

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102521\
 Data File : VU045384.D
 Acq On : 25 Oct 2021 15:03
 Operator : SY/MD
 Sample : M4290-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TH-BBD

Quant Time: Oct 26 04:43:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

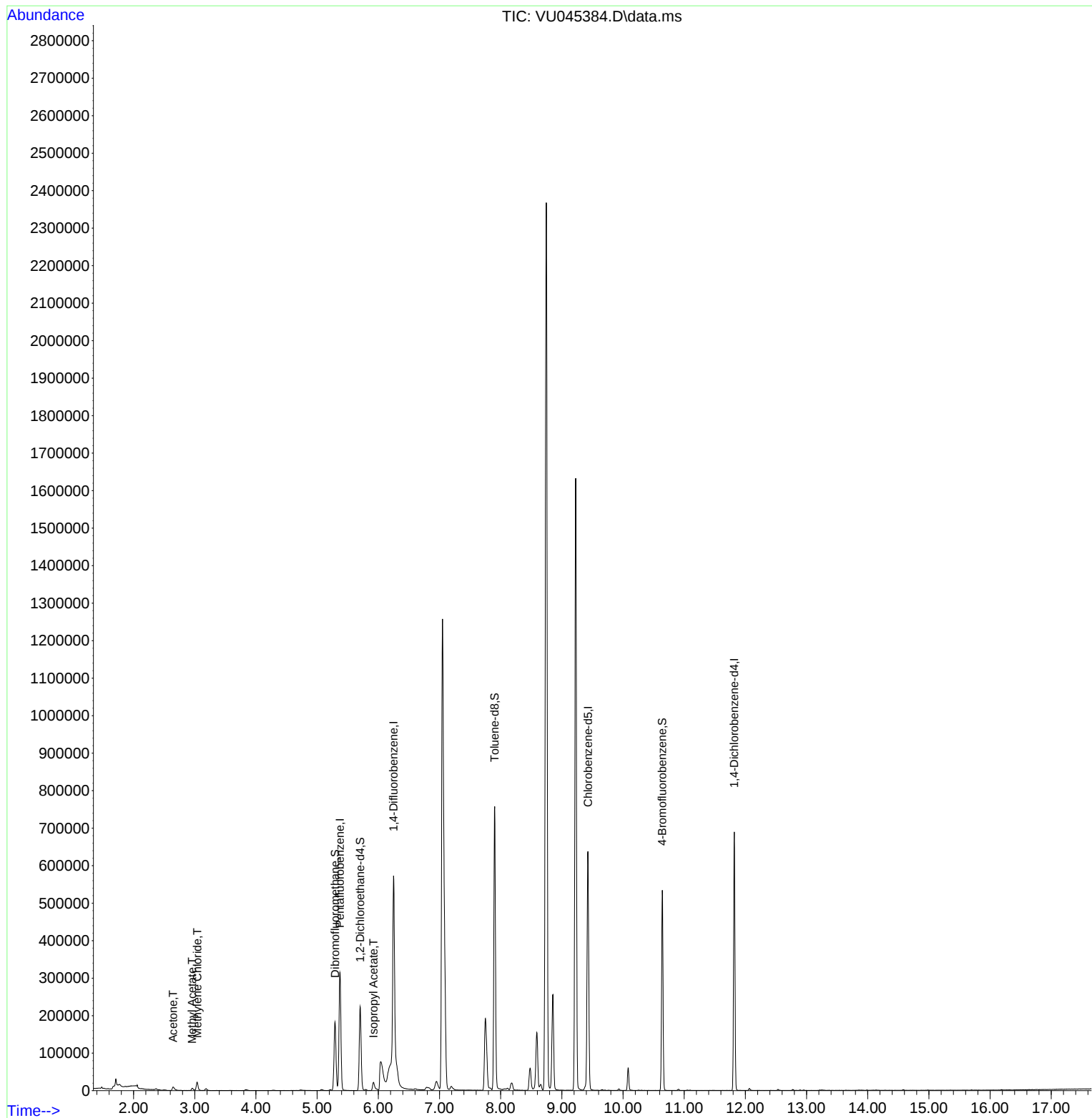
Internal Standards						
1) Pentafluorobenzene	5.372	168	216816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	413720	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	385162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	166024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	175704	48.683	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.360%		
35) Dibromofluoromethane	5.292	113	127448	48.833	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.660%		
50) Toluene-d8	7.902	98	515807	50.020	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.040%		
62) 4-Bromofluorobenzene	10.642	95	185843	43.652	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.300%		
Target Compounds					Qvalue	
16) Acetone	2.645	43	16143	7.535	ug/l	96
18) Methyl Acetate	2.957	43	9075	1.449	ug/l	94
20) Methylene Chloride	3.041	84	11342	3.515	ug/l	94
43) Isopropyl Acetate	5.922	43	31187	3.621	ug/l	99

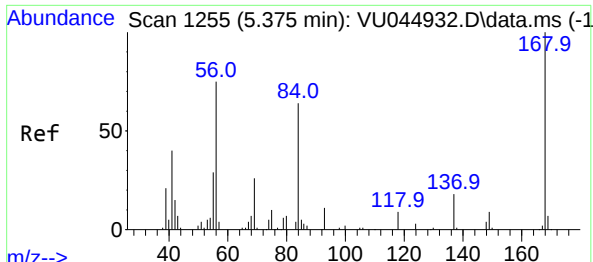
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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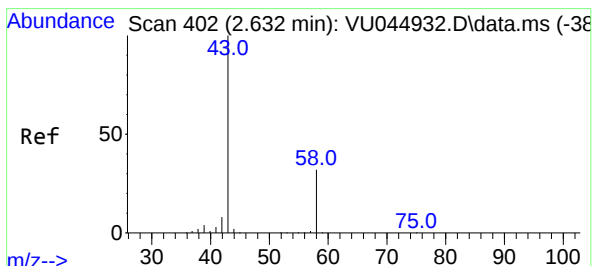
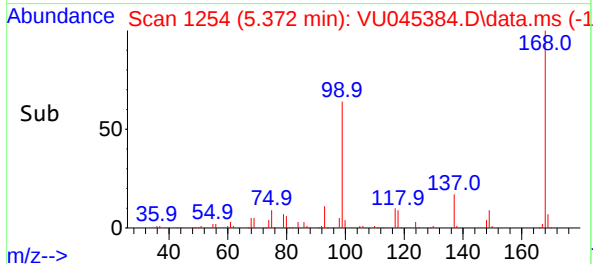
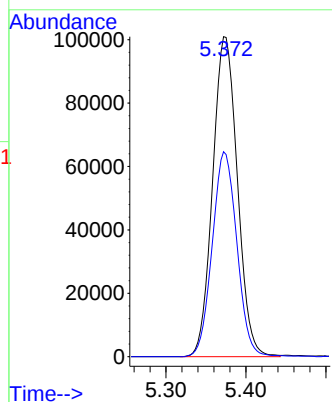
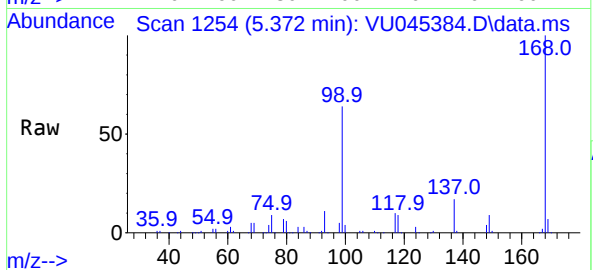




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.003 min
Lab File: VU045384.D
Acq: 25 Oct 2021 15:03

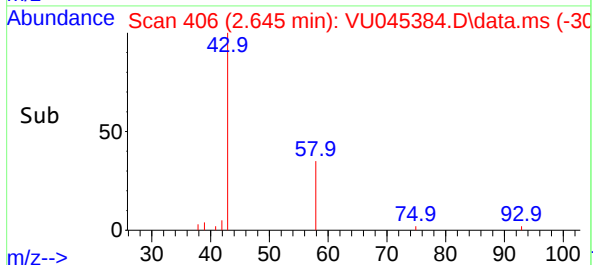
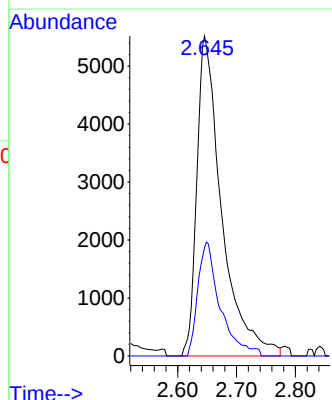
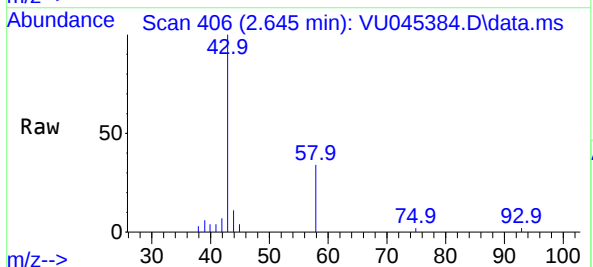
Instrument :
MSVOA_U
ClientSampleId :
TH-BBD

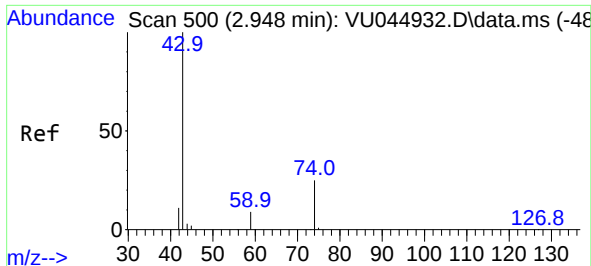
Tgt Ion:168 Resp: 216816
Ion Ratio Lower Upper
168 100
99 64.1 51.4 77.0



#16
Acetone
Concen: 7.535 ug/l
RT: 2.645 min Scan# 406
Delta R.T. 0.013 min
Lab File: VU045384.D
Acq: 25 Oct 2021 15:03

Tgt Ion: 43 Resp: 16143
Ion Ratio Lower Upper
43 100
58 33.9 25.2 37.8

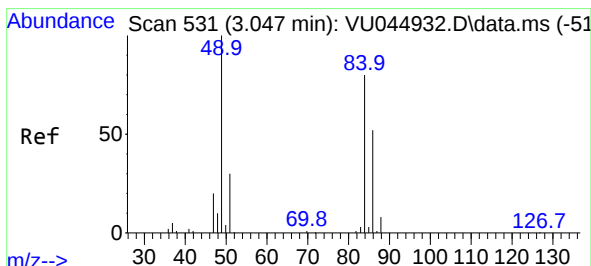
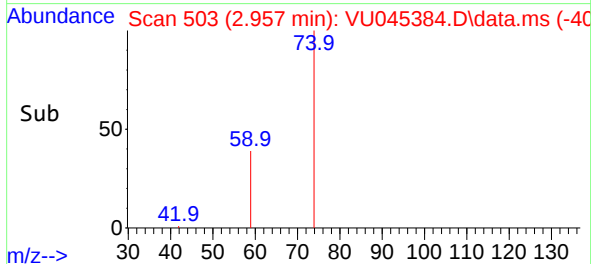
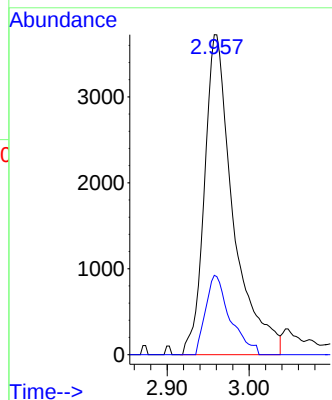
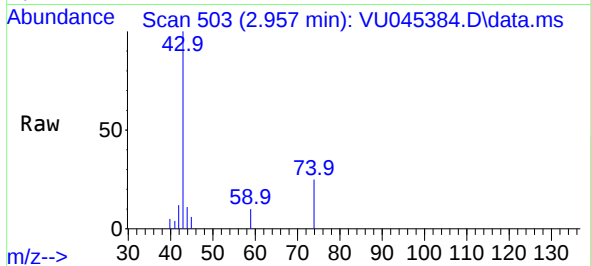




#18
Methyl Acetate
Concen: 1.449 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.009 min
Lab File: VU045384.D
Acq: 25 Oct 2021 15:03

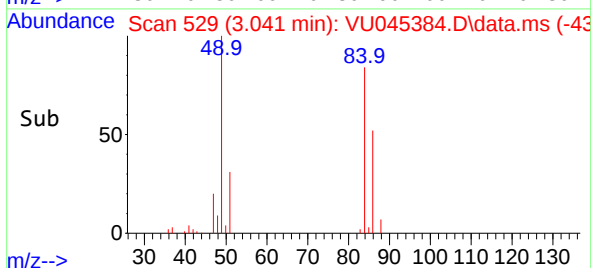
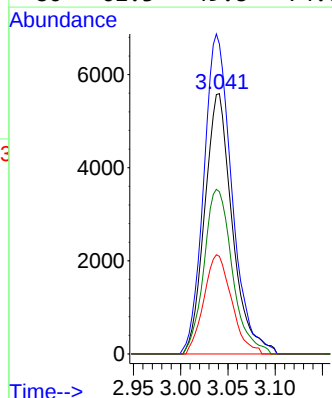
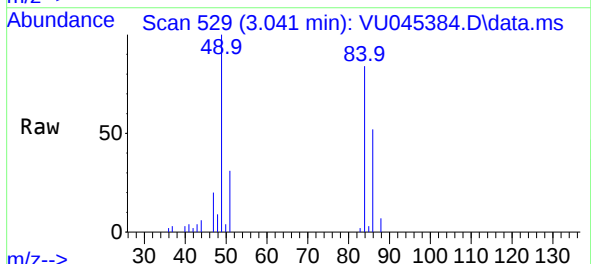
Instrument :
MSVOA_U
ClientSampled :
TH-BBD

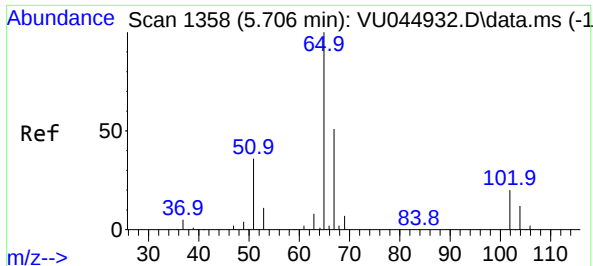
Tgt Ion: 43 Resp: 9075
Ion Ratio Lower Upper
43 100
74 21.1 19.0 28.6



#20
Methylene Chloride
Concen: 3.515 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.006 min
Lab File: VU045384.D
Acq: 25 Oct 2021 15:03

Tgt Ion: 84 Resp: 11342
Ion Ratio Lower Upper
84 100
49 119.0 104.9 157.3
51 37.5 31.8 47.8
86 62.3 49.8 74.6



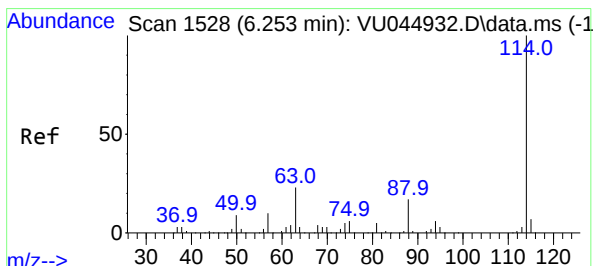
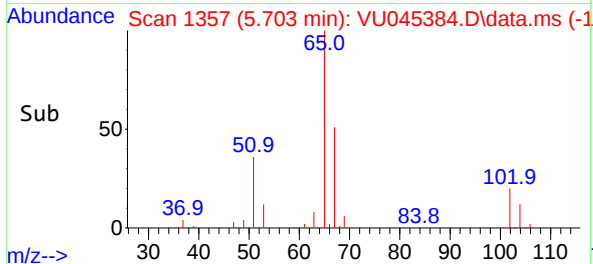
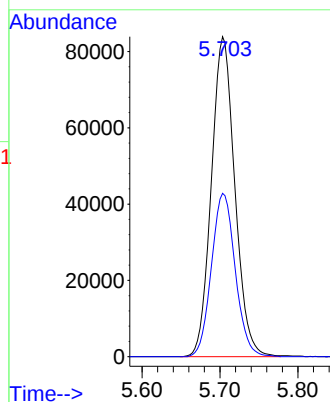
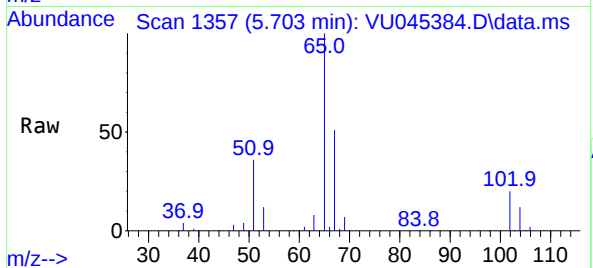


#33

1,2-Dichloroethane-d4
Concen: 48.683 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045384.D
Acq: 25 Oct 2021 15:03

Instrument :
MSVOA_U
ClientSampleId :
TH-BBD

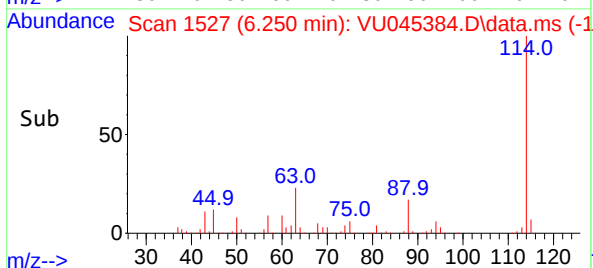
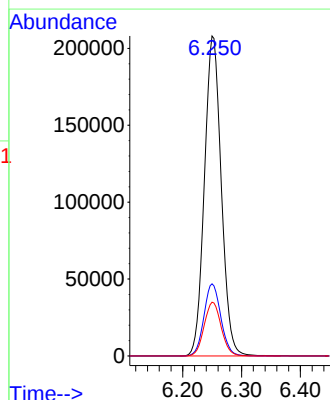
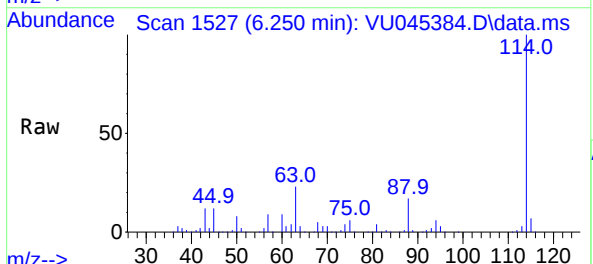
Tgt Ion: 65 Resp: 175704
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8

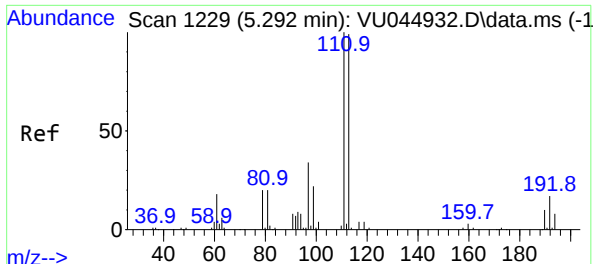


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU045384.D
Acq: 25 Oct 2021 15:03

Tgt Ion: 114 Resp: 413720
Ion Ratio Lower Upper
114 100
63 22.5 0.0 47.8
88 16.8 0.0 32.8

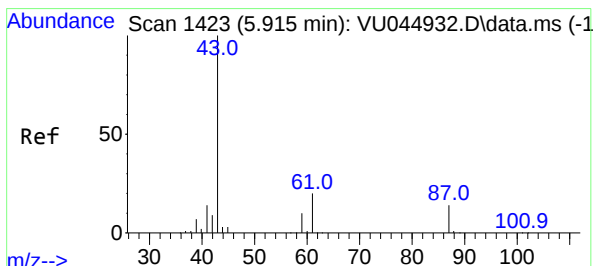
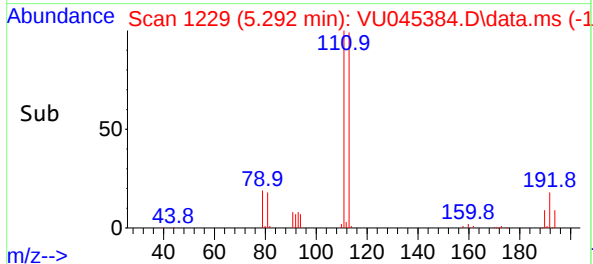
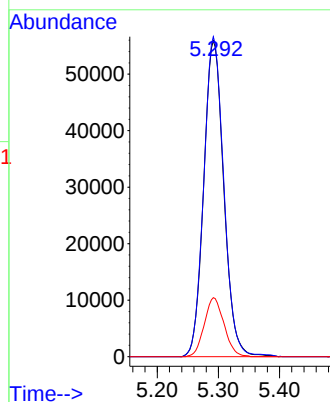
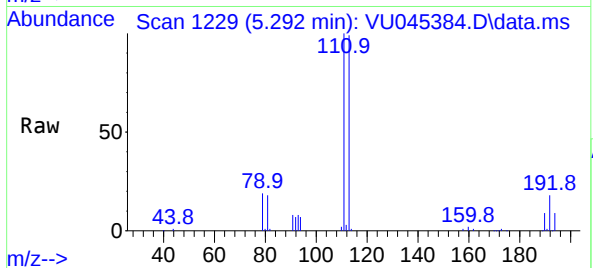




#35
Dibromofluoromethane
Concen: 48.833 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045384.D
Acq: 25 Oct 2021 15:03

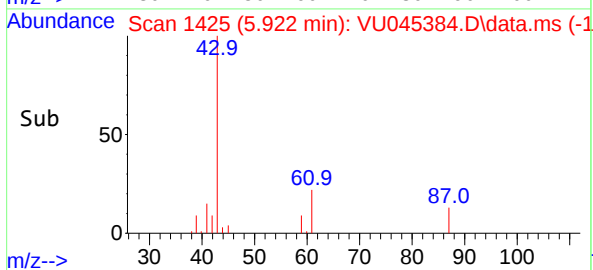
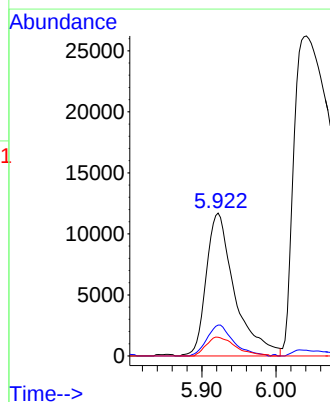
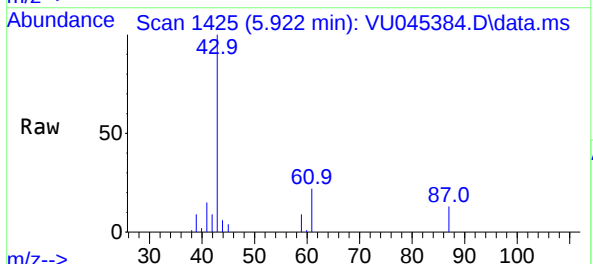
Instrument :
MSVOA_U
ClientSampleId :
TH-BBD

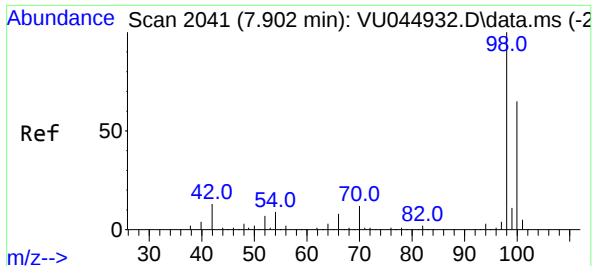
Tgt Ion:113 Resp: 127448
Ion Ratio Lower Upper
113 100
111 101.2 84.1 126.1
192 18.4 14.8 22.2



#43
Isopropyl Acetate
Concen: 3.621 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.007 min
Lab File: VU045384.D
Acq: 25 Oct 2021 15:03

Tgt Ion: 43 Resp: 31187
Ion Ratio Lower Upper
43 100
61 20.1 16.1 24.1
87 13.6 10.3 15.5





#50

Toluene-d8

Concen: 50.020 ug/l

RT: 7.902 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VU045384.D

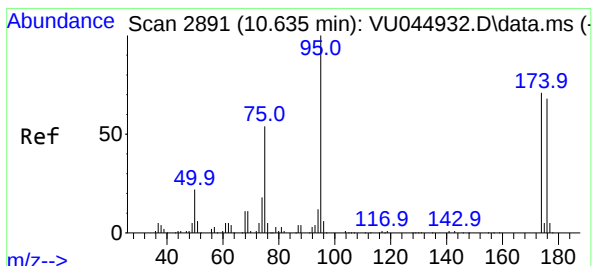
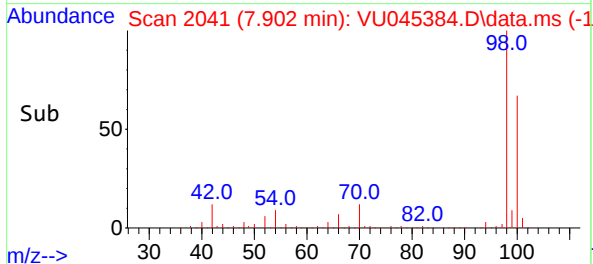
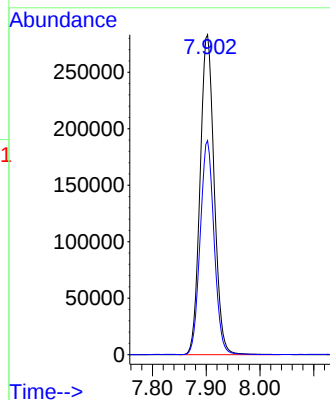
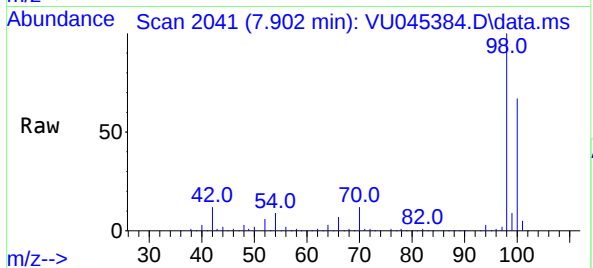
Acq: 25 Oct 2021 15:03

Tgt Ion: 98 Resp: 515807

Ion Ratio Lower Upper

98 100

100 66.1 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 43.652 ug/l

RT: 10.642 min Scan# 2893

Delta R.T. 0.007 min

Lab File: VU045384.D

Acq: 25 Oct 2021 15:03

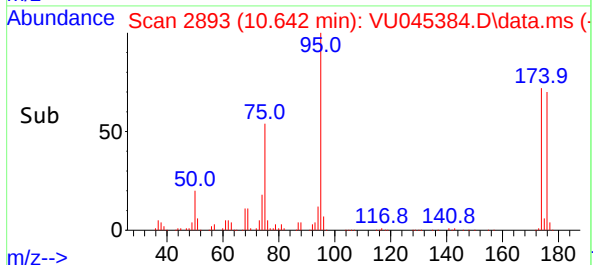
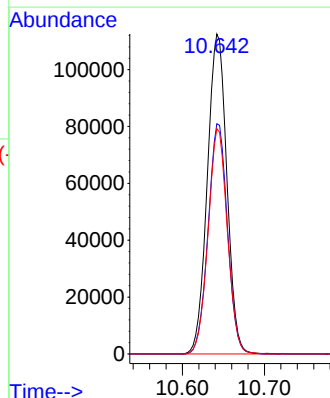
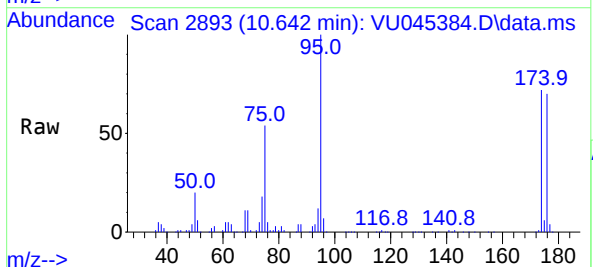
Tgt Ion: 95 Resp: 185843

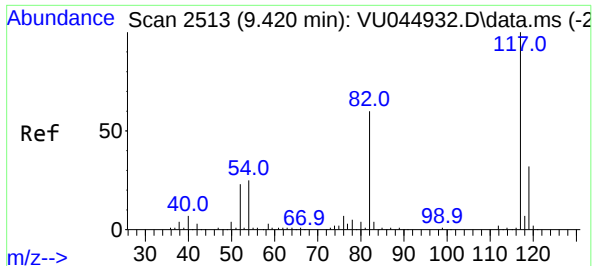
Ion Ratio Lower Upper

95 100

174 71.2 0.0 146.6

176 69.2 0.0 141.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.427 min Scan# 2515

Delta R.T. 0.007 min

Lab File: VU045384.D

Acq: 25 Oct 2021 15:03

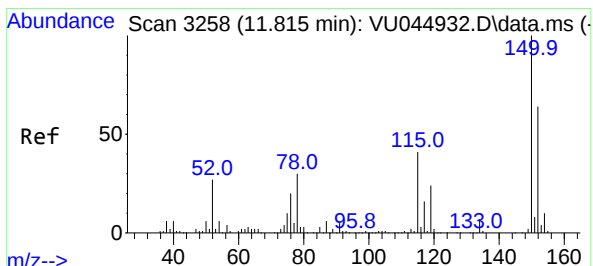
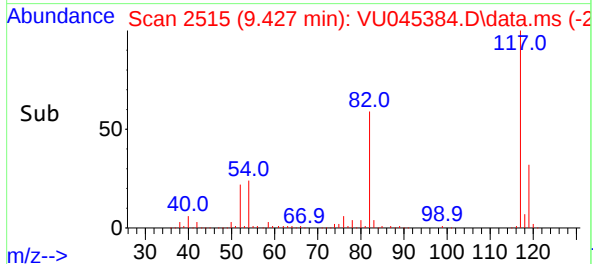
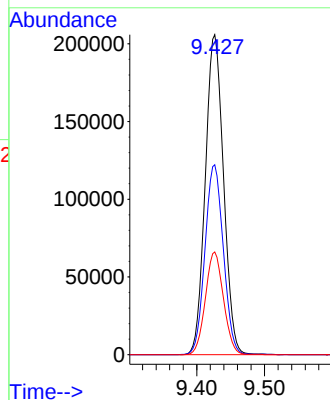
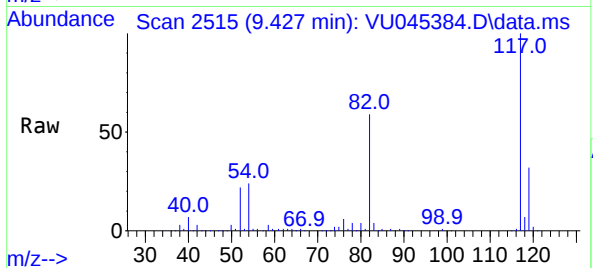
Tgt Ion:117 Resp: 385162

Ion Ratio Lower Upper

117 100

82 59.3 47.8 71.8

119 32.1 25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.819 min Scan# 3259

Delta R.T. 0.004 min

Lab File: VU045384.D

Acq: 25 Oct 2021 15:03

Tgt Ion:152 Resp: 166024

Ion Ratio Lower Upper

152 100

115 62.7 43.5 130.7

150 156.3 0.0 350.0

