

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045513.D
 Acq On : 02 Nov 2021 14:49
 Operator : SY/MD
 Sample : M4431-02RE
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-GW-338-340RE

Quant Time: Nov 02 15:16:53 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)

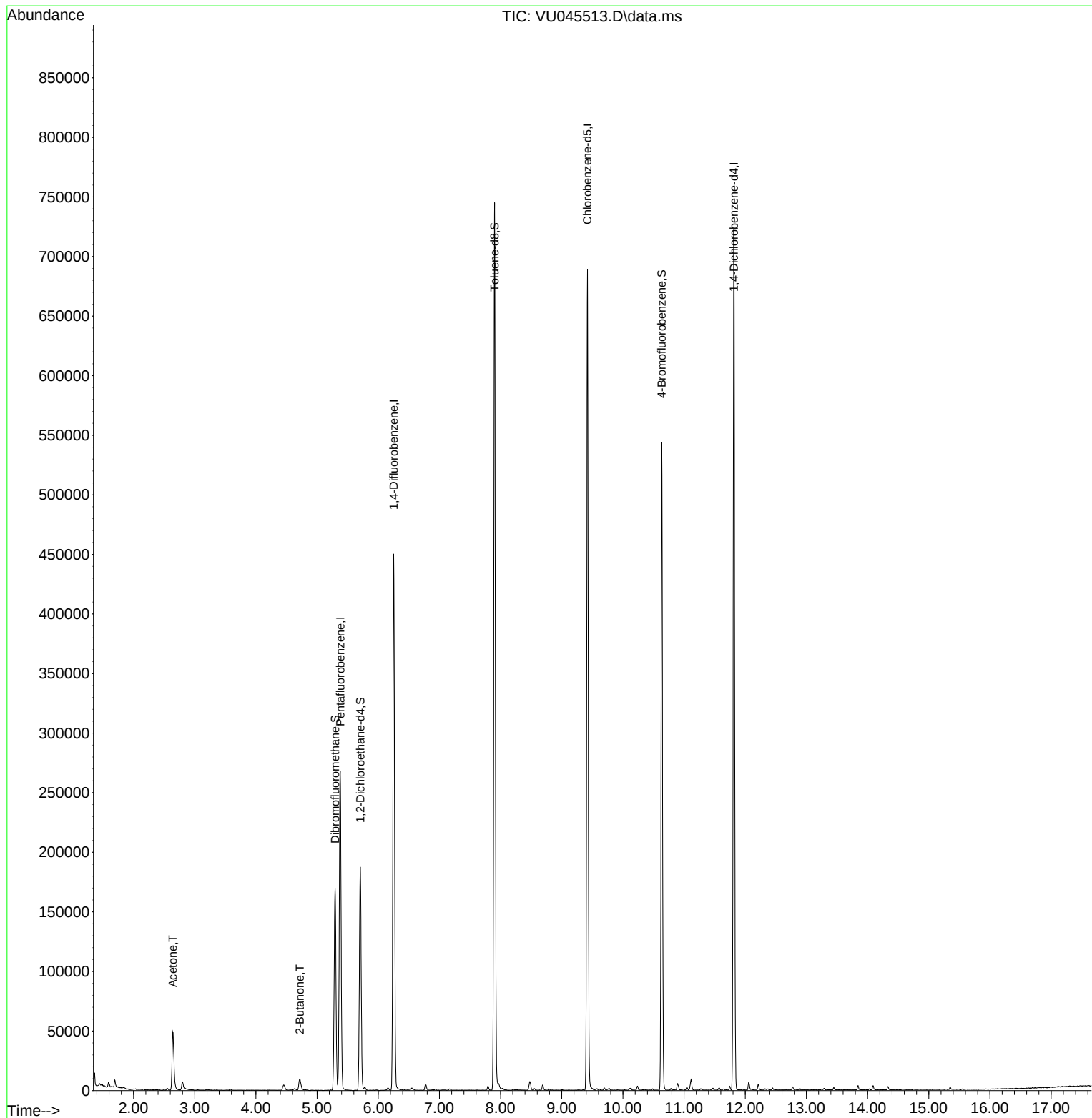
Internal Standards						
1) Pentafluorobenzene	5.378	168	182640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	362996	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	372013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	183075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	136861	46.028	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.060%		
35) Dibromofluoromethane	5.295	113	110853	48.028	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.060%		
50) Toluene-d8	7.902	98	489916	54.129	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	108.260%		
62) 4-Bromofluorobenzene	10.635	95	187864	54.470	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.940%		
Target Compounds					Qvalue	
16) Acetone	2.642	43	67664	50.125	ug/l	99
25) 2-Butanone	4.716	43	15828	7.767	ug/l	98

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

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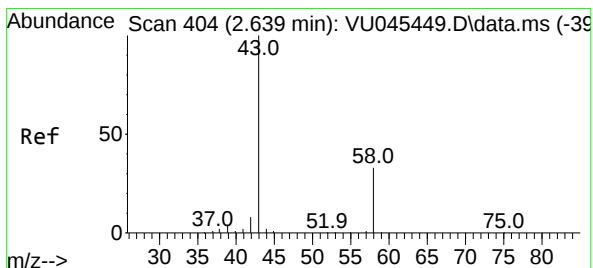
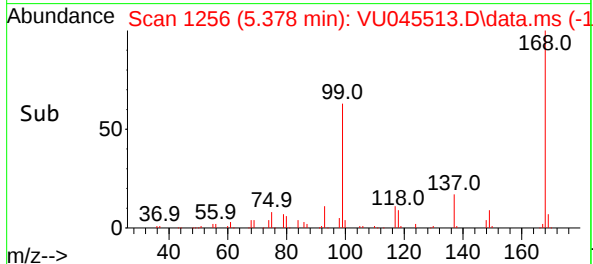
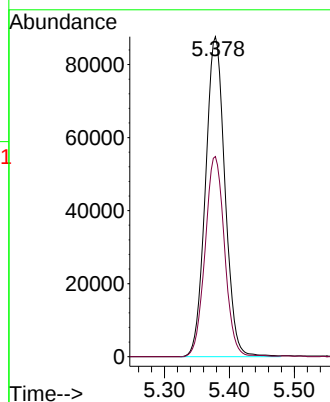
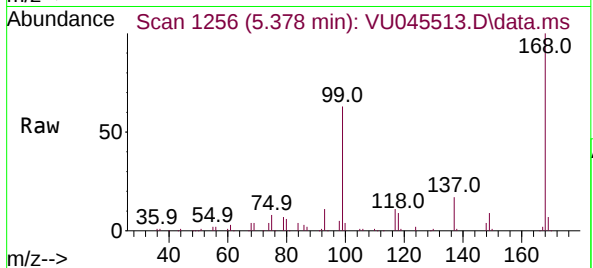




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU045513.D
Acq: 02 Nov 2021 14:49

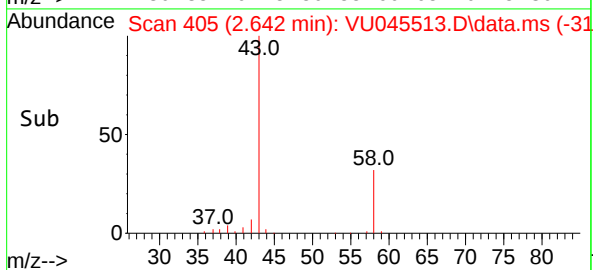
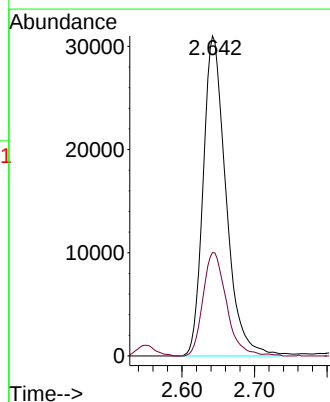
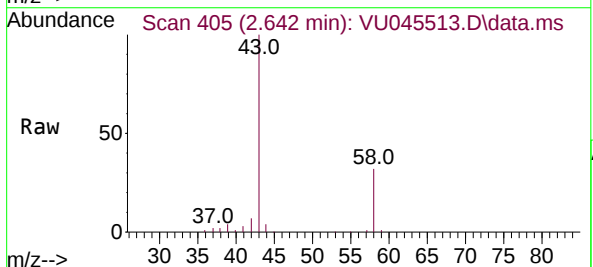
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-338-340RE

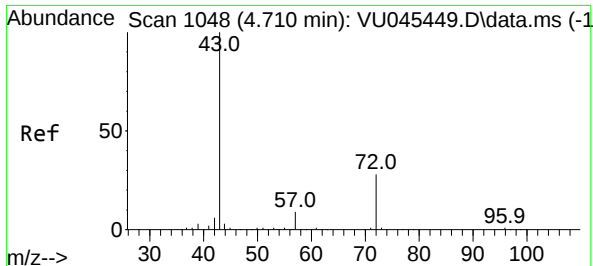
Tgt Ion:168 Resp: 182640
Ion Ratio Lower Upper
168 100
99 62.6 51.0 76.6



#16
Acetone
Concen: 50.125 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.003 min
Lab File: VU045513.D
Acq: 02 Nov 2021 14:49

Tgt Ion: 43 Resp: 67664
Ion Ratio Lower Upper
43 100
58 32.3 26.2 39.2





#25

2-Butanone

Concen: 7.767 ug/l

RT: 4.716 min Scan# 1048

Delta R.T. 0.006 min

Lab File: VU045513.D

Acq: 02 Nov 2021 14:49

Instrument :

MSVOA_U

ClientSampleId :

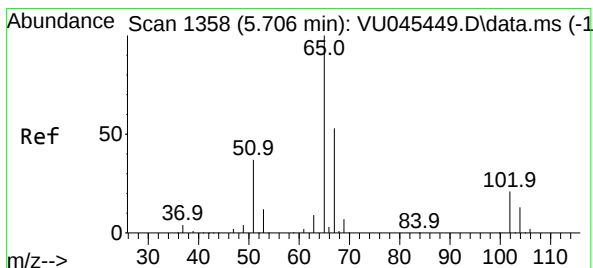
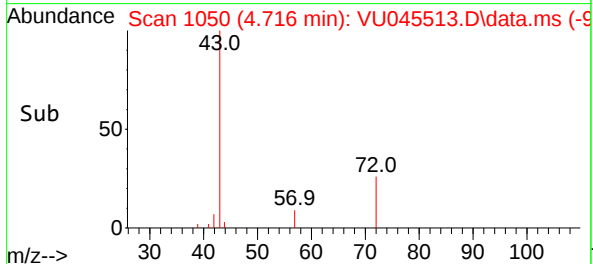
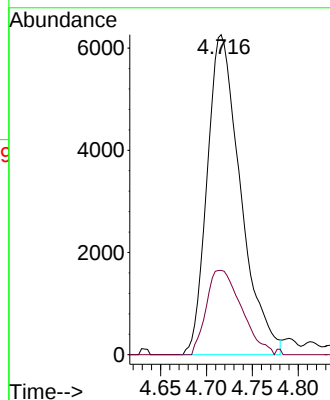
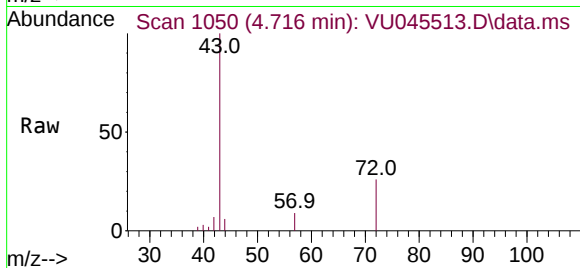
BP-VPB-RW9-GW-338-340RE

Tgt Ion: 43 Resp: 15828

Ion Ratio Lower Upper

43 100

72 26.3 22.0 33.0



#33

1,2-Dichloroethane-d4

Concen: 46.028 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. -0.000 min

Lab File: VU045513.D

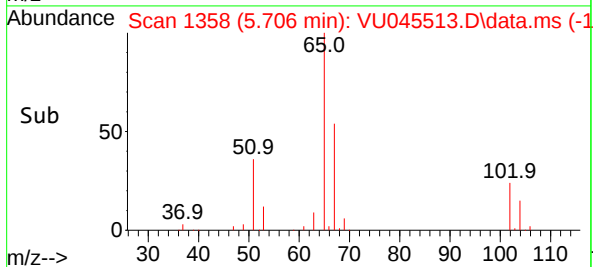
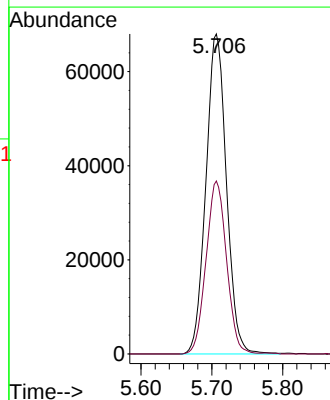
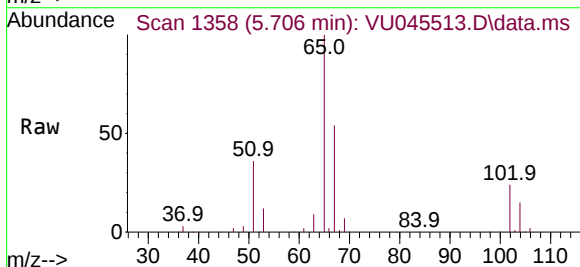
Acq: 02 Nov 2021 14:49

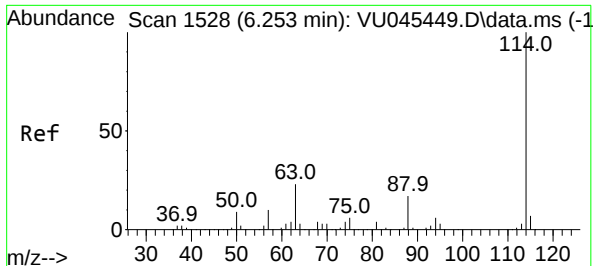
Tgt Ion: 65 Resp: 136861

Ion Ratio Lower Upper

65 100

67 53.9 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: VU045513.D

Acq: 02 Nov 2021 14:49

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-338-340RE

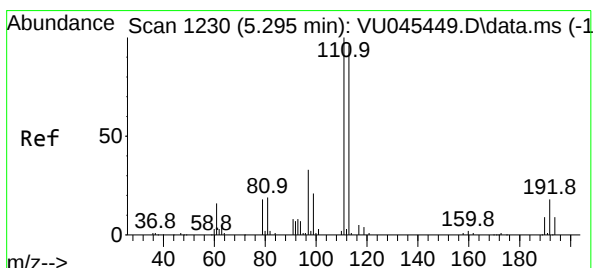
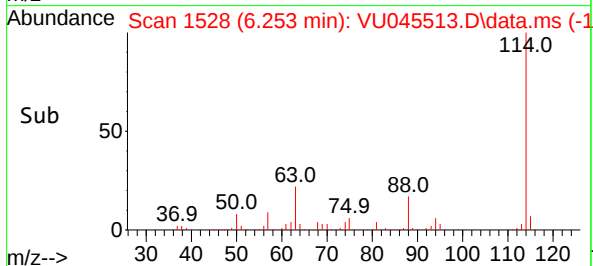
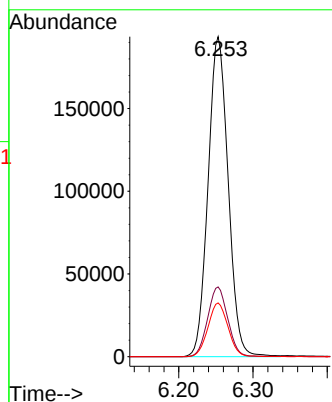
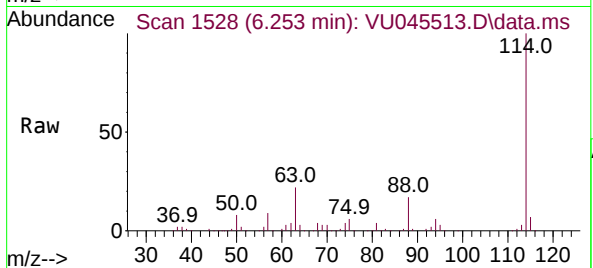
Tgt Ion:114 Resp: 362996

Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.6

88 16.8 0.0 33.8



#35

Dibromofluoromethane

Concen: 48.028 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VU045513.D

Acq: 02 Nov 2021 14:49

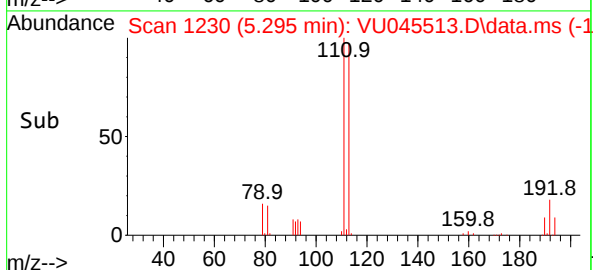
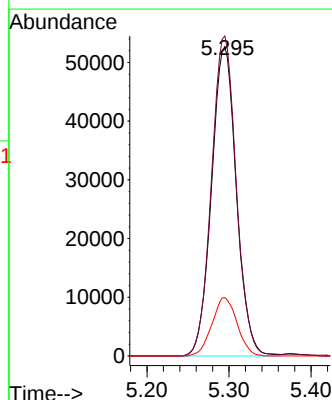
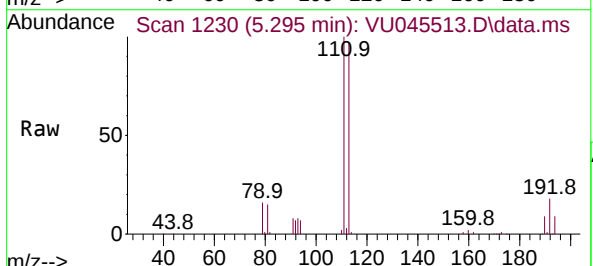
Tgt Ion:113 Resp: 110853

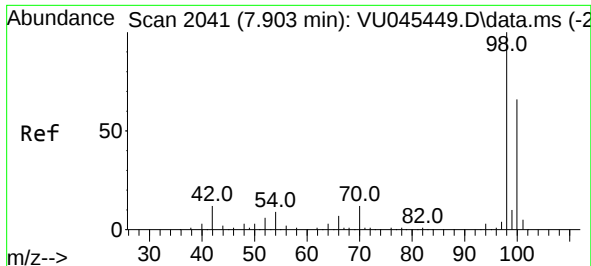
Ion Ratio Lower Upper

113 100

111 103.5 82.8 124.2

192 19.1 14.8 22.2

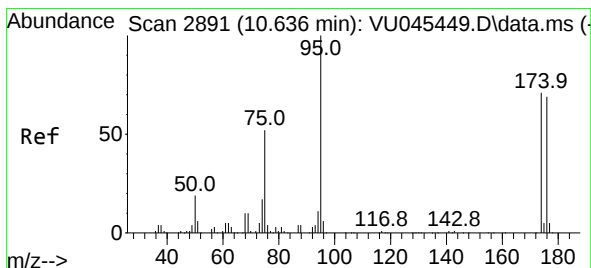
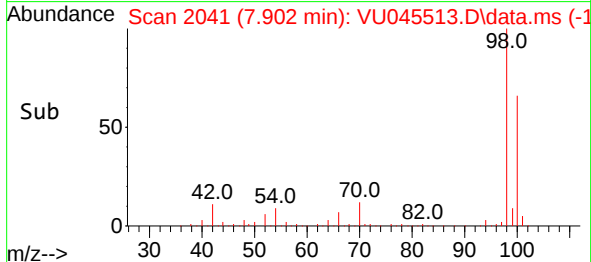
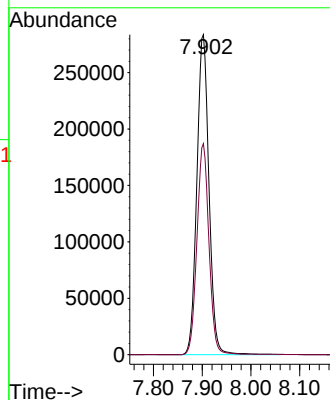
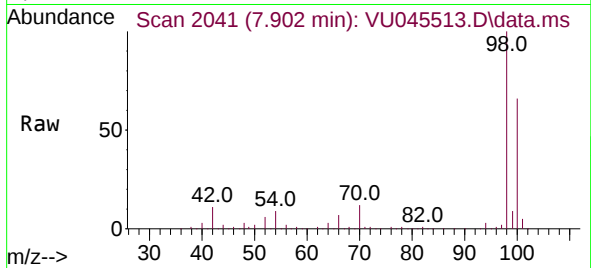




#50
Toluene-d8
Concen: 54.129 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VU045513.D
Acq: 02 Nov 2021 14:49

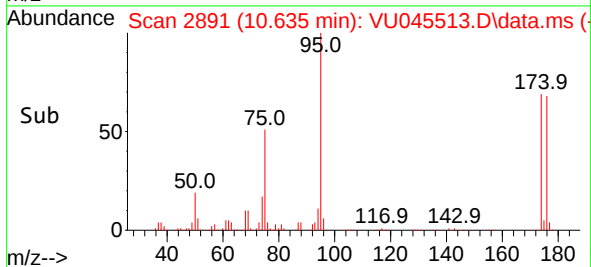
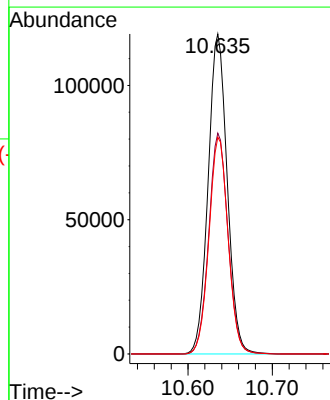
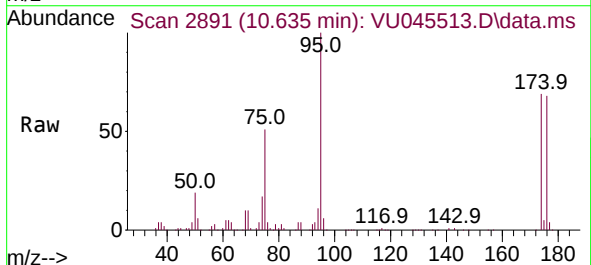
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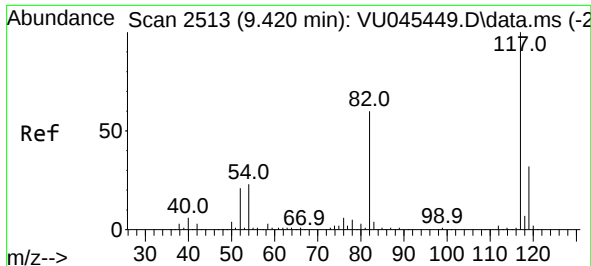
Tgt Ion: 98 Resp: 489916
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 54.470 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU045513.D
Acq: 02 Nov 2021 14:49

Tgt Ion: 95 Resp: 187864
Ion Ratio Lower Upper
95 100
174 69.5 0.0 141.8
176 67.7 0.0 138.2

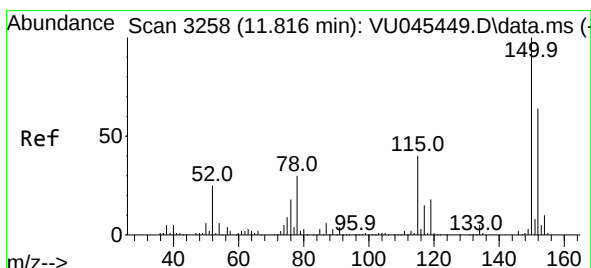
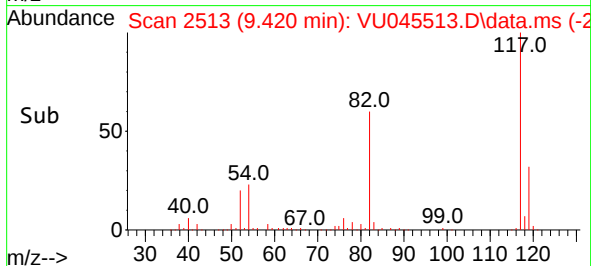
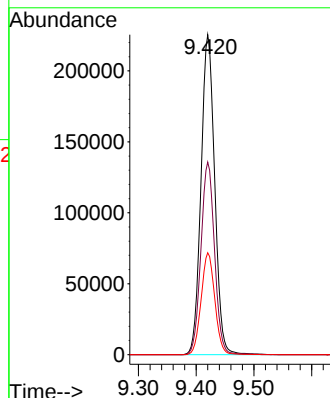
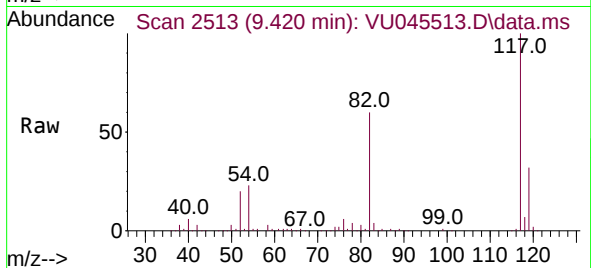




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU045513.D
Acq: 02 Nov 2021 14:49

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Tgt Ion:117 Resp: 372013
Ion Ratio Lower Upper
117 100
82 60.2 47.8 71.8
119 31.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. -0.000 min
Lab File: VU045513.D
Acq: 02 Nov 2021 14:49

Tgt Ion:152 Resp: 183075
Ion Ratio Lower Upper
152 100
115 62.0 42.7 128.1
150 155.2 0.0 346.8

