

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110421\
 Data File : VU045538.D
 Acq On : 03 Nov 2021 22:28
 Operator : SY/MD
 Sample : PB140448ZHE#04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB140448ZHE#04

Quant Time: Nov 05 13:54:17 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)

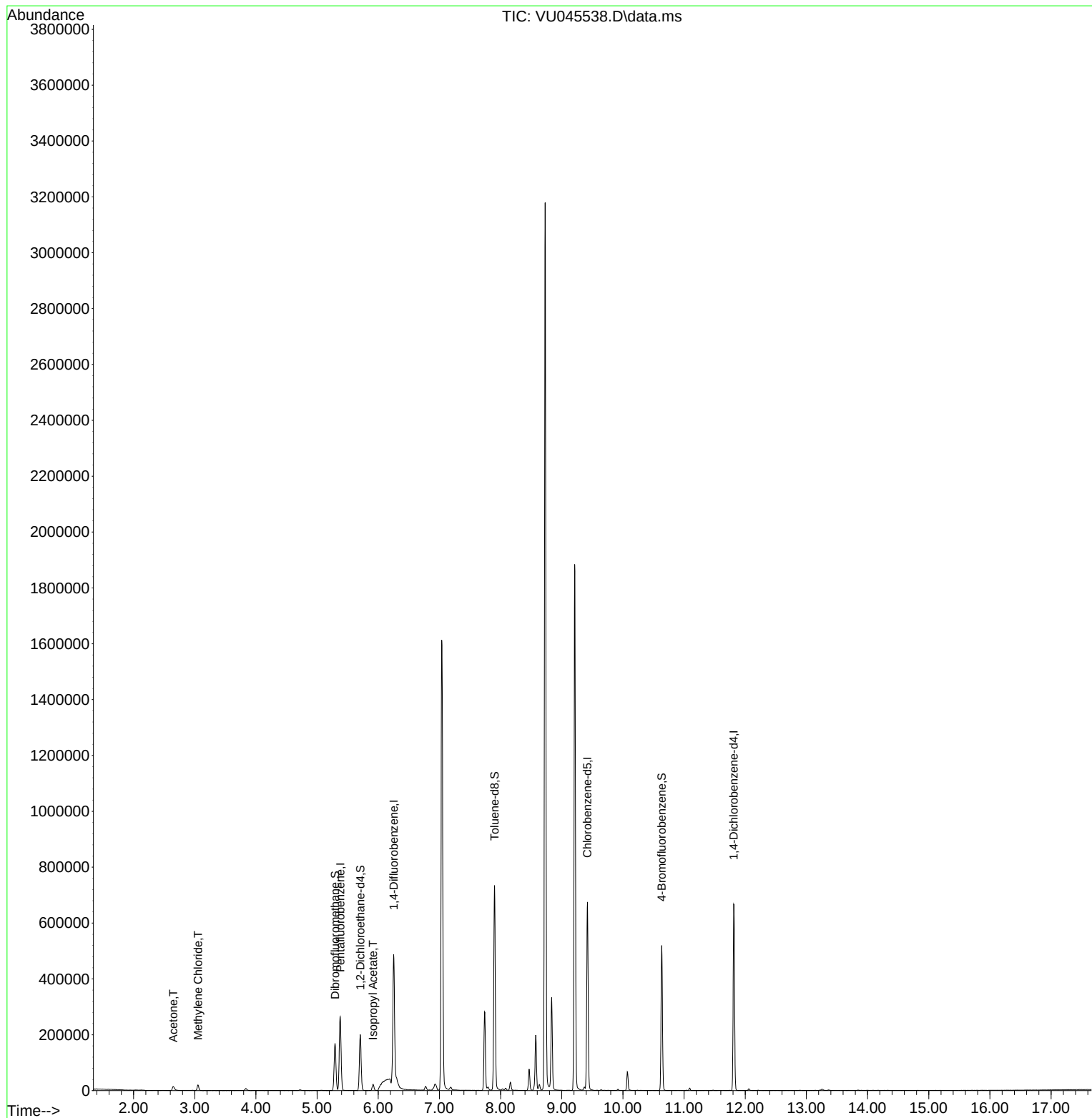
Internal Standards						
1) Pentafluorobenzene	5.378	168	182759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	362477	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	368771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	170457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	144705	48.634	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.260%
35) Dibromofluoromethane	5.295	113	110772	48.061	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.120%
50) Toluene-d8	7.902	98	483982	53.550	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.100%
62) 4-Bromofluorobenzene	10.635	95	182429	52.970	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.940%
Target Compounds						
					Qvalue	
16) Acetone	2.649	43	24670	18.264	ug/l	95
20) Methylene Chloride	3.054	84	9952	3.697	ug/l	97
43) Isopropyl Acetate	5.915	43	24846	3.945	ug/l	99

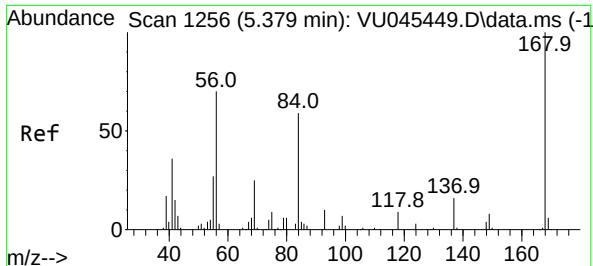
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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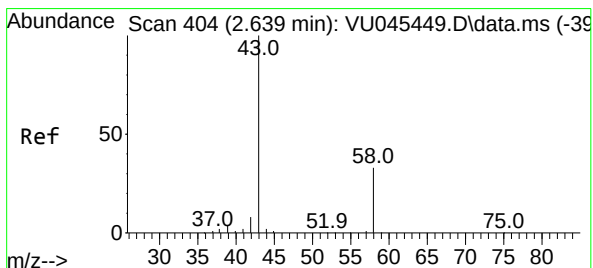
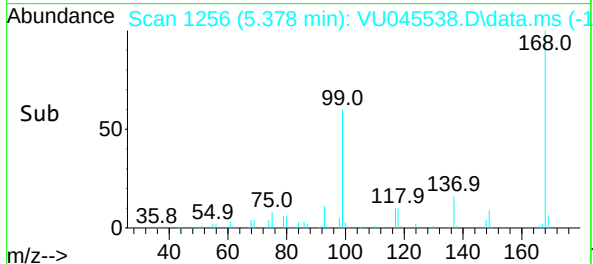
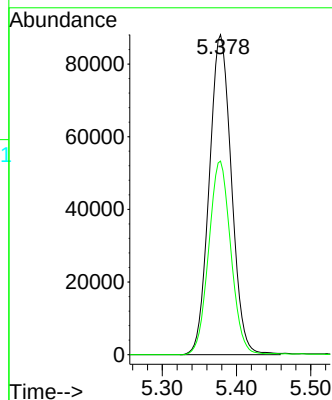
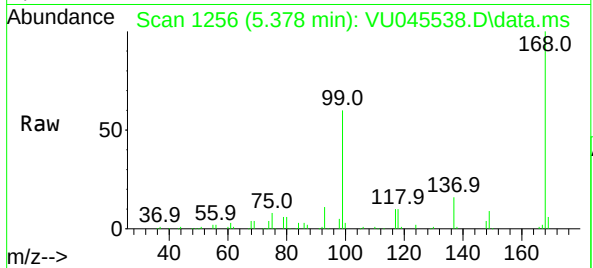




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU045538.D
Acq: 03 Nov 2021 22:28

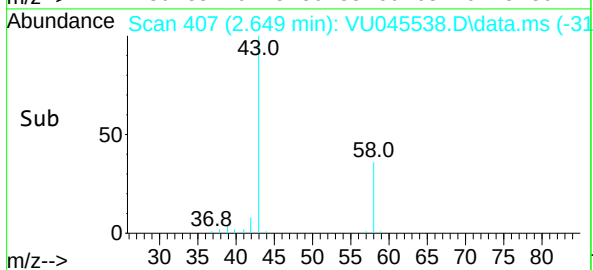
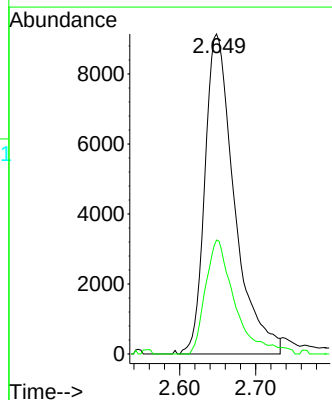
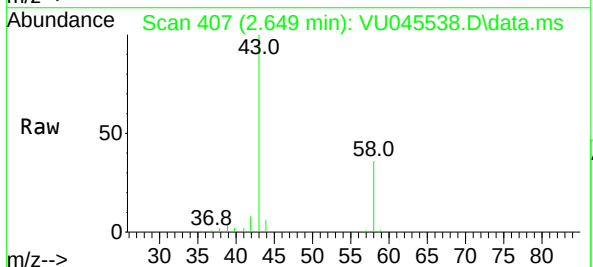
Instrument :
MSVOA_U
ClientSampleId :
PB140448ZHE#04

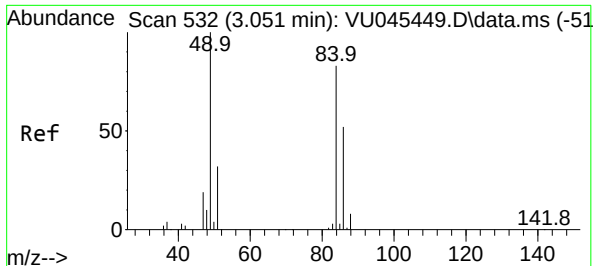
Tgt Ion:168 Resp: 182759
Ion Ratio Lower Upper
168 100
99 60.5 51.0 76.6



#16
Acetone
Concen: 18.264 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.009 min
Lab File: VU045538.D
Acq: 03 Nov 2021 22:28

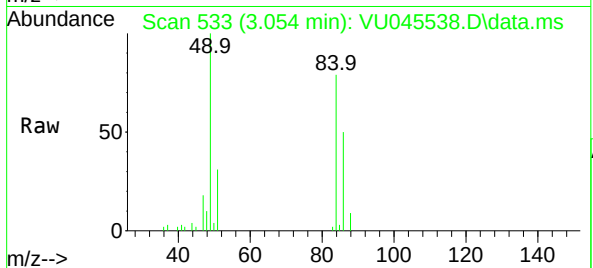
Tgt Ion: 43 Resp: 24670
Ion Ratio Lower Upper
43 100
58 35.6 26.2 39.2



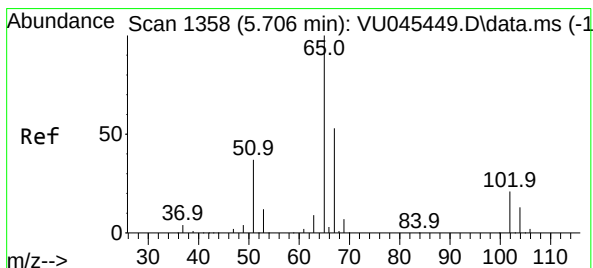
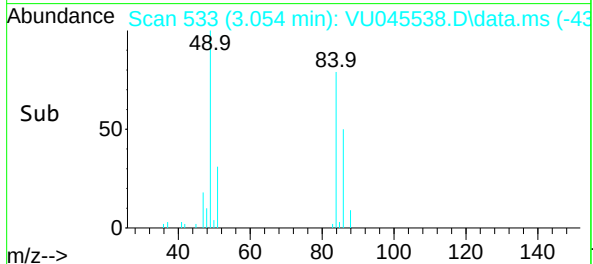
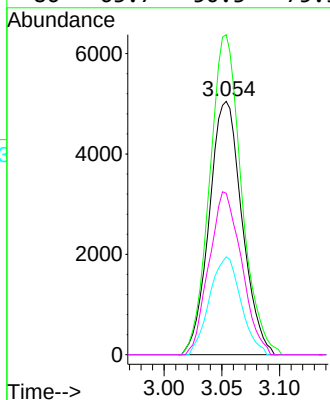


#20
Methylene Chloride
Concen: 3.697 ug/l
RT: 3.054 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045538.D
Acq: 03 Nov 2021 22:28

Instrument :
MSVOA_U
ClientSampleId :
PB140448ZHE#04

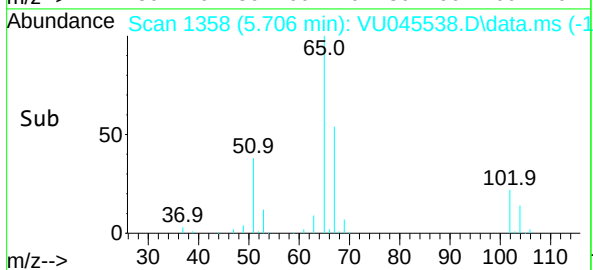
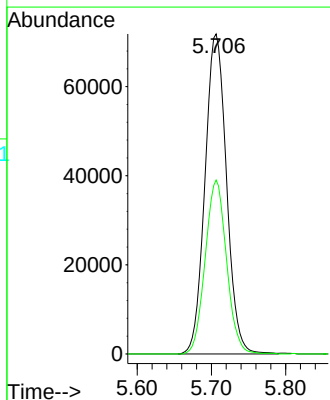
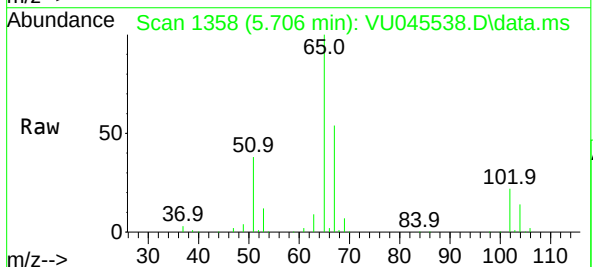


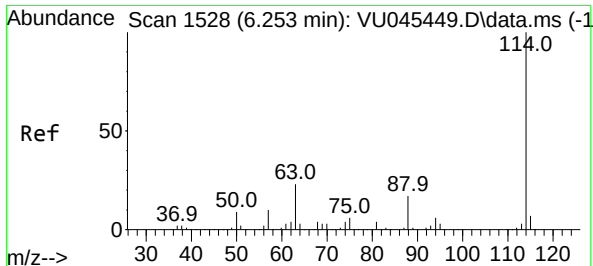
Tgt Ion:	84	Resp:	9952
Ion	Ratio	Lower	Upper
84	100		
49	126.3	96.4	144.6
51	38.6	30.5	45.7
86	63.7	50.3	75.5



#33
1,2-Dichloroethane-d4
Concen: 48.634 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VU045538.D
Acq: 03 Nov 2021 22:28

Tgt Ion:	65	Resp:	144705
Ion	Ratio	Lower	Upper
65	100		
67	53.7	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: VU045538.D

Acq: 03 Nov 2021 22:28

Instrument :

MSVOA_U

ClientSampleId :

PB140448ZHE#04

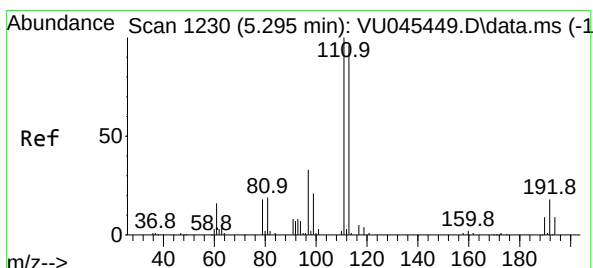
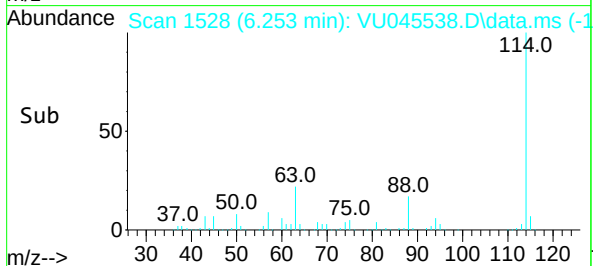
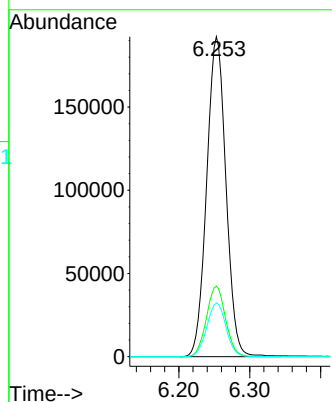
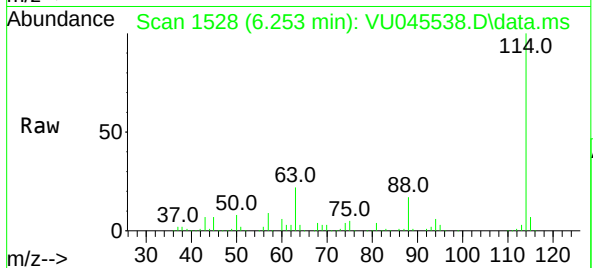
Tgt Ion:114 Resp: 362477

Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.6

88 16.7 0.0 33.8



#35

Dibromofluoromethane

Concen: 48.061 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VU045538.D

Acq: 03 Nov 2021 22:28

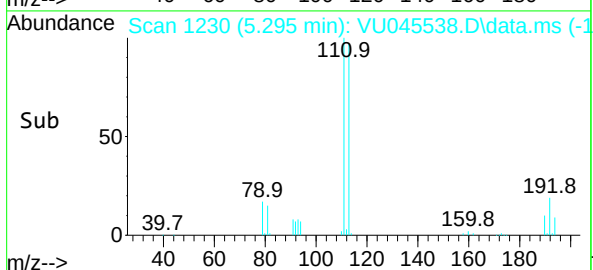
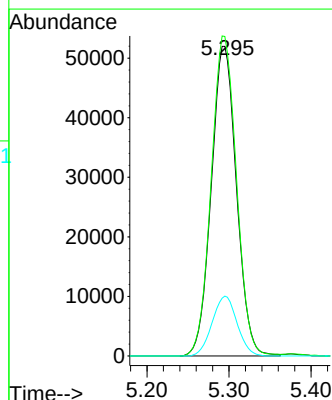
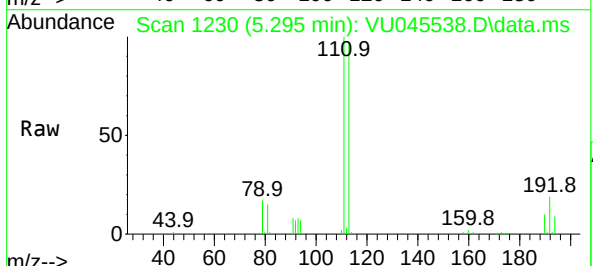
Tgt Ion:113 Resp: 110772

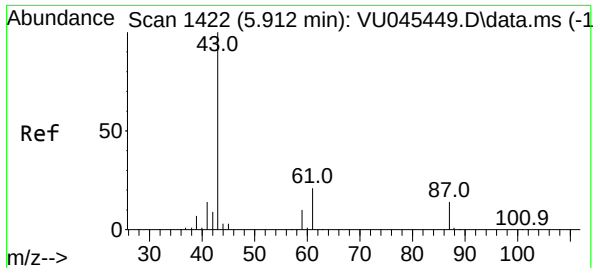
Ion Ratio Lower Upper

113 100

111 103.8 82.8 124.2

192 19.1 14.8 22.2

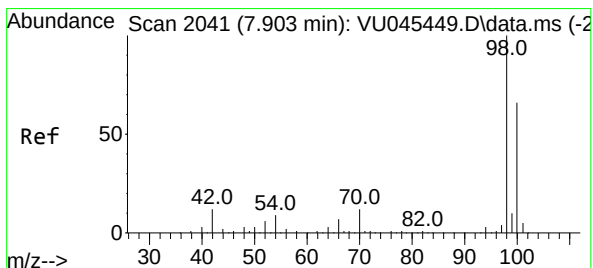
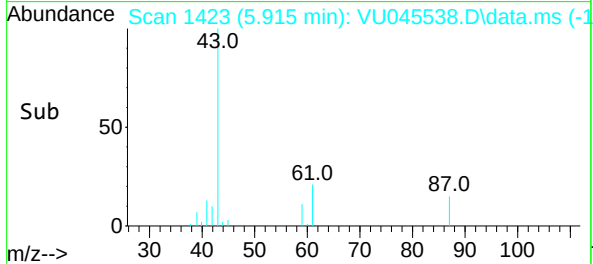
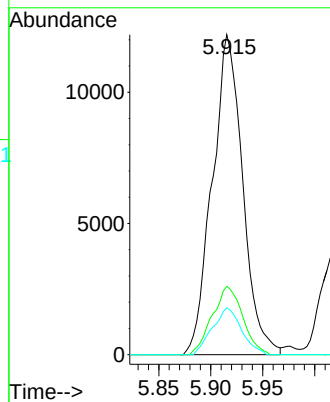
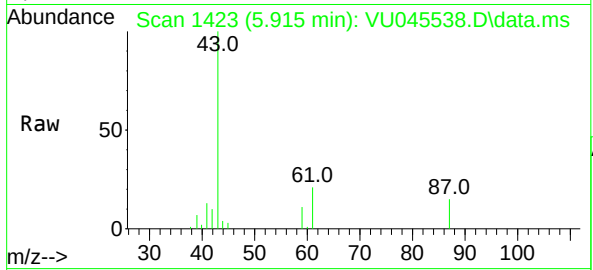




#43
Isopropyl Acetate
Concen: 3.945 ug/l
RT: 5.915 min Scan# 1422
Delta R.T. 0.003 min
Lab File: VU045538.D
Acq: 03 Nov 2021 22:28

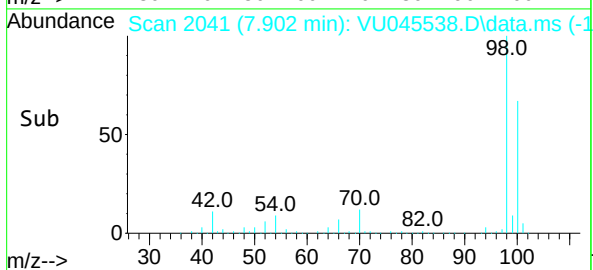
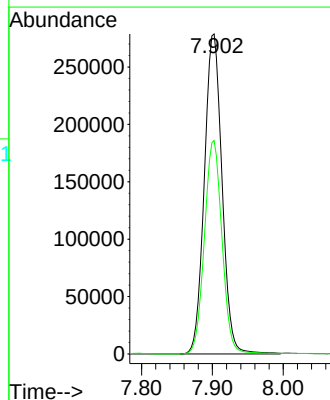
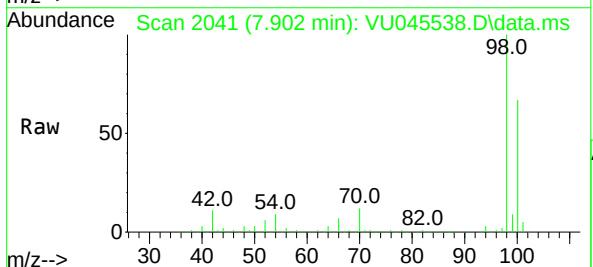
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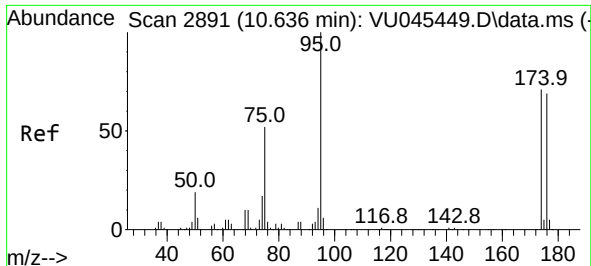
Tgt Ion: 43	Resp: 24846
Ion Ratio	Lower Upper
43	100
61	21.4 16.9 25.3
87	14.0 11.0 16.4



#50
Toluene-d8
Concen: 53.550 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VU045538.D
Acq: 03 Nov 2021 22:28

Tgt Ion: 98	Resp: 483982
Ion Ratio	Lower Upper
98	100
100	66.4 52.5 78.7

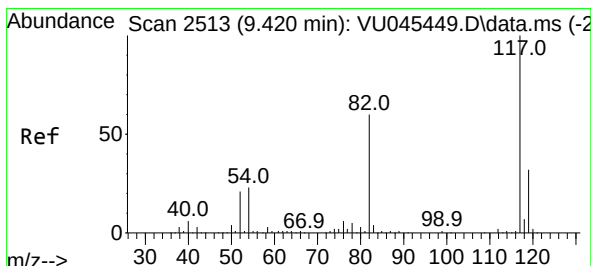
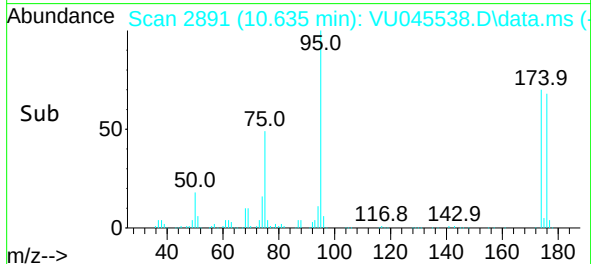
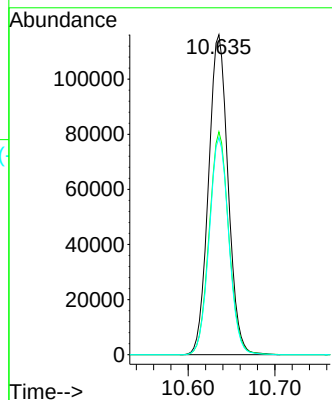
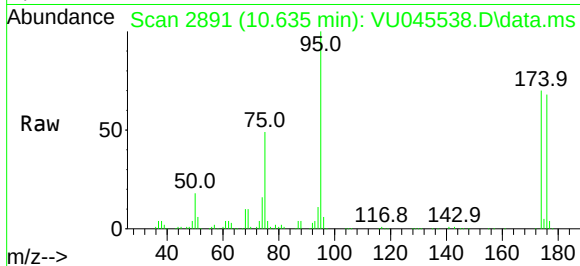




#62
4-Bromofluorobenzene
Concen: 52.970 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU045538.D
Acq: 03 Nov 2021 22:28

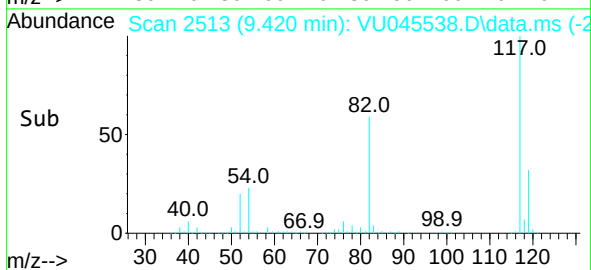
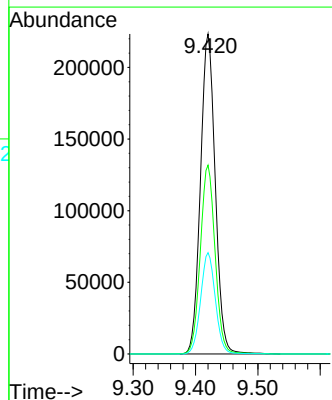
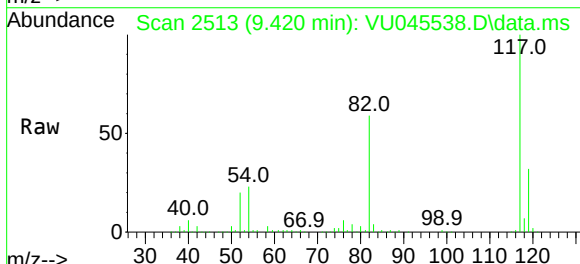
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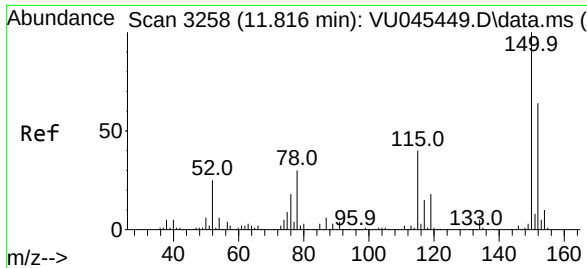
Tgt Ion: 95 Resp: 182429
Ion Ratio Lower Upper
95 100
174 69.8 0.0 141.8
176 67.7 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU045538.D
Acq: 03 Nov 2021 22:28

Tgt Ion: 117 Resp: 368771
Ion Ratio Lower Upper
117 100
82 59.0 47.8 71.8
119 31.7 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: VU045538.D

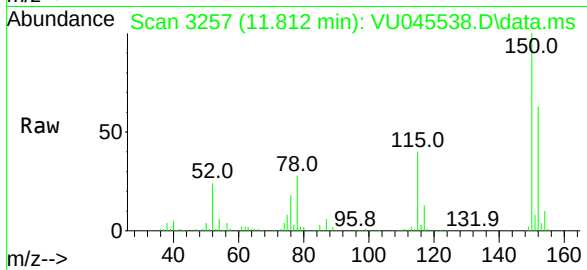
Acq: 03 Nov 2021 22:28

Instrument :

MSVOA_U

ClientSampleId :

PB140448ZHE#04



Tgt Ion:152 Resp: 170457

Ion Ratio Lower Upper

152 100

115 62.1 42.7 128.1

150 157.6 0.0 346.8

