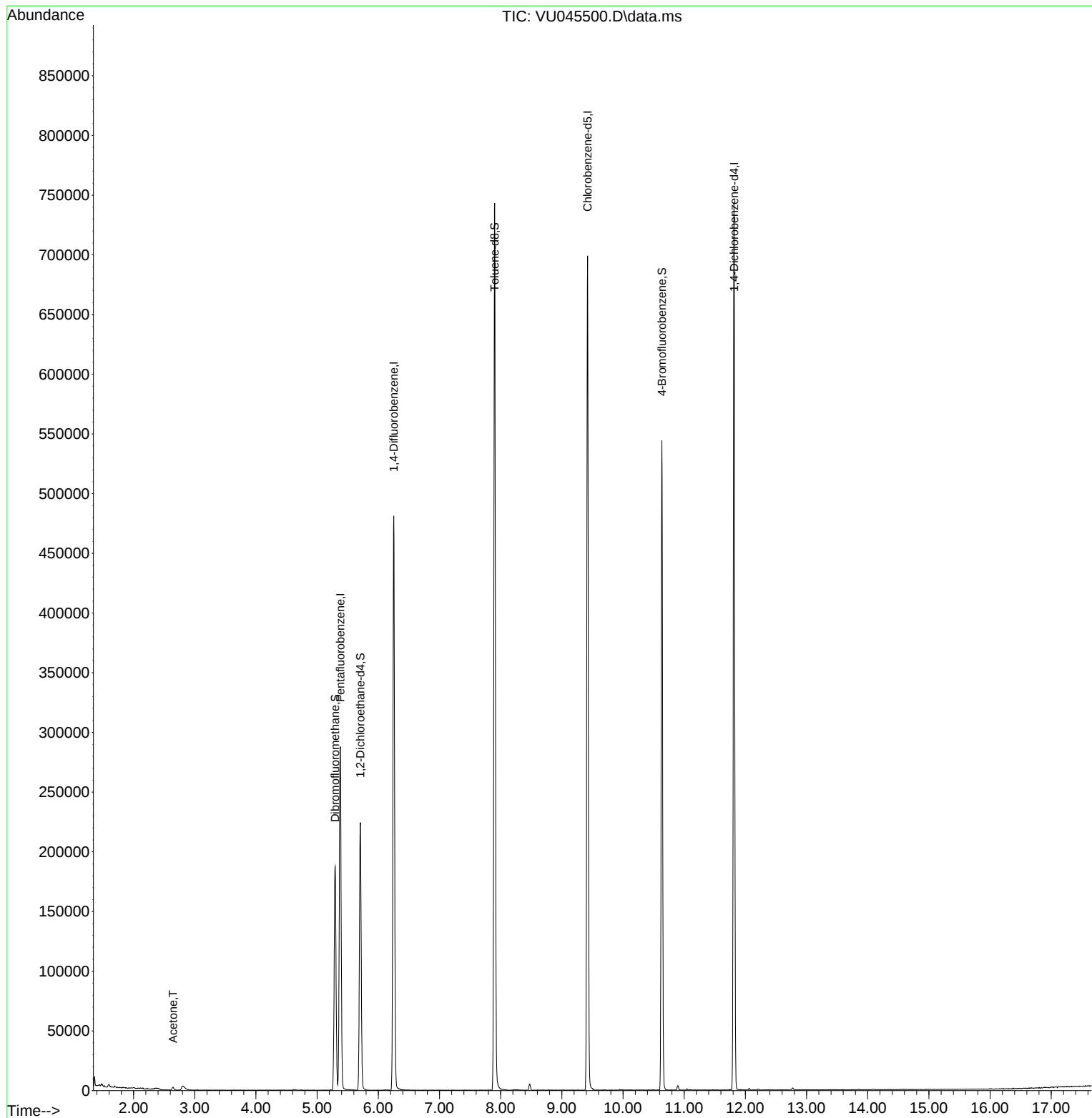
Internal Standards						
1) Pentafluorobenzene	5.379	168	193716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	383363	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	375003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	183229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	165221	52.389	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.780%	
35) Dibromofluoromethane	5.295	113	122433	50.227	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.460%	
50) Toluene-d8	7.903	98	490919	51.358	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.720%	
62) 4-Bromofluorobenzene	10.636	95	186487	51.198	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.400%	
Target Compounds						
16) Acetone	2.646	43	3447	2.408	ug/l	Qvalue 95

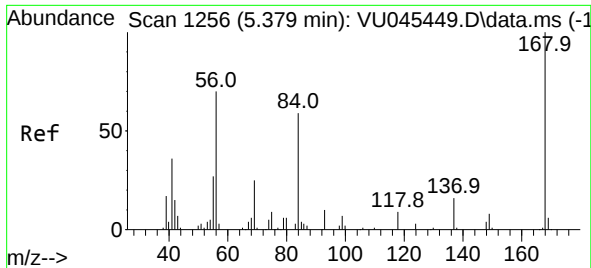
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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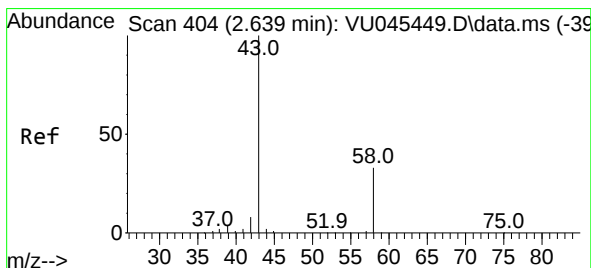
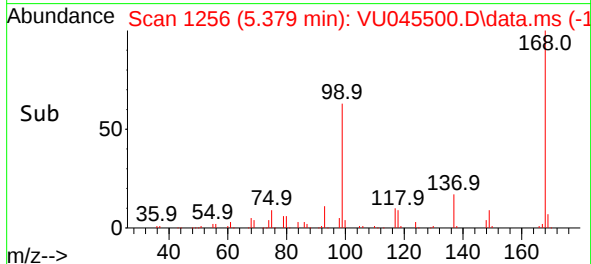
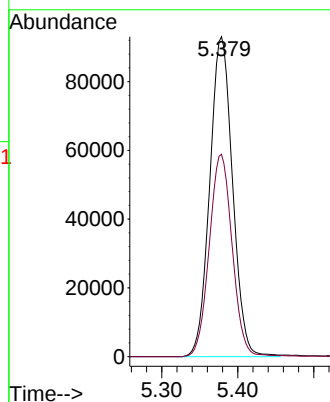
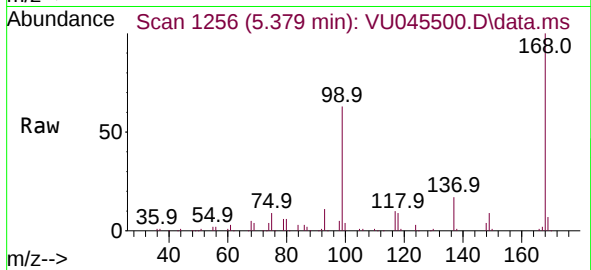




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045500.D
Acq: 01 Nov 2021 20:26

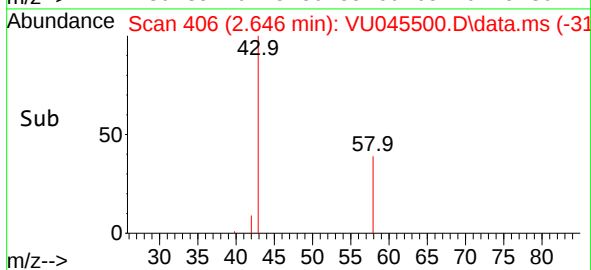
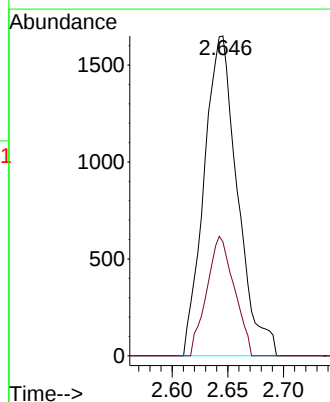
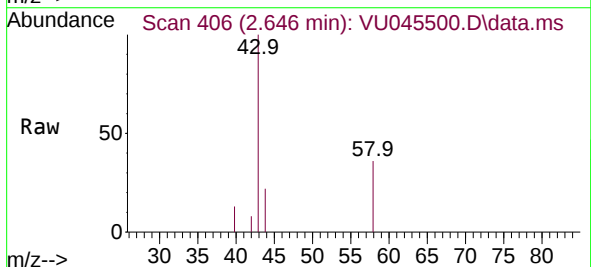
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-DUP-20211029

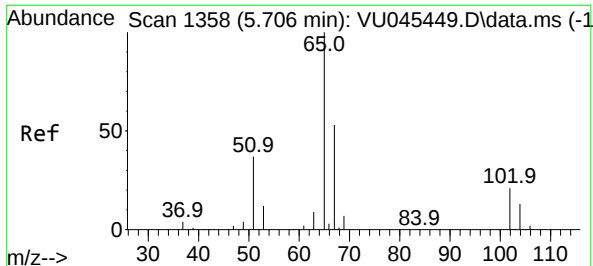
Tgt Ion:168 Resp: 193716
Ion Ratio Lower Upper
168 100
99 63.3 51.0 76.6



#16
Acetone
Concen: 2.408 ug/l
RT: 2.646 min Scan# 406
Delta R.T. 0.006 min
Lab File: VU045500.D
Acq: 01 Nov 2021 20:26

Tgt Ion: 43 Resp: 3447
Ion Ratio Lower Upper
43 100
58 35.6 26.2 39.2





#33

1,2-Dichloroethane-d4

Concen: 52.389 ug/l

RT: 5.707 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045500.D

Acq: 01 Nov 2021 20:26

Instrument :

MSVOA_U

ClientSampleId :

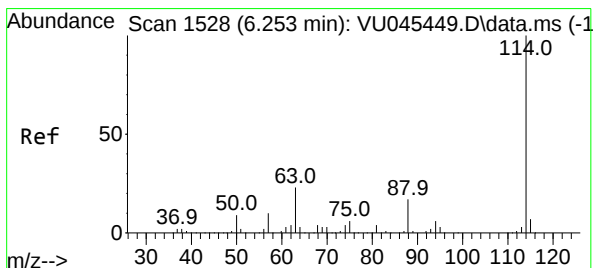
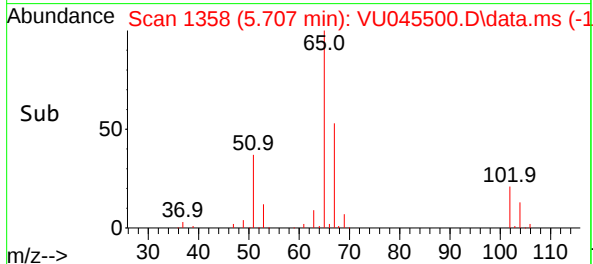
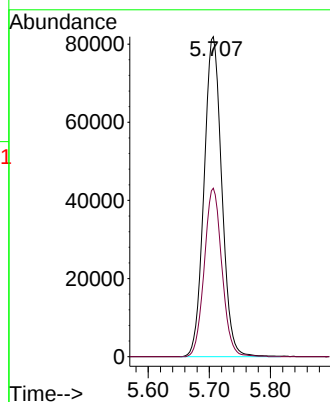
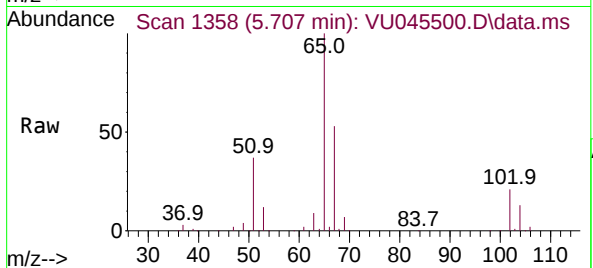
BP-VPB-RW9-DUP-20211029

Tgt Ion: 65 Resp: 165221

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045500.D

Acq: 01 Nov 2021 20:26

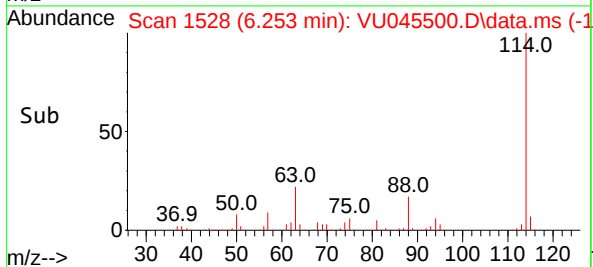
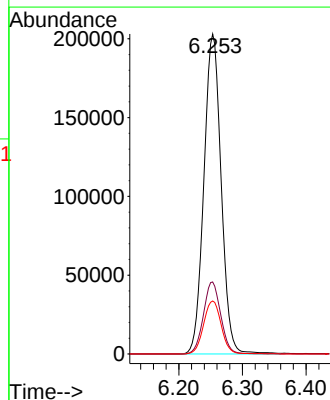
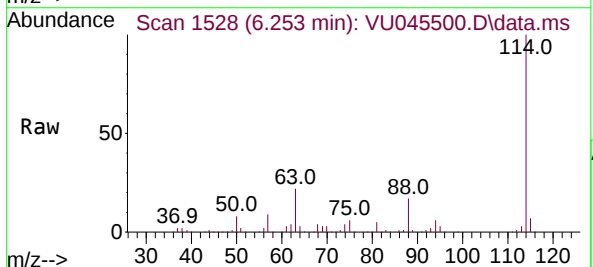
Tgt Ion: 114 Resp: 383363

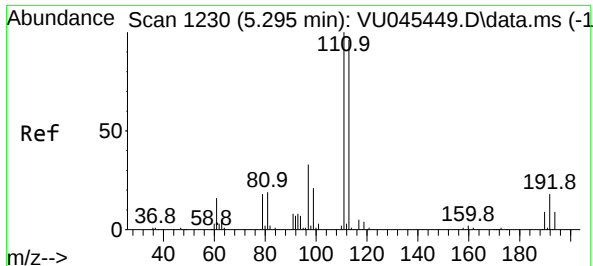
Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

88 16.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.227 ug/l

RT: 5.295 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045500.D

Acq: 01 Nov 2021 20:26

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MSVOA_U

ClientSampleId :

BP-VPB-RW9-DUP-20211029

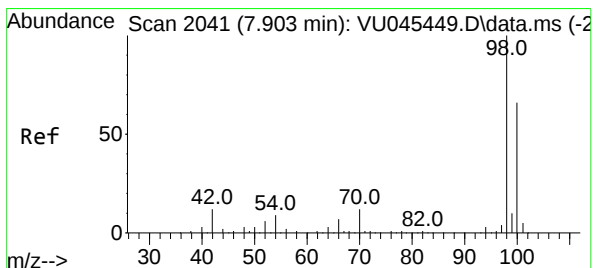
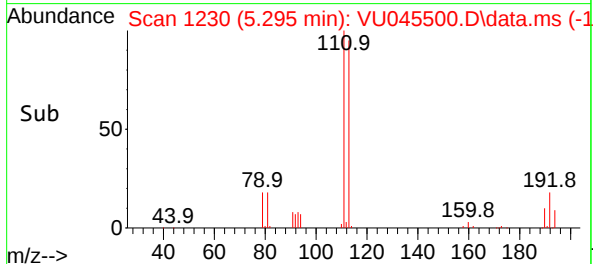
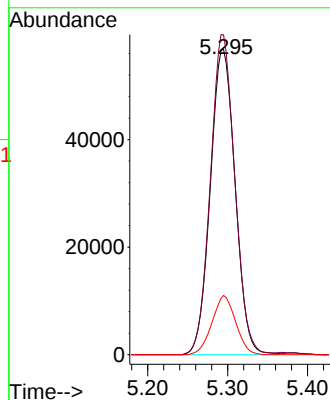
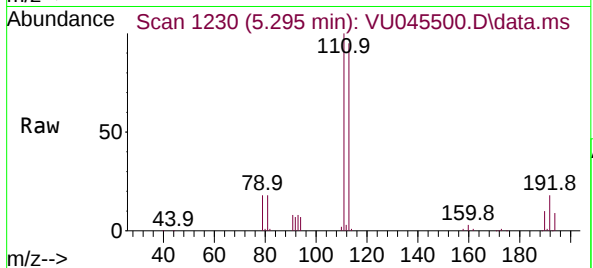
Tgt Ion:113 Resp: 122433

Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

192 18.4 14.8 22.2



#50

Toluene-d8

Concen: 51.358 ug/l

RT: 7.903 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VU045500.D

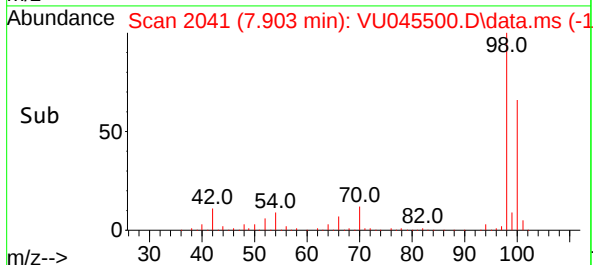
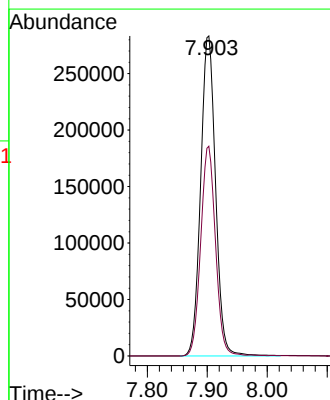
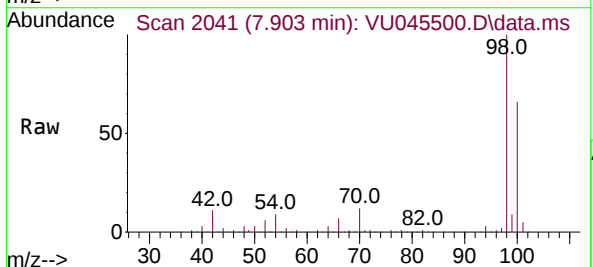
Acq: 01 Nov 2021 20:26

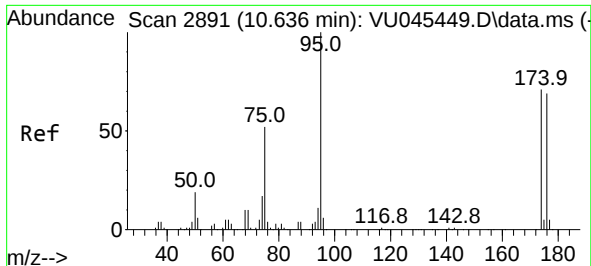
Tgt Ion: 98 Resp: 490919

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7

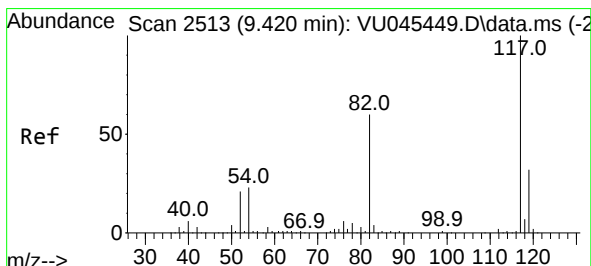
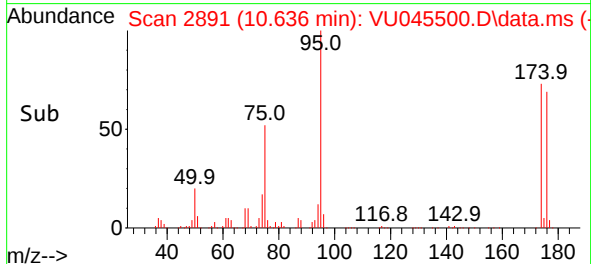
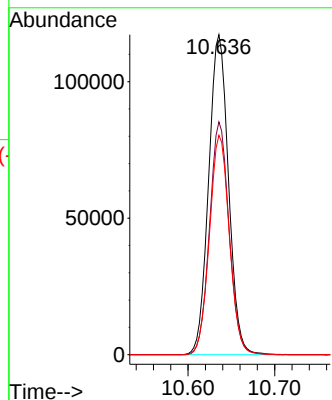
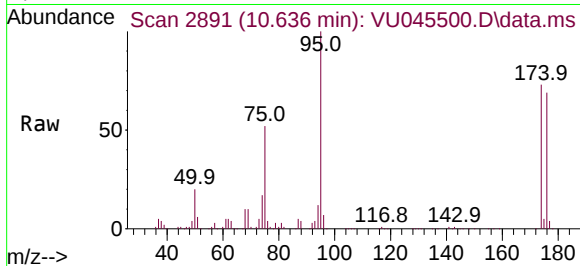




#62
4-Bromofluorobenzene
Concen: 51.198 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045500.D
Acq: 01 Nov 2021 20:26

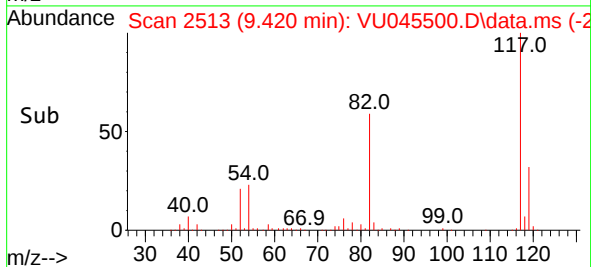
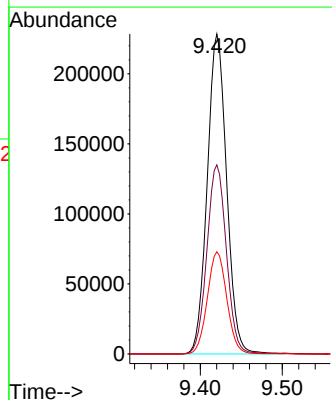
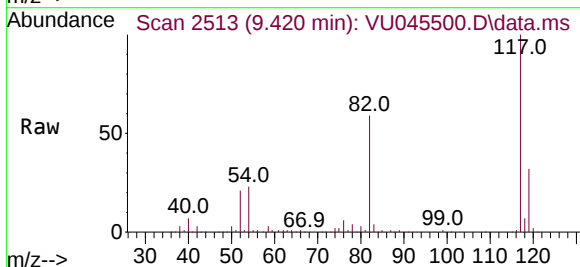
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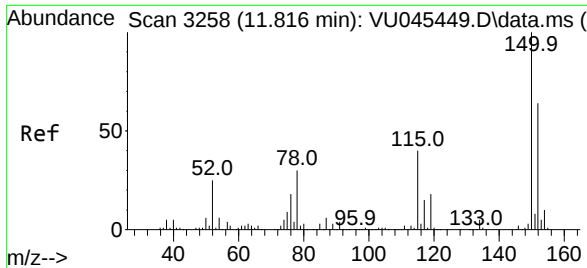
Tgt Ion: 95 Resp: 186487
Ion Ratio Lower Upper
95 100
174 71.9 0.0 141.8
176 68.7 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045500.D
Acq: 01 Nov 2021 20:26

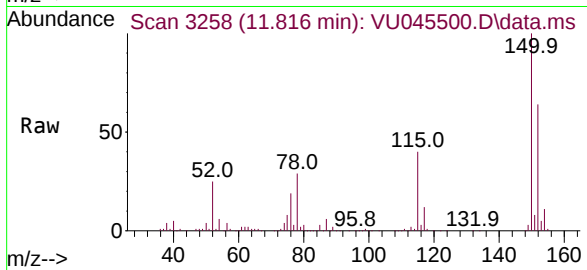
Tgt Ion: 117 Resp: 375003
Ion Ratio Lower Upper
117 100
82 59.1 47.8 71.8
119 32.0 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU045500.D
 Acq: 01 Nov 2021 20:26

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-DUP-20211029



Tgt Ion:152 Resp: 183229
 Ion Ratio Lower Upper
 152 100
 115 62.4 42.7 128.1
 150 157.0 0.0 346.8

