

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102521\
 Data File : VU045382.D
 Acq On : 25 Oct 2021 14:16
 Operator : SY/MD
 Sample : M4290-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TH-BD

Quant Time: Oct 26 04:42:24 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)

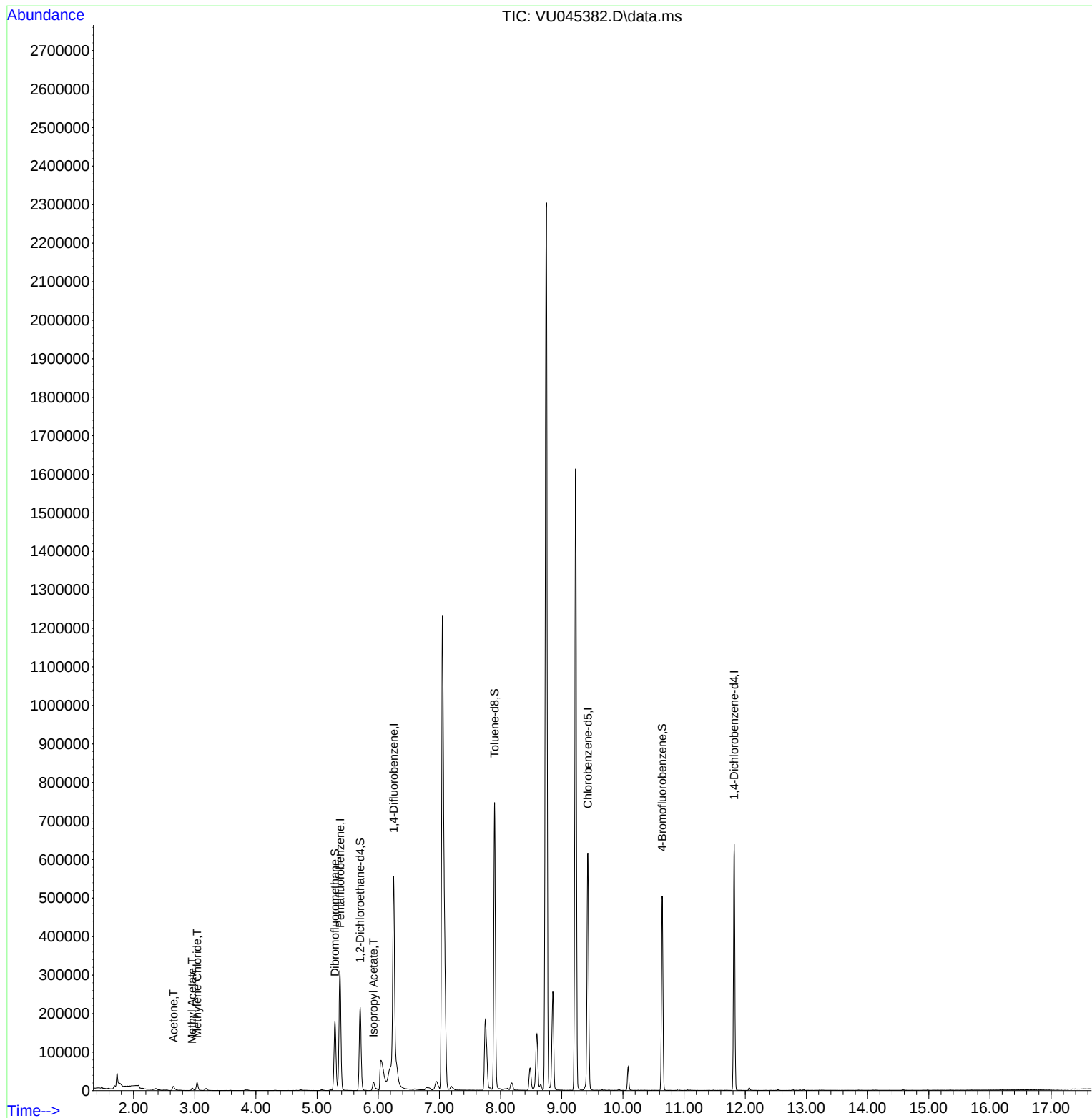
Internal Standards						
1) Pentafluorobenzene	5.375	168	214358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	407196	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	375009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	154804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	172155	48.246	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.500%
35) Dibromofluoromethane	5.292	113	125836	48.988	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.980%
50) Toluene-d8	7.902	98	509791	50.228	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.460%
62) 4-Bromofluorobenzene	10.642	95	178896	42.693	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.380%
Target Compounds						
					Qvalue	
16) Acetone	2.652	43	18384	8.680	ug/l	97
18) Methyl Acetate	2.957	43	9737	1.573	ug/l	97
20) Methylene Chloride	3.038	84	10865	3.406	ug/l	98
43) Isopropyl Acetate	5.922	43	32667	3.854	ug/l	98

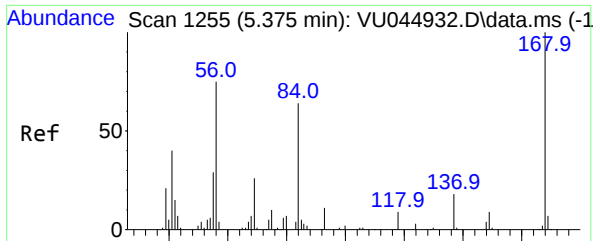
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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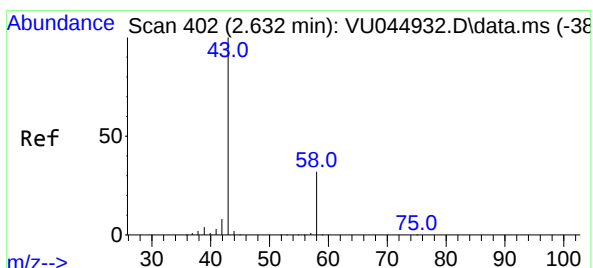
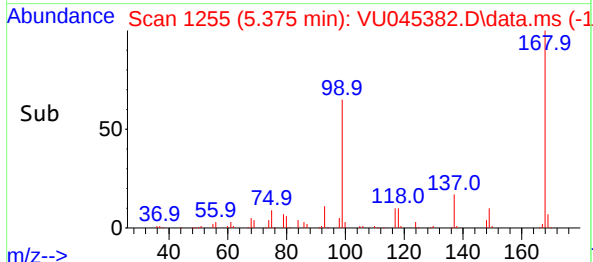
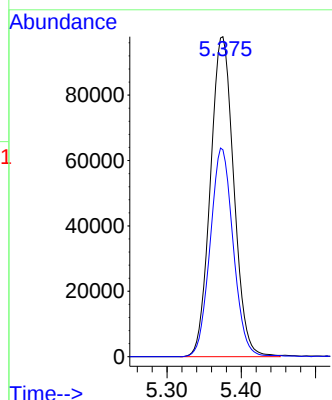
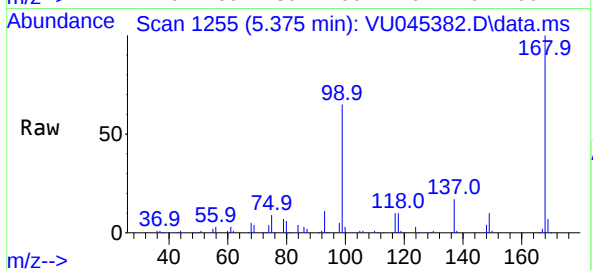




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VU045382.D
Acq: 25 Oct 2021 14:16

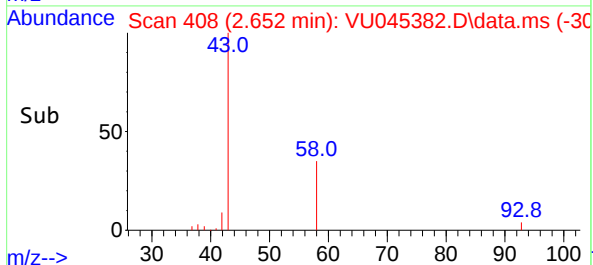
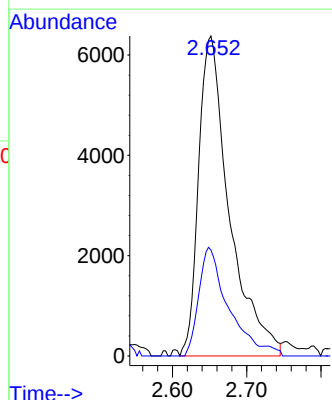
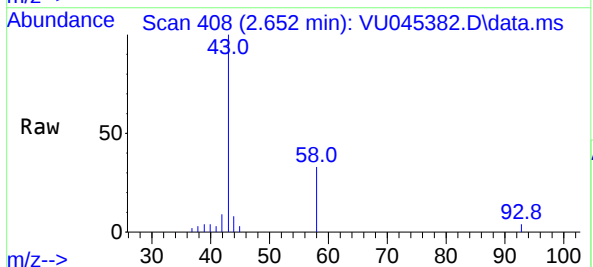
Instrument :
MSVOA_U
ClientSampled :
TH-BD

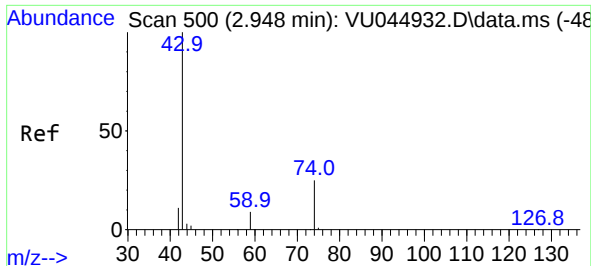
Tgt Ion:168 Resp: 214358
Ion Ratio Lower Upper
168 100
99 64.7 51.4 77.0



#16
Acetone
Concen: 8.680 ug/l
RT: 2.652 min Scan# 408
Delta R.T. 0.020 min
Lab File: VU045382.D
Acq: 25 Oct 2021 14:16

Tgt Ion: 43 Resp: 18384
Ion Ratio Lower Upper
43 100
58 33.1 25.2 37.8

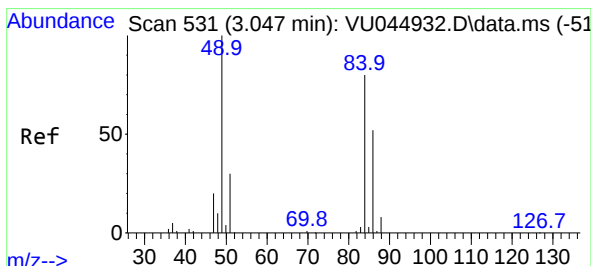
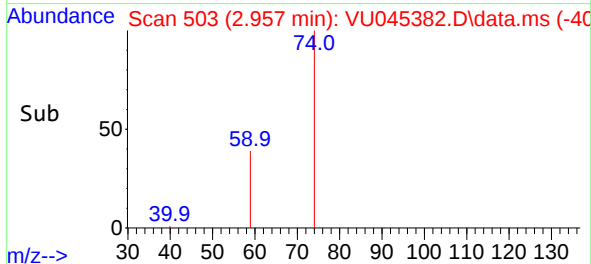
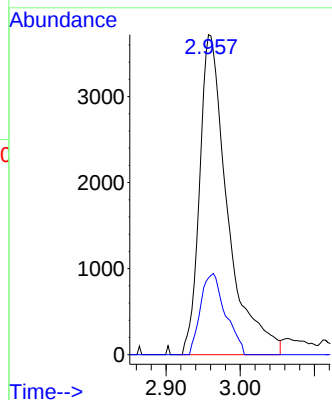
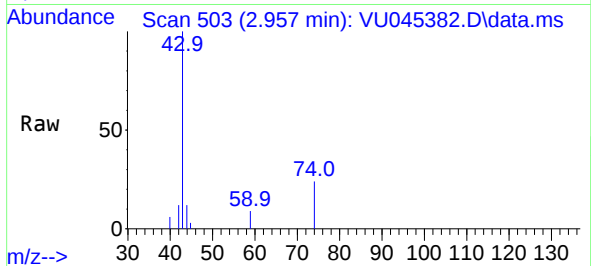




#18
Methyl Acetate
Concen: 1.573 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.009 min
Lab File: VU045382.D
Acq: 25 Oct 2021 14:16

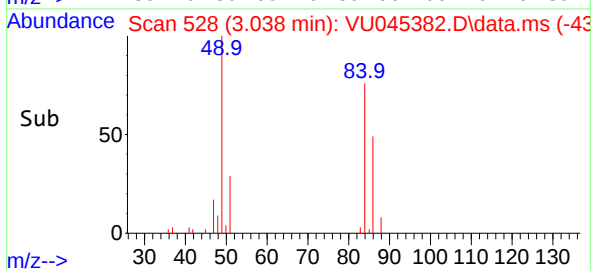
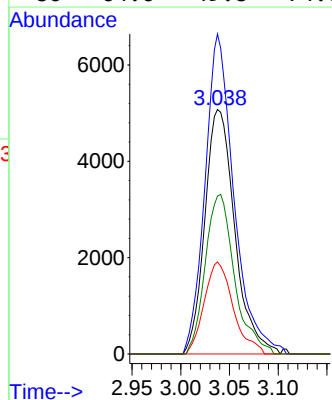
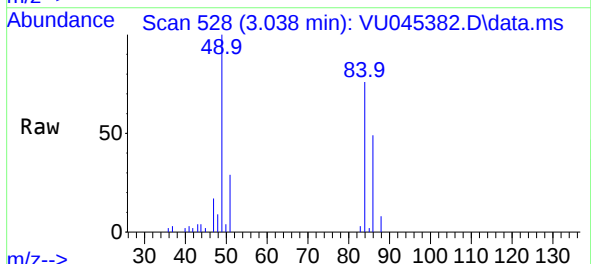
Instrument :
MSVOA_U
ClientSampled :
TH-BD

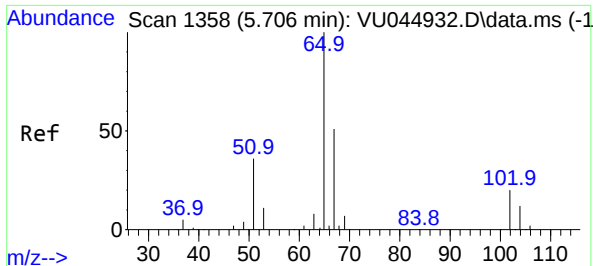
Tgt Ion: 43 Resp: 9737
Ion Ratio Lower Upper
43 100
74 22.5 19.0 28.6



#20
Methylene Chloride
Concen: 3.406 ug/l
RT: 3.038 min Scan# 528
Delta R.T. -0.009 min
Lab File: VU045382.D
Acq: 25 Oct 2021 14:16

Tgt Ion: 84 Resp: 10865
Ion Ratio Lower Upper
84 100
49 130.9 104.9 157.3
51 37.6 31.8 47.8
86 64.6 49.8 74.6



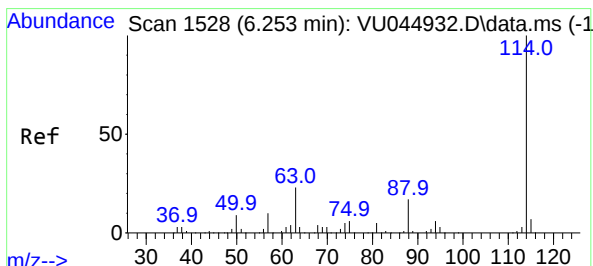
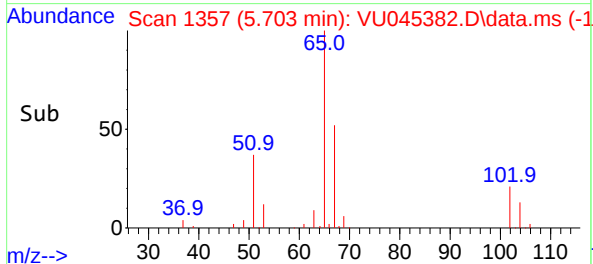
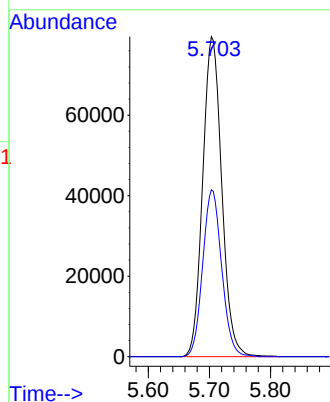
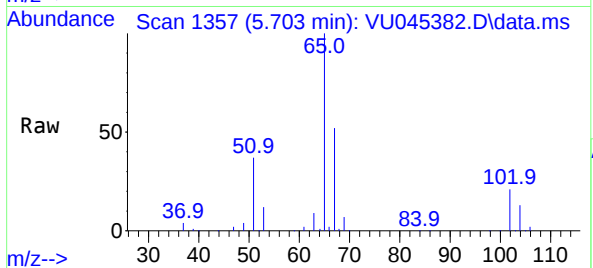


#33

1,2-Dichloroethane-d4
Concen: 48.246 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045382.D
Acq: 25 Oct 2021 14:16

Instrument :
MSVOA_U
ClientSampled :
TH-BD

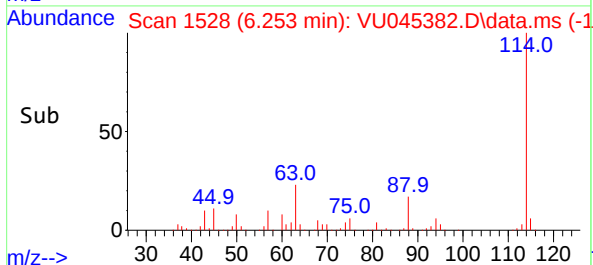
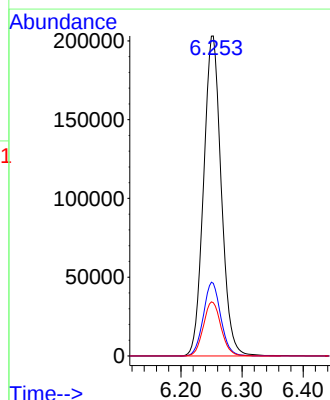
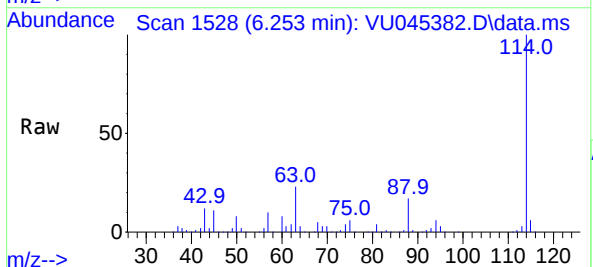
Tgt Ion: 65 Resp: 172155
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8

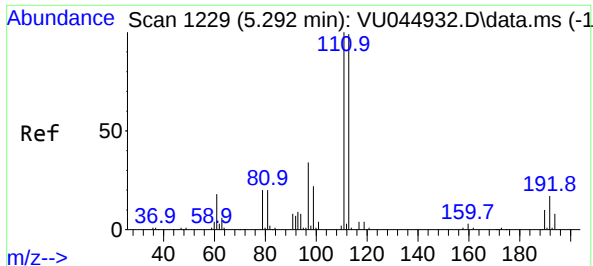


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU045382.D
Acq: 25 Oct 2021 14:16

Tgt Ion: 114 Resp: 407196
Ion Ratio Lower Upper
114 100
63 22.7 0.0 47.8
88 16.6 0.0 32.8

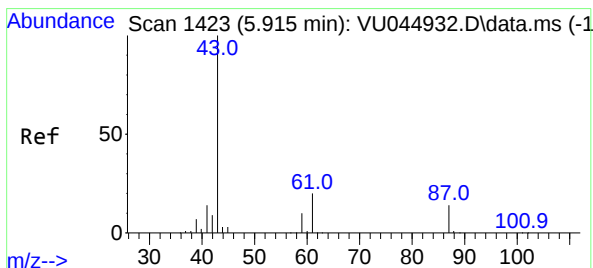
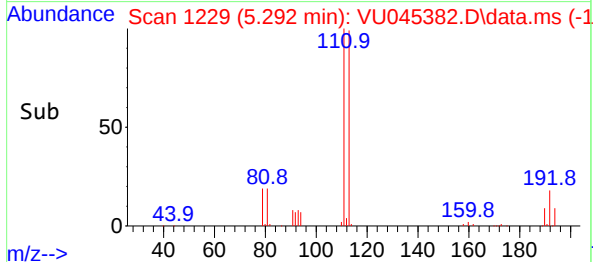
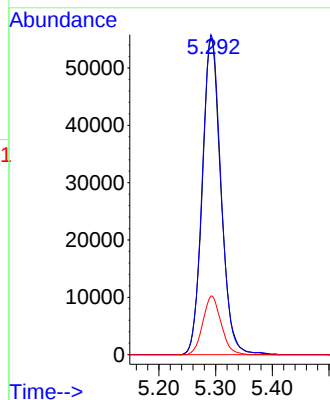
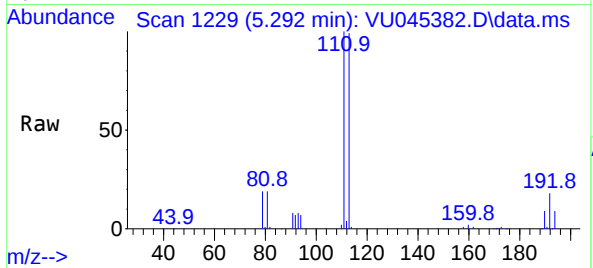




#35
Dibromofluoromethane
Concen: 48.988 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045382.D
Acq: 25 Oct 2021 14:16

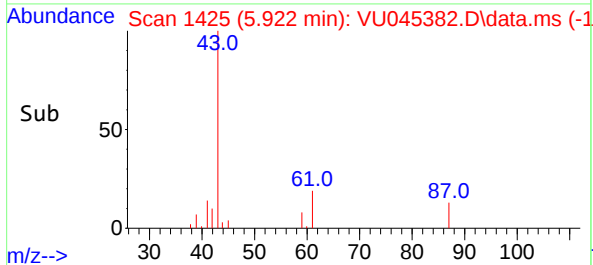
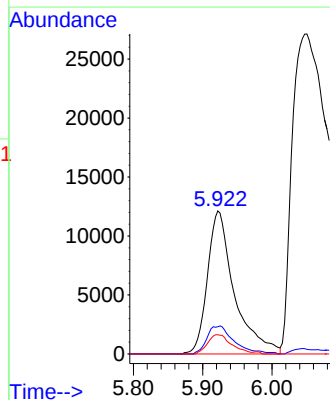
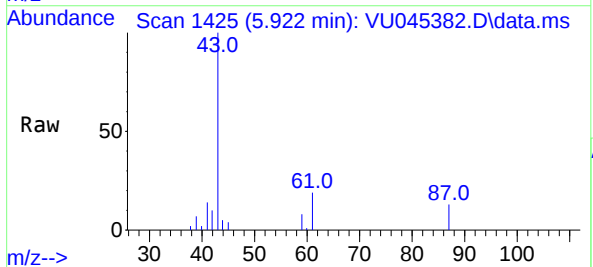
Instrument :
MSVOA_U
ClientSampleId :
TH-BD

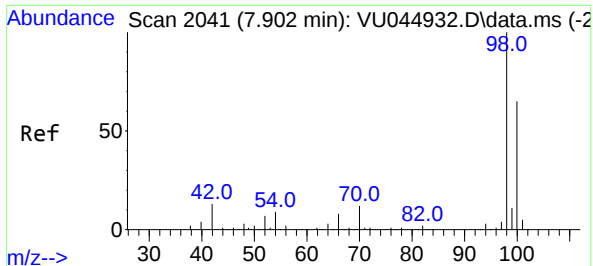
Tgt Ion:113 Resp: 125836
Ion Ratio Lower Upper
113 100
111 101.3 84.1 126.1
192 18.2 14.8 22.2



#43
Isopropyl Acetate
Concen: 3.854 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.007 min
Lab File: VU045382.D
Acq: 25 Oct 2021 14:16

Tgt Ion: 43 Resp: 32667
Ion Ratio Lower Upper
43 100
61 19.5 16.1 24.1
87 11.9 10.3 15.5

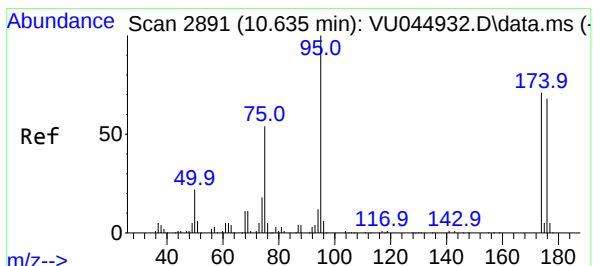
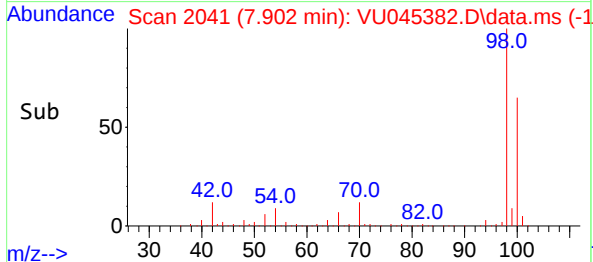
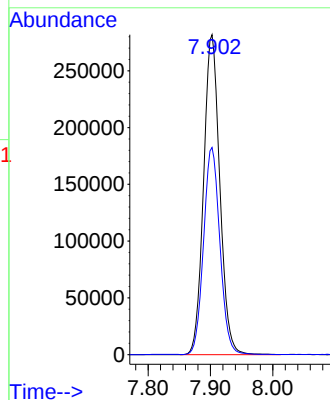
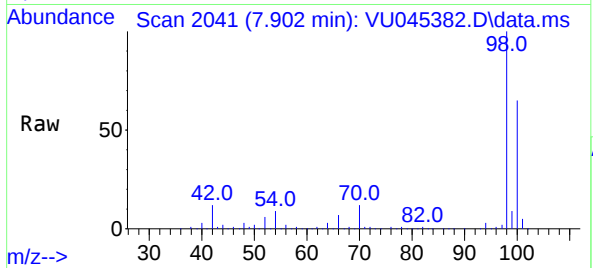




#50
Toluene-d8
Concen: 50.228 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045382.D
Acq: 25 Oct 2021 14:16

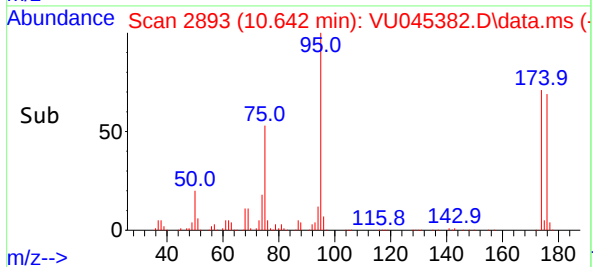
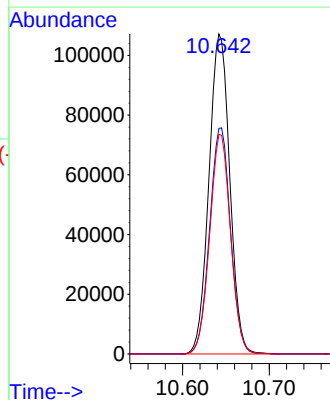
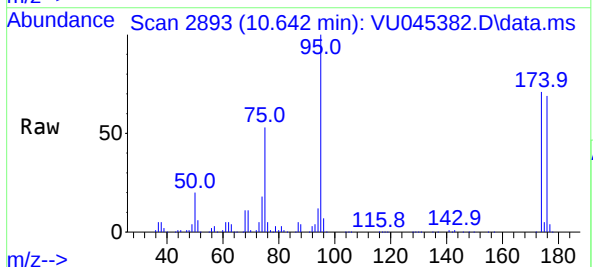
Instrument :
MSVOA_U
ClientSampled :
TH-BD

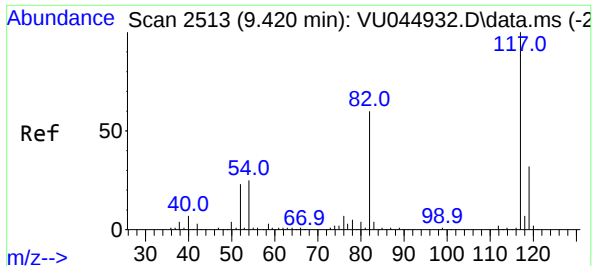
Tgt Ion: 98 Resp: 509791
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 42.693 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.007 min
Lab File: VU045382.D
Acq: 25 Oct 2021 14:16

Tgt Ion: 95 Resp: 178896
Ion Ratio Lower Upper
95 100
174 71.0 0.0 146.6
176 68.5 0.0 141.2

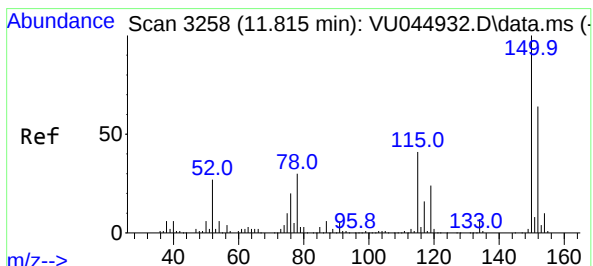
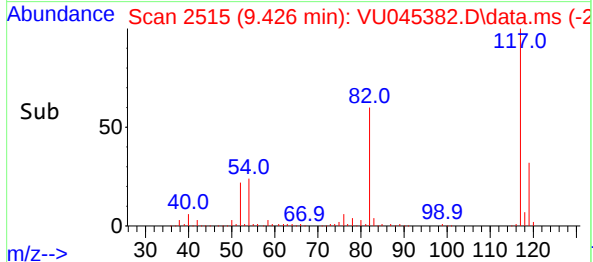
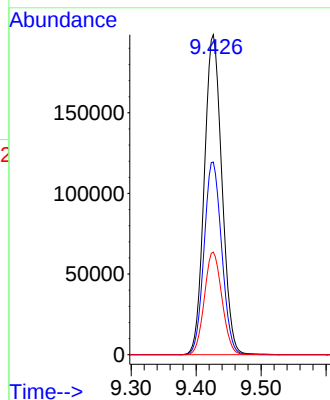
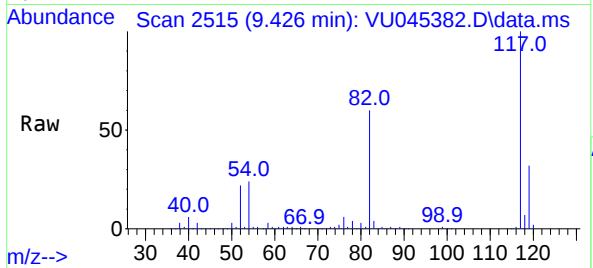




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.426 min Scan# 2515
Delta R.T. 0.006 min
Lab File: VU045382.D
Acq: 25 Oct 2021 14:16

Instrument :
MSVOA_U
ClientSampleId :
TH-BD

Tgt Ion:117 Resp: 375009
Ion Ratio Lower Upper
117 100
82 60.2 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: VU045382.D
Acq: 25 Oct 2021 14:16

Tgt Ion:152 Resp: 154804
Ion Ratio Lower Upper
152 100
115 63.0 43.5 130.7
150 158.9 0.0 350.0

