

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044942.D
 Acq On : 28 Sep 2021 15:32
 Operator : SY/MD
 Sample : M3954-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P287-DITCH

Quant Time: Sep 28 15:55:11 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)

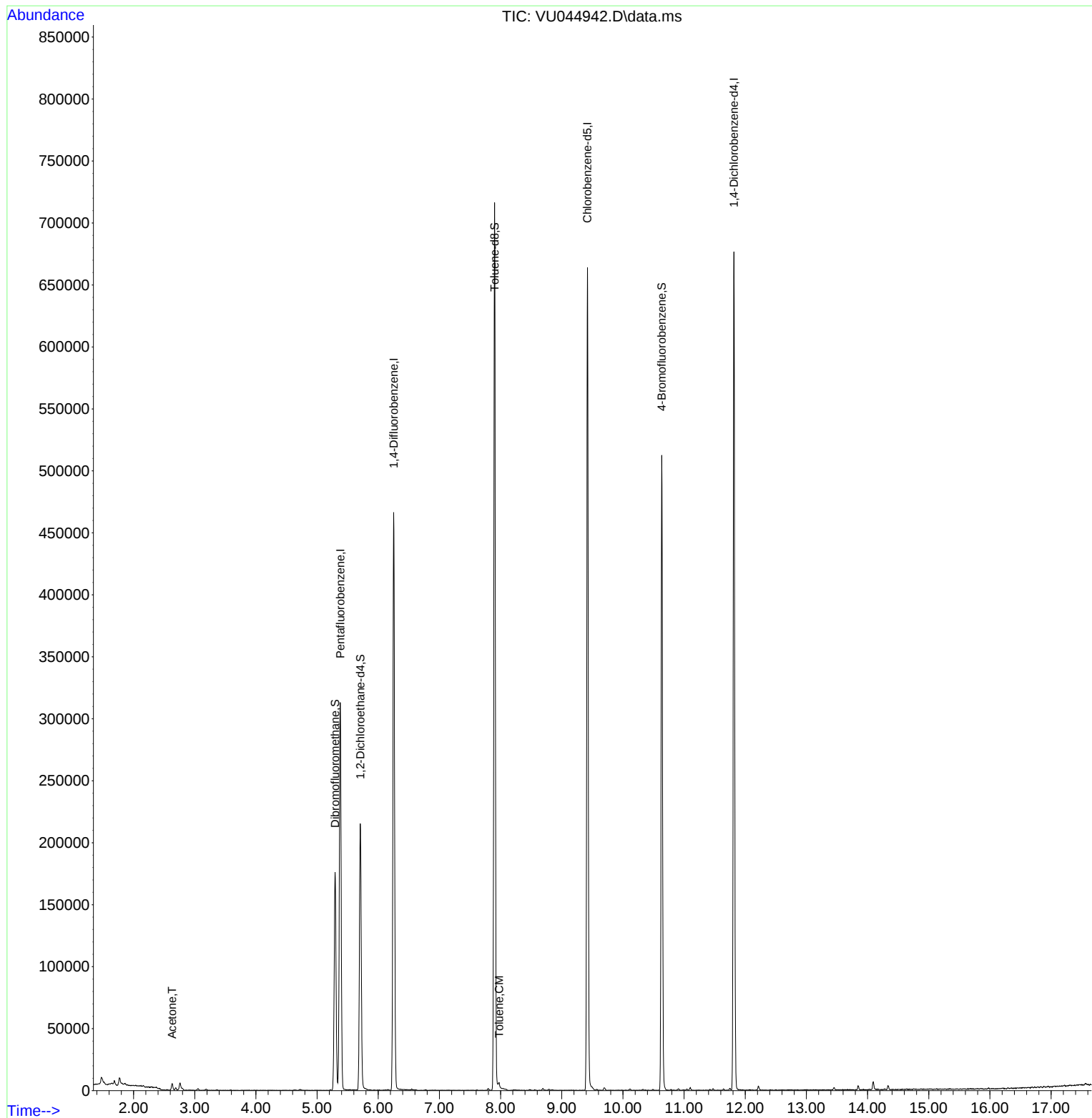
Internal Standards						
1) Pentafluorobenzene	5.379	168	203611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	360947	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	342169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	164673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	163913	48.361	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.720%
35) Dibromofluoromethane	5.295	113	113315	49.766	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.540%
50) Toluene-d8	7.903	98	460505	51.186	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.380%
62) 4-Bromofluorobenzene	10.636	95	169099	45.526	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.060%
Target Compounds						
					Qvalue	
16) Acetone	2.629	43	6342	3.152	ug/l	98
52) Toluene	7.976	92	1703	0.242	ug/l	99

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

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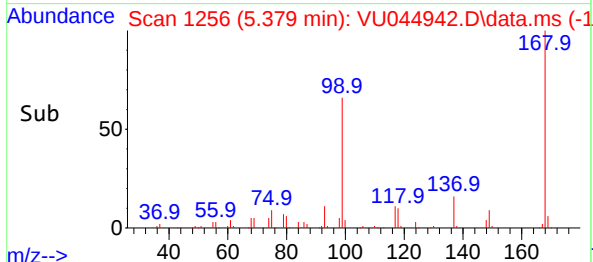
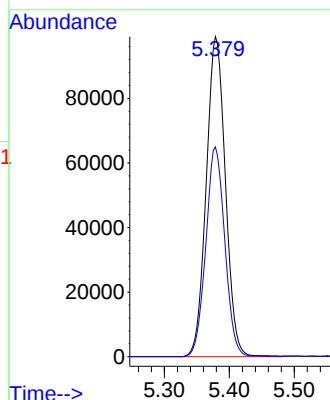
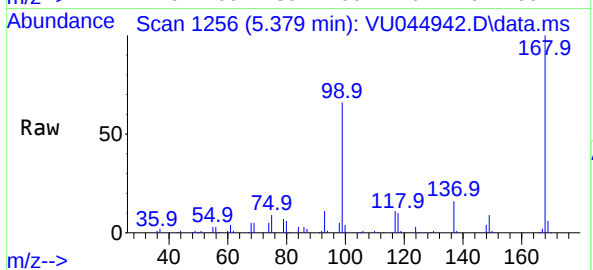




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU044942.D
Acq: 28 Sep 2021 15:32

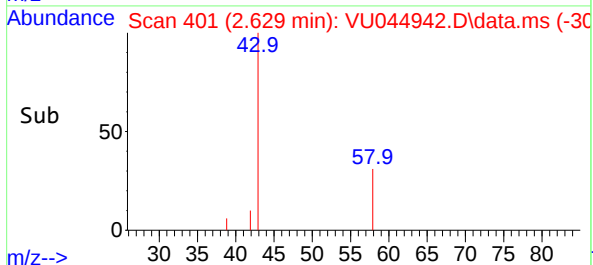
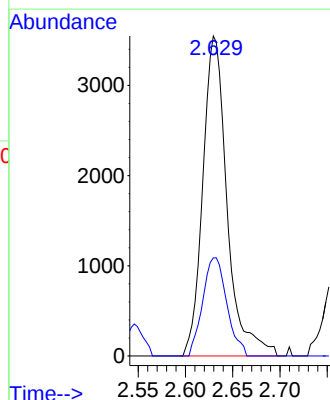
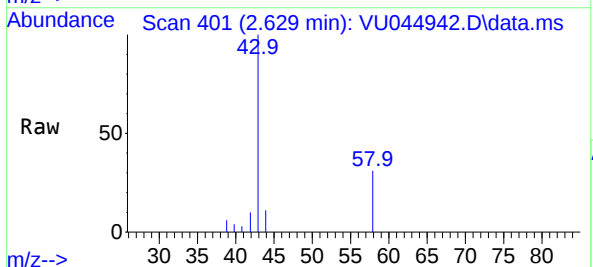
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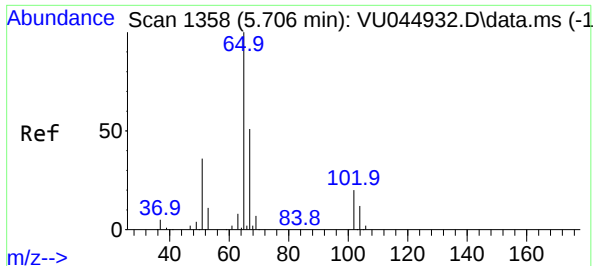
Tgt Ion:168 Resp: 203611
Ion Ratio Lower Upper
168 100
99 65.5 51.4 77.0



#16
Acetone
Concen: 3.152 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU044942.D
Acq: 28 Sep 2021 15:32

Tgt Ion: 43 Resp: 6342
Ion Ratio Lower Upper
43 100
58 30.6 25.2 37.8

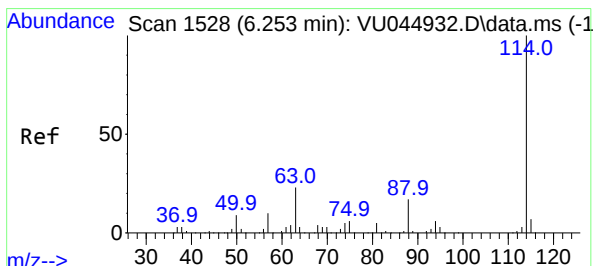
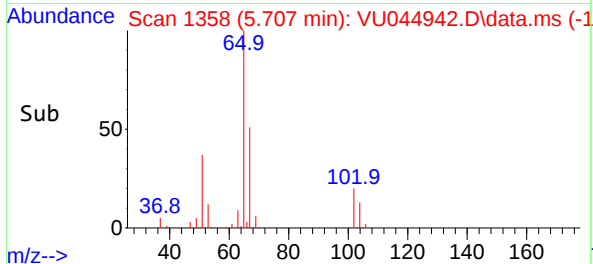
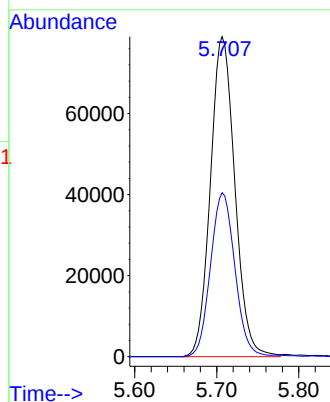
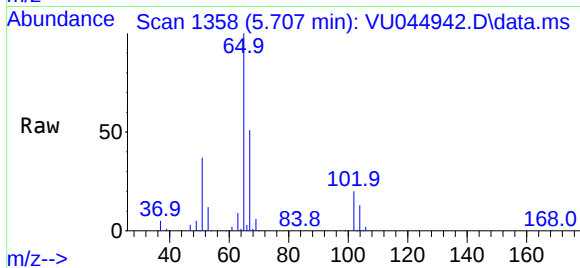




#33
1,2-Dichloroethane-d4
Concen: 48.361 ug/l
RT: 5.707 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU044942.D
Acq: 28 Sep 2021 15:32

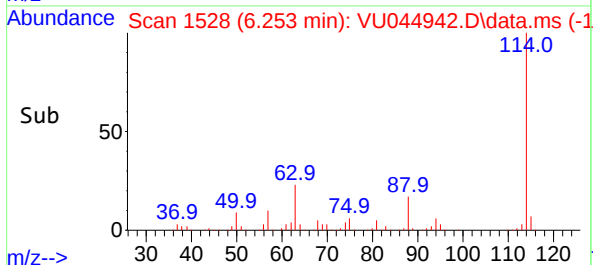
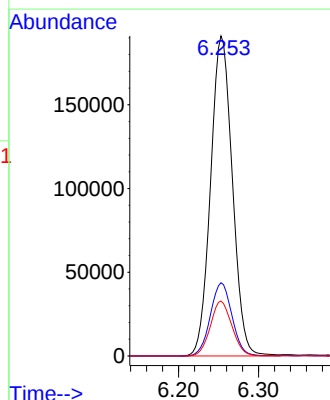
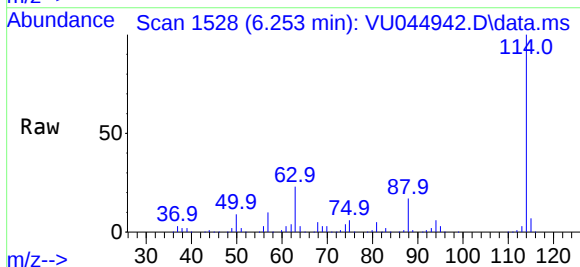
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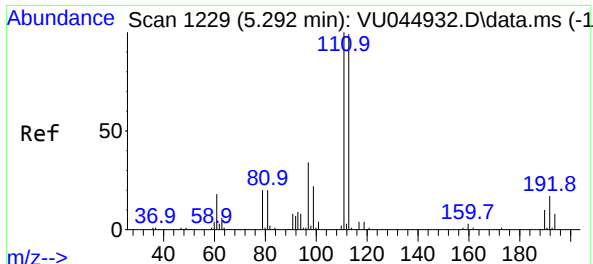
Tgt Ion: 65 Resp: 163913
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU044942.D
Acq: 28 Sep 2021 15:32

Tgt Ion: 114 Resp: 360947
Ion Ratio Lower Upper
114 100
63 22.9 0.0 47.8
88 17.2 0.0 32.8

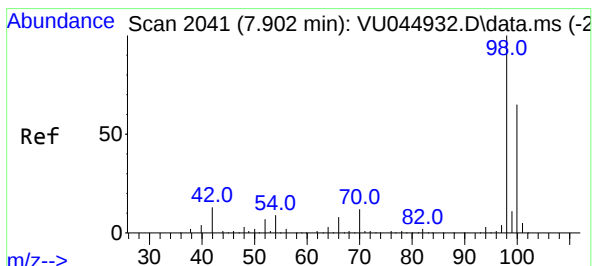
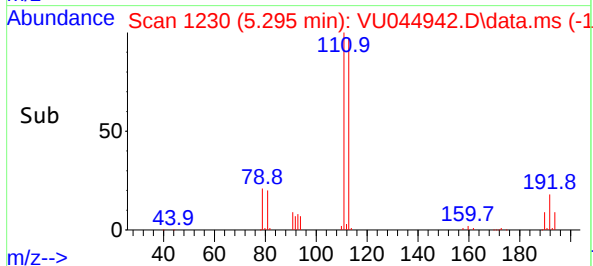
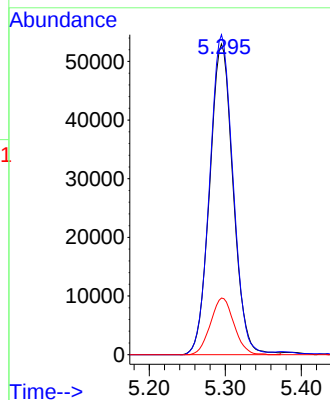
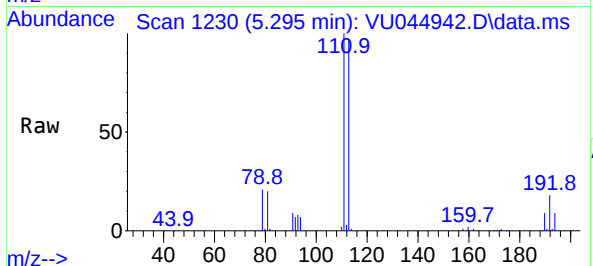




#35
 Dibromofluoromethane
 Concen: 49.766 ug/l
 RT: 5.295 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VU044942.D
 Acq: 28 Sep 2021 15:32

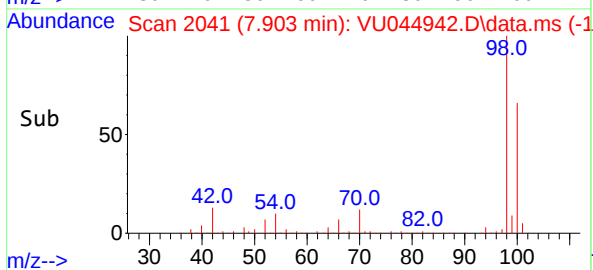
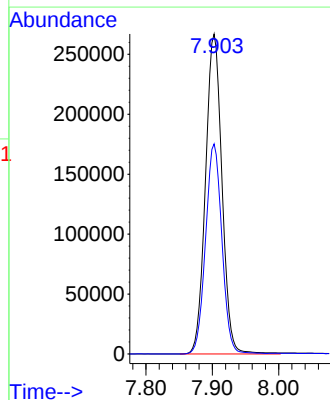
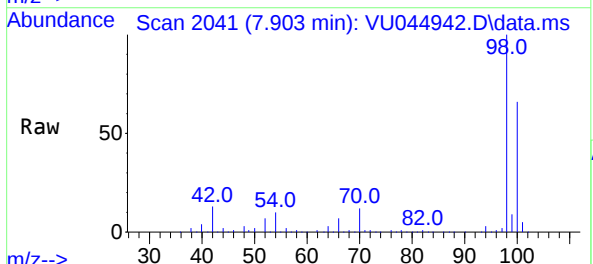
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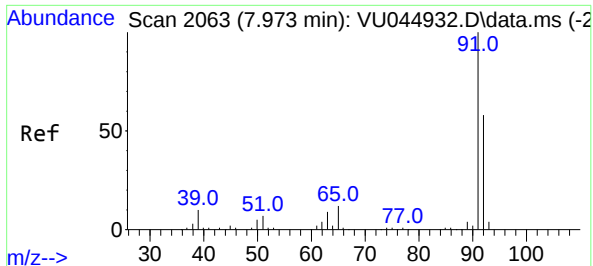
Tgt Ion:113 Resp: 113315
 Ion Ratio Lower Upper
 113 100
 111 102.2 84.1 126.1
 192 18.3 14.8 22.2



#50
 Toluene-d8
 Concen: 51.186 ug/l
 RT: 7.903 min Scan# 2041
 Delta R.T. 0.001 min
 Lab File: VU044942.D
 Acq: 28 Sep 2021 15:32

Tgt Ion: 98 Resp: 460505
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.5 78.7

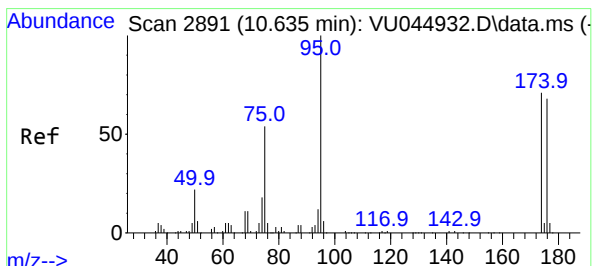
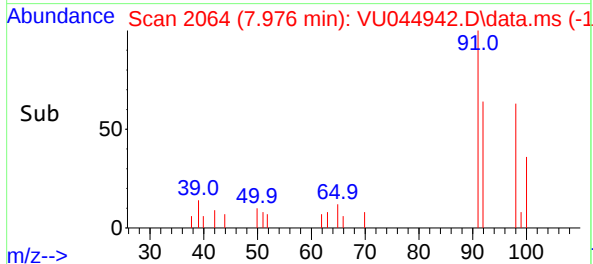
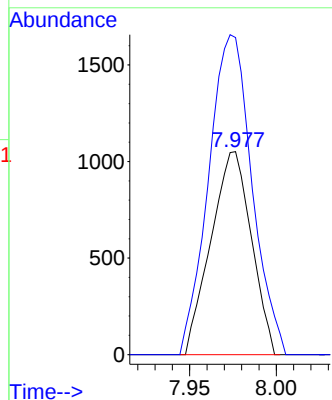
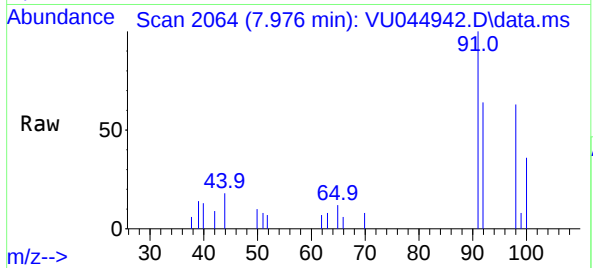




#52
Toluene
Concen: 0.242 ug/l
RT: 7.976 min Scan# 2063
Delta R.T. 0.003 min
Lab File: VU044942.D
Acq: 28 Sep 2021 15:32

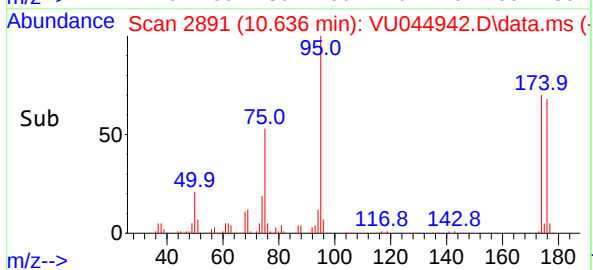
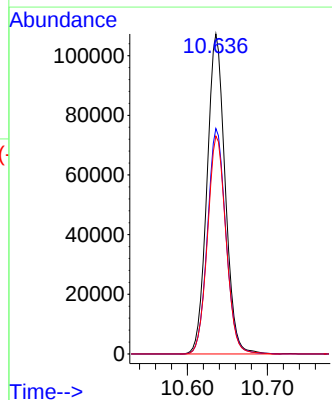
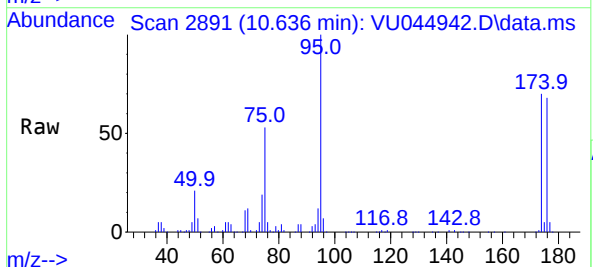
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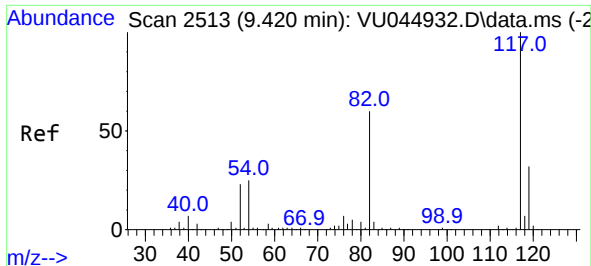
Tgt Ion: 92 Resp: 1703
Ion Ratio Lower Upper
92 100
91 169.5 136.9 205.3



#62
4-Bromofluorobenzene
Concen: 45.526 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU044942.D
Acq: 28 Sep 2021 15:32

Tgt Ion: 95 Resp: 169099
Ion Ratio Lower Upper
95 100
174 71.3 0.0 146.6
176 69.2 0.0 141.2

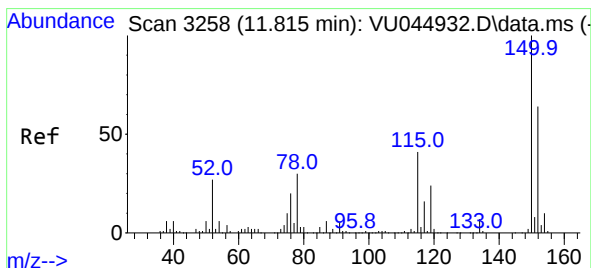
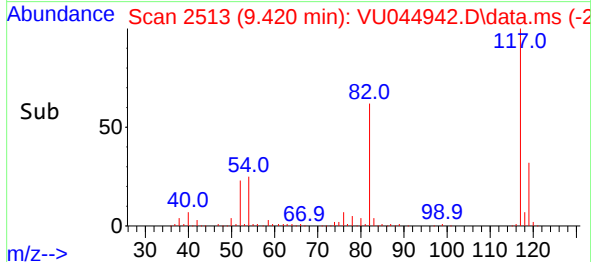
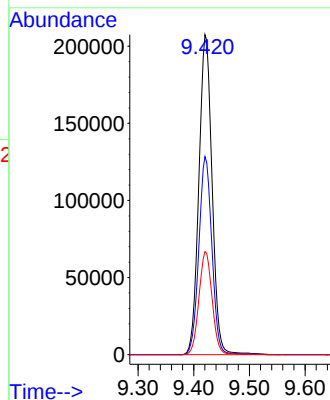
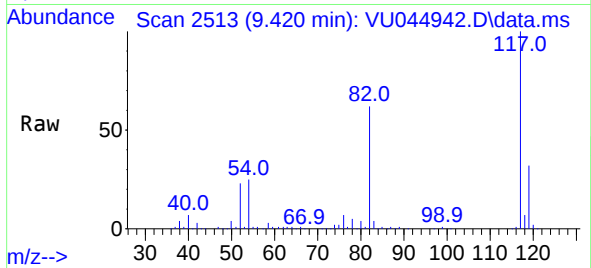




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044942.D
Acq: 28 Sep 2021 15:32

Instrument :
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ClientSampleId :
P287-DITCH

Tgt Ion:117 Resp: 342169
Ion Ratio Lower Upper
117 100
82 61.9 47.8 71.8
119 32.2 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: VU044942.D
Acq: 28 Sep 2021 15:32

Tgt Ion:152 Resp: 164673
Ion Ratio Lower Upper
152 100
115 61.2 43.5 130.7
150 158.6 0.0 350.0

