

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040221\
 Data File : VU042903.D
 Acq On : 02 Apr 2021 18:09
 Operator : SY/MD
 Sample : M1903-04 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 41726

Quant Time: Apr 03 00:14:28 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)

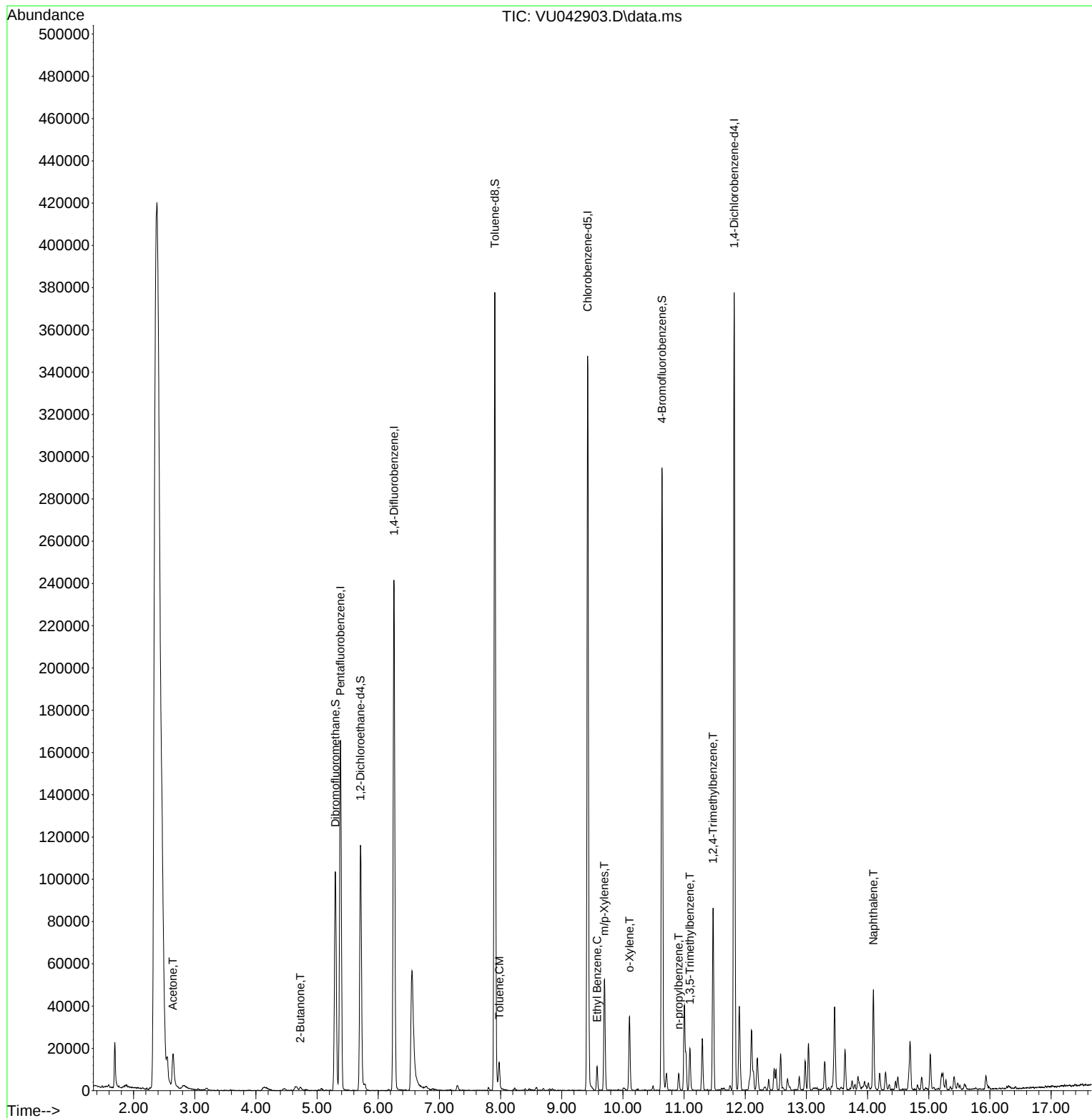
Internal Standards						
1) Pentafluorobenzene	5.382	168	114075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	180207	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	176416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	91151	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	90546	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
35) Dibromofluoromethane	5.298	113	63312	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
50) Toluene-d8	7.906	98	228568	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	10.639	95	85532	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
Target Compounds						
						Qvalue
16) Acetone	2.642	43	23999	13.24	ug/l	99
25) 2-Butanone	4.726	43	2870	1.94	ug/l	95
52) Toluene	7.980	92	4345	1.33	ug/l	95
67) Ethyl Benzene	9.578	91	7538	1.17	ug/l	95
68) m/p-Xylenes	9.697	106	12829	5.41	ug/l	100
69) o-Xylene	10.108	106	8391	3.66	ug/l	98
78) n-propylbenzene	10.912	91	6750	0.99	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	10732	2.14	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	44370	8.78	ug/l	99
95) Naphthalene	14.095	128	34547	7.88	ug/l	99

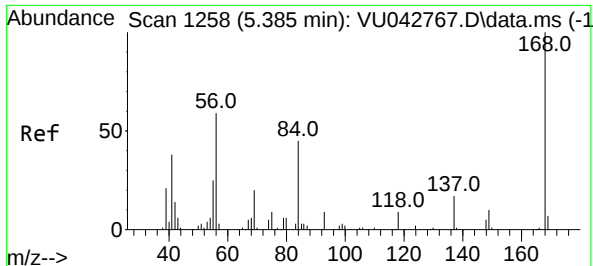
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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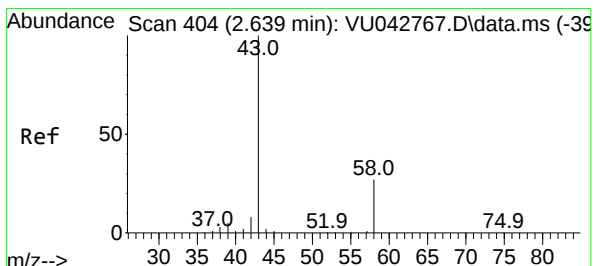
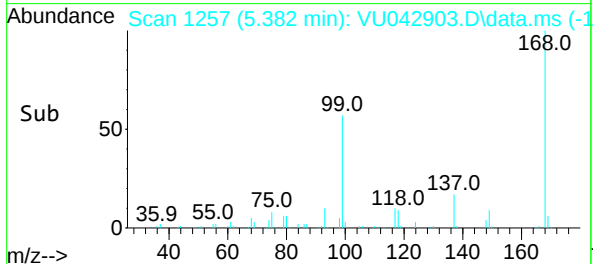
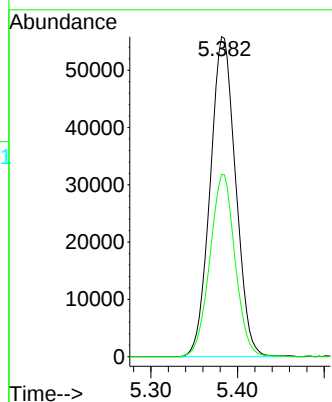
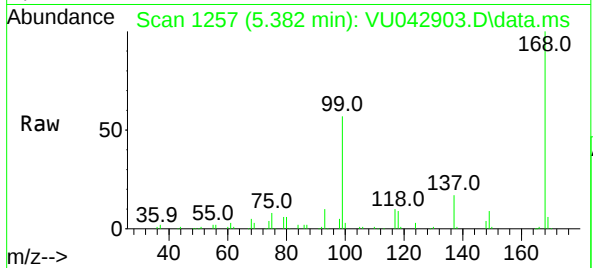




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042903.D
Acq: 02 Apr 2021 18:09

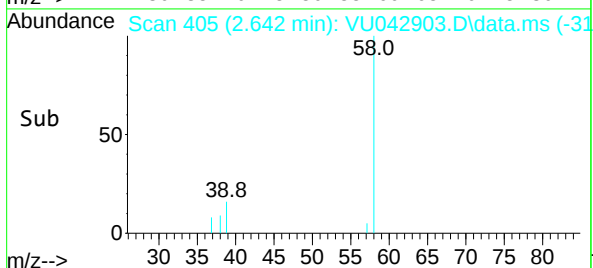
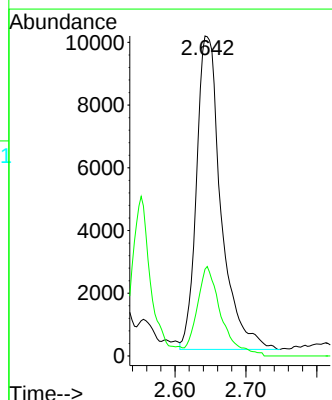
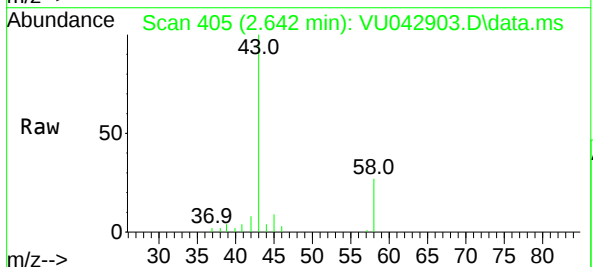
Instrument :
MSVOA_U
ClientSampleId :
41726

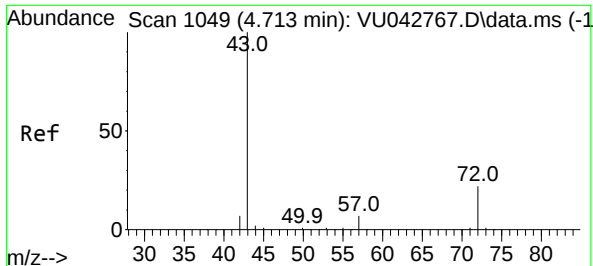
Tgt Ion:168 Resp: 114075
Ion Ratio Lower Upper
168 100
99 57.0 46.4 69.6



#16
Acetone
Concen: 13.24 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.003 min
Lab File: VU042903.D
Acq: 02 Apr 2021 18:09

Tgt Ion: 43 Resp: 23999
Ion Ratio Lower Upper
43 100
58 27.7 21.6 32.4



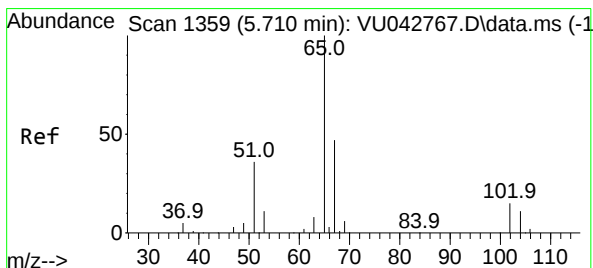
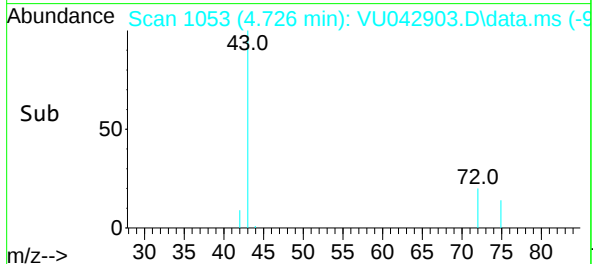
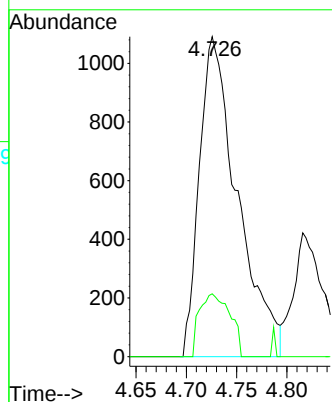
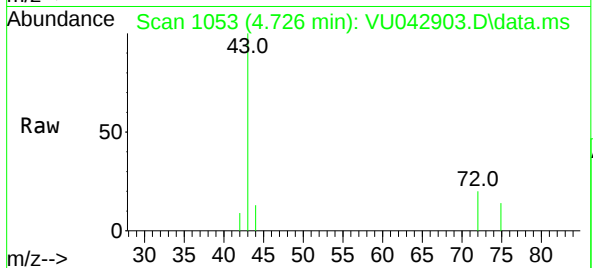


#25

2-Butanone
Concen: 1.94 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.013 min
Lab File: VU042903.D
Acq: 02 Apr 2021 18:09

Instrument :
MSVOA_U
ClientSampled :
41726

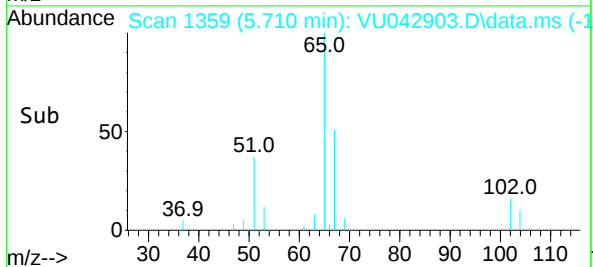
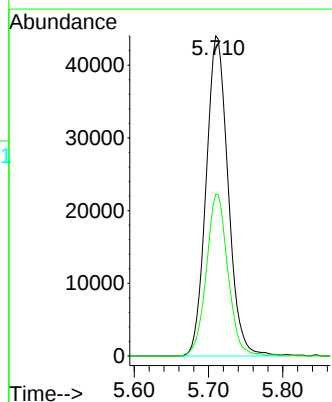
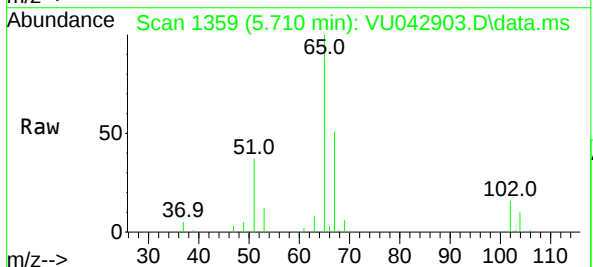
Tgt Ion: 43 Resp: 2870
Ion Ratio Lower Upper
43 100
72 19.6 17.7 26.5

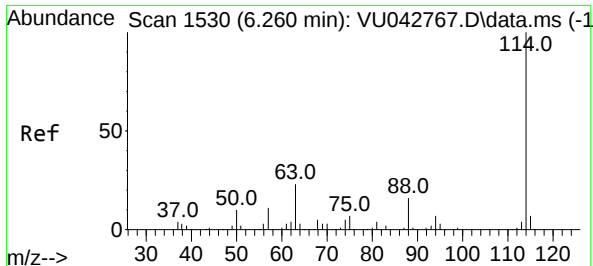


#33

1,2-Dichloroethane-d4
Concen: 49.79 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042903.D
Acq: 02 Apr 2021 18:09

Tgt Ion: 65 Resp: 90546
Ion Ratio Lower Upper
65 100
67 49.5 0.0 98.8

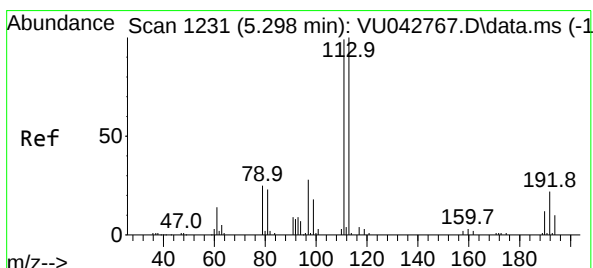
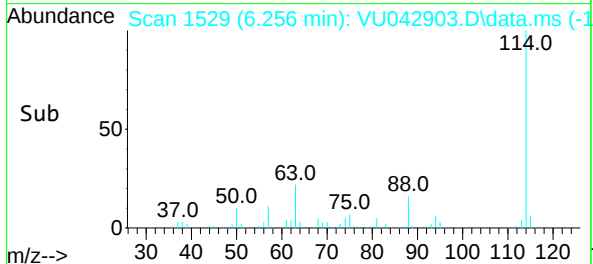
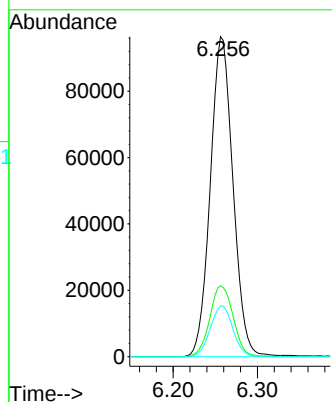
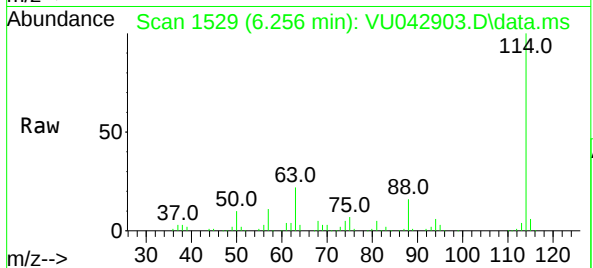




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.004 min
Lab File: VU042903.D
Acq: 02 Apr 2021 18:09

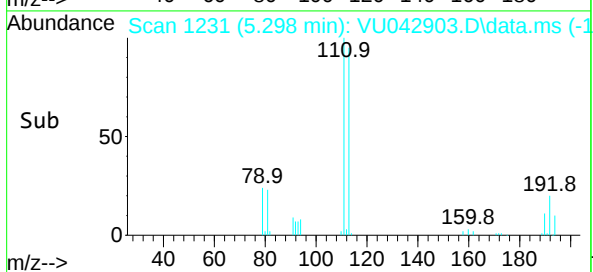
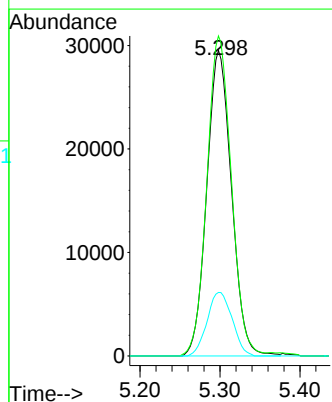
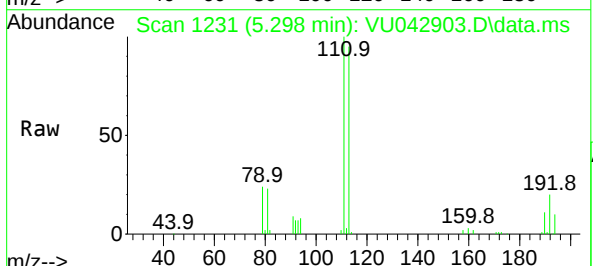
Instrument :
MSVOA_U
ClientSampleId :
41726

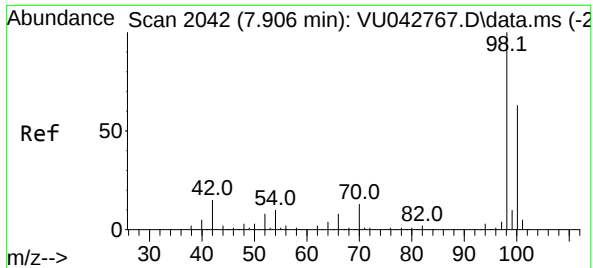
Tgt Ion:114 Resp: 180207
Ion Ratio Lower Upper
114 100
63 22.1 0.0 46.8
88 15.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 47.08 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042903.D
Acq: 02 Apr 2021 18:09

Tgt Ion:113 Resp: 63312
Ion Ratio Lower Upper
113 100
111 103.8 82.1 123.1
192 21.1 17.6 26.4

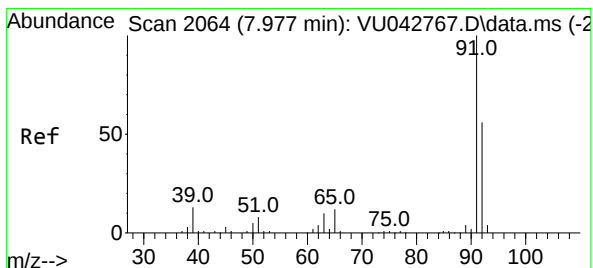
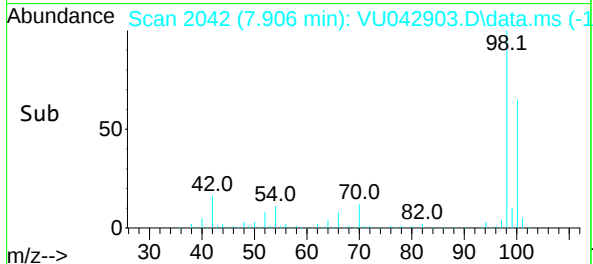
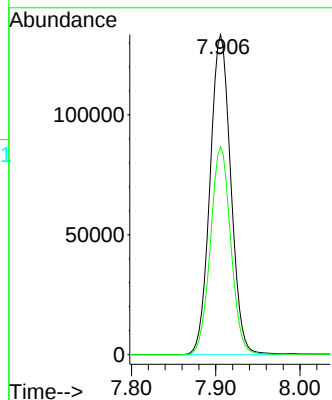
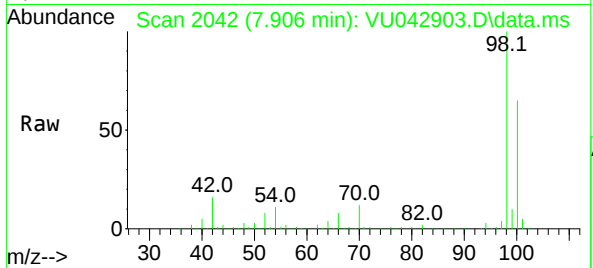




#50
Toluene-d8
Concen: 48.31 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042903.D
Acq: 02 Apr 2021 18:09

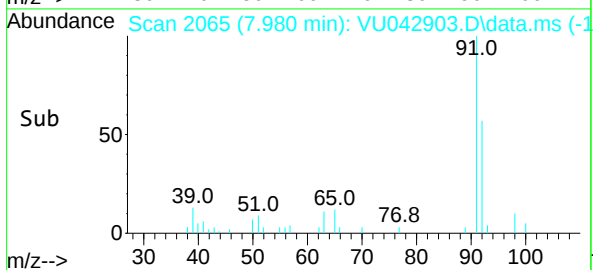
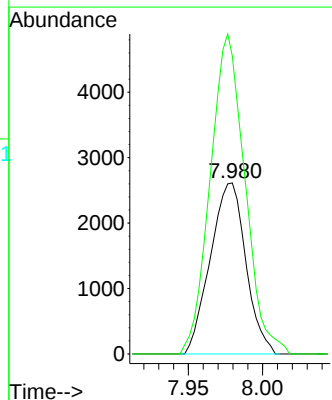
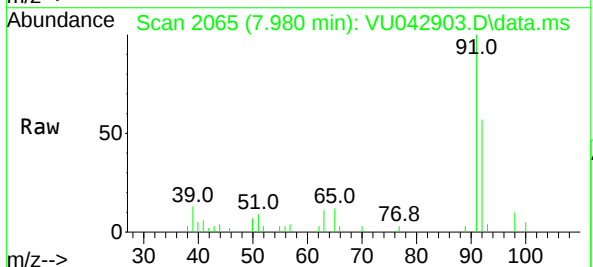
Instrument :
MSVOA_U
ClientSampleId :
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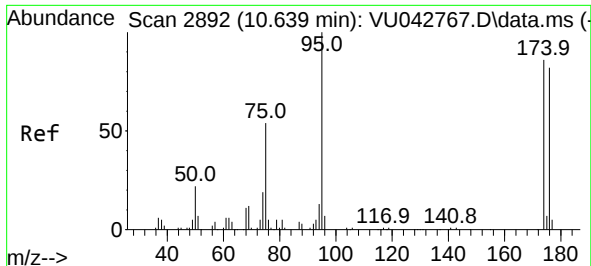
Tgt Ion: 98 Resp: 228568
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#52
Toluene
Concen: 1.33 ug/l
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU042903.D
Acq: 02 Apr 2021 18:09

Tgt Ion: 92 Resp: 4345
Ion Ratio Lower Upper
92 100
91 182.7 140.6 210.8

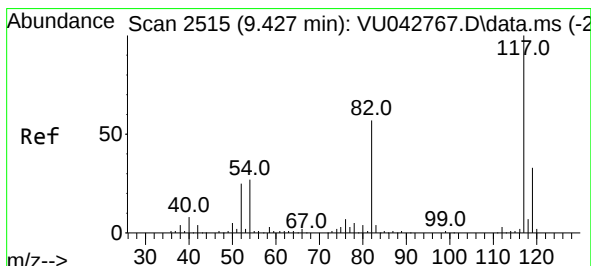
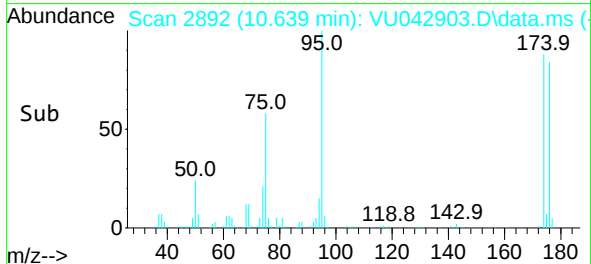
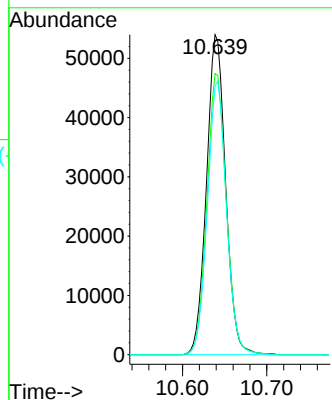
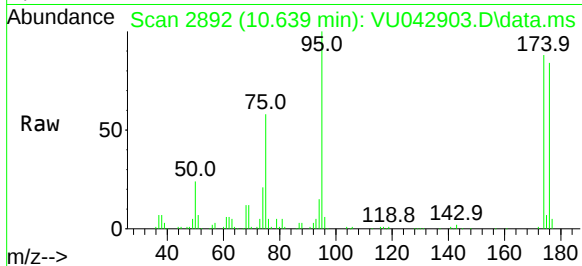




#62
4-Bromofluorobenzene
Concen: 46.52 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042903.D
Acq: 02 Apr 2021 18:09

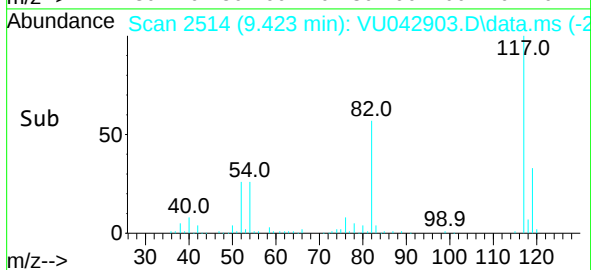
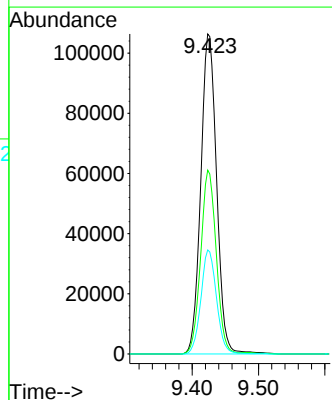
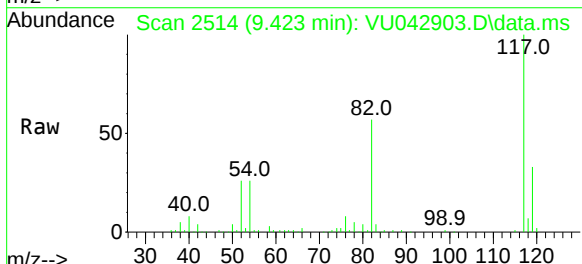
Instrument :
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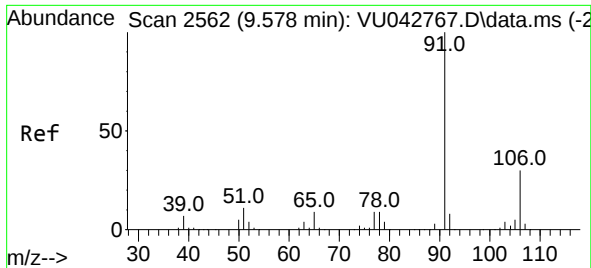
Tgt Ion: 95 Resp: 85532
Ion Ratio Lower Upper
95 100
174 89.0 0.0 175.2
176 85.0 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042903.D
Acq: 02 Apr 2021 18:09

Tgt Ion: 117 Resp: 176416
Ion Ratio Lower Upper
117 100
82 57.4 45.5 68.3
119 32.5 26.2 39.4

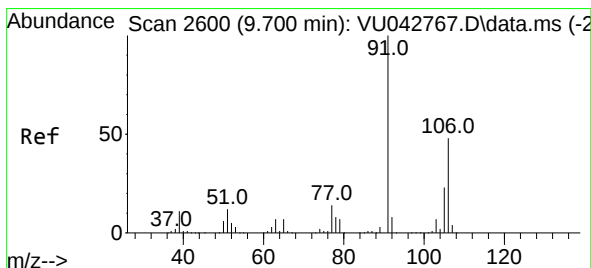
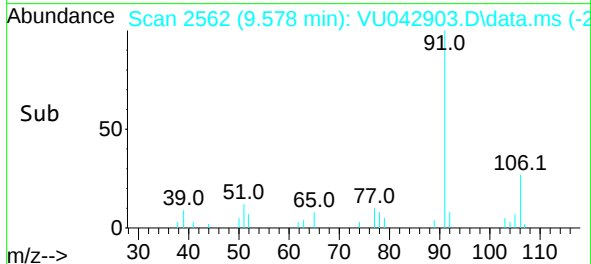
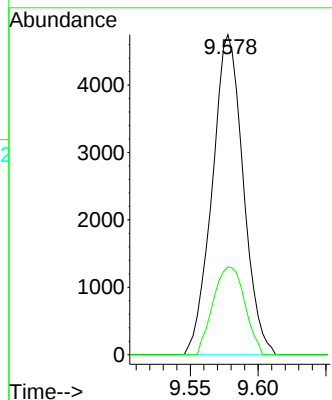
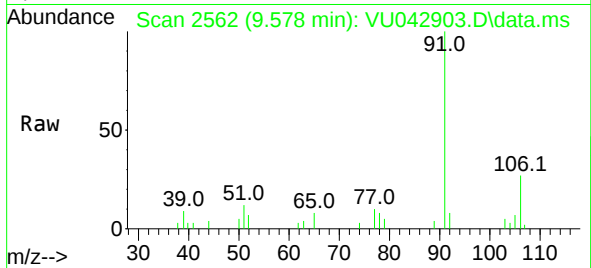




#67
Ethyl Benzene
Concen: 1.17 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042903.D
Acq: 02 Apr 2021 18:09

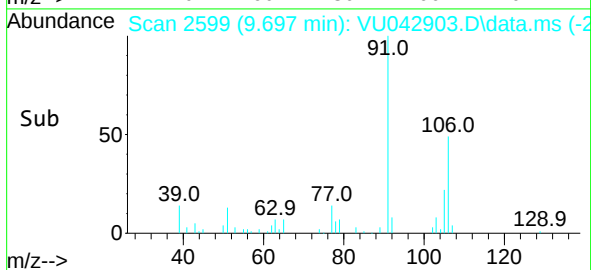
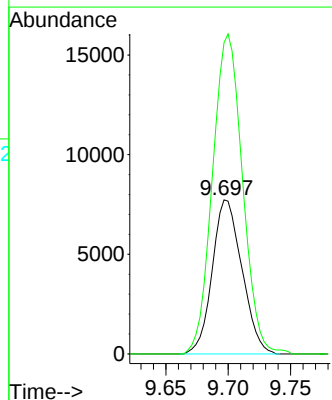
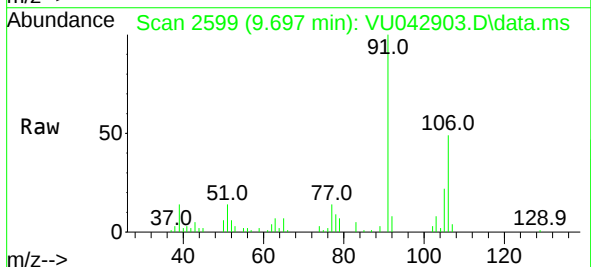
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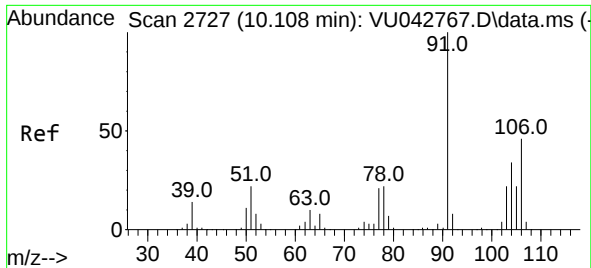
Tgt Ion: 91 Resp: 7538
Ion Ratio Lower Upper
91 100
106 27.5 24.1 36.1



#68
m/p-Xylenes
Concen: 5.41 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU042903.D
Acq: 02 Apr 2021 18:09

Tgt Ion: 106 Resp: 12829
Ion Ratio Lower Upper
106 100
91 209.6 168.3 252.5

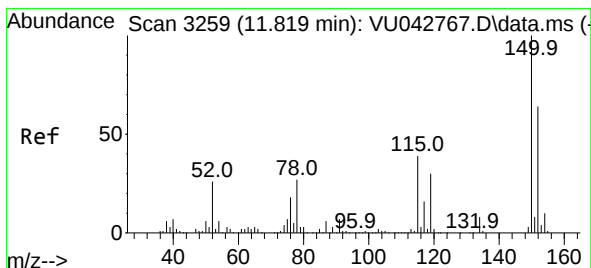
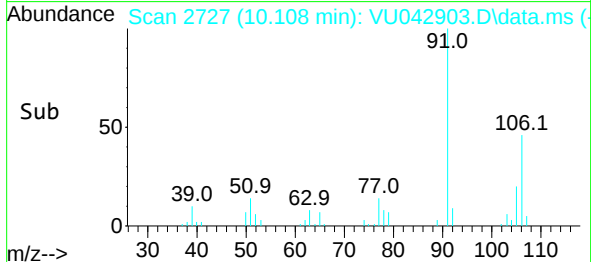
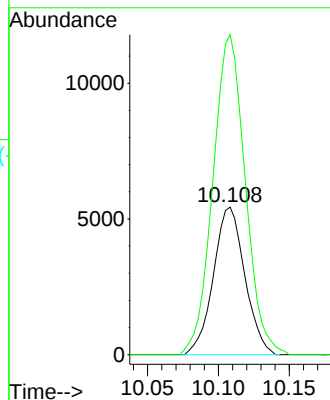
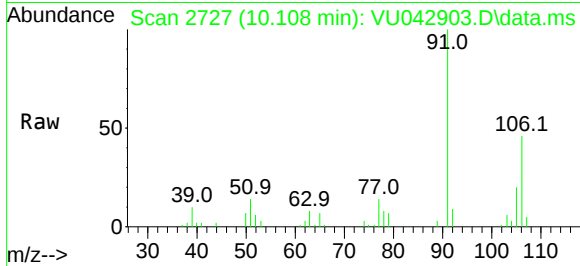




#69
o-Xylene
Concen: 3.66 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042903.D
Acq: 02 Apr 2021 18:09

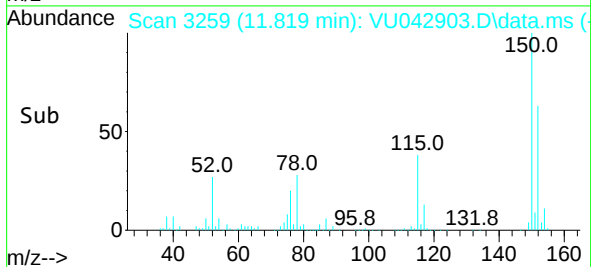
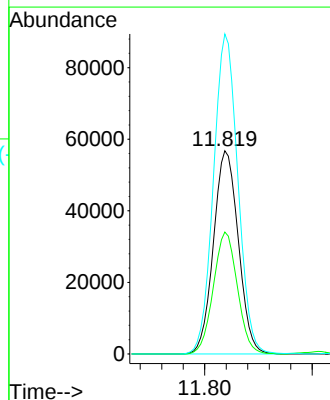
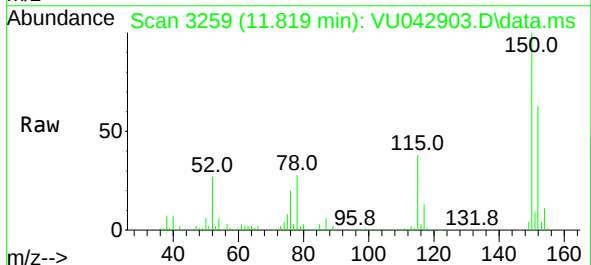
Instrument :
MSVOA_U
ClientSampled :
41726

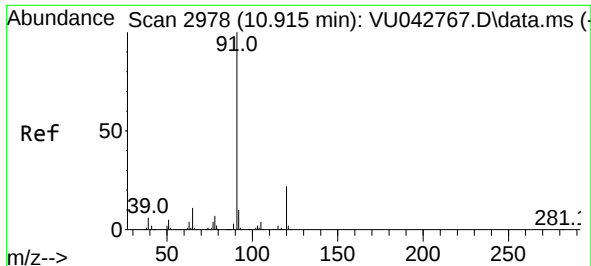
Tgt Ion:106 Resp: 8391
Ion Ratio Lower Upper
106 100
91 223.0 109.9 329.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042903.D
Acq: 02 Apr 2021 18:09

Tgt Ion:152 Resp: 91151
Ion Ratio Lower Upper
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115 58.1 41.0 123.0
150 154.5 0.0 341.0

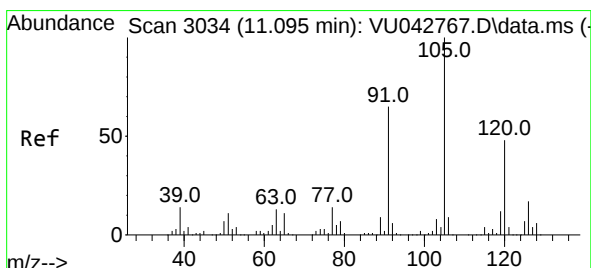
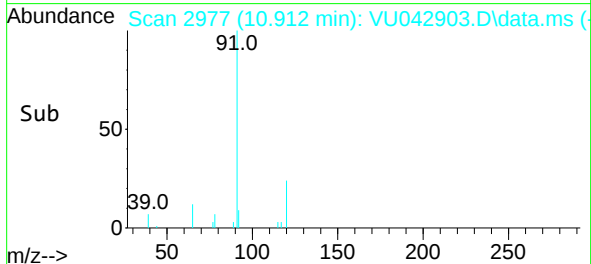
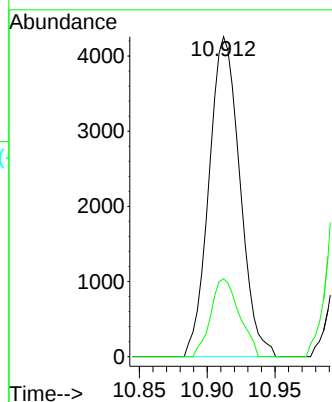
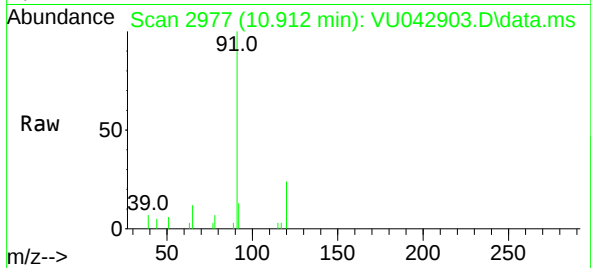




#78
n-propylbenzene
Concen: 0.99 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.003 min
Lab File: VU042903.D
Acq: 02 Apr 2021 18:09

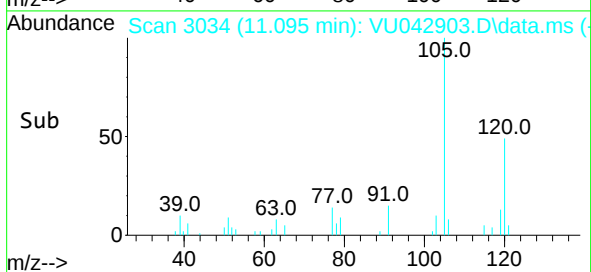
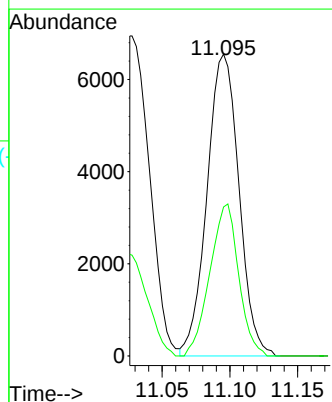
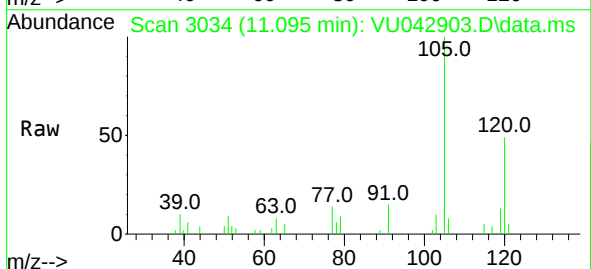
Instrument :
MSVOA_U
ClientSampled :
41726

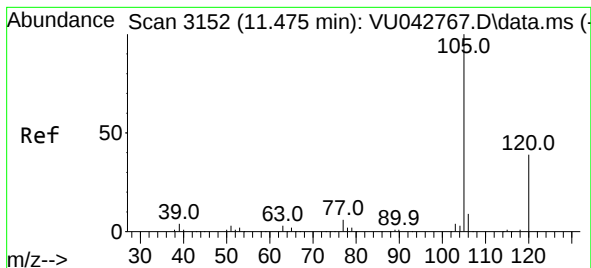
Tgt Ion: 91 Resp: 6750
Ion Ratio Lower Upper
91 100
120 22.5 11.1 33.1



#80
1,3,5-Trimethylbenzene
Concen: 2.14 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042903.D
Acq: 02 Apr 2021 18:09

Tgt Ion: 105 Resp: 10732
Ion Ratio Lower Upper
105 100
120 45.4 23.4 70.2

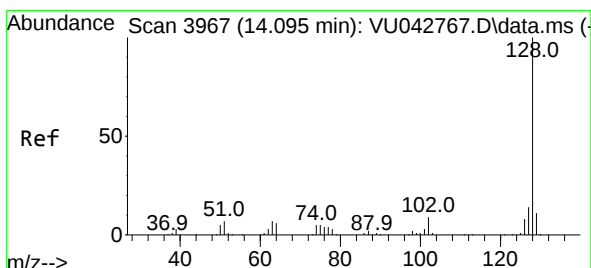
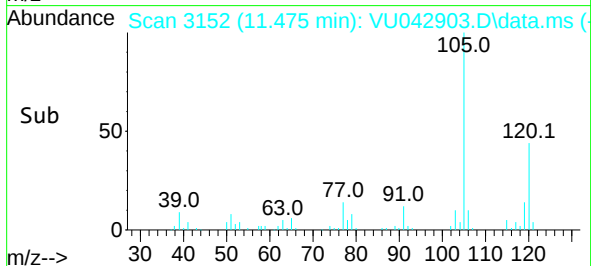
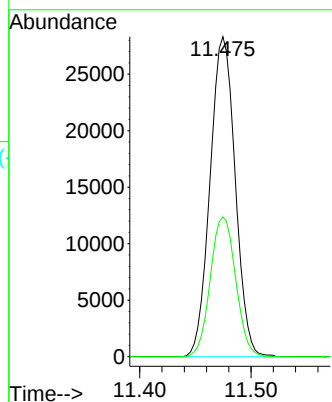
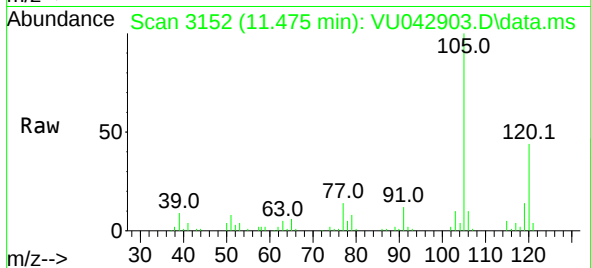




#84
1,2,4-Trimethylbenzene
Concen: 8.78 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042903.D
Acq: 02 Apr 2021 18:09

Instrument :
MSVOA_U
ClientSampled :
41726

Tgt Ion:105 Resp: 44370
Ion Ratio Lower Upper
105 100
120 44.0 22.3 66.8



#95
Naphthalene
Concen: 7.88 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042903.D
Acq: 02 Apr 2021 18:09

Tgt Ion:128 Resp: 34547
Ion Ratio Lower Upper
128 100
127 14.0 10.9 16.3
129 11.0 8.7 13.1

