

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU044998.D
 Acq On : 29 Sep 2021 17:15
 Operator : SY/MD
 Sample : M3936-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P-1

Quant Time: Sep 30 04:32:48 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)

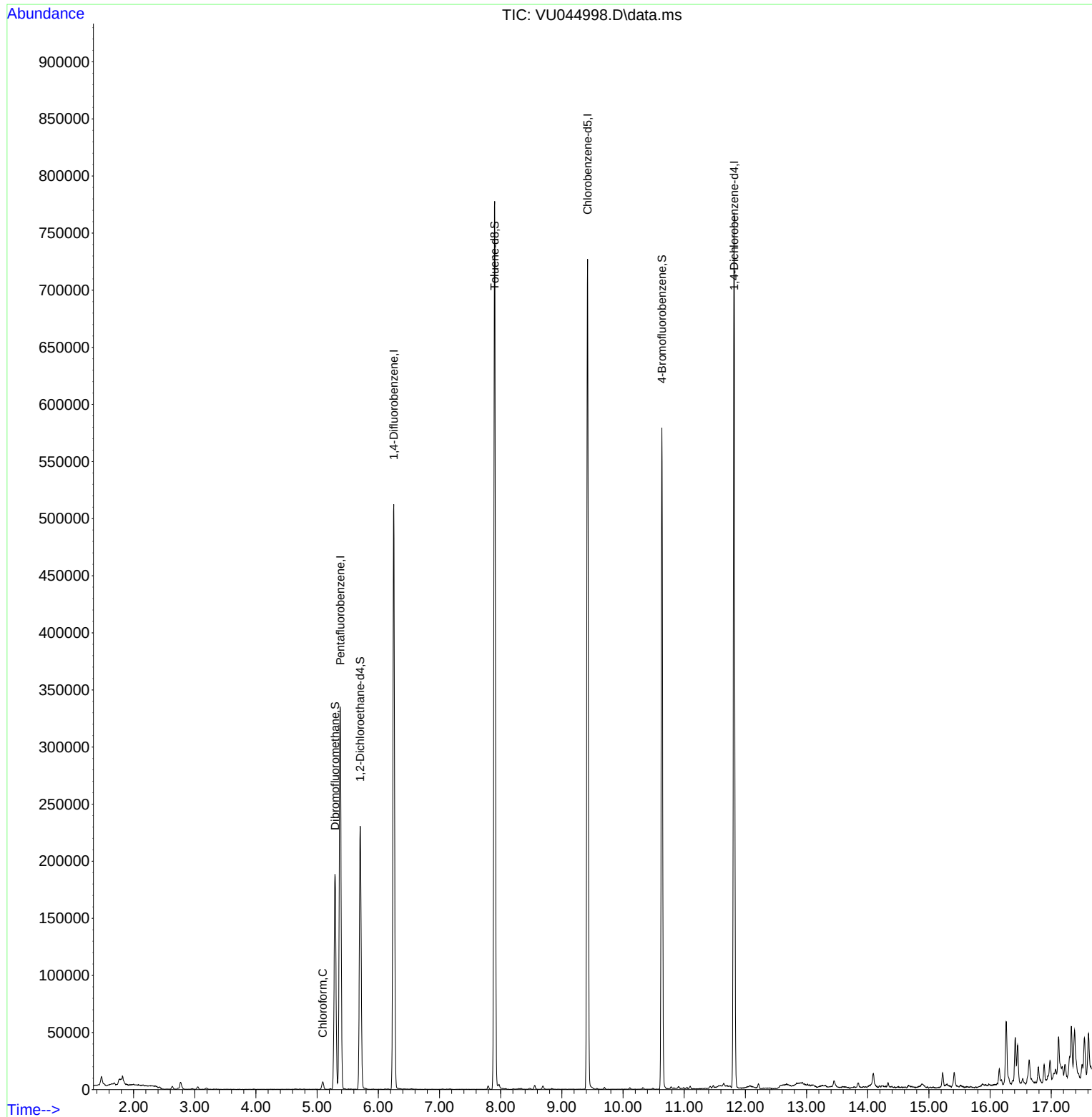
Internal Standards						
1) Pentafluorobenzene	5.379	168	219803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	393714	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	376845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	183054	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	173155	47.32	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.64%
35) Dibromofluoromethane	5.292	113	120990	48.71	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.42%
50) Toluene-d8	7.903	98	506414	51.60	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.20%
62) 4-Bromofluorobenzene	10.636	95	189891	46.87	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.74%
Target Compounds						
30) Chloroform	5.092	83	5754	1.01	ug/l	Qvalue 97

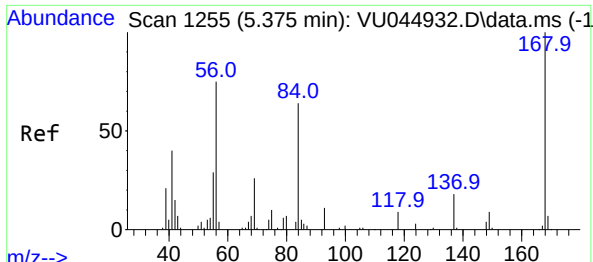
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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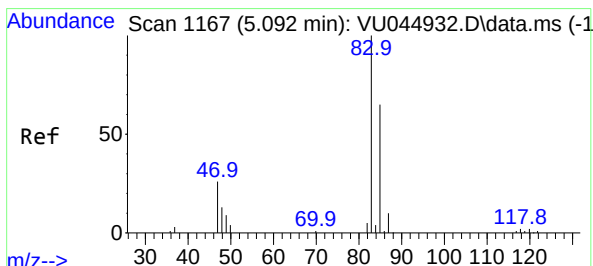
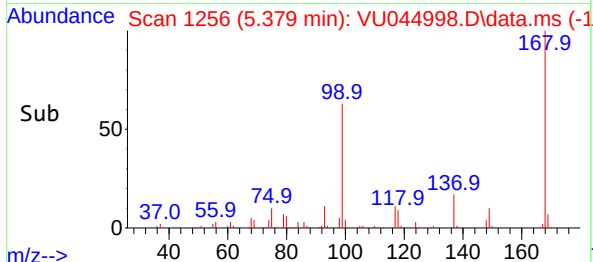
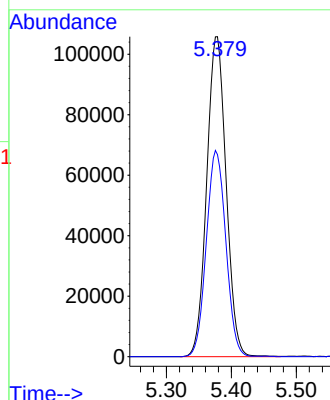
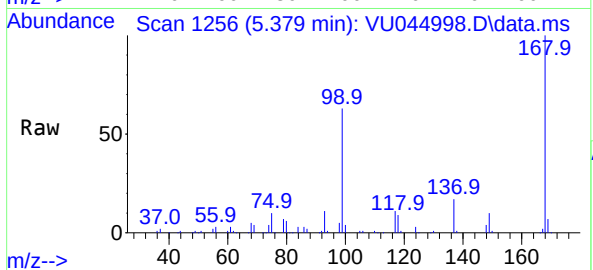




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. 0.004 min
Lab File: VU044998.D
Acq: 29 Sep 2021 17:15

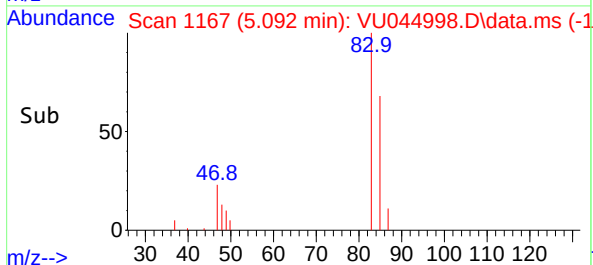
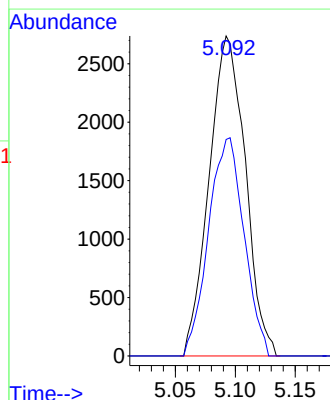
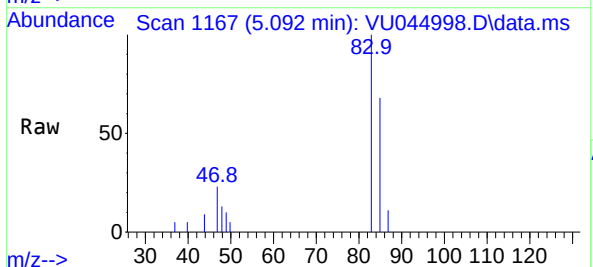
Instrument :
MSVOA_U
ClientSampled :
P-1

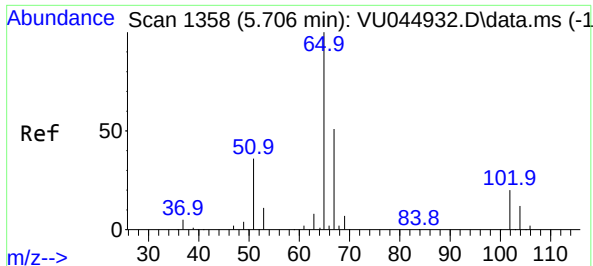
Tgt Ion:168 Resp: 219803
Ion Ratio Lower Upper
168 100
99 63.2 51.4 77.0



#30
Chloroform
Concen: 1.01 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU044998.D
Acq: 29 Sep 2021 17:15

Tgt Ion: 83 Resp: 5754
Ion Ratio Lower Upper
83 100
85 67.7 52.1 78.1



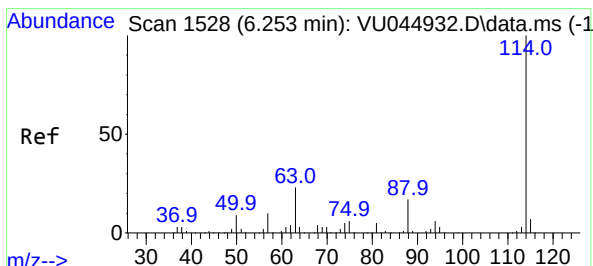
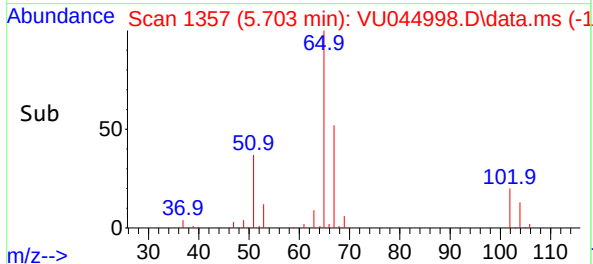
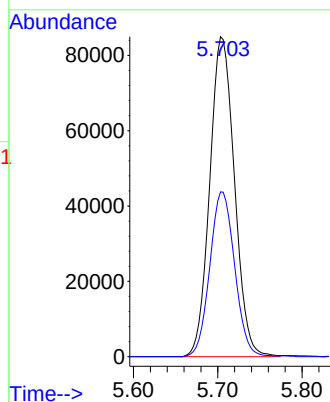
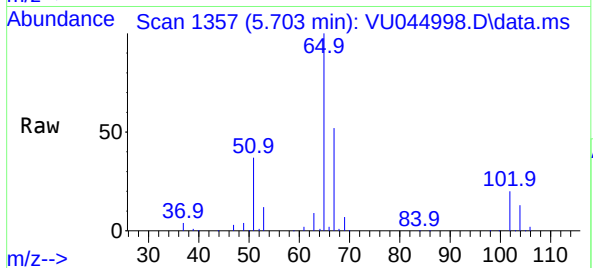


#33

1,2-Dichloroethane-d4
Concen: 47.32 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU044998.D
Acq: 29 Sep 2021 17:15

Instrument :
MSVOA_U
ClientSampled :
P-1

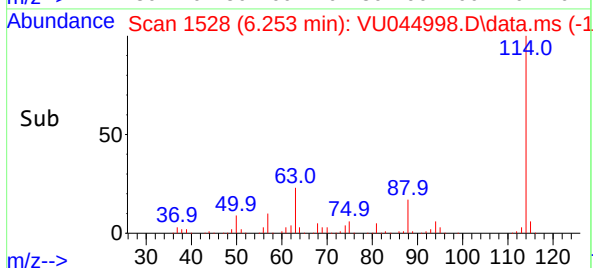
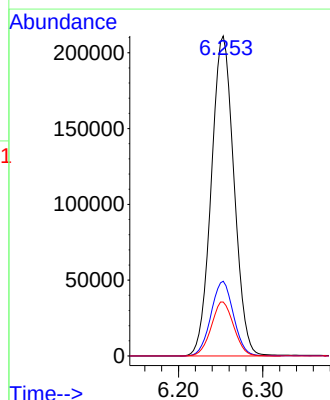
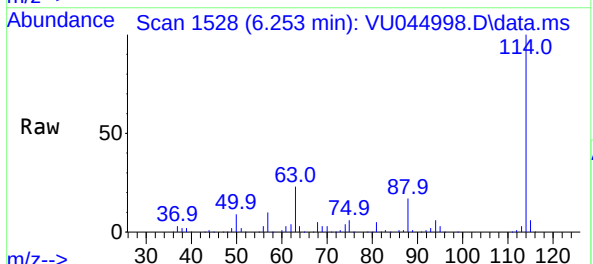
Tgt Ion: 65 Resp: 173155
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8

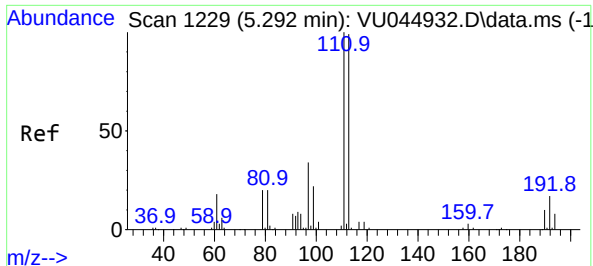


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU044998.D
Acq: 29 Sep 2021 17:15

Tgt Ion: 114 Resp: 393714
Ion Ratio Lower Upper
114 100
63 23.3 0.0 47.8
88 16.8 0.0 32.8

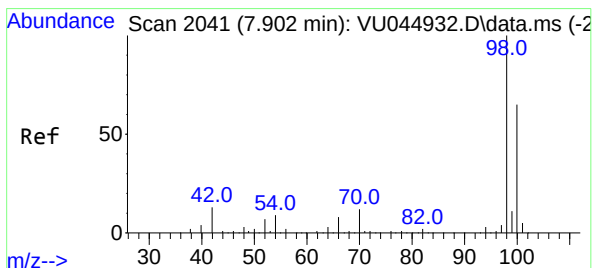
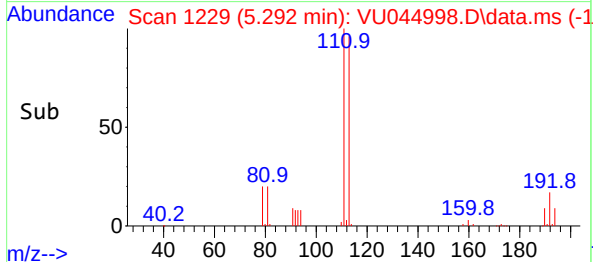
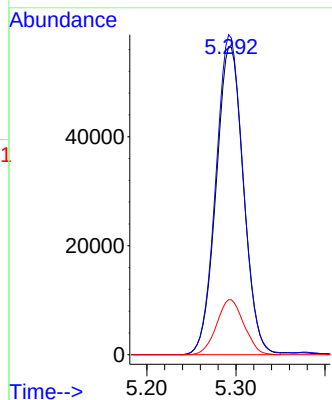
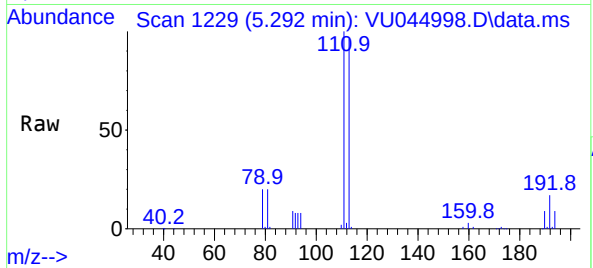




#35
Dibromofluoromethane
Concen: 48.71 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU044998.D
Acq: 29 Sep 2021 17:15

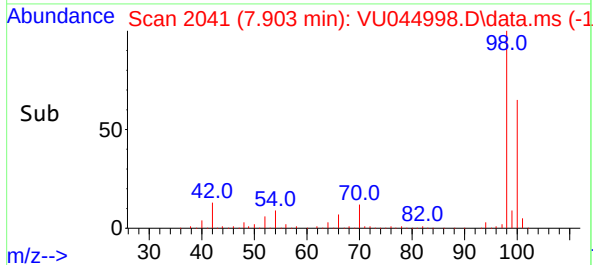
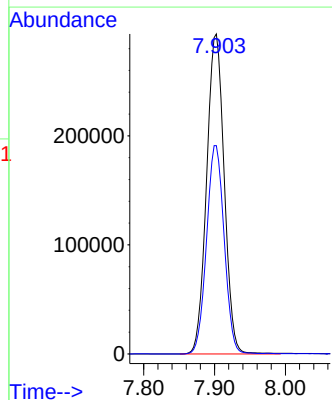
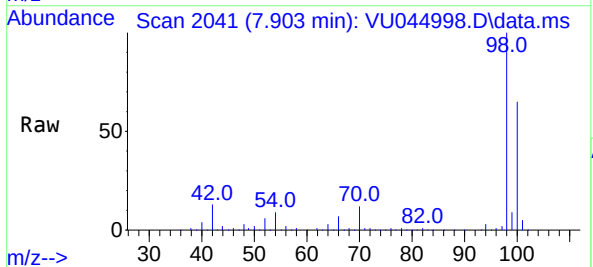
Instrument :
MSVOA_U
ClientSampled :
P-1

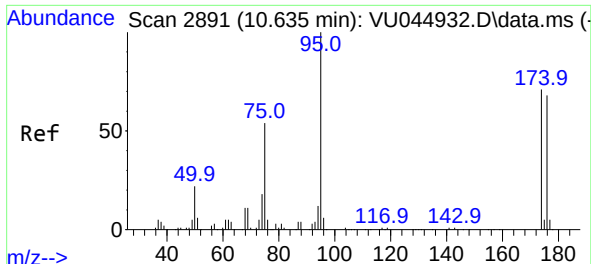
Tgt Ion:113 Resp: 120990
Ion Ratio Lower Upper
113 100
111 103.3 84.1 126.1
192 17.8 14.8 22.2



#50
Toluene-d8
Concen: 51.60 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.001 min
Lab File: VU044998.D
Acq: 29 Sep 2021 17:15

Tgt Ion: 98 Resp: 506414
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7

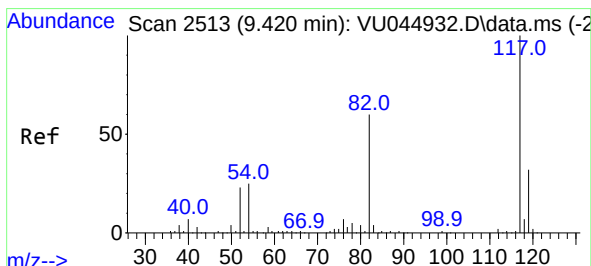
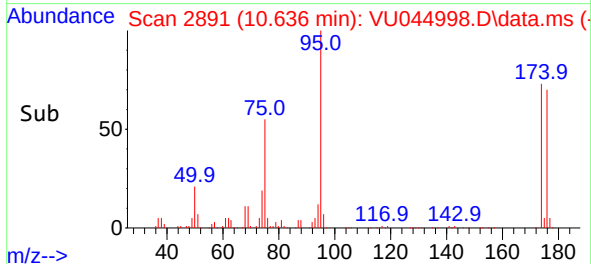
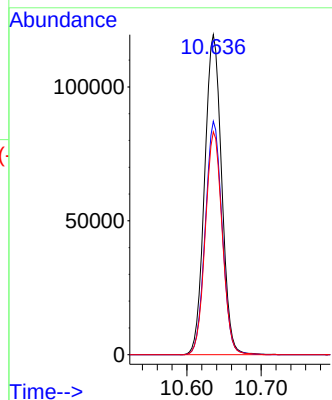
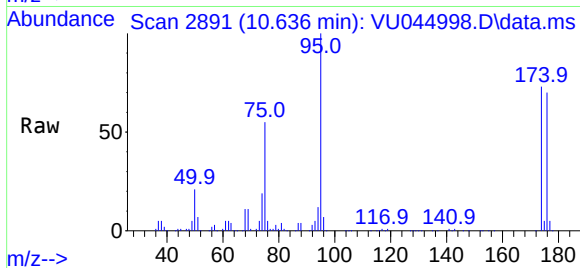




#62
4-Bromofluorobenzene
Concen: 46.87 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU044998.D
Acq: 29 Sep 2021 17:15

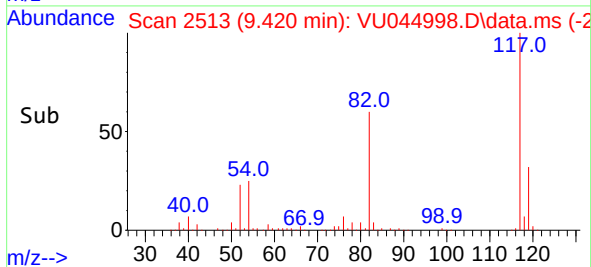
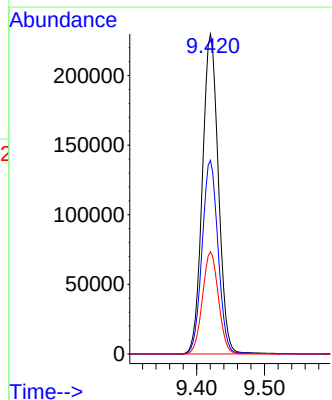
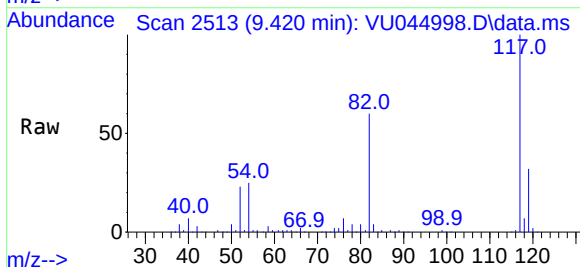
Instrument :
MSVOA_U
ClientSampleId :
P-1

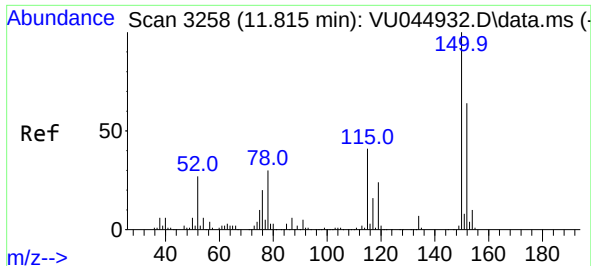
Tgt Ion: 95 Resp: 189891
Ion Ratio Lower Upper
95 100
174 72.1 0.0 146.6
176 69.2 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044998.D
Acq: 29 Sep 2021 17:15

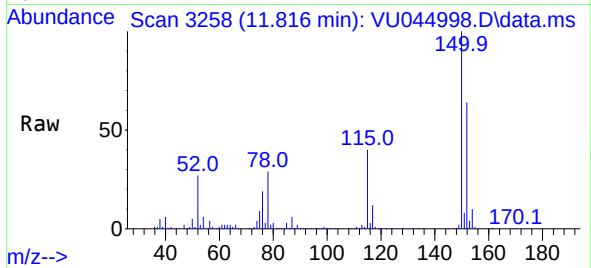
Tgt Ion: 117 Resp: 376845
Ion Ratio Lower Upper
117 100
82 60.5 47.8 71.8
119 31.9 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.001 min
 Lab File: VU044998.D
 Acq: 29 Sep 2021 17:15

Instrument :
 MSVOA_U
 ClientSampleId :
 P-1



Tgt Ion:152 Resp: 183054
 Ion Ratio Lower Upper
 152 100
 115 61.7 43.5 130.7
 150 155.8 0.0 350.0

