

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045750.D
 Acq On : 11 Nov 2021 19:42
 Operator : SY/MD
 Sample : PB140643TB
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB140643TB

Quant Time: Nov 12 06:13:05 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)

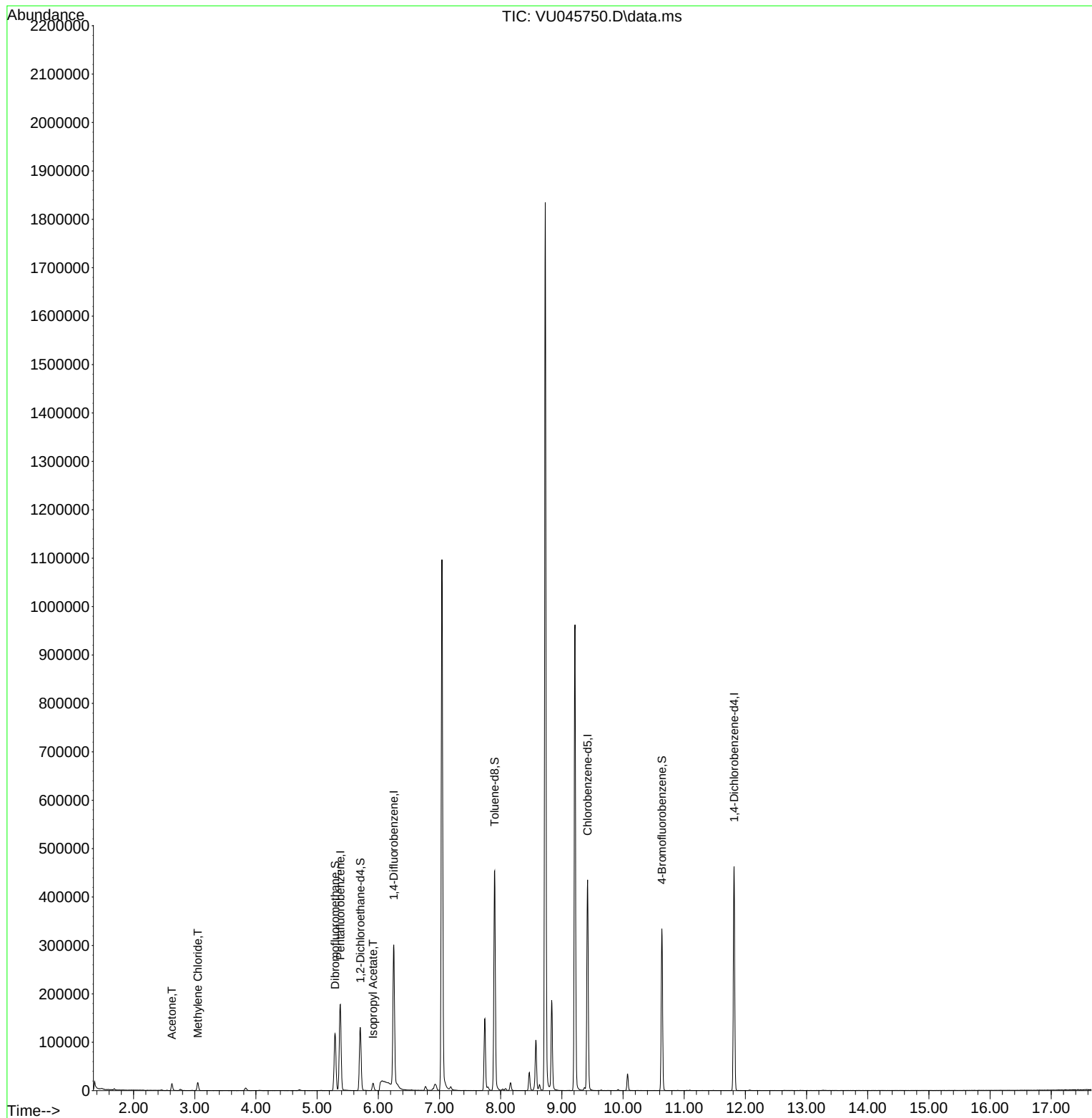
Internal Standards						
1) Pentafluorobenzene	5.378	168	116221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	226562	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	234661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	113893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	97091	55.782	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.560%
35) Dibromofluoromethane	5.292	113	75374	49.830	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.660%
50) Toluene-d8	7.902	98	299838	53.307	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.620%
62) 4-Bromofluorobenzene	10.635	95	111068	49.244	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.480%
Target Compounds						
						Qvalue
16) Acetone	2.626	43	16024	18.085	ug/l	98
20) Methylene Chloride	3.047	84	8339	5.417	ug/l	95
43) Isopropyl Acetate	5.915	43	16588	4.274	ug/l	97

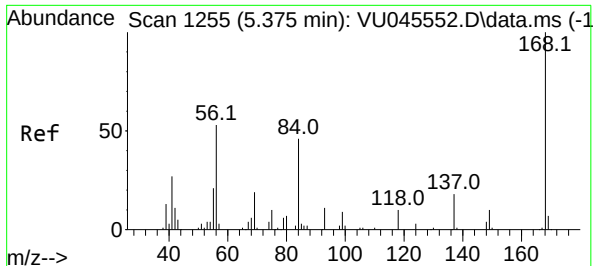
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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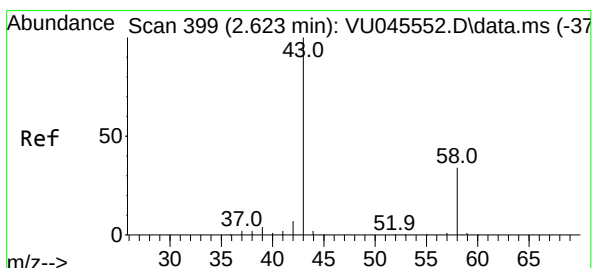
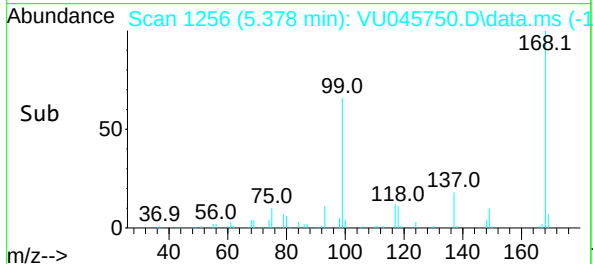
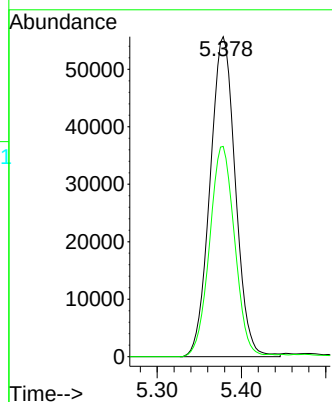
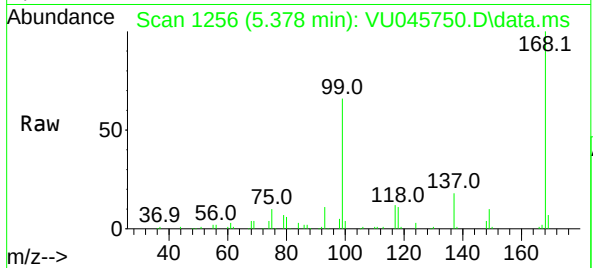




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045750.D
Acq: 11 Nov 2021 19:42

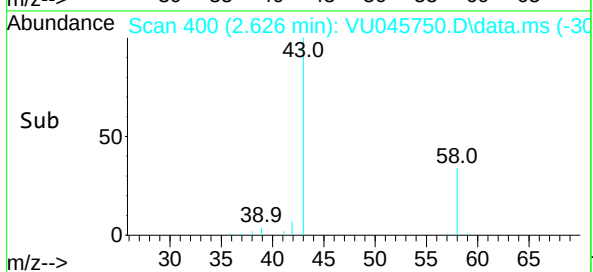
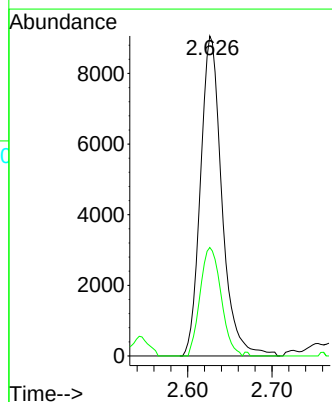
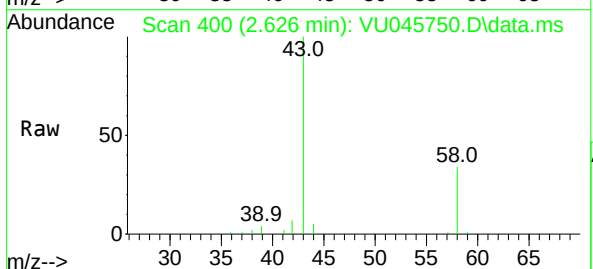
Instrument :
MSVOA_U
ClientSampleId :
PB140643TB

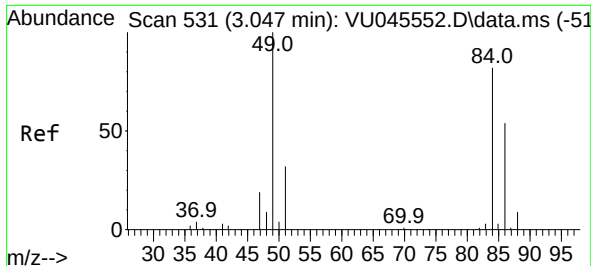
Tgt Ion:168 Resp: 116221
Ion Ratio Lower Upper
168 100
99 65.7 51.0 76.6



#16
Acetone
Concen: 18.085 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045750.D
Acq: 11 Nov 2021 19:42

Tgt Ion: 43 Resp: 16024
Ion Ratio Lower Upper
43 100
58 33.9 26.2 39.2

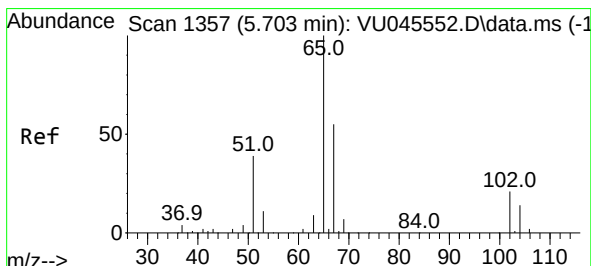
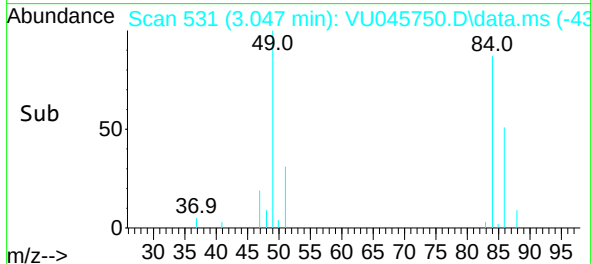
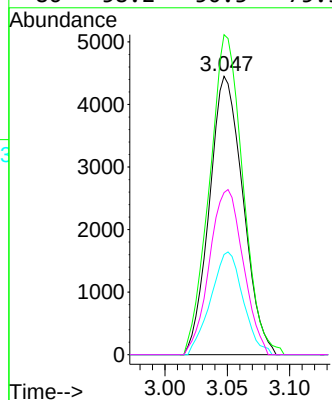
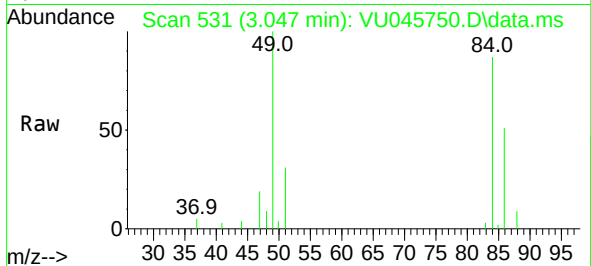




#20
Methylene Chloride
Concen: 5.417 ug/l
RT: 3.047 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU045750.D
Acq: 11 Nov 2021 19:42

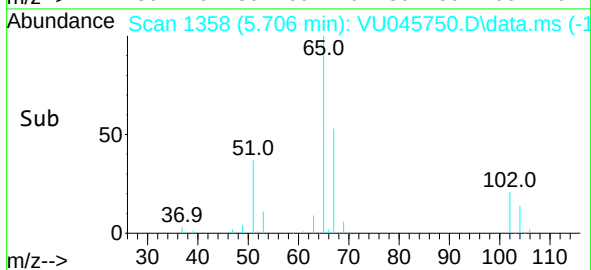
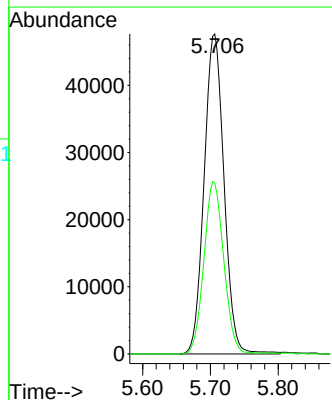
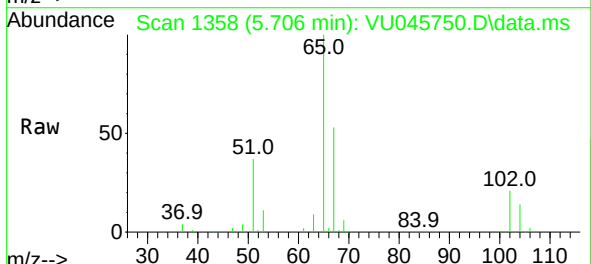
Instrument :
MSVOA_U
ClientSampleId :
PB140643TB

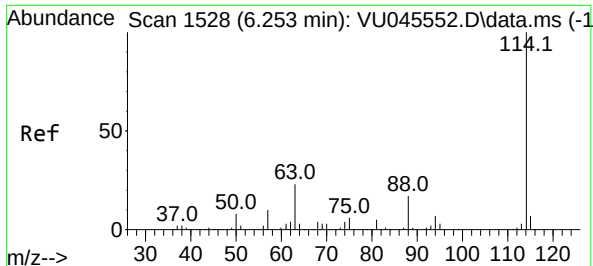
Tgt Ion: 84	Resp: 8339
Ion Ratio	Lower Upper
84 100	
49 114.9	96.4 144.6
51 36.0	30.5 45.7
86 58.2	50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 55.782 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU045750.D
Acq: 11 Nov 2021 19:42

Tgt Ion: 65	Resp: 97091
Ion Ratio	Lower Upper
65 100	
67 53.8	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: VU045750.D

Acq: 11 Nov 2021 19:42

Instrument :

MSVOA_U

ClientSampleId :

PB140643TB

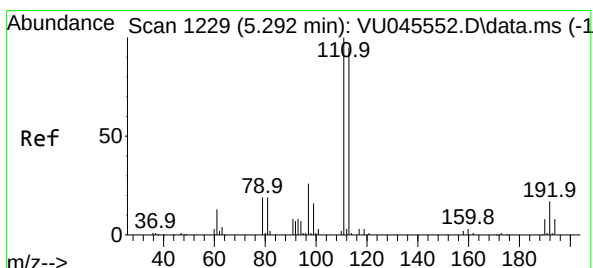
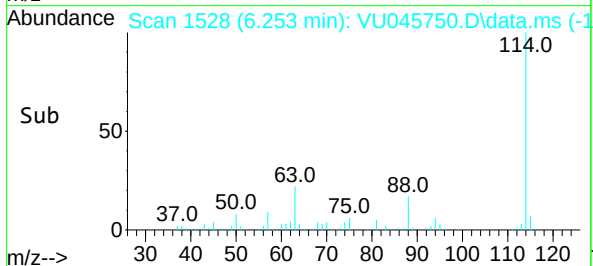
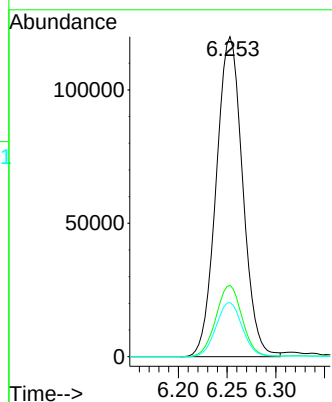
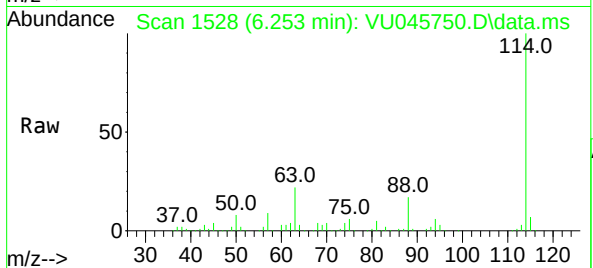
Tgt Ion:114 Resp: 226562

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.6

88 16.9 0.0 33.8



#35

Dibromofluoromethane

Concen: 49.830 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045750.D

Acq: 11 Nov 2021 19:42

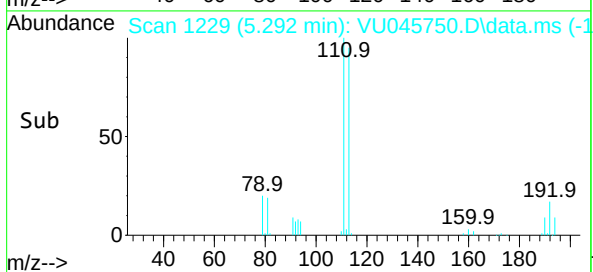
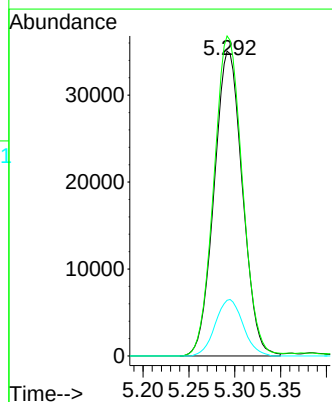
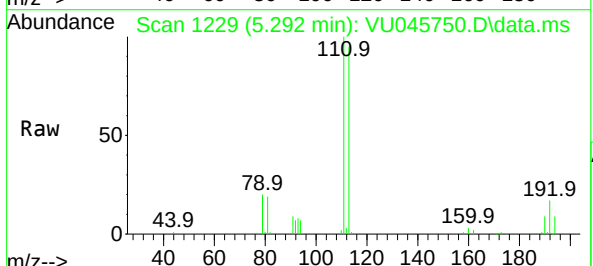
Tgt Ion:113 Resp: 75374

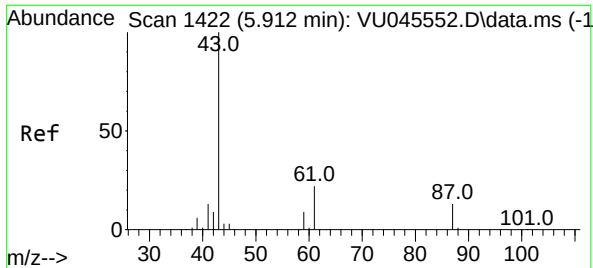
Ion Ratio Lower Upper

113 100

111 105.3 82.8 124.2

192 18.2 14.8 22.2





#43

Isopropyl Acetate

Concen: 4.274 ug/l

RT: 5.915 min Scan# 1422

Delta R.T. 0.003 min

Lab File: VU045750.D

Acq: 11 Nov 2021 19:42

Instrument :

MSVOA_U

ClientSampleId :

PB140643TB

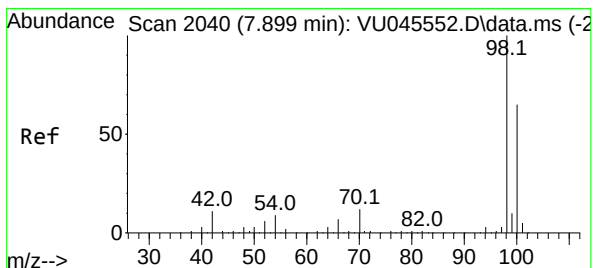
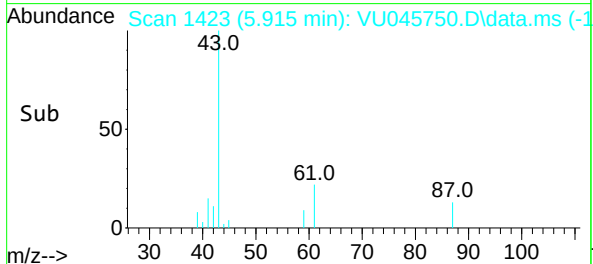
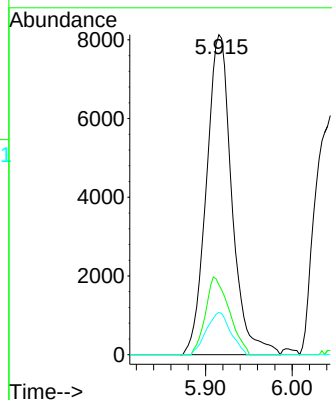
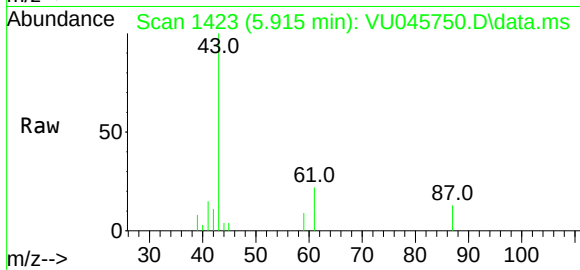
Tgt Ion: 43 Resp: 16588

Ion Ratio Lower Upper

43 100

61 22.7 16.9 25.3

87 12.5 11.0 16.4



#50

Toluene-d8

Concen: 53.307 ug/l

RT: 7.902 min Scan# 2041

Delta R.T. 0.003 min

Lab File: VU045750.D

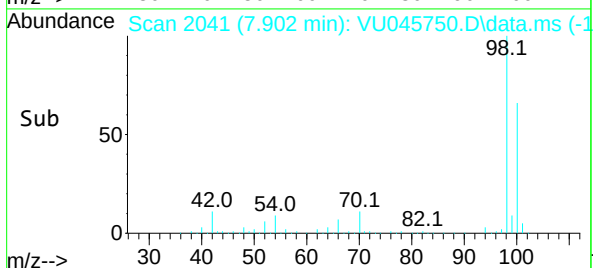
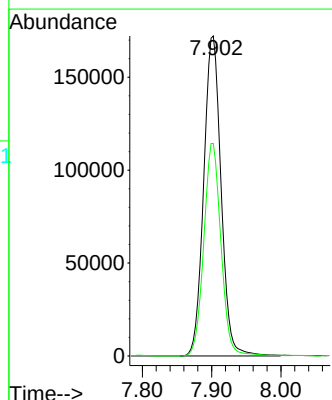
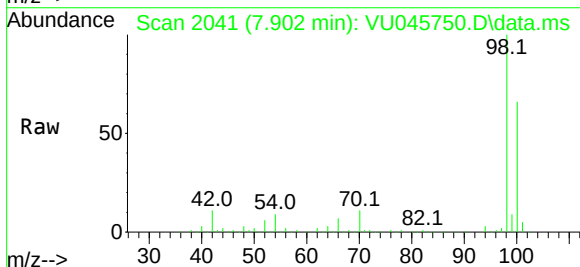
Acq: 11 Nov 2021 19:42

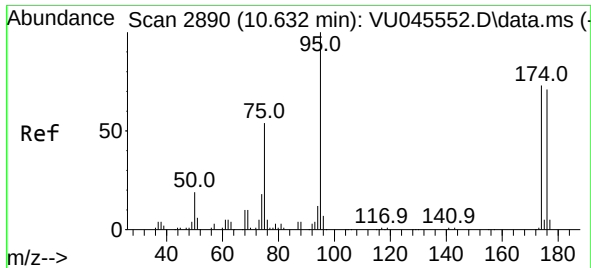
Tgt Ion: 98 Resp: 299838

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7

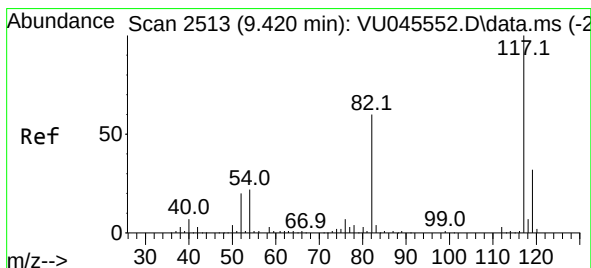
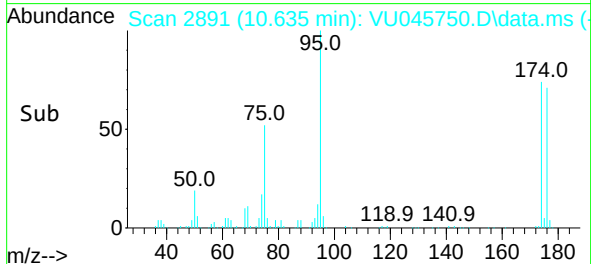
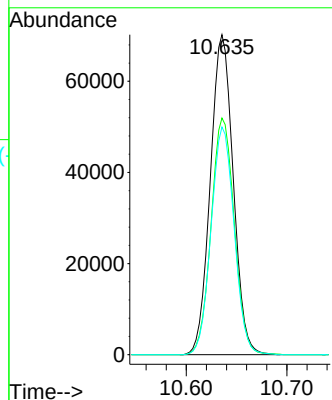
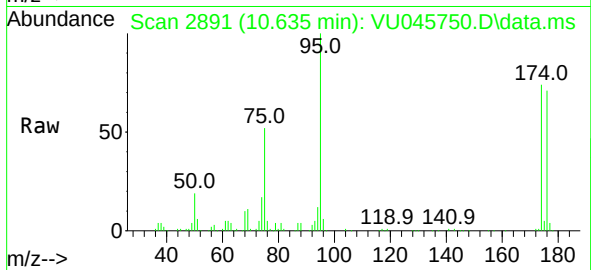




#62
4-Bromofluorobenzene
Concen: 49.244 ug/l
RT: 10.635 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU045750.D
Acq: 11 Nov 2021 19:42

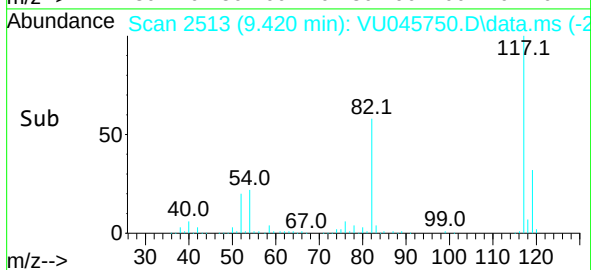
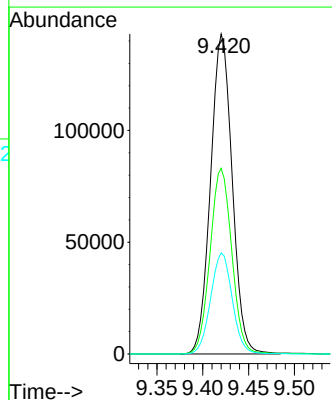
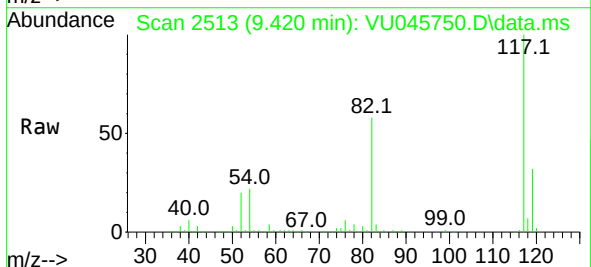
Instrument :
MSVOA_U
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PB140643TB

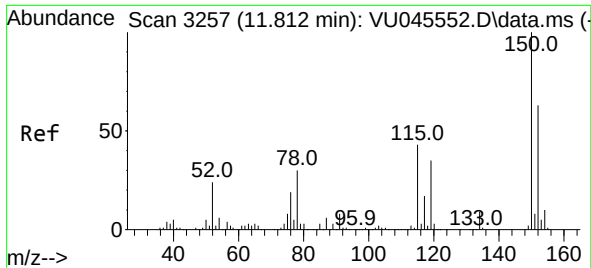
Tgt Ion: 95 Resp: 111068
Ion Ratio Lower Upper
95 100
174 74.9 0.0 141.8
176 71.7 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045750.D
Acq: 11 Nov 2021 19:42

Tgt Ion: 117 Resp: 234661
Ion Ratio Lower Upper
117 100
82 58.0 47.8 71.8
119 31.6 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.815 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU045750.D

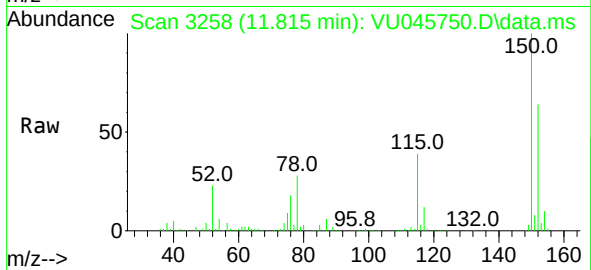
Acq: 11 Nov 2021 19:42

Instrument :

MSVOA_U

ClientSampleId :

PB140643TB



Tgt Ion:152 Resp: 113893

Ion Ratio Lower Upper

152 100

115 61.4 42.7 128.1

150 156.3 0.0 346.8

