

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110421\
 Data File : VU045542.D
 Acq On : 03 Nov 2021 23:59
 Operator : SY/MD
 Sample : M4470-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SP-2

Quant Time: Nov 05 13:57:50 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)

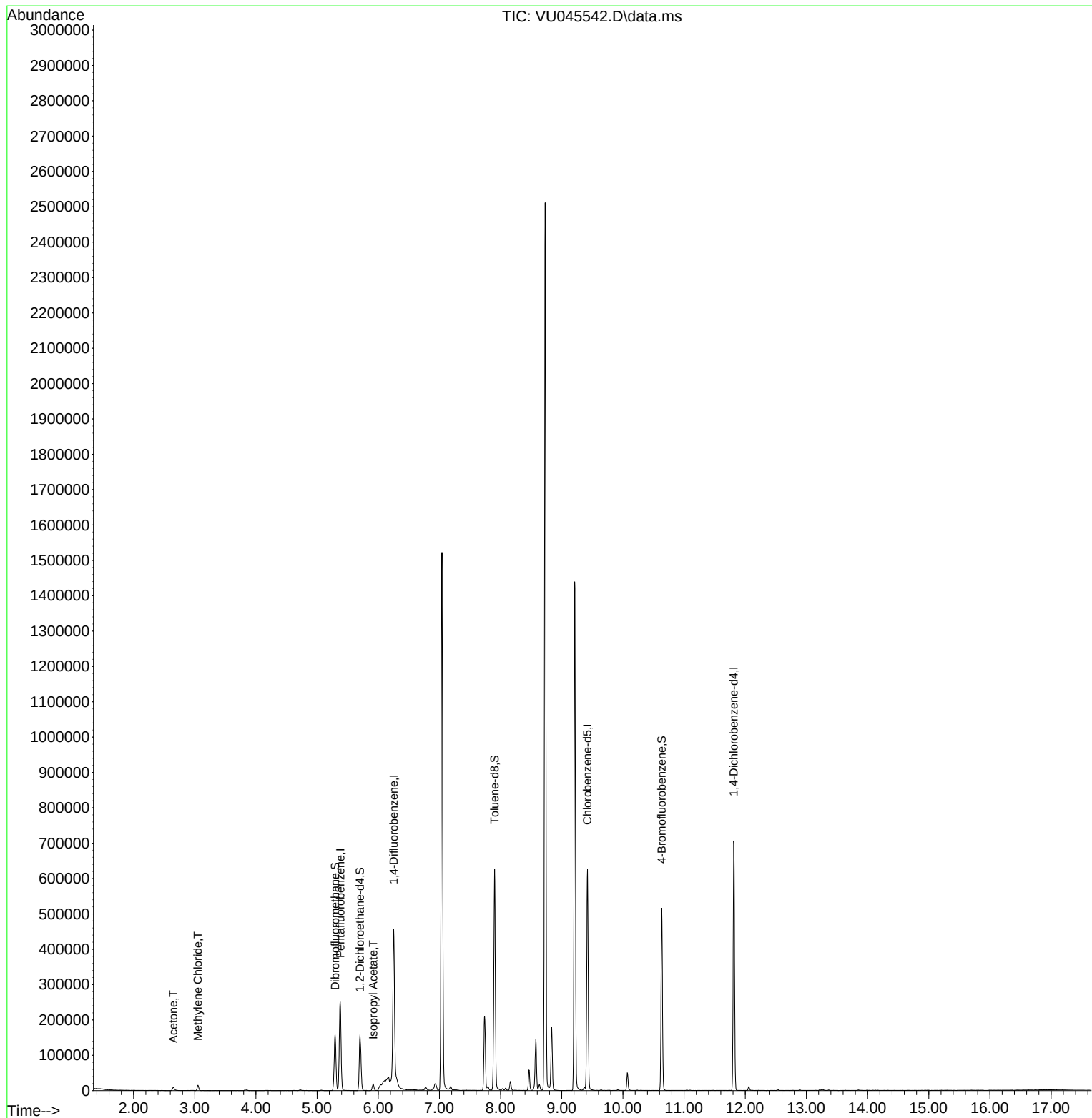
Internal Standards						
1) Pentafluorobenzene	5.378	168	174699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	345160	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	352936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	177087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	112588	39.586	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	79.180%
35) Dibromofluoromethane	5.295	113	102217	46.575	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.140%
50) Toluene-d8	7.902	98	418178	48.590	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.180%
62) 4-Bromofluorobenzene	10.635	95	181613	55.378	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.760%
Target Compounds						
					Qvalue	
16) Acetone	2.649	43	14529	11.252	ug/l #	83
20) Methylene Chloride	3.051	84	8094	3.146	ug/l	91
43) Isopropyl Acetate	5.919	43	19526	3.256	ug/l	96

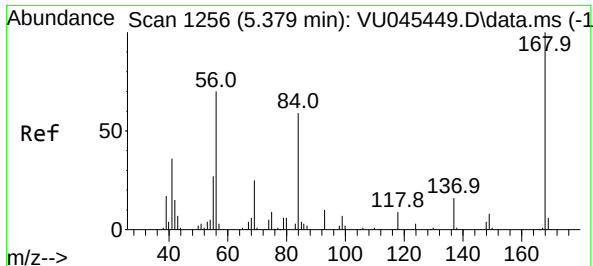
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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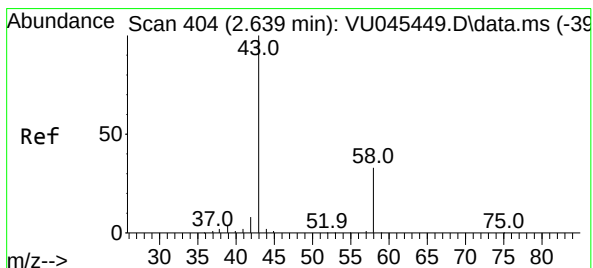
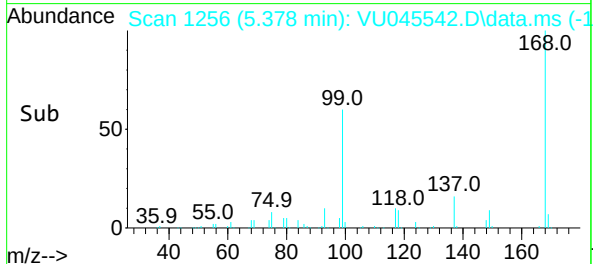
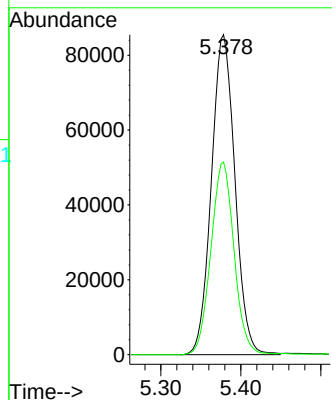
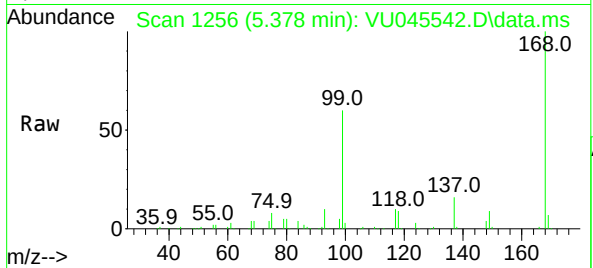




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU045542.D
Acq: 03 Nov 2021 23:59

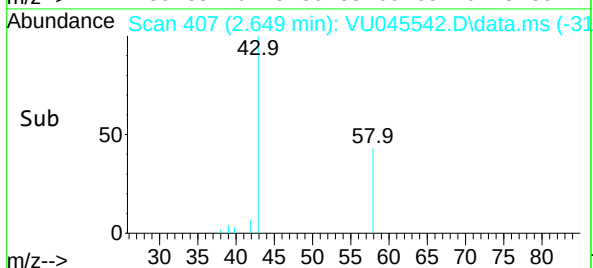
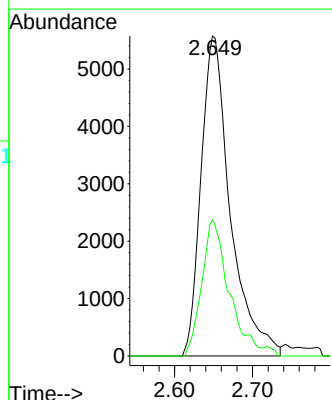
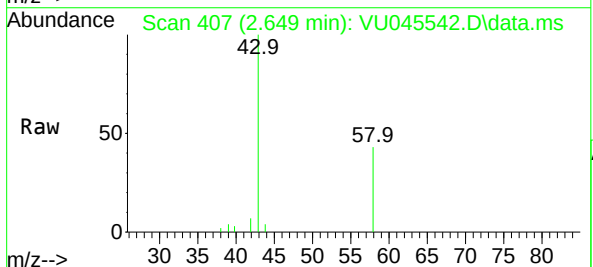
Instrument :
MSVOA_U
ClientSampleId :
SP-2

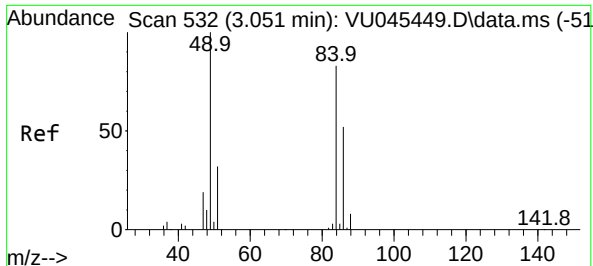
Tgt Ion:168 Resp: 174699
Ion Ratio Lower Upper
168 100
99 60.2 51.0 76.6



#16
Acetone
Concen: 11.252 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.010 min
Lab File: VU045542.D
Acq: 03 Nov 2021 23:59

Tgt Ion: 43 Resp: 14529
Ion Ratio Lower Upper
43 100
58 42.5 26.2 39.2#

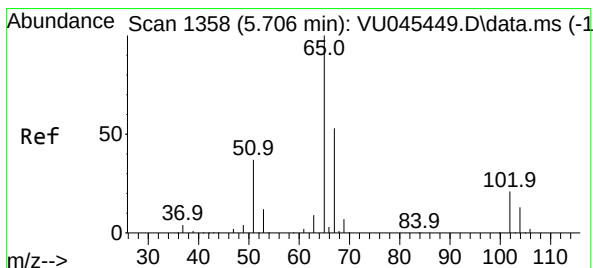
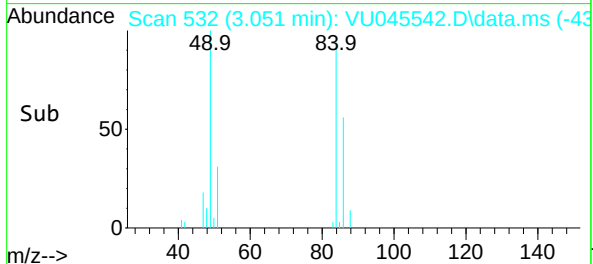
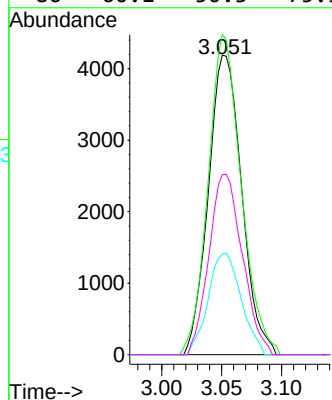
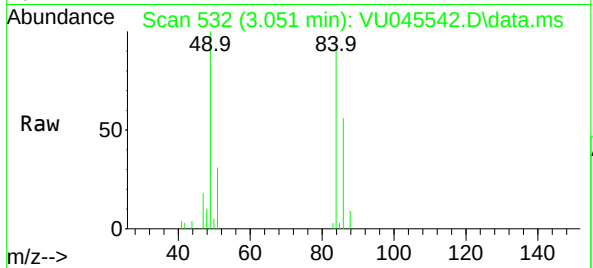




#20
Methylene Chloride
Concen: 3.146 ug/l
RT: 3.051 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU045542.D
Acq: 03 Nov 2021 23:59

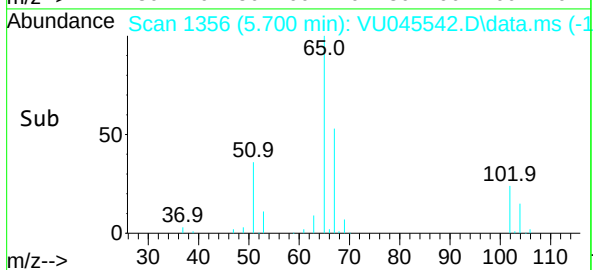
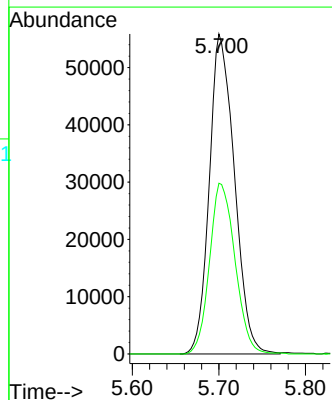
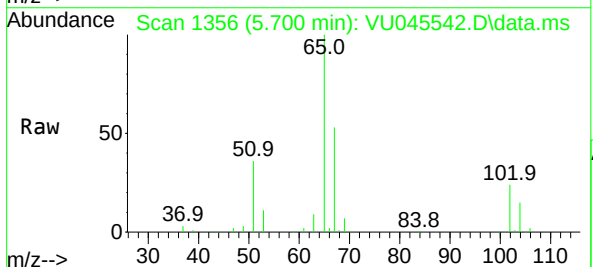
Instrument :
MSVOA_U
ClientSampleId :
SP-2

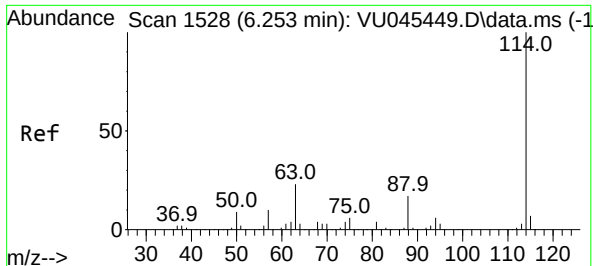
Tgt Ion:	84	Resp:	8094
Ion	Ratio	Lower	Upper
84	100		
49	106.9	96.4	144.6
51	33.6	30.5	45.7
86	60.1	50.3	75.5



#33
1,2-Dichloroethane-d4
Concen: 39.586 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. -0.007 min
Lab File: VU045542.D
Acq: 03 Nov 2021 23:59

Tgt Ion:	65	Resp:	112588
Ion	Ratio	Lower	Upper
65	100		
67	54.1	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: VU045542.D

Acq: 03 Nov 2021 23:59

Instrument :

MSVOA_U

ClientSampleId :

SP-2

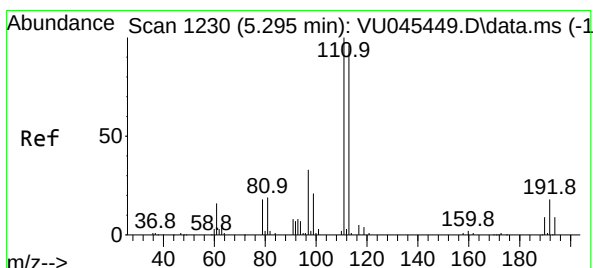
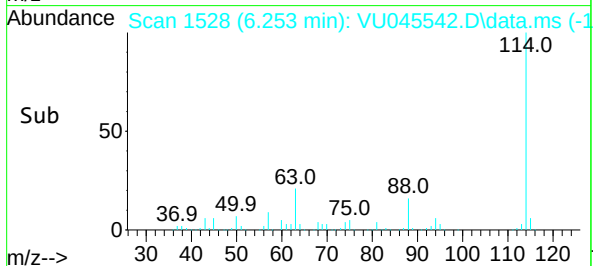
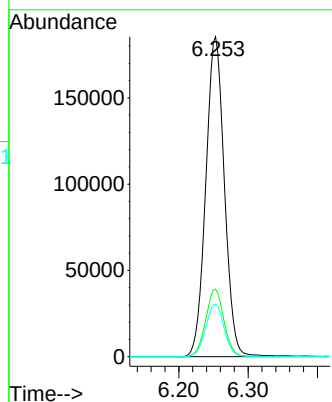
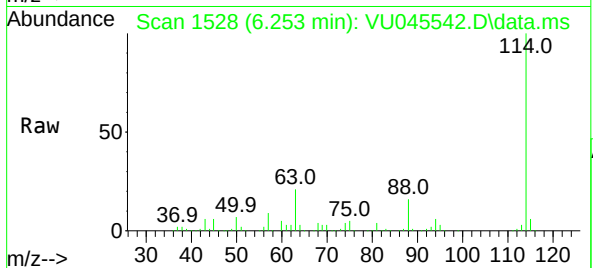
Tgt Ion:114 Resp: 345160

Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.6

88 16.5 0.0 33.8



#35

Dibromofluoromethane

Concen: 46.575 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VU045542.D

Acq: 03 Nov 2021 23:59

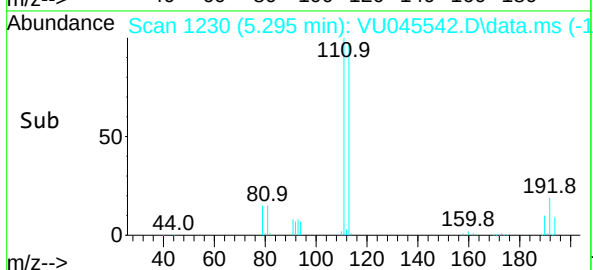
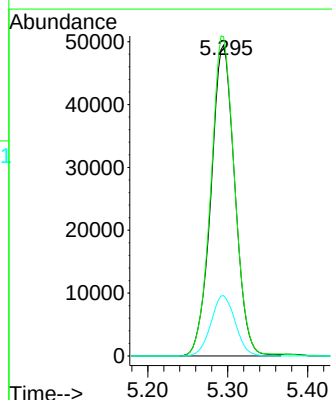
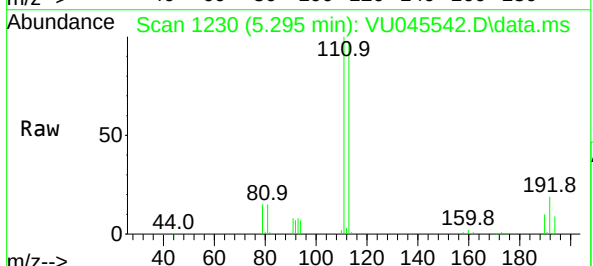
Tgt Ion:113 Resp: 102217

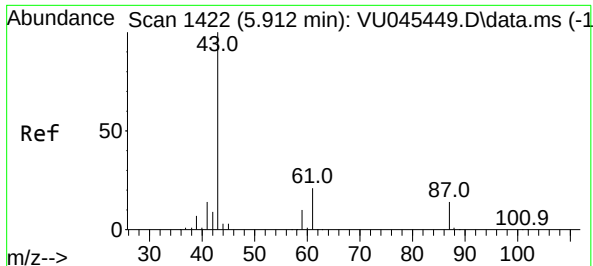
Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 19.8 14.8 22.2





#43

Isopropyl Acetate

Concen: 3.256 ug/l

RT: 5.919 min Scan# 1422

Delta R.T. 0.006 min

Lab File: VU045542.D

Acq: 03 Nov 2021 23:59

Instrument :

MSVOA_U

ClientSampleId :

SP-2

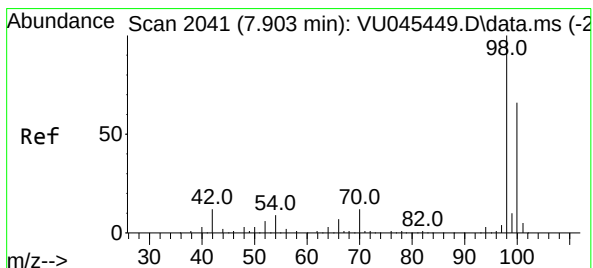
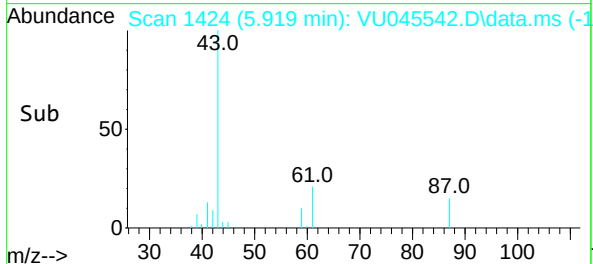
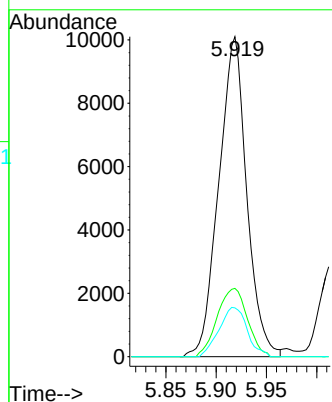
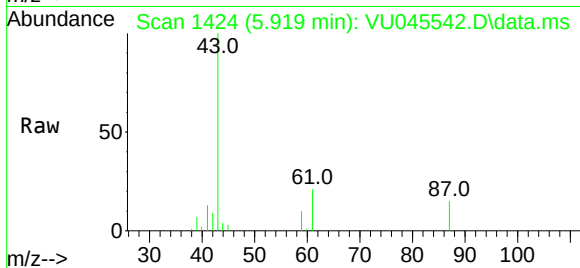
Tgt Ion: 43 Resp: 19526

Ion Ratio Lower Upper

43 100

61 23.0 16.9 25.3

87 15.5 11.0 16.4



#50

Toluene-d8

Concen: 48.590 ug/l

RT: 7.902 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VU045542.D

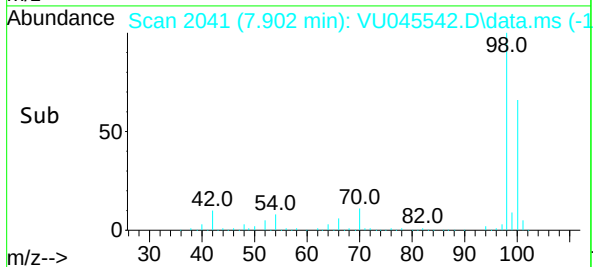
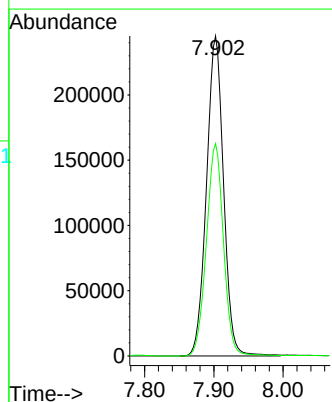
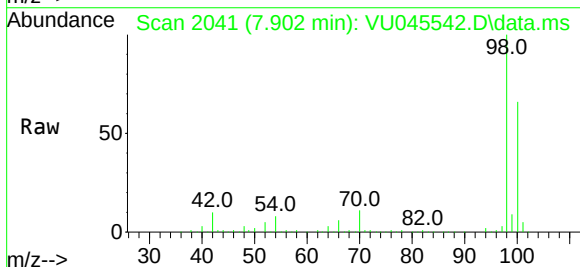
Acq: 03 Nov 2021 23:59

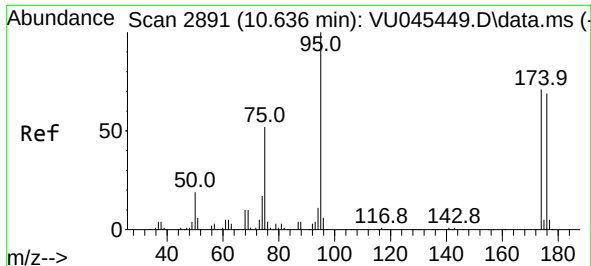
Tgt Ion: 98 Resp: 418178

Ion Ratio Lower Upper

98 100

100 66.6 52.5 78.7

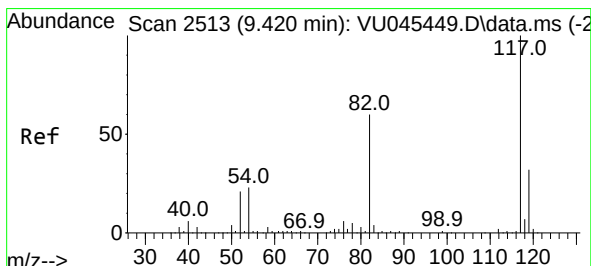
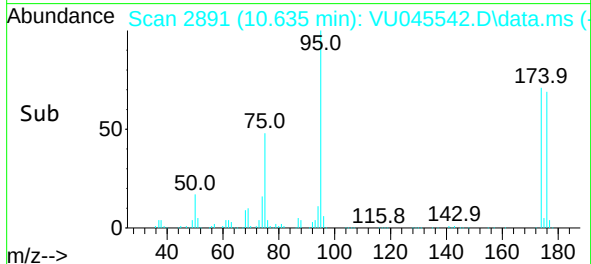
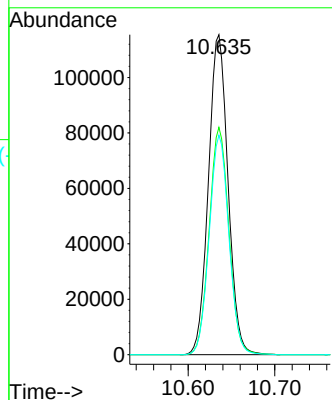
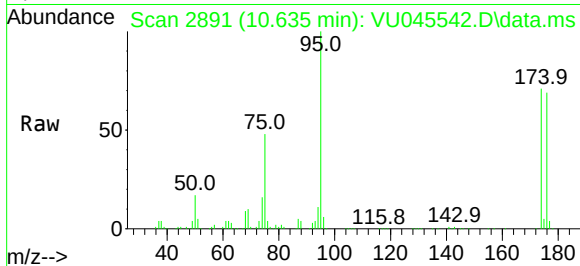




#62
4-Bromofluorobenzene
Concen: 55.378 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU045542.D
Acq: 03 Nov 2021 23:59

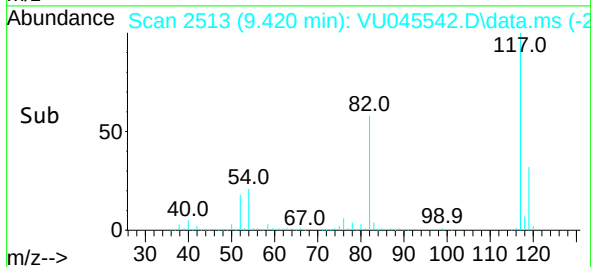
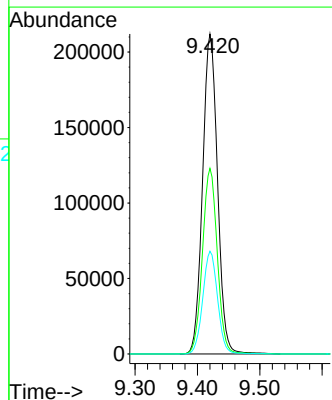
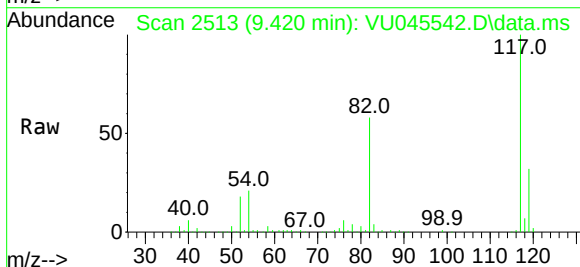
Instrument :
MSVOA_U
ClientSampleId :
SP-2

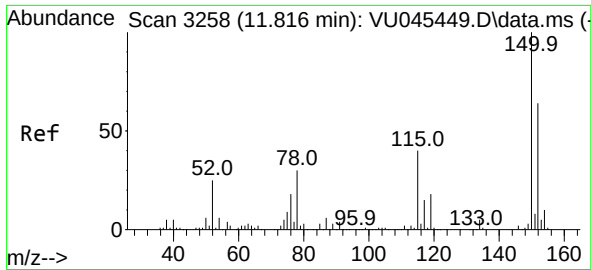
Tgt Ion: 95 Resp: 181613
Ion Ratio Lower Upper
95 100
174 71.7 0.0 141.8
176 68.7 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045542.D
Acq: 03 Nov 2021 23:59

Tgt Ion: 117 Resp: 352936
Ion Ratio Lower Upper
117 100
82 58.0 47.8 71.8
119 32.1 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU045542.D

Acq: 03 Nov 2021 23:59

Instrument :

MSVOA_U

ClientSampleId :

SP-2

Tgt Ion:152 Resp: 177087

Ion Ratio Lower Upper

152 100

115 62.7 42.7 128.1

150 157.0 0.0 346.8

