

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
 Data File : VU042936.D
 Acq On : 05 Apr 2021 17:20
 Operator : SY/MD
 Sample : M1903-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 31029

Quant Time: Apr 06 01:21:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

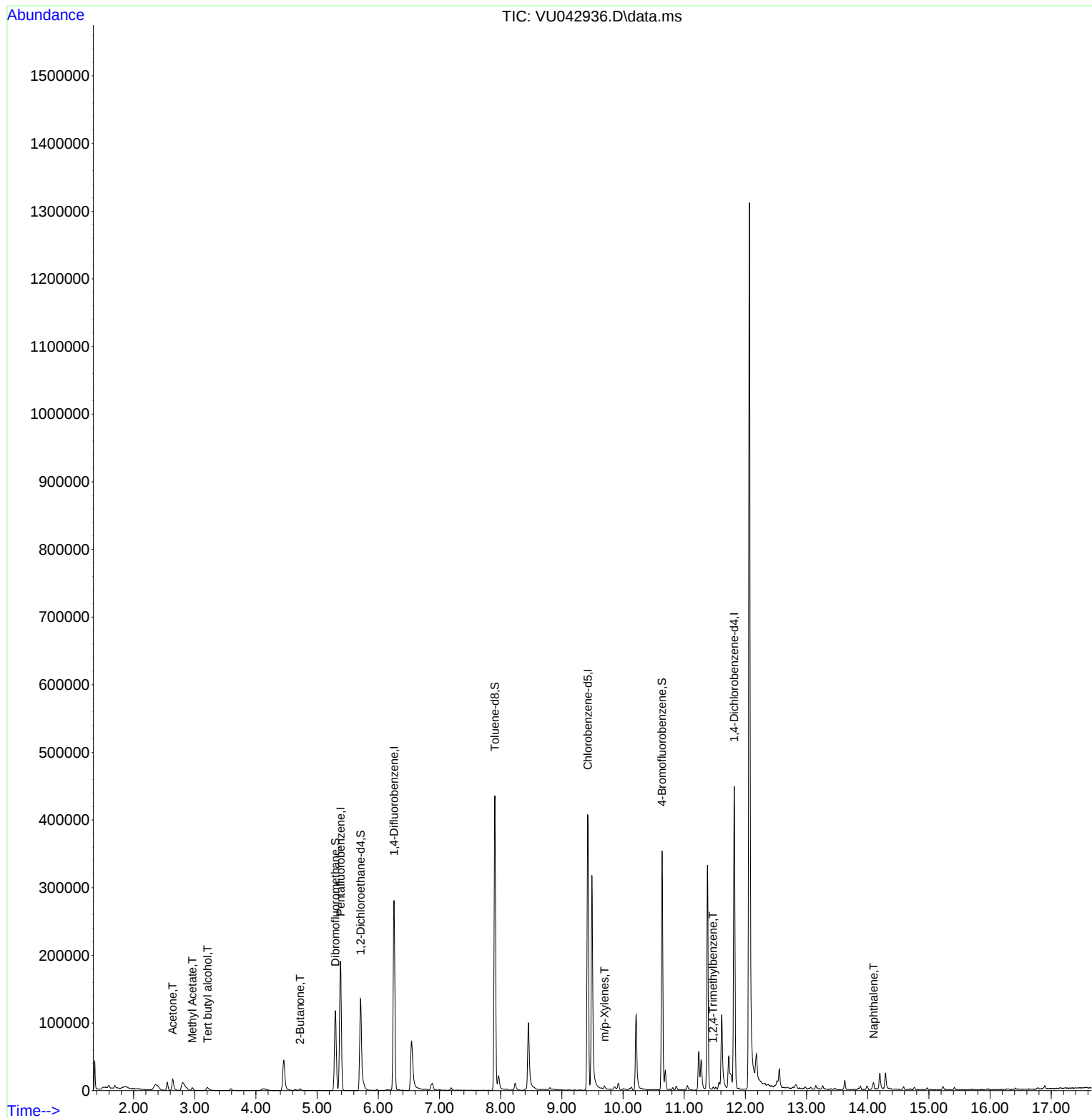
Internal Standards						
1) Pentafluorobenzene	5.382	168	131872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	213037	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	201379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	109204	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	104521	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
35) Dibromofluoromethane	5.298	113	72085	45.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.68%	
50) Toluene-d8	7.906	98	266275	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
62) 4-Bromofluorobenzene	10.639	95	103144	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.212	59	7562	16.83	ug/l #	88
16) Acetone	2.639	43	21751	7.35	ug/l	100
18) Methyl Acetate	2.961	43	4928	2.05	ug/l	100
25) 2-Butanone	4.723	43	4486	2.62	ug/l	95
68) m/p-Xylenes	9.697	106	1059	0.39	ug/l	96
84) 1,2,4-Trimethylbenzene	11.472	105	1656	0.27	ug/l	97
95) Naphthalene	14.095	128	7227	3.50	ug/l	97

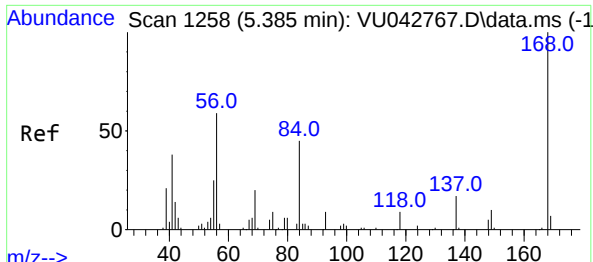
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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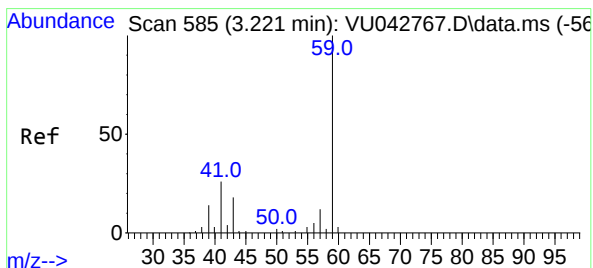
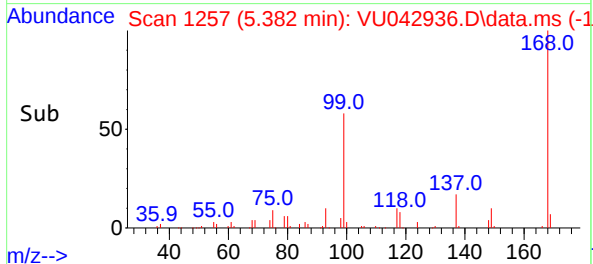
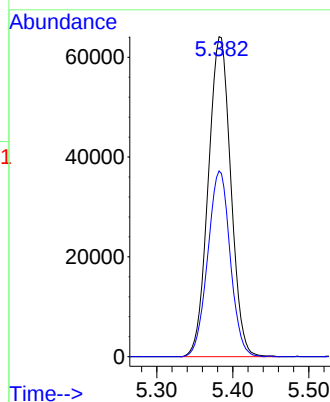
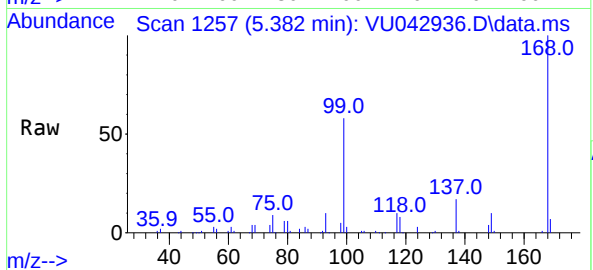




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042936.D
Acq: 05 Apr 2021 17:20

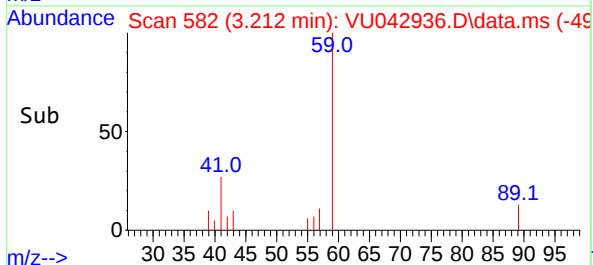
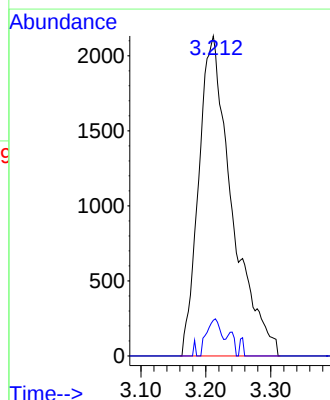
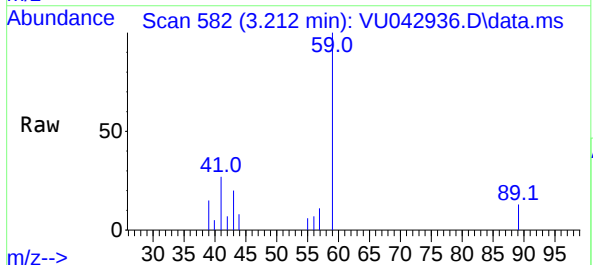
Instrument :
MSVOA_U
ClientSampled :
31029

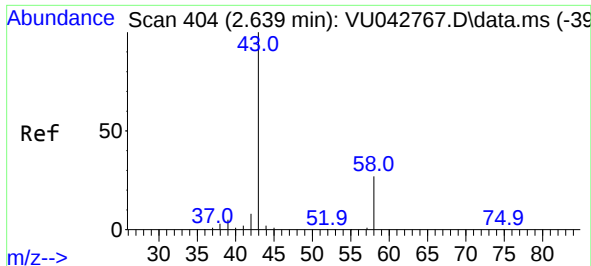
Tgt Ion:168 Resp: 131872
Ion Ratio Lower Upper
168 100
99 58.1 46.4 69.6



#11
Tert butyl alcohol
Concen: 16.83 ug/l
RT: 3.212 min Scan# 582
Delta R.T. -0.010 min
Lab File: VU042936.D
Acq: 05 Apr 2021 17:20

Tgt Ion: 59 Resp: 7562
Ion Ratio Lower Upper
59 100
57 5.0 7.4 11.2#

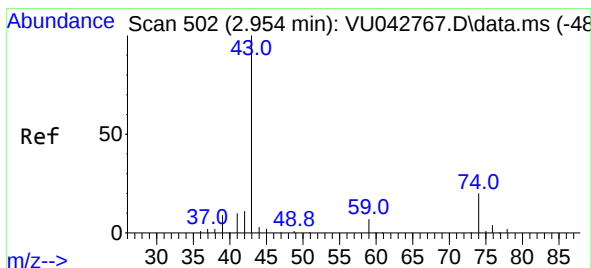
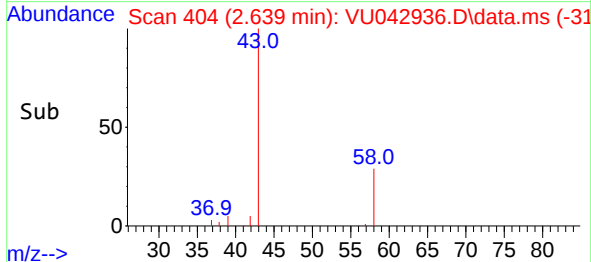
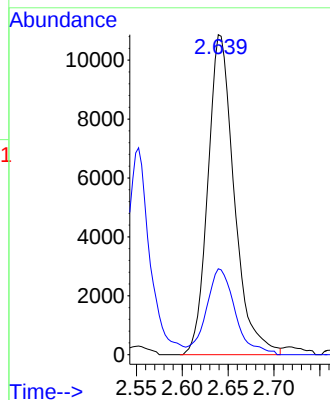
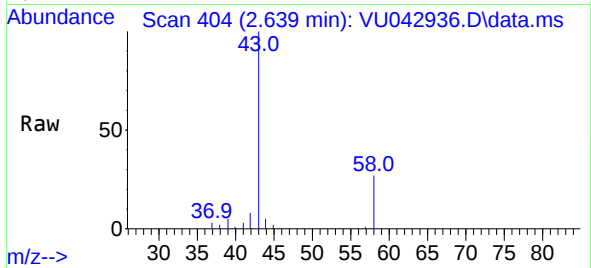




#16
Acetone
Concen: 7.35 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.000 min
Lab File: VU042936.D
Acq: 05 Apr 2021 17:20

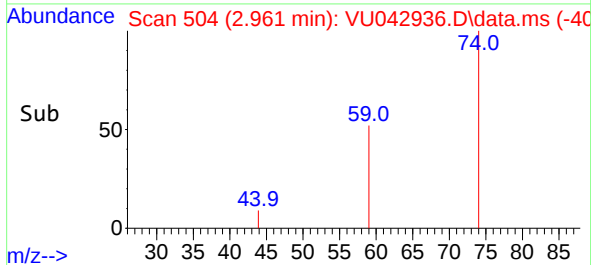
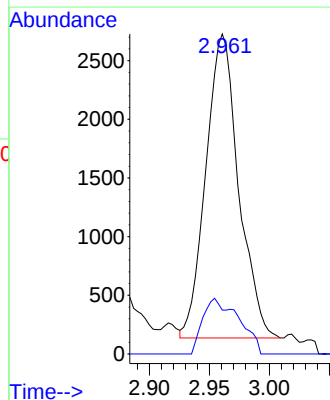
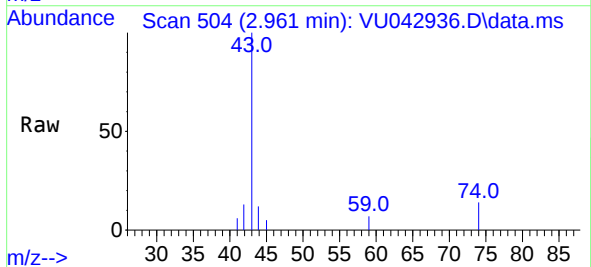
Instrument :
MSVOA_U
ClientSampled :
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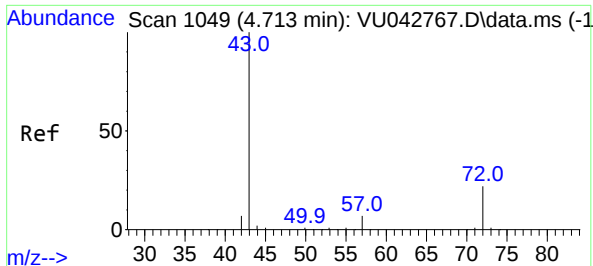
Tgt Ion: 43 Resp: 21751
Ion Ratio Lower Upper
43 100
58 26.8 21.6 32.4



#18
Methyl Acetate
Concen: 2.05 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.006 min
Lab File: VU042936.D
Acq: 05 Apr 2021 17:20

Tgt Ion: 43 Resp: 4928
Ion Ratio Lower Upper
43 100
74 20.2 16.2 24.4

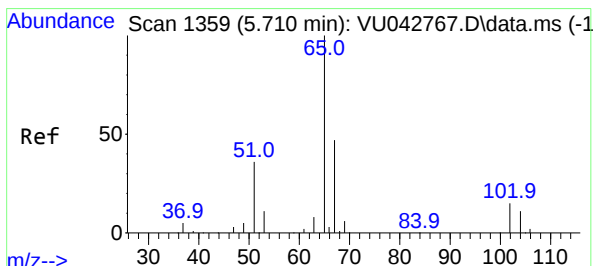
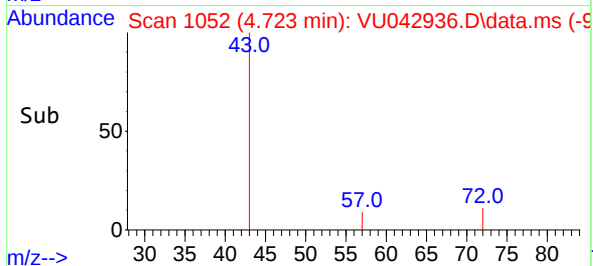
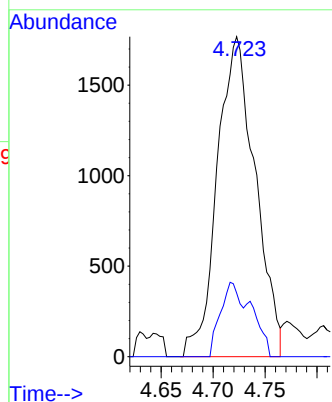
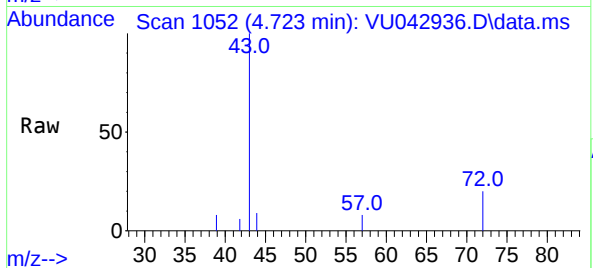




#25
2-Butanone
Concen: 2.62 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.010 min
Lab File: VU042936.D
Acq: 05 Apr 2021 17:20

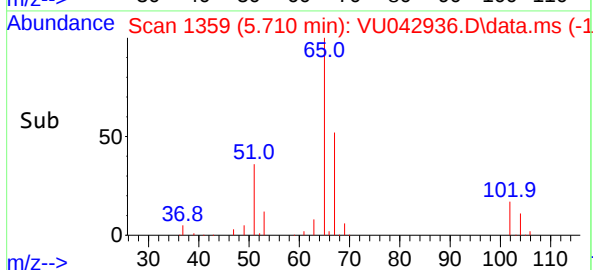
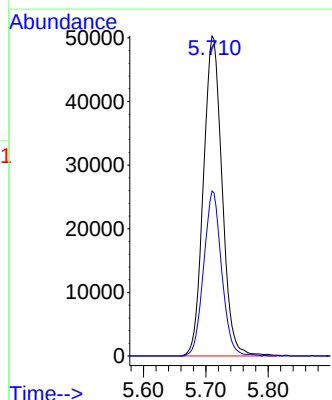
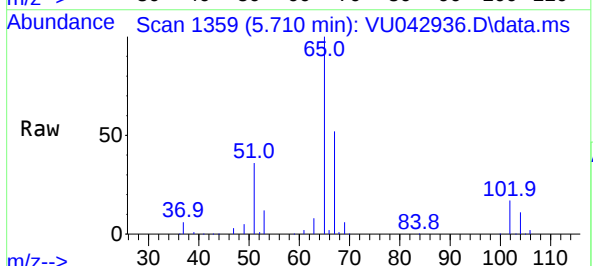
Instrument :
MSVOA_U
ClientSampled :
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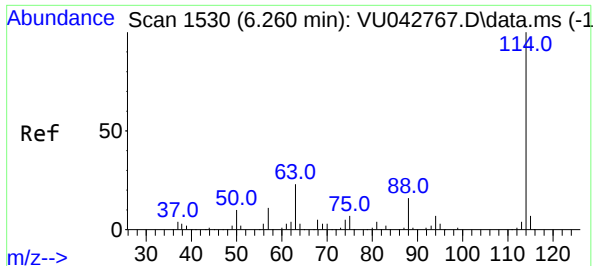
Tgt Ion: 43 Resp: 4486
Ion Ratio Lower Upper
43 100
72 19.9 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 49.72 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042936.D
Acq: 05 Apr 2021 17:20

Tgt Ion: 65 Resp: 104521
Ion Ratio Lower Upper
65 100
67 49.4 0.0 98.8



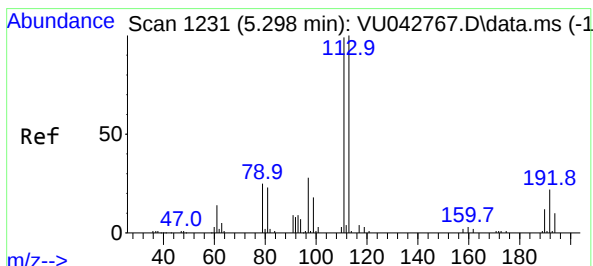
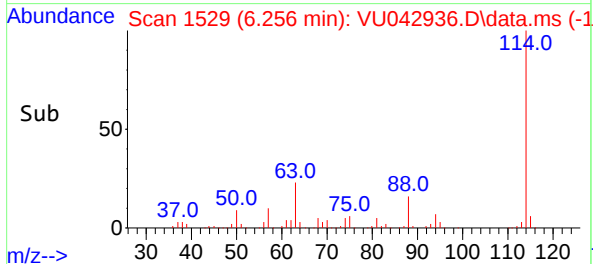
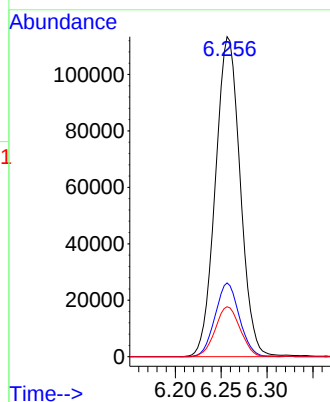
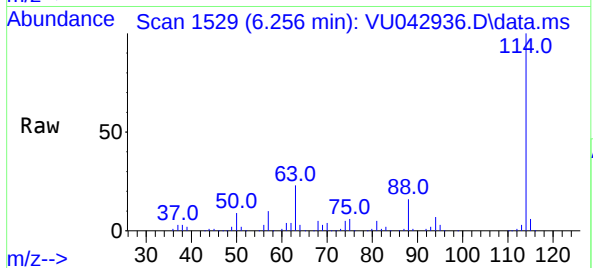


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.004 min
Lab File: VU042936.D
Acq: 05 Apr 2021 17:20

Instrument :
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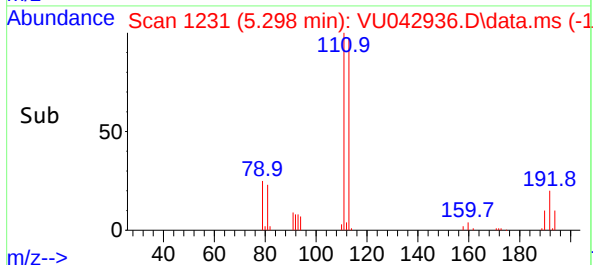
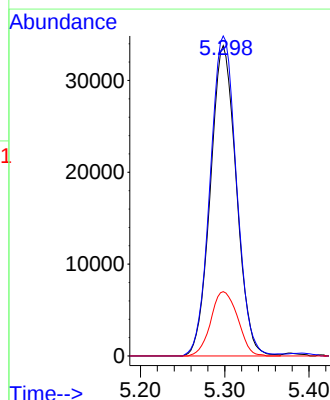
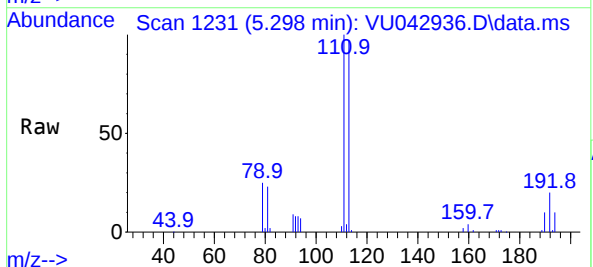
Tgt Ion:114 Resp: 213037
Ion Ratio Lower Upper
114 100
63 23.1 0.0 46.8
88 15.6 0.0 32.2

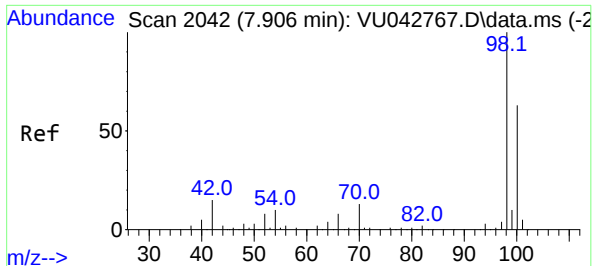


#35

Dibromofluoromethane
Concen: 45.34 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042936.D
Acq: 05 Apr 2021 17:20

Tgt Ion:113 Resp: 72085
Ion Ratio Lower Upper
113 100
111 104.7 82.1 123.1
192 21.5 17.6 26.4

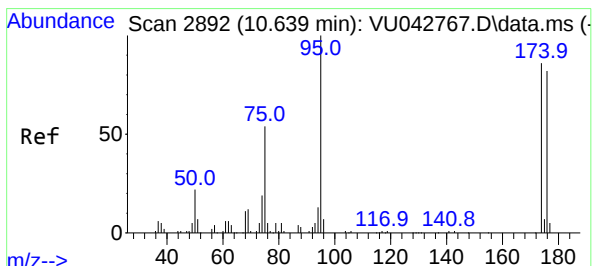
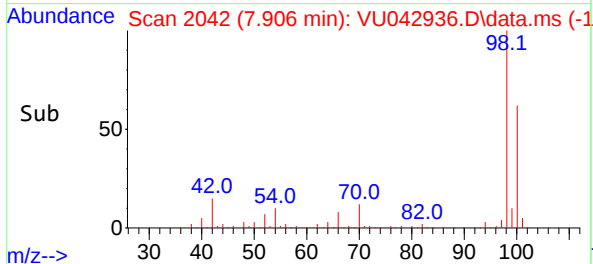
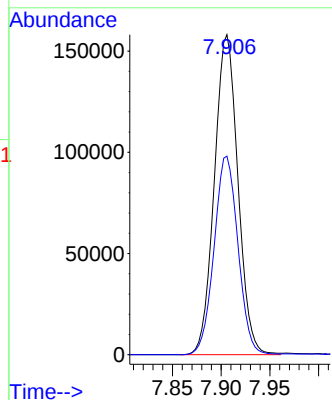
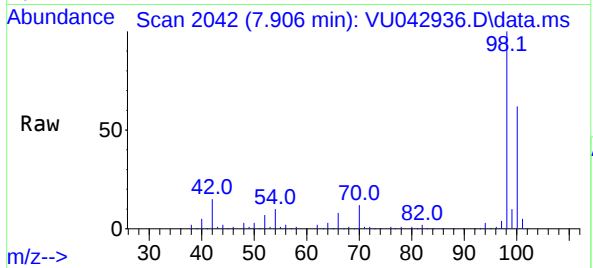




#50
Toluene-d8
Concen: 47.60 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042936.D
Acq: 05 Apr 2021 17:20

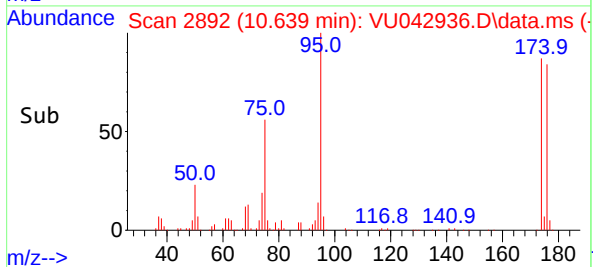
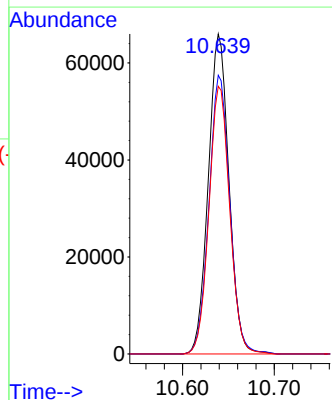
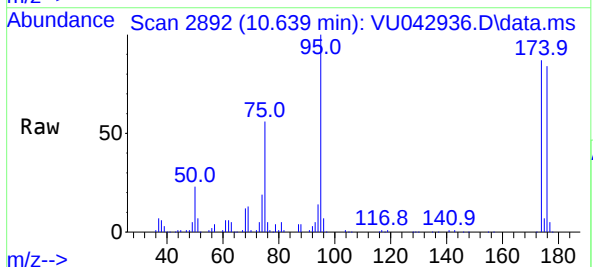
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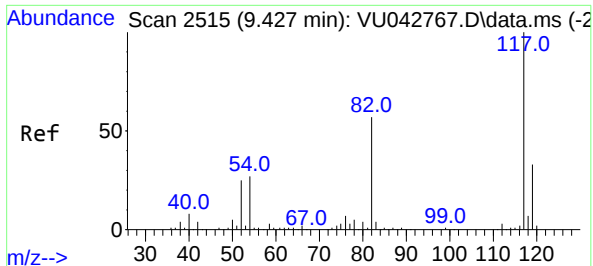
Tgt Ion: 98 Resp: 266275
Ion Ratio Lower Upper
98 100
100 62.9 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 47.45 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042936.D
Acq: 05 Apr 2021 17:20

Tgt Ion: 95 Resp: 103144
Ion Ratio Lower Upper
95 100
174 88.0 0.0 175.2
176 84.1 0.0 167.4

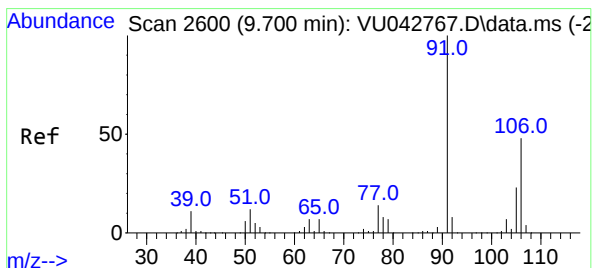
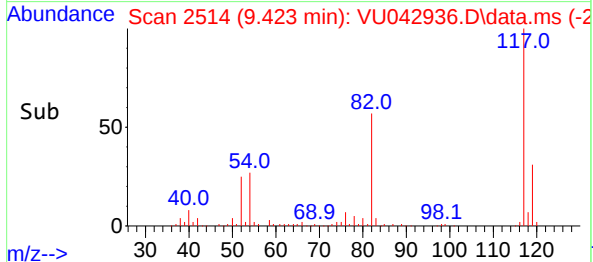
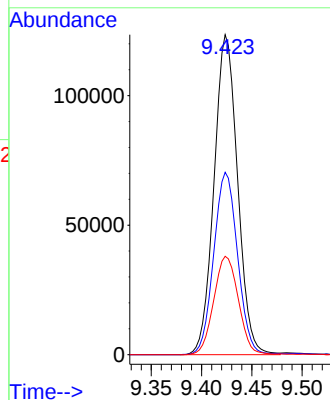
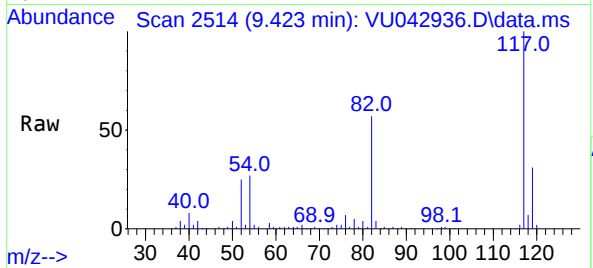




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042936.D
Acq: 05 Apr 2021 17:20

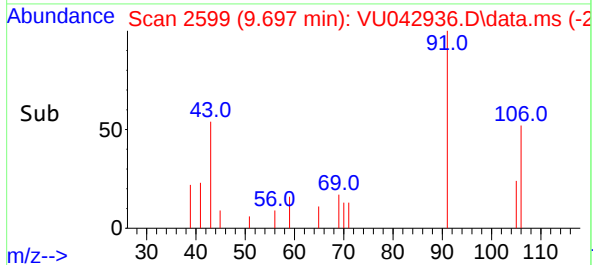
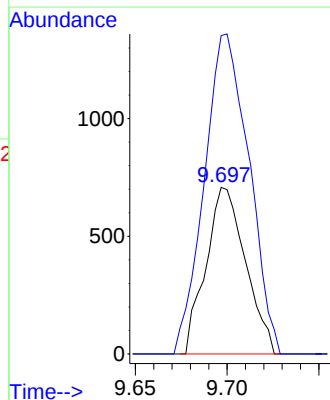
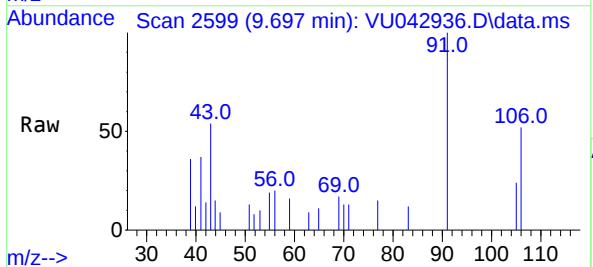
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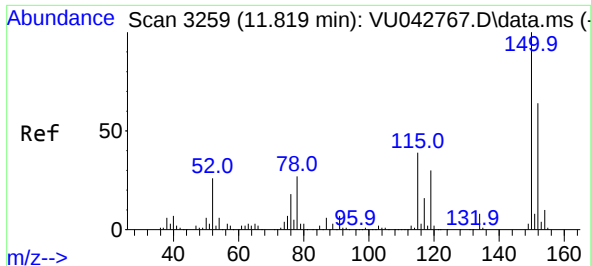
Tgt Ion:117 Resp: 201379
Ion Ratio Lower Upper
117 100
82 57.0 45.5 68.3
119 30.8 26.2 39.4



#68
m/p-Xylenes
Concen: 0.39 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU042936.D
Acq: 05 Apr 2021 17:20

Tgt Ion:106 Resp: 1059
Ion Ratio Lower Upper
106 100
91 217.2 168.3 252.5

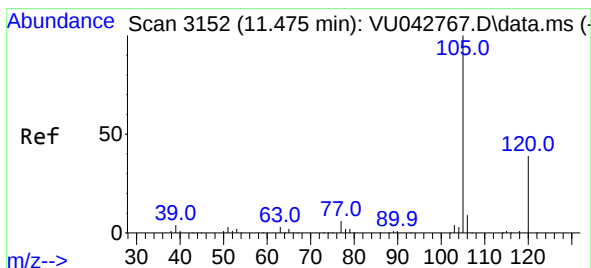
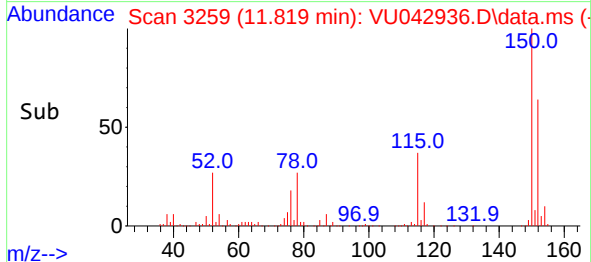
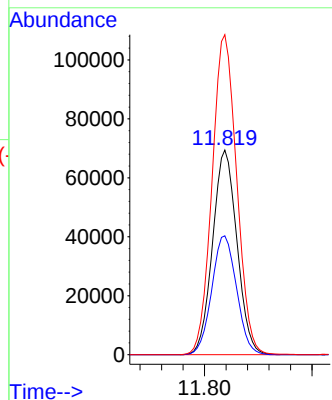
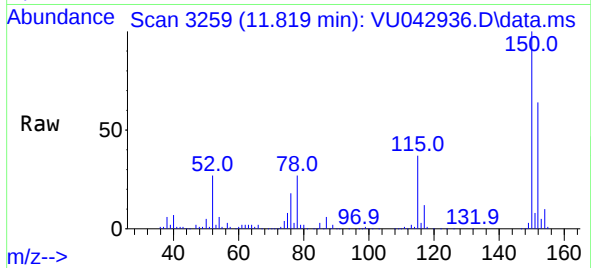




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU042936.D
 Acq: 05 Apr 2021 17:20

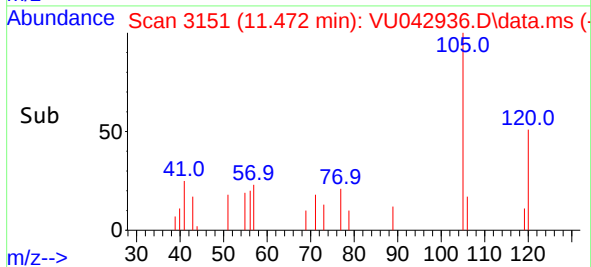
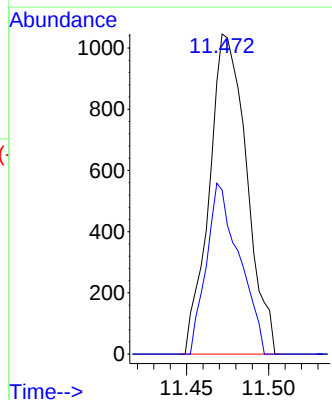
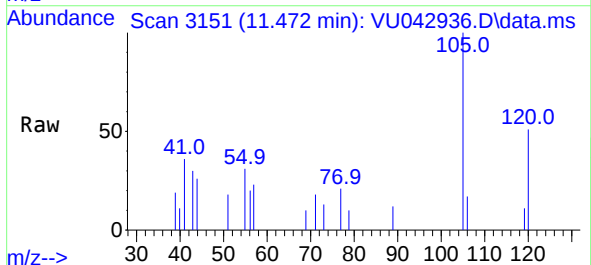
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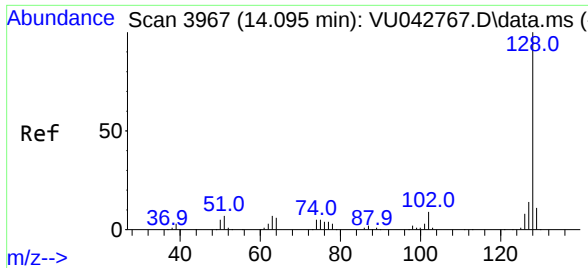
Tgt Ion:152 Resp: 109204
 Ion Ratio Lower Upper
 152 100
 115 59.2 41.0 123.0
 150 158.1 0.0 341.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.27 ug/l
 RT: 11.472 min Scan# 3151
 Delta R.T. -0.003 min
 Lab File: VU042936.D
 Acq: 05 Apr 2021 17:20

Tgt Ion:105 Resp: 1656
 Ion Ratio Lower Upper
 105 100
 120 46.7 22.3 66.8





#95
Naphthalene
Concen: 3.50 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042936.D
Acq: 05 Apr 2021 17:20

Instrument :
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ClientSampleId :
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Tgt Ion:	128	Resp:	7227
Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.9	16.3
129	11.6	8.7	13.1

