

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
 Data File : VU045057.D
 Acq On : 30 Sep 2021 19:11
 Operator : SY/MD
 Sample : M3966-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-01-092721

Quant Time: Oct 01 05:41:38 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)

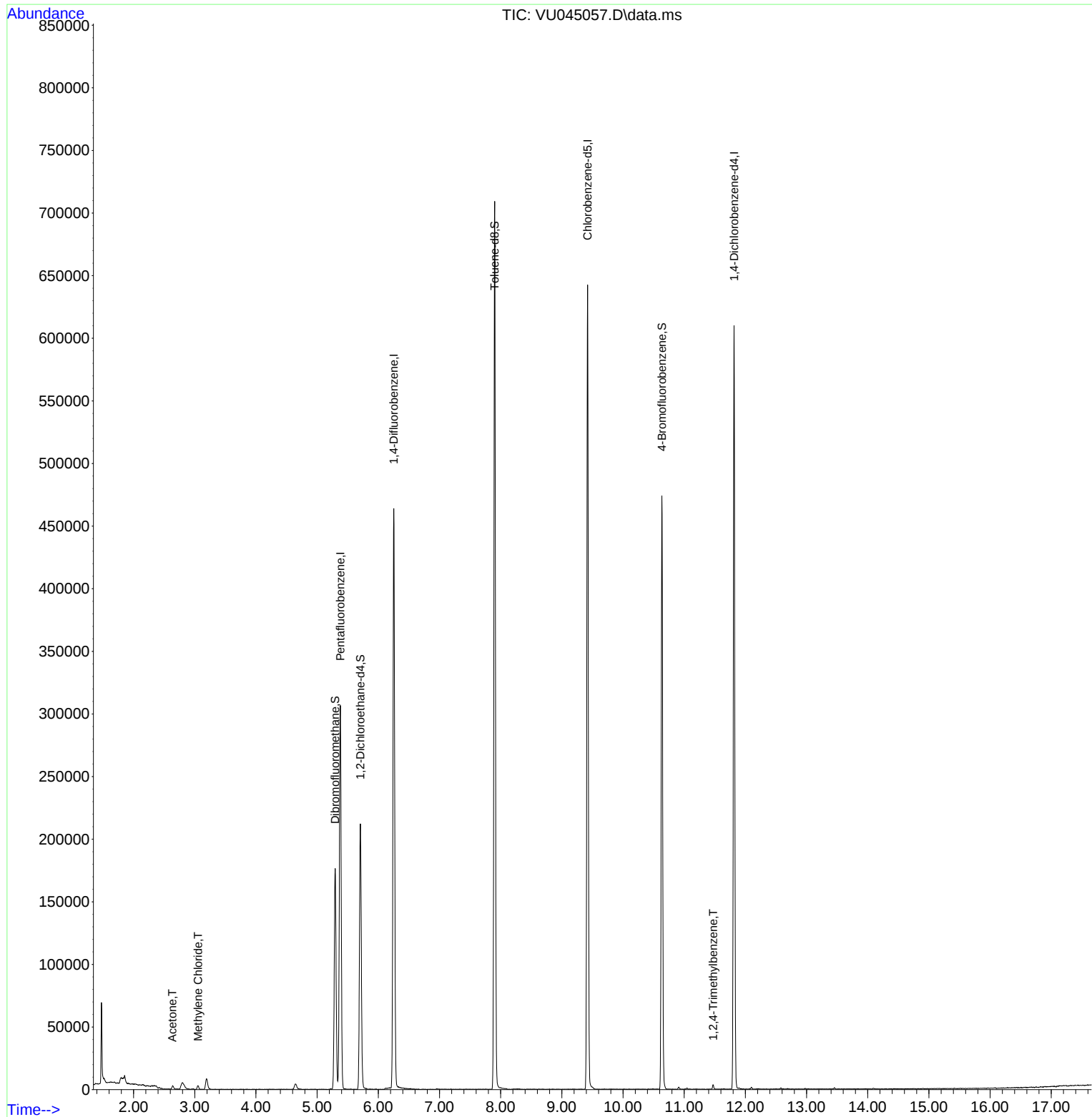
Internal Standards						
1) Pentafluorobenzene	5.379	168	199666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	360660	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	332639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	146981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	161541	48.603	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.200%
35) Dibromofluoromethane	5.295	113	112775	49.568	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.140%
50) Toluene-d8	7.903	98	454687	50.580	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.160%
62) 4-Bromofluorobenzene	10.636	95	159477	42.970	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.940%
Target Compounds						
					Qvalue	
16) Acetone	2.636	43	3790	1.921	ug/l	95
20) Methylene Chloride	3.054	84	1524	0.513	ug/l	91
84) 1,2,4-Trimethylbenzene	11.475	105	2576	0.272	ug/l	85

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

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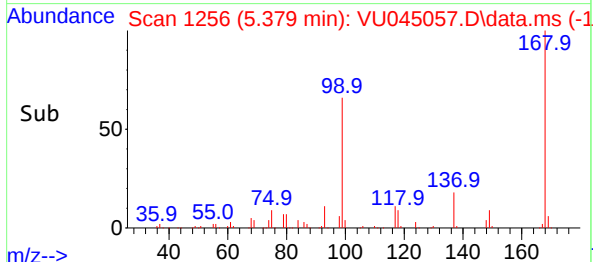
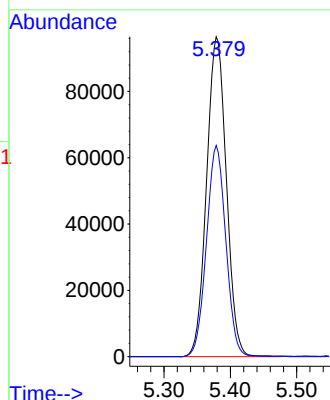
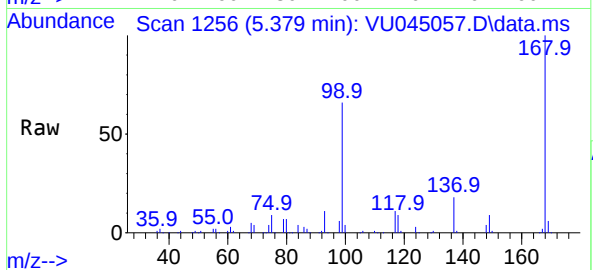




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. 0.004 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

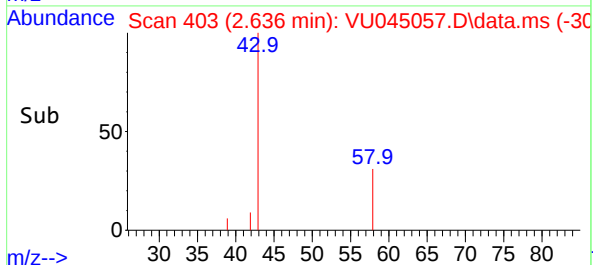
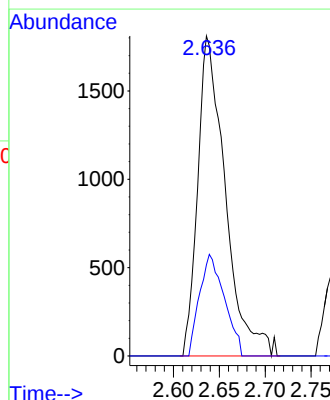
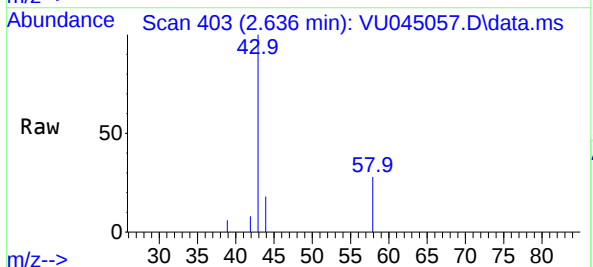
Instrument :
MSVOA_U
ClientSampleId :
TB-01-092721

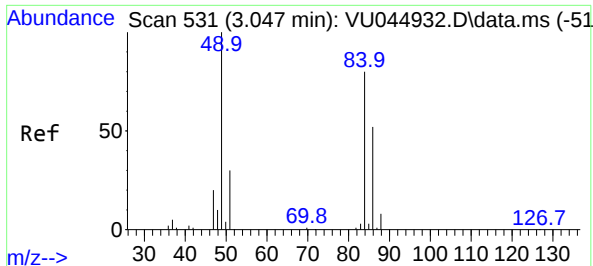
Tgt Ion:168 Resp: 199666
Ion Ratio Lower Upper
168 100
99 66.0 51.4 77.0



#16
Acetone
Concen: 1.921 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.004 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

Tgt Ion: 43 Resp: 3790
Ion Ratio Lower Upper
43 100
58 28.5 25.2 37.8



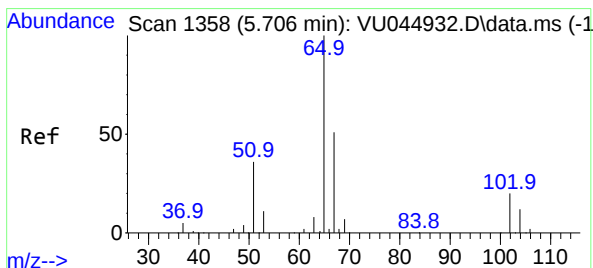
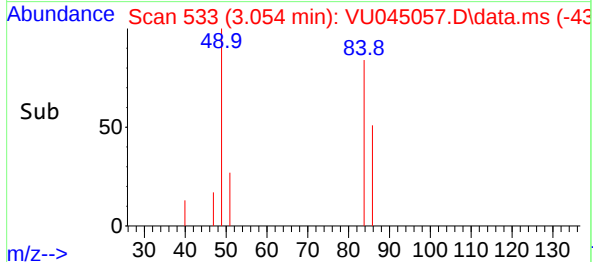
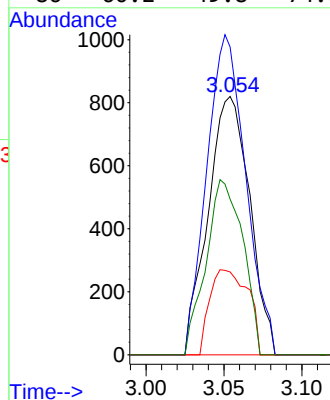
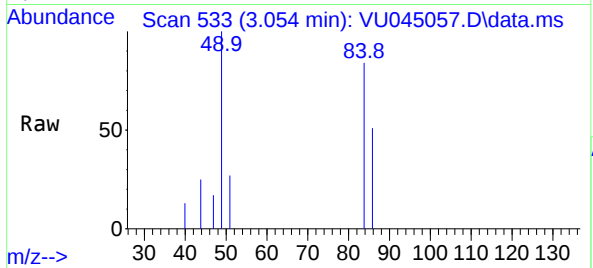


#20
Methylene Chloride
Concen: 0.513 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.007 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

Instrument :
MSVOA_U
ClientSampleId :
TB-01-092721

Tgt Ion: 84 Resp: 1524

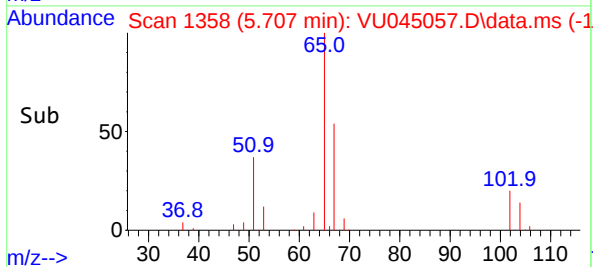
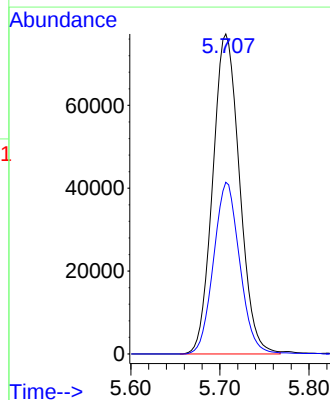
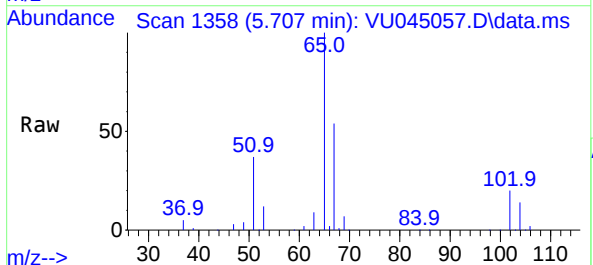
Ion	Ratio	Lower	Upper
84	100		
49	119.1	104.9	157.3
51	32.1	31.8	47.8
86	60.2	49.8	74.6

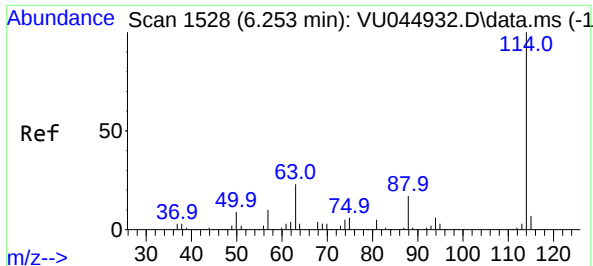


#33
1,2-Dichloroethane-d4
Concen: 48.603 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

Tgt Ion: 65 Resp: 161541

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	104.8



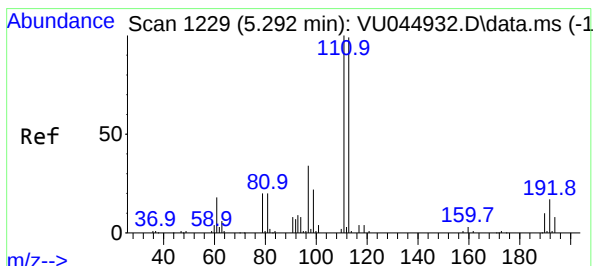
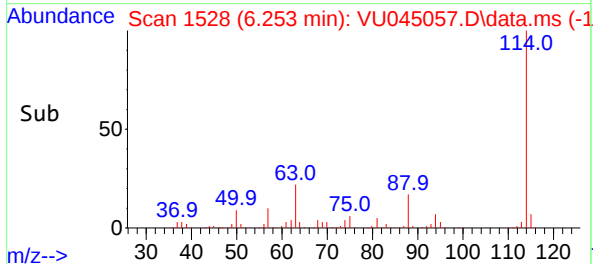
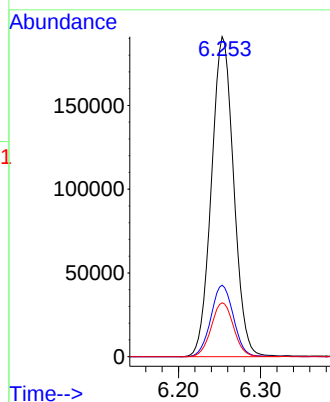
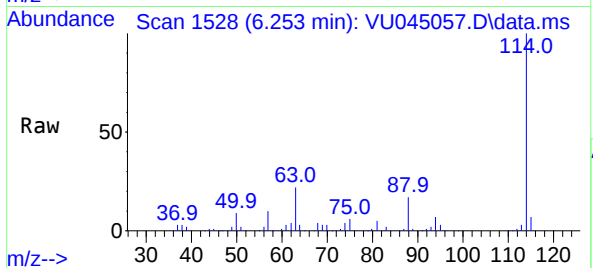


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

Instrument :
MSVOA_U
ClientSampleId :
TB-01-092721

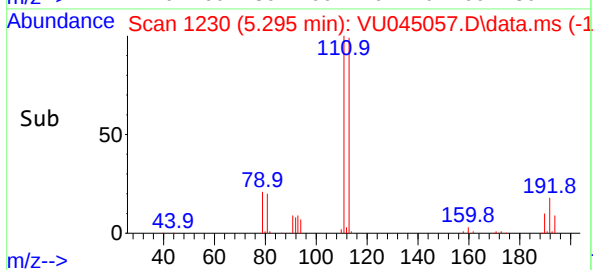
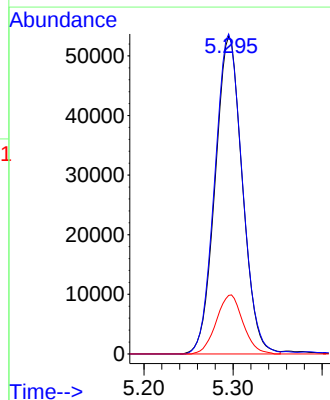
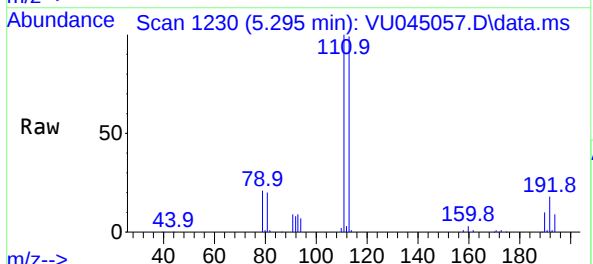
Tgt Ion:114 Resp: 360660
Ion Ratio Lower Upper
114 100
63 22.3 0.0 47.8
88 16.8 0.0 32.8

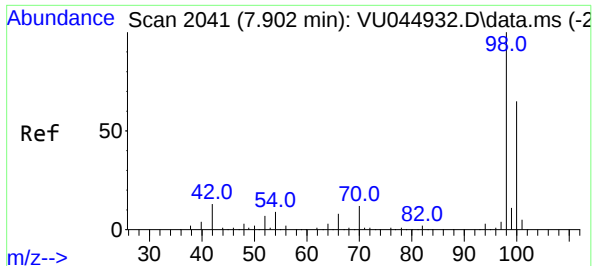


#35

Dibromofluoromethane
Concen: 49.568 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. 0.003 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

Tgt Ion:113 Resp: 112775
Ion Ratio Lower Upper
113 100
111 102.0 84.1 126.1
192 18.3 14.8 22.2

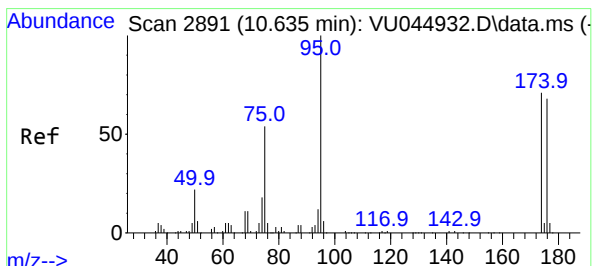
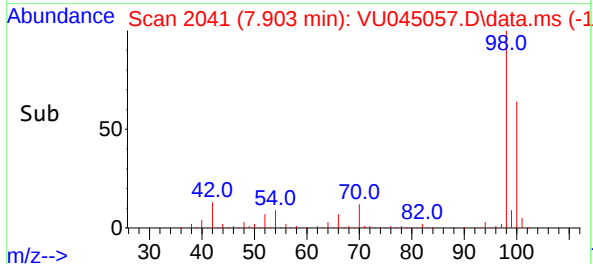
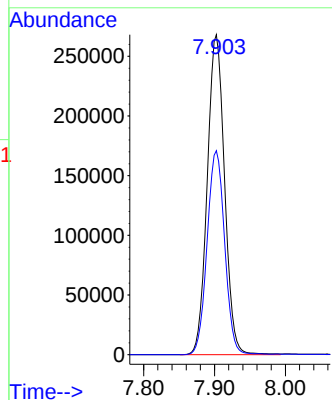
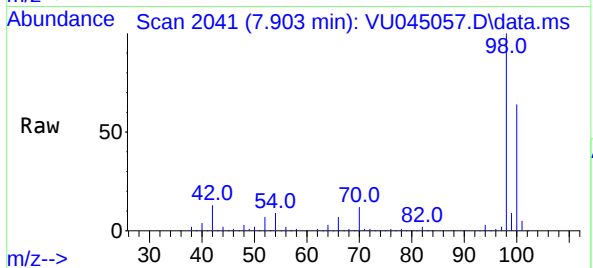




#50
Toluene-d8
Concen: 50.580 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.001 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

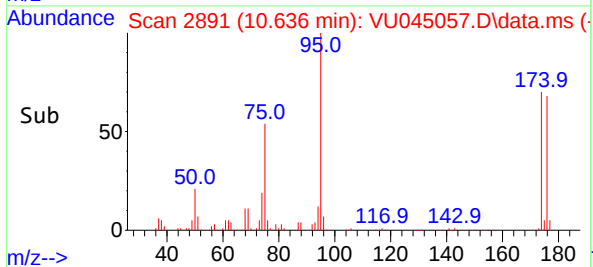
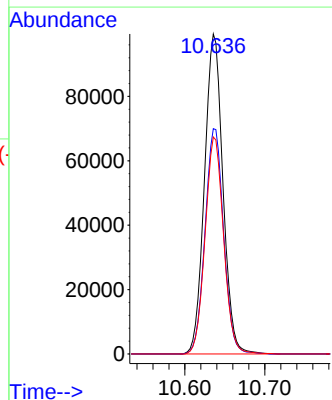
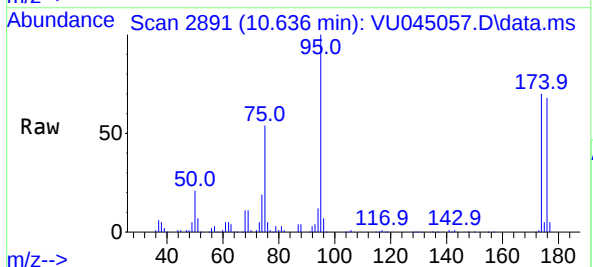
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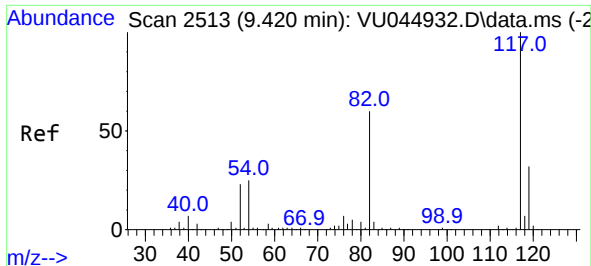
Tgt Ion: 98 Resp: 454687
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 42.970 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

Tgt Ion: 95 Resp: 159477
Ion Ratio Lower Upper
95 100
174 71.0 0.0 146.6
176 67.9 0.0 141.2

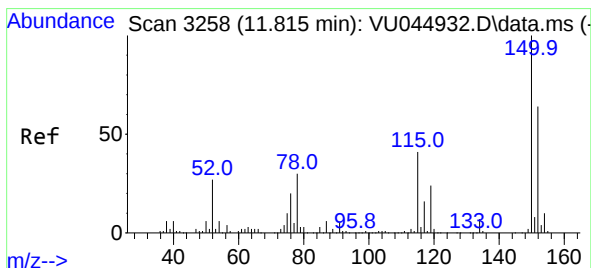
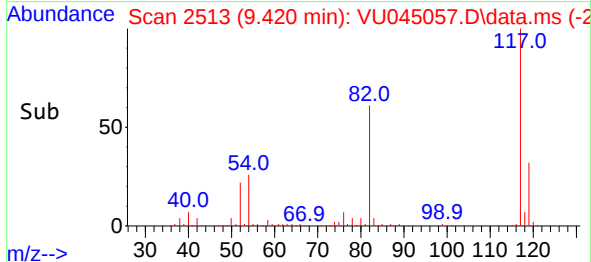
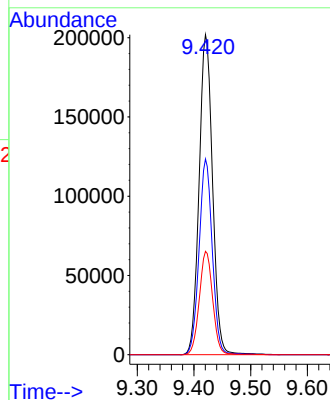
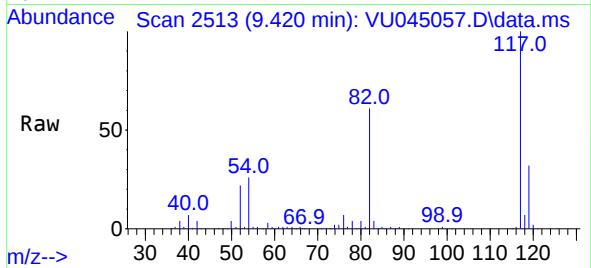




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

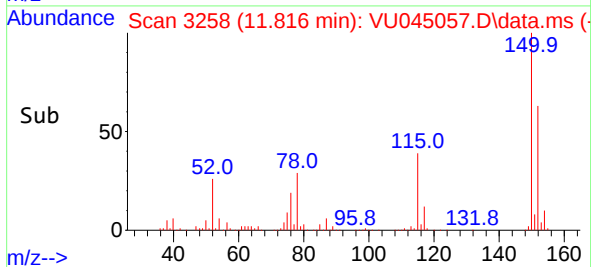
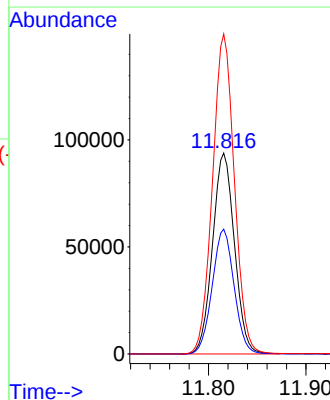
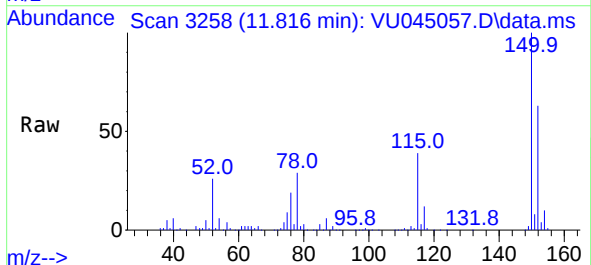
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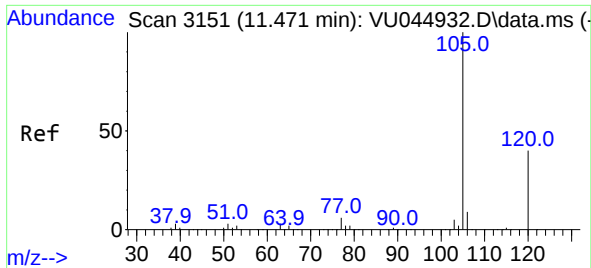
Tgt Ion:117 Resp: 332639
Ion Ratio Lower Upper
117 100
82 61.2 47.8 71.8
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

Tgt Ion:152 Resp: 146981
Ion Ratio Lower Upper
152 100
115 62.0 43.5 130.7
150 158.7 0.0 350.0





#84
1,2,4-Trimethylbenzene
Concen: 0.272 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.004 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

Instrument :
MSVOA_U
ClientSampleId :
TB-01-092721

Tgt Ion:105 Resp: 2576
Ion Ratio Lower Upper
105 100
120 35.4 22.4 67.3

