

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110421\
 Data File : VU045541.D
 Acq On : 03 Nov 2021 23:36
 Operator : SY/MD
 Sample : M4470-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SP-3

Quant Time: Nov 05 13:57:40 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)

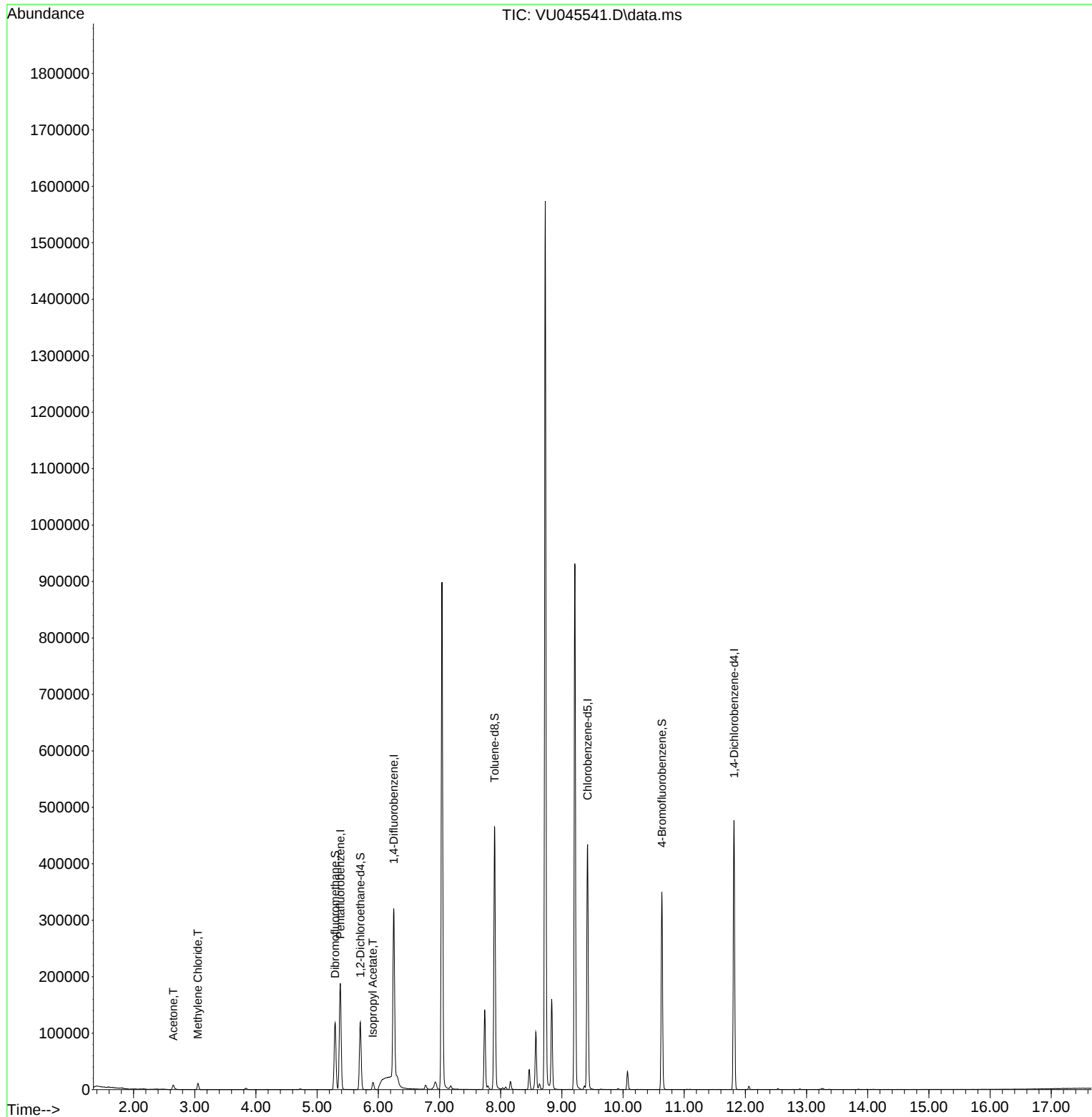
Internal Standards						
1) Pentafluorobenzene	5.378	168	145137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	264567	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	264694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	135000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	86784	36.728	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	73.460%#
35) Dibromofluoromethane	5.295	113	78473	46.648	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.300%
50) Toluene-d8	7.899	98	320701	48.615	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.240%
62) 4-Bromofluorobenzene	10.636	95	121131	48.187	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.380%
Target Compounds						
					Qvalue	
16) Acetone	2.649	43	12526	11.677	ug/l	90
20) Methylene Chloride	3.051	84	5955	2.786	ug/l #	84
43) Isopropyl Acetate	5.912	43	13110	2.852	ug/l #	89

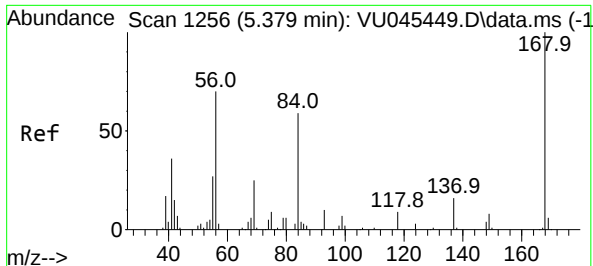
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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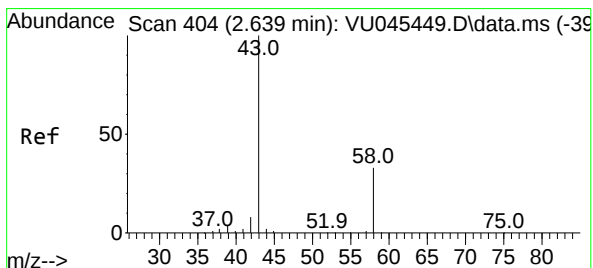
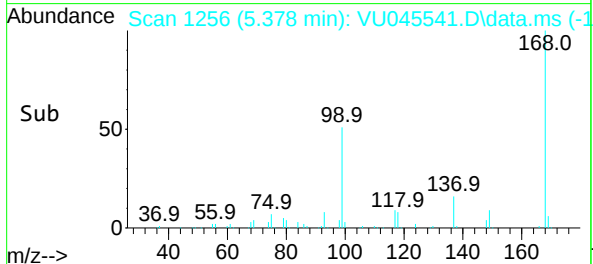
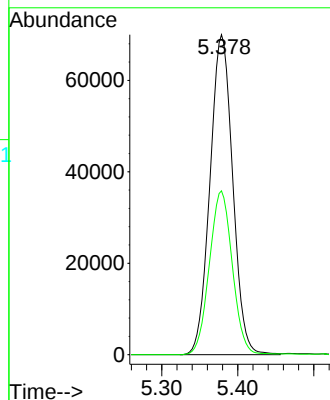
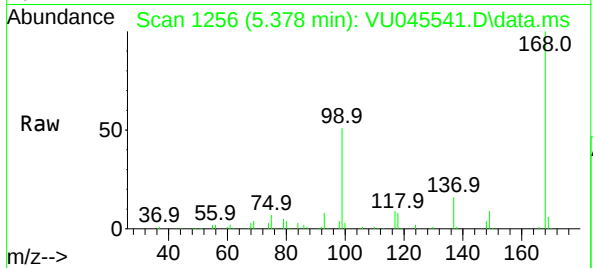




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045541.D
Acq: 03 Nov 2021 23:36

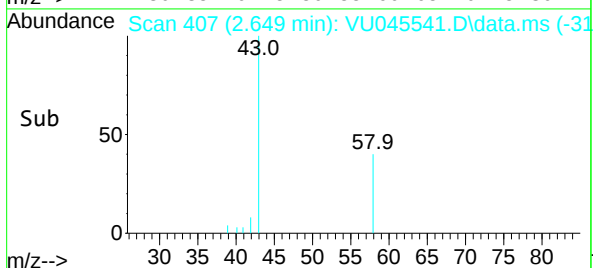
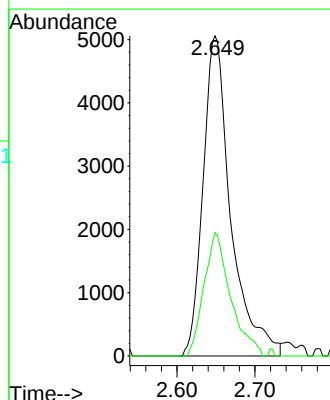
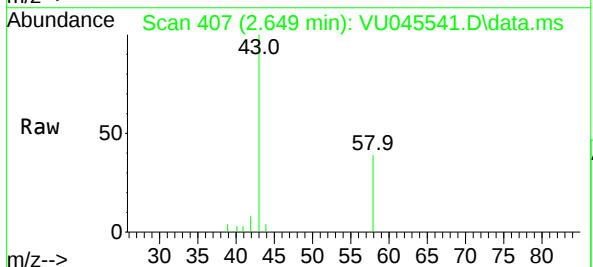
Instrument :
MSVOA_U
ClientSampleId :
SP-3

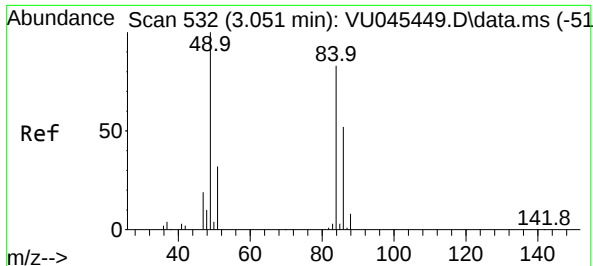
Tgt Ion:168 Resp: 145137
Ion Ratio Lower Upper
168 100
99 51.2 51.0 76.6



#16
Acetone
Concen: 11.677 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.010 min
Lab File: VU045541.D
Acq: 03 Nov 2021 23:36

Tgt Ion: 43 Resp: 12526
Ion Ratio Lower Upper
43 100
58 38.6 26.2 39.2

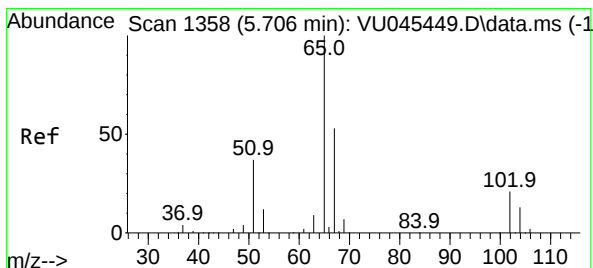
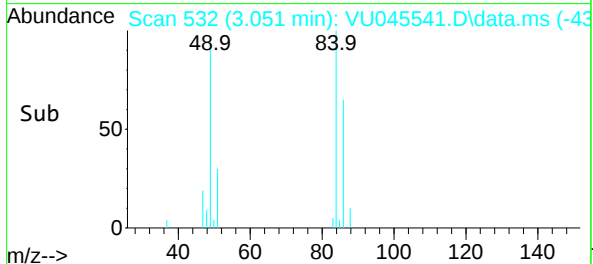
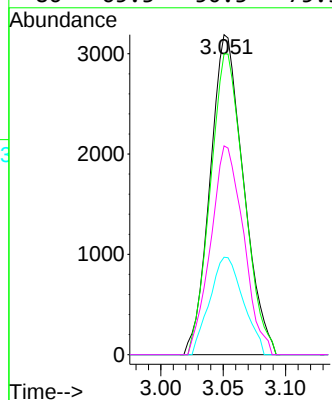
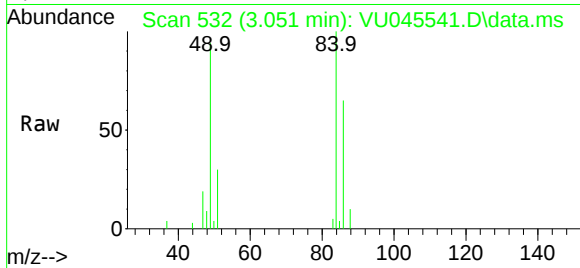




#20
Methylene Chloride
Concen: 2.786 ug/l
RT: 3.051 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU045541.D
Acq: 03 Nov 2021 23:36

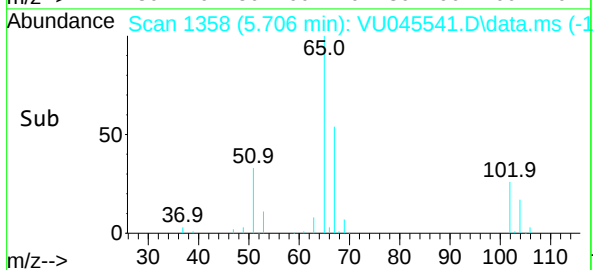
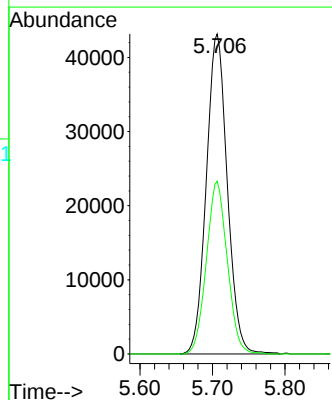
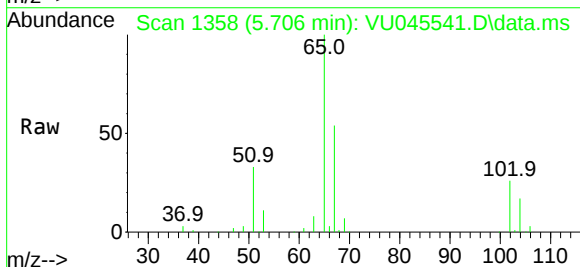
Instrument :
MSVOA_U
ClientSampleId :
SP-3

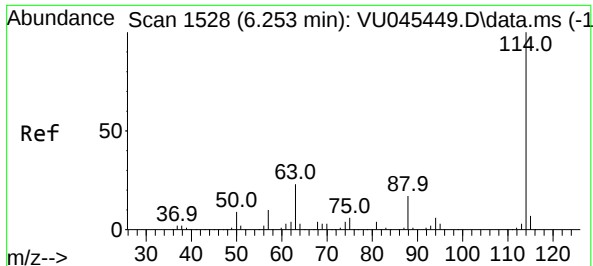
Tgt Ion:	84	Resp:	5955
Ion	Ratio	Lower	Upper
84	100		
49	94.0	96.4	144.6#
51	30.4	30.5	45.7#
86	65.3	50.3	75.5



#33
1,2-Dichloroethane-d4
Concen: 36.728 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VU045541.D
Acq: 03 Nov 2021 23:36

Tgt Ion:	65	Resp:	86784
Ion	Ratio	Lower	Upper
65	100		
67	53.6	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: VU045541.D

Acq: 03 Nov 2021 23:36

Instrument :

MSVOA_U

ClientSampleId :

SP-3

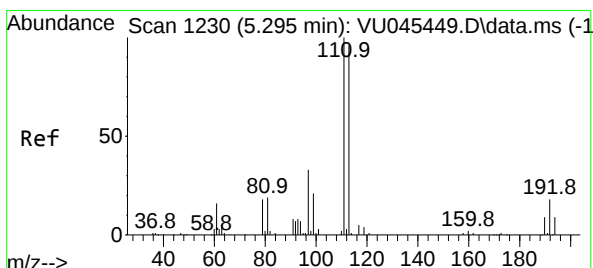
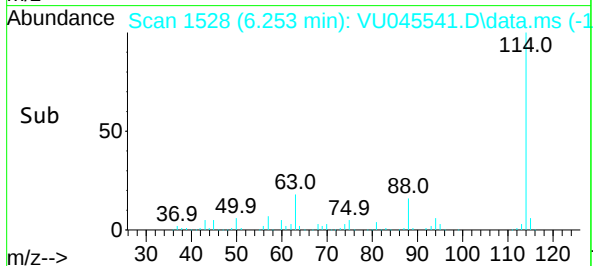
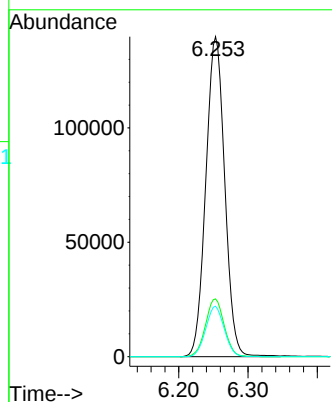
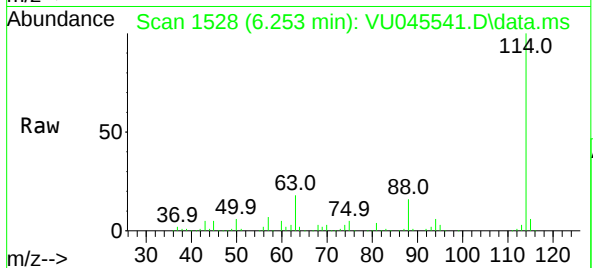
Tgt Ion:114 Resp: 264567

Ion Ratio Lower Upper

114 100

63 18.0 0.0 45.6

88 15.7 0.0 33.8



#35

Dibromofluoromethane

Concen: 46.648 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VU045541.D

Acq: 03 Nov 2021 23:36

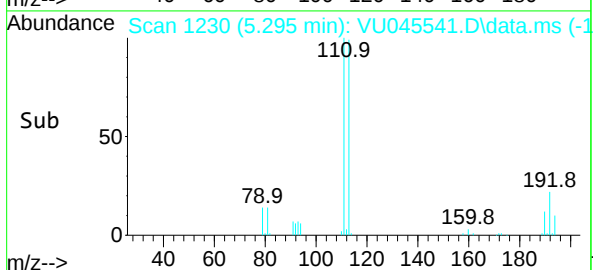
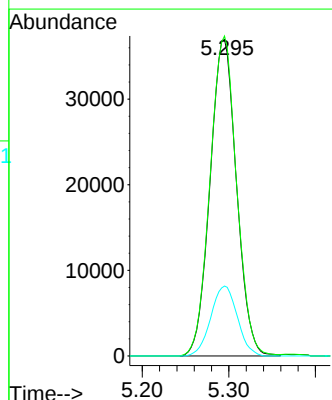
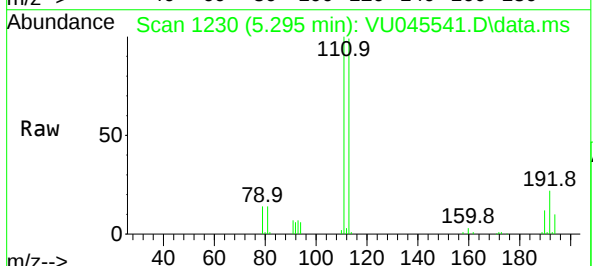
Tgt Ion:113 Resp: 78473

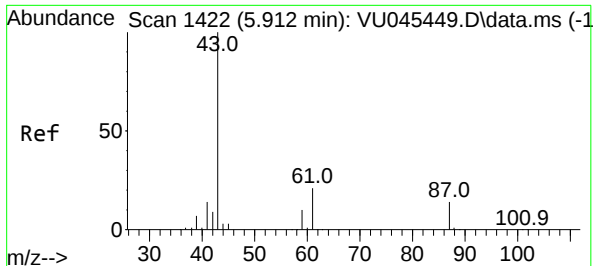
Ion Ratio Lower Upper

113 100

111 101.4 82.8 124.2

192 22.2 14.8 22.2





#43

Isopropyl Acetate

Concen: 2.852 ug/l

RT: 5.912 min Scan# 14

Delta R.T. -0.000 min

Lab File: VU045541.D

Acq: 03 Nov 2021 23:36

Instrument :

MSVOA_U

ClientSampleId :

SP-3

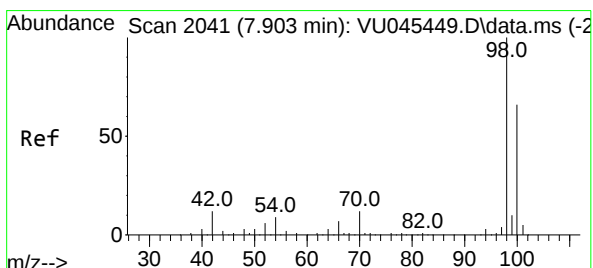
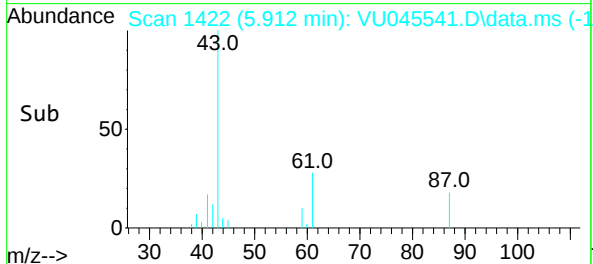
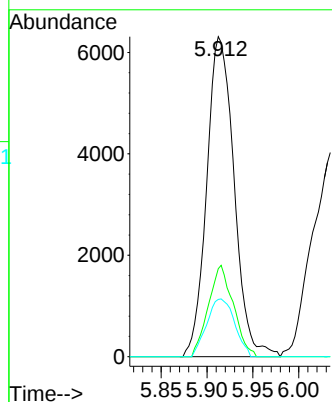
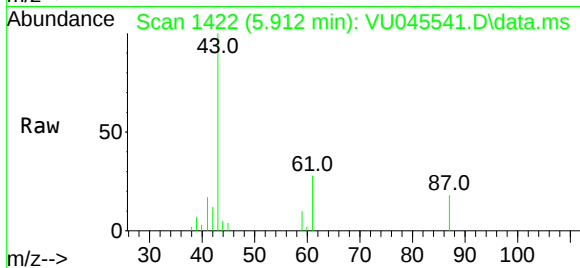
Tgt Ion: 43 Resp: 13110

Ion Ratio Lower Upper

43 100

61 26.1 16.9 25.3#

87 18.3 11.0 16.4#



#50

Toluene-d8

Concen: 48.615 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.003 min

Lab File: VU045541.D

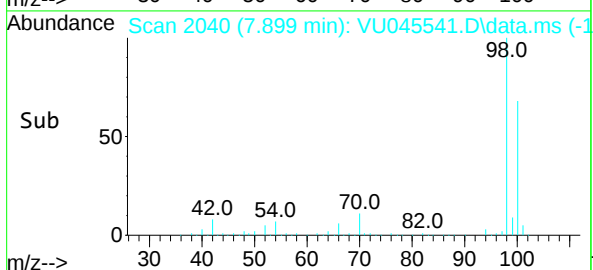
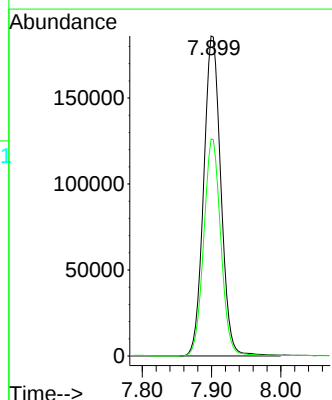
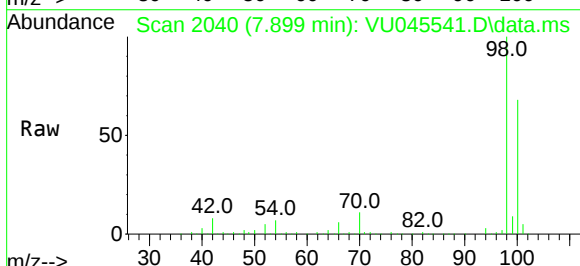
Acq: 03 Nov 2021 23:36

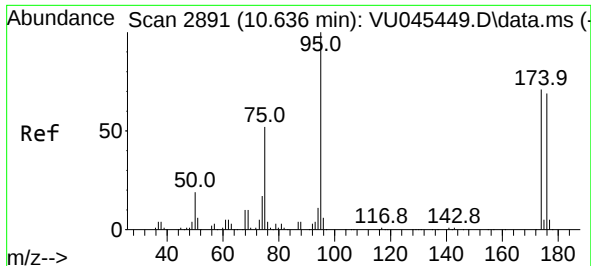
Tgt Ion: 98 Resp: 320701

Ion Ratio Lower Upper

98 100

100 67.2 52.5 78.7

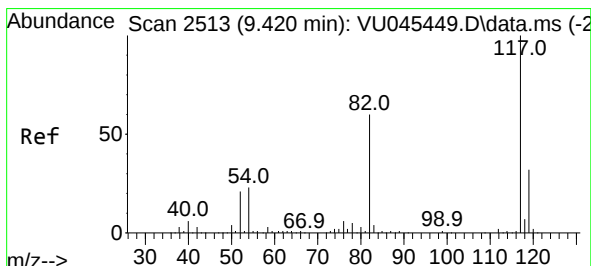
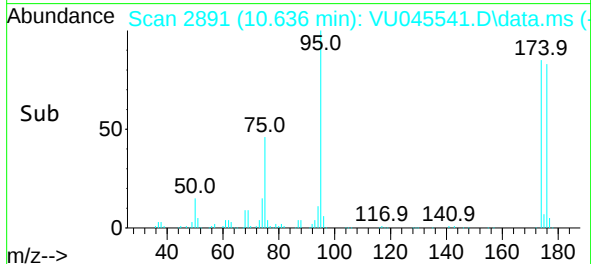
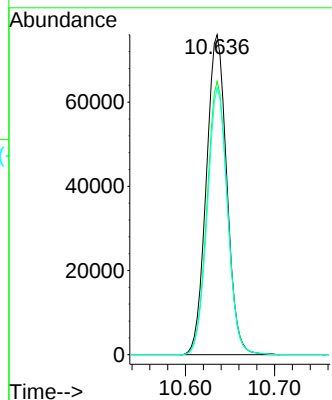
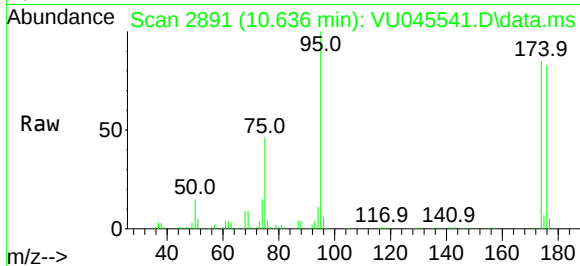




#62
4-Bromofluorobenzene
Concen: 48.187 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU045541.D
Acq: 03 Nov 2021 23:36

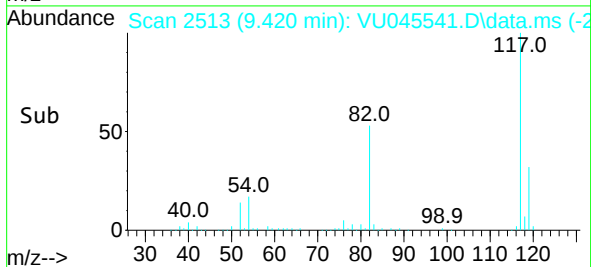
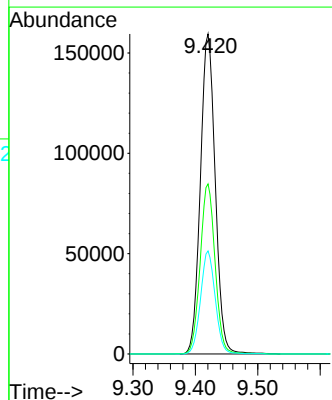
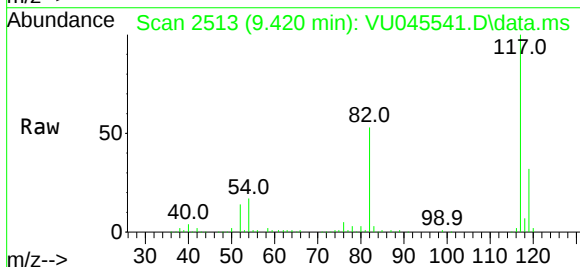
Instrument :
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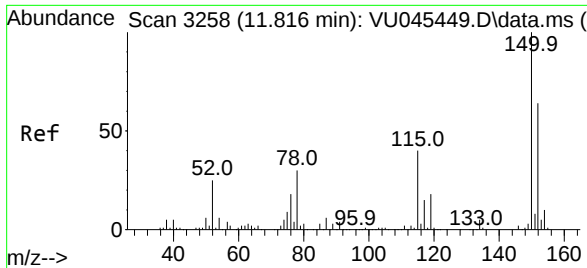
Tgt Ion: 95 Resp: 121131
Ion Ratio Lower Upper
95 100
174 85.2 0.0 141.8
176 82.4 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045541.D
Acq: 03 Nov 2021 23:36

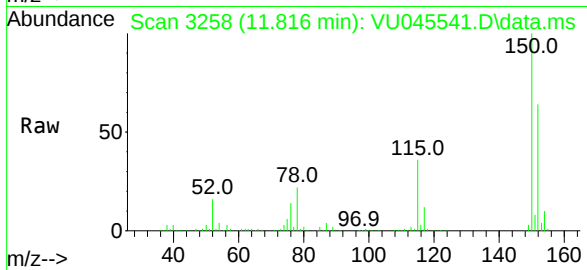
Tgt Ion: 117 Resp: 264694
Ion Ratio Lower Upper
117 100
82 53.1 47.8 71.8
119 32.2 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU045541.D
 Acq: 03 Nov 2021 23:36

Instrument :
 MSVOA_U
 ClientSampleId :
 SP-3



Tgt Ion:152 Resp: 135000
 Ion Ratio Lower Upper
 152 100
 115 57.9 42.7 128.1
 150 157.0 0.0 346.8

