

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040221\
 Data File : VU042913.D
 Acq On : 02 Apr 2021 22:07
 Operator : SY/MD
 Sample : M1931-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-7

Quant Time: Apr 03 00:18:20 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)

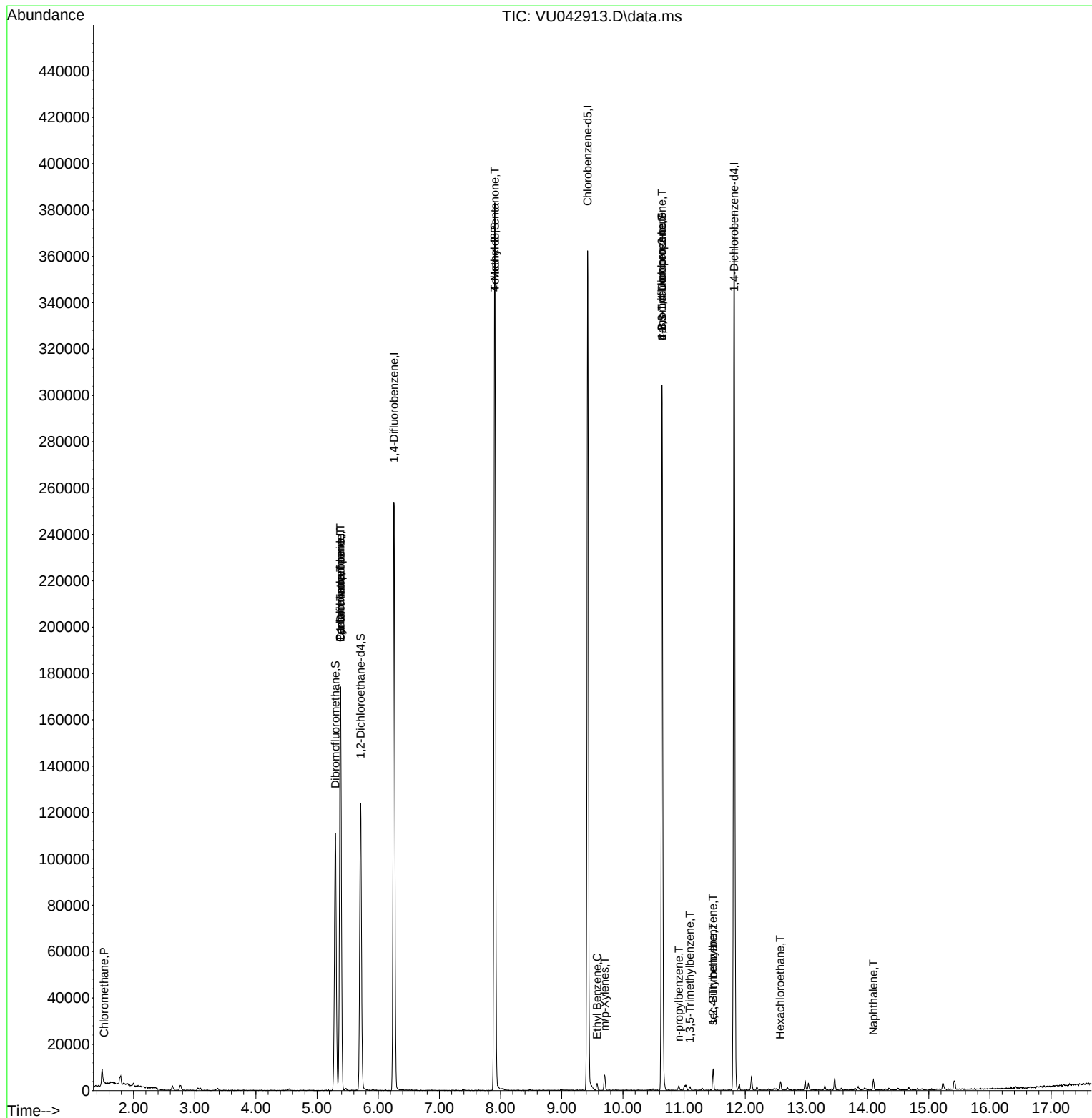
Internal Standards						
1) Pentafluorobenzene	5.382	168	119441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	192767	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	183475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	93056	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	95102	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
35) Dibromofluoromethane	5.298	113	67602	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
50) Toluene-d8	7.906	98	241099	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
62) 4-Bromofluorobenzene	10.639	95	88846	45.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.34%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	317	0.21	ug/l #	80
5) Bromomethane	1.864	94	22	Below Cal	#	2
6) Chloroethane	1.935	64	119	Below Cal	#	43
16) Acetone	2.633	43	2216	Below Cal		98
31) Cyclohexane	5.382	56	3303	1.39	ug/l #	45
36) 1,1-Dichloropropene	5.382	75	10314	5.41	ug/l #	50
38) Carbon Tetrachloride	5.382	117	12041	5.53	ug/l #	17
51) 4-Methyl-2-Pentanone	7.906	43	1245	0.40	ug/l #	1
67) Ethyl Benzene	9.578	91	2517	0.38	ug/l	96
68) m/p-Xylenes	9.703	106	1858	0.75	ug/l	92
76) 1,2,3-Trichloropropane	10.639	75	52006	21.98	ug/l #	38
78) n-propylbenzene	10.915	91	1897	0.27	ug/l	94
80) 1,3,5-Trimethylbenzene	11.095	105	1309	0.26	ug/l	86
81) trans-1,4-Dichloro-2-b...	10.639	75	52006	65.11	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.475	105	5138	1.00	ug/l	91
85) sec-Butylbenzene	11.475	105	5138	0.89	ug/l #	57
90) Hexachloroethane	12.571	117	236	0.24	ug/l #	6
95) Naphthalene	14.095	128	3757	3.14	ug/l #	91

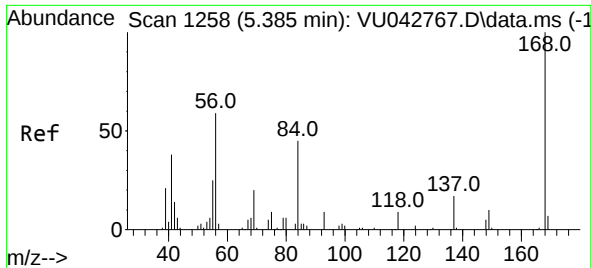
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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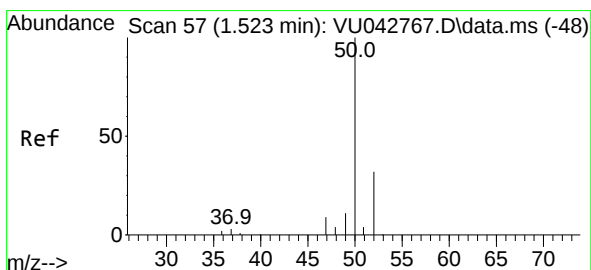
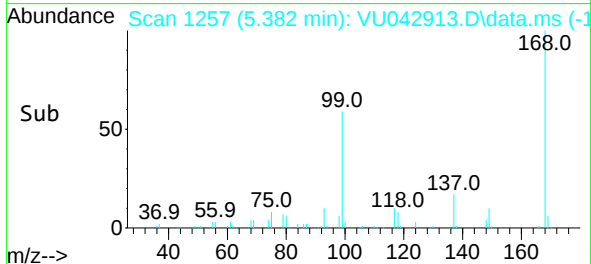
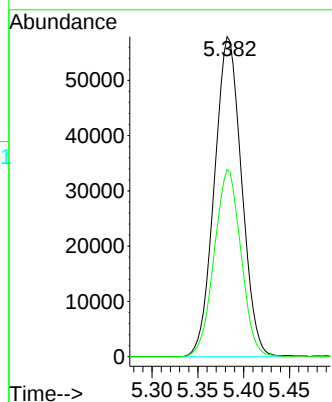
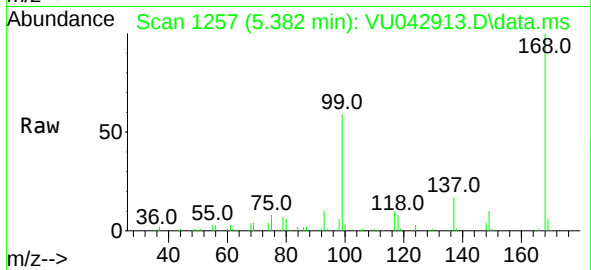




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042913.D
Acq: 02 Apr 2021 22:07

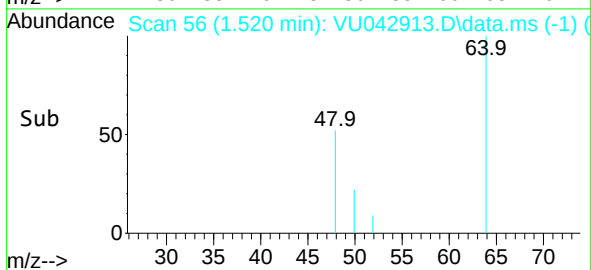
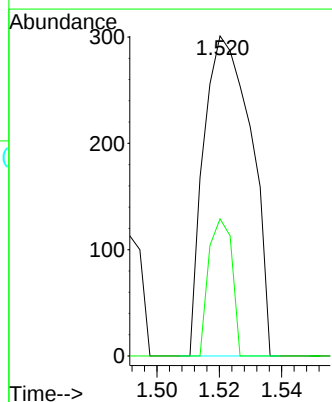
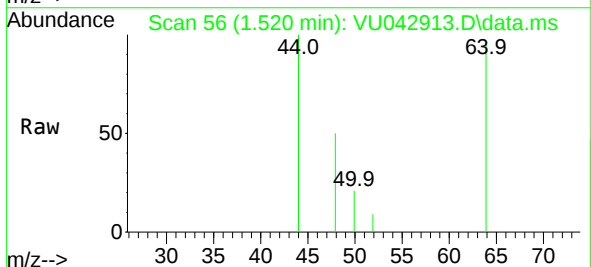
Instrument :
MSVOA_U
ClientSampled :
MW-7

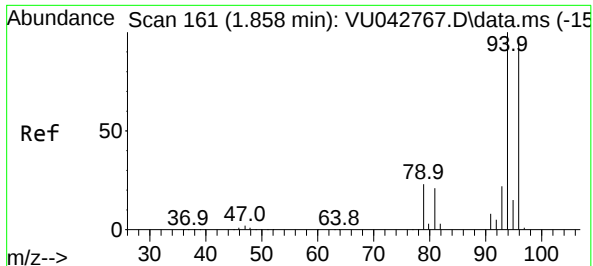
Tgt Ion:168 Resp: 119441
Ion Ratio Lower Upper
168 100
99 58.6 46.4 69.6



#3
Chloromethane
Concen: 0.21 ug/l
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042913.D
Acq: 02 Apr 2021 22:07

Tgt Ion: 50 Resp: 317
Ion Ratio Lower Upper
50 100
52 42.9 25.4 38.0#





#5

Bromomethane

Concen: Below Cal

RT: 1.864 min Scan# 163

Delta R.T. 0.006 min

Lab File: VU042913.D

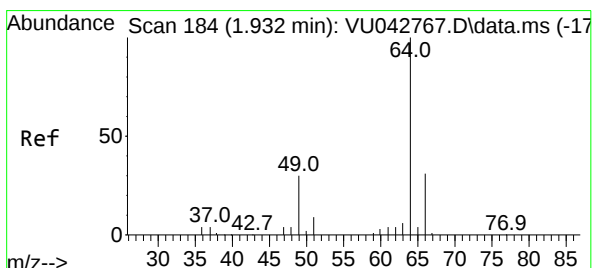
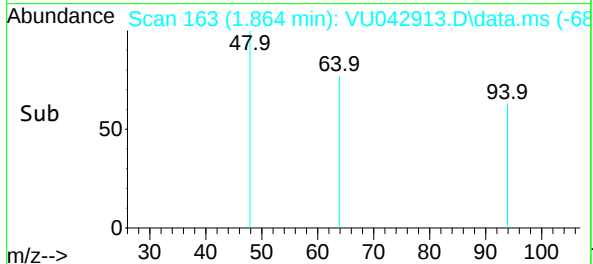
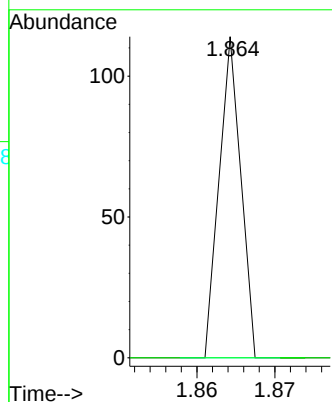
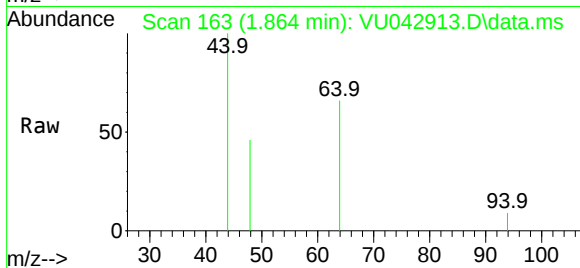
Acq: 02 Apr 2021 22:07

Tgt Ion: 94 Resp: 22

Ion Ratio Lower Upper

94 100

96 0.0 77.1 115.7#



#6

Chloroethane

Concen: Below Cal

RT: 1.935 min Scan# 185

Delta R.T. 0.003 min

Lab File: VU042913.D

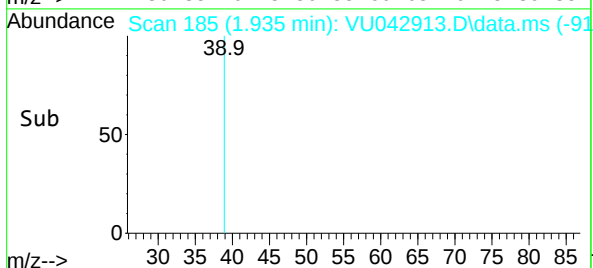
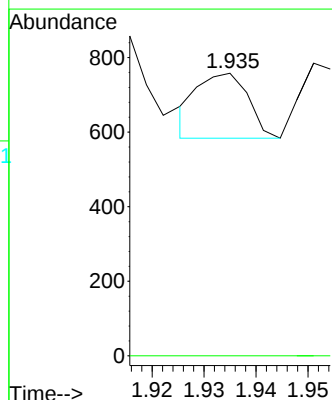
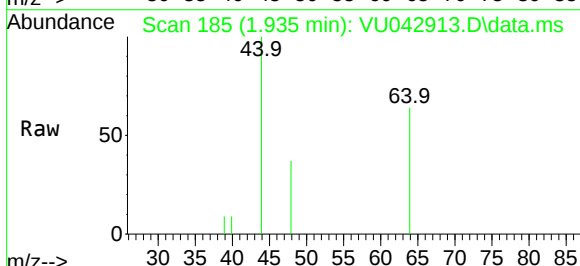
Acq: 02 Apr 2021 22:07

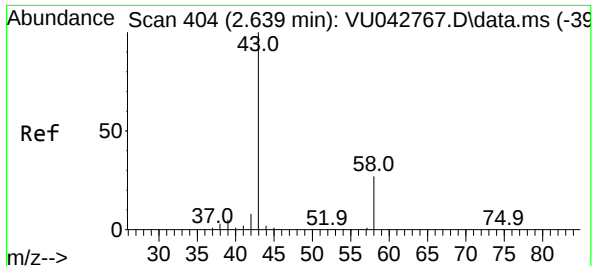
Tgt Ion: 64 Resp: 119

Ion Ratio Lower Upper

64 100

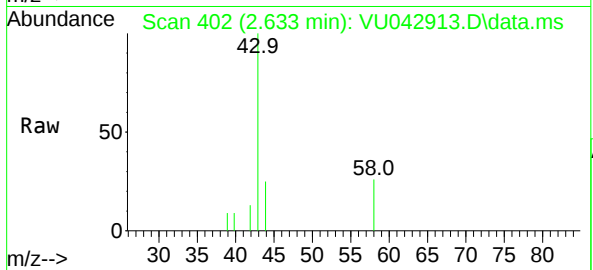
66 0.0 25.0 37.6#



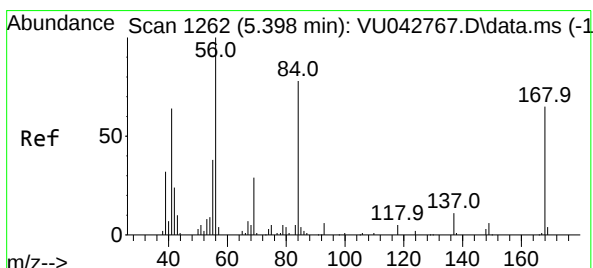
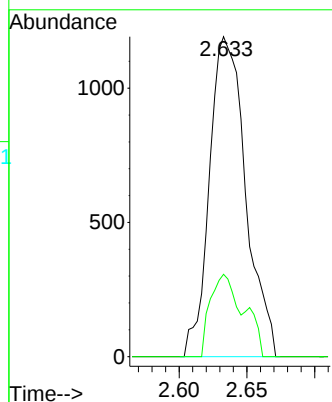
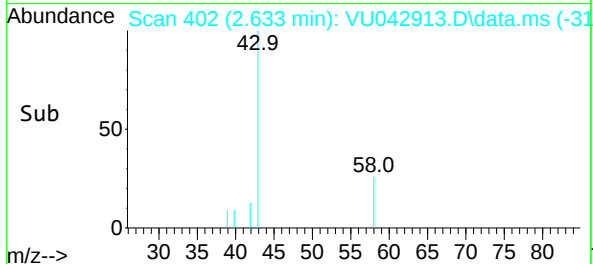


#16
Acetone
Concen: Below Cal
RT: 2.633 min Scan# 402
Delta R.T. -0.006 min
Lab File: VU042913.D
Acq: 02 Apr 2021 22:07

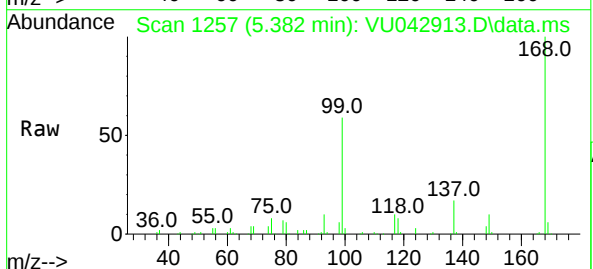
Instrument :
MSVOA_U
ClientSampled :
MW-7



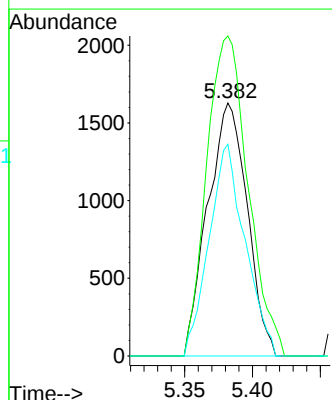
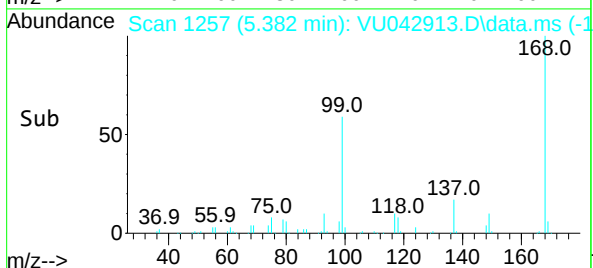
Tgt Ion: 43 Resp: 2216
Ion Ratio Lower Upper
43 100
58 25.8 21.6 32.4

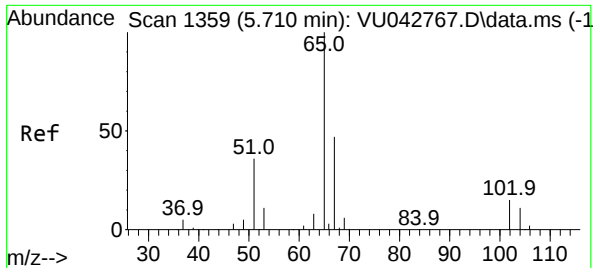


#31
Cyclohexane
Concen: 1.39 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VU042913.D
Acq: 02 Apr 2021 22:07



Tgt Ion: 56 Resp: 3303
Ion Ratio Lower Upper
56 100
69 126.5 23.3 34.9#
84 83.7 62.2 93.4

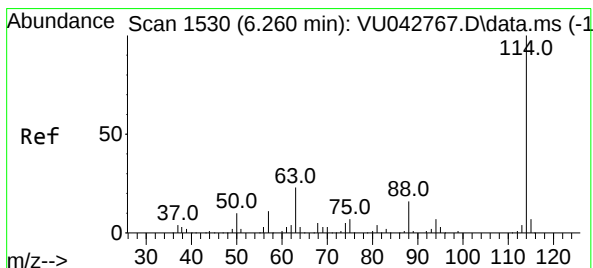
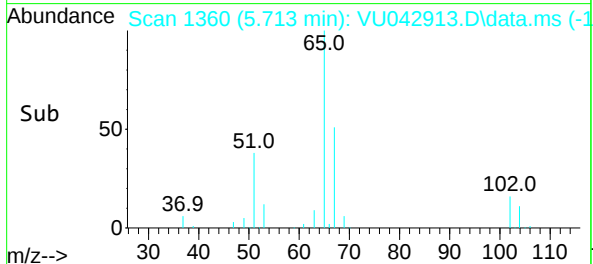
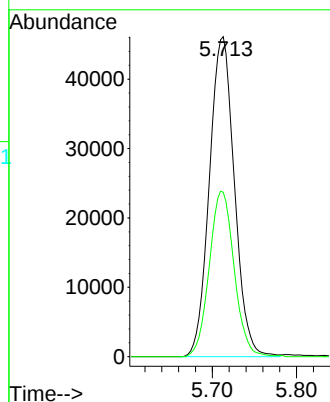
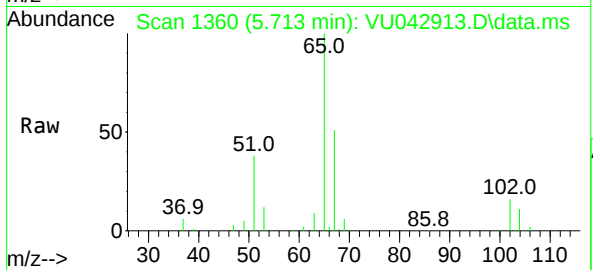




#33
1,2-Dichloroethane-d4
Concen: 49.95 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU042913.D
Acq: 02 Apr 2021 22:07

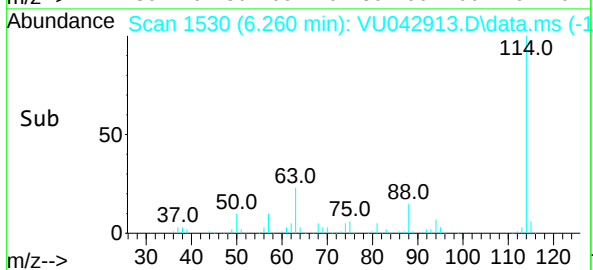
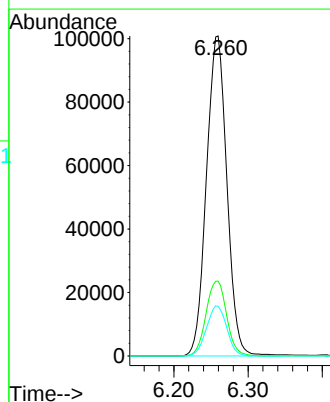
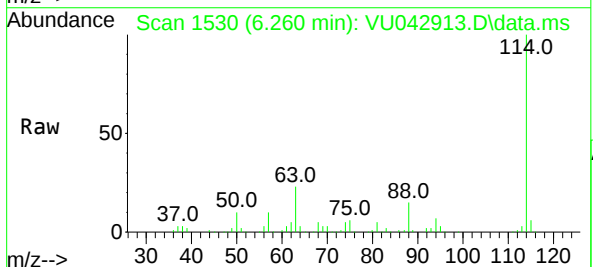
Instrument :
MSVOA_U
ClientSampled :
MW-7

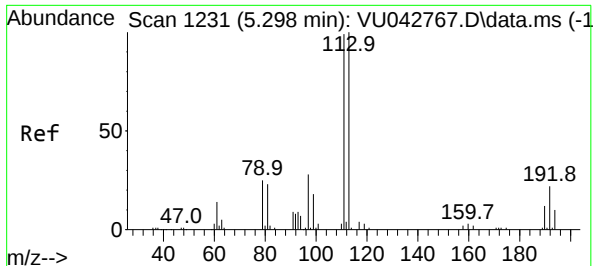
Tgt Ion: 65 Resp: 95102
Ion Ratio Lower Upper
65 100
67 51.3 0.0 98.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.260 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VU042913.D
Acq: 02 Apr 2021 22:07

Tgt Ion: 114 Resp: 192767
Ion Ratio Lower Upper
114 100
63 23.4 0.0 46.8
88 15.5 0.0 32.2

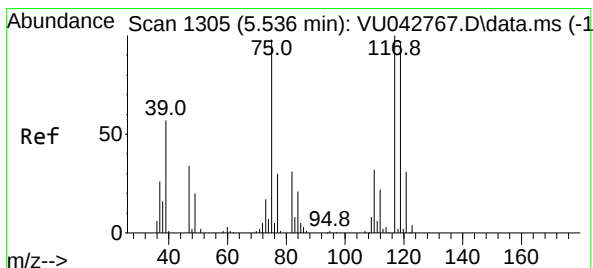
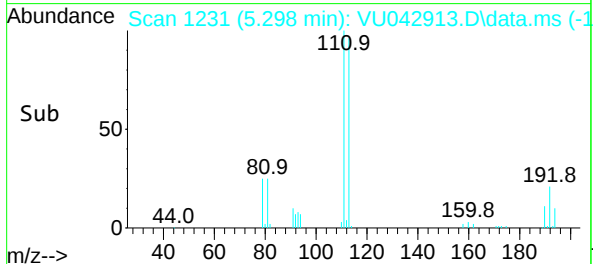
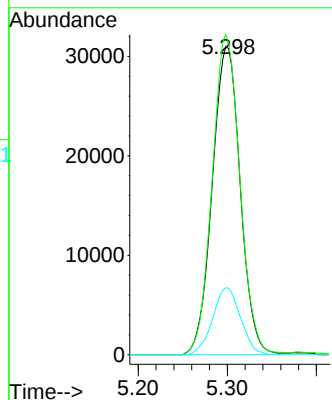
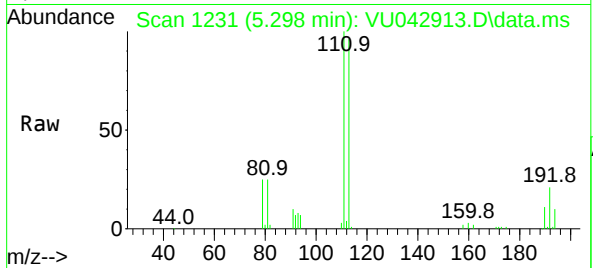




#35
Dibromofluoromethane
Concen: 46.99 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042913.D
Acq: 02 Apr 2021 22:07

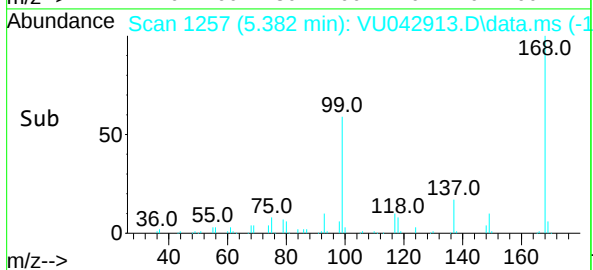
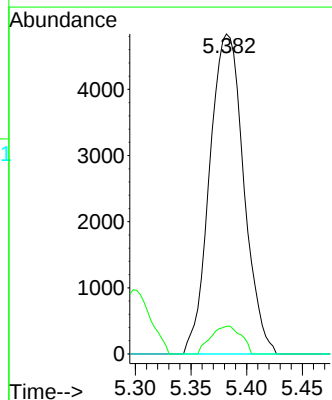
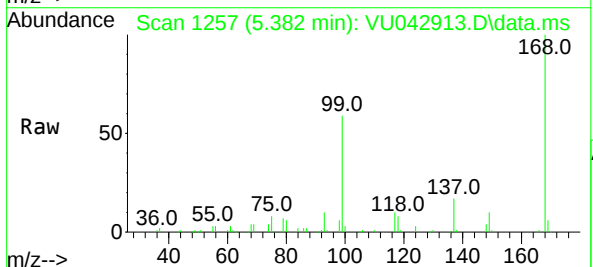
Instrument :
MSVOA_U
ClientSampleId :
MW-7

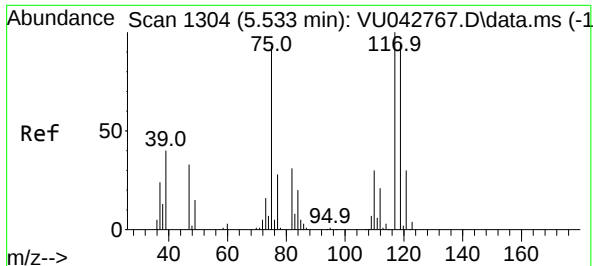
Tgt Ion:113 Resp: 67602
Ion Ratio Lower Upper
113 100
111 103.0 82.1 123.1
192 21.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.41 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.154 min
Lab File: VU042913.D
Acq: 02 Apr 2021 22:07

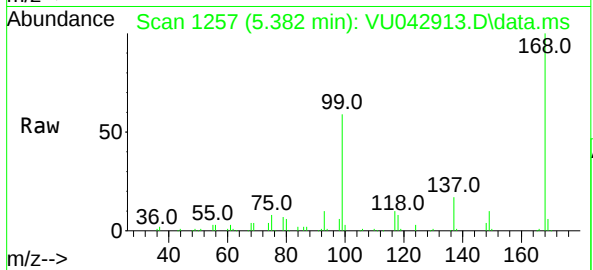
Tgt Ion: 75 Resp: 10314
Ion Ratio Lower Upper
75 100
110 7.7 16.6 49.7#
77 0.0 24.7 37.1#



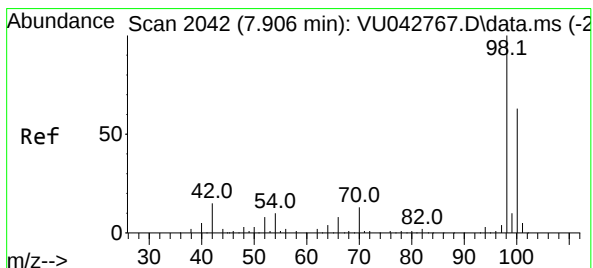
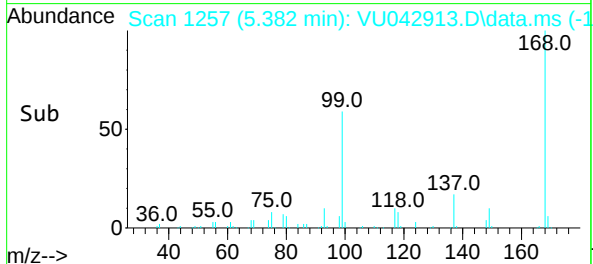
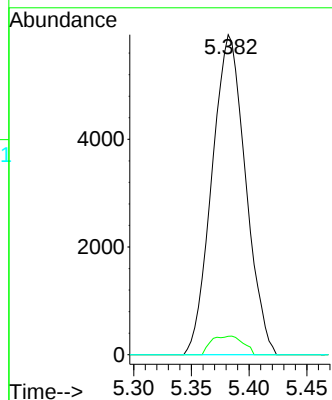


#38
Carbon Tetrachloride
Concen: 5.53 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042913.D
Acq: 02 Apr 2021 22:07

Instrument :
MSVOA_U
ClientSampled :
MW-7

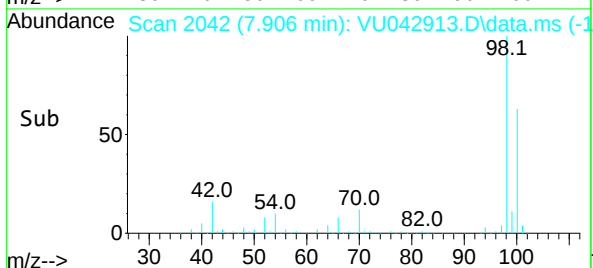
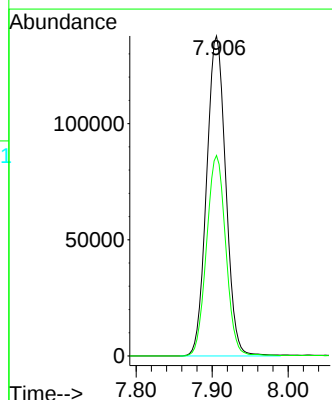
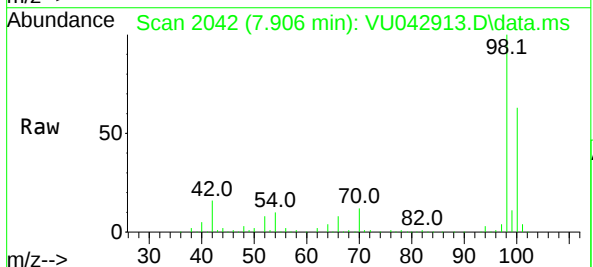


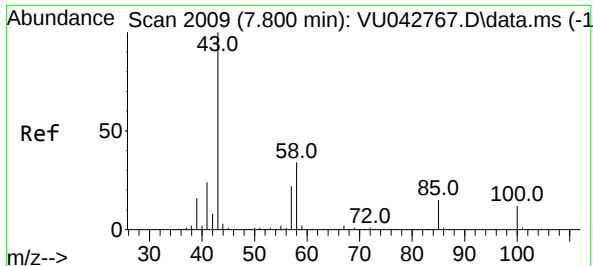
Tgt Ion:117 Resp: 12041
Ion Ratio Lower Upper
117 100
119 5.8 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 47.64 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042913.D
Acq: 02 Apr 2021 22:07

Tgt Ion: 98 Resp: 241099
Ion Ratio Lower Upper
98 100
100 62.5 50.4 75.6

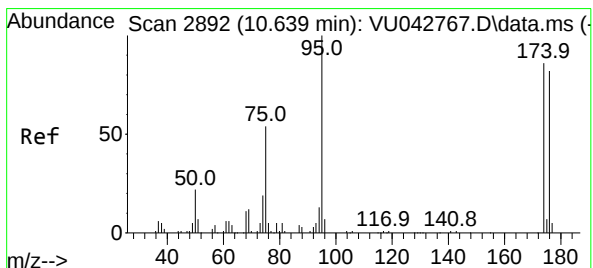
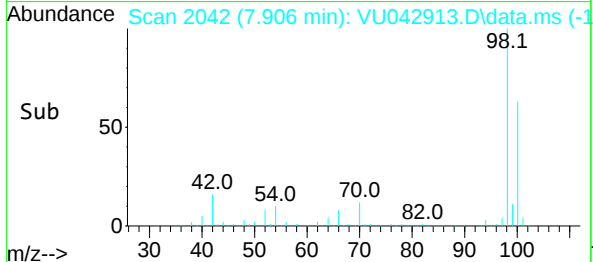
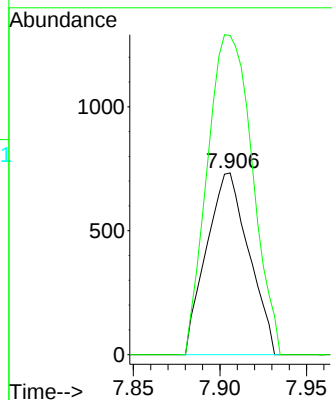
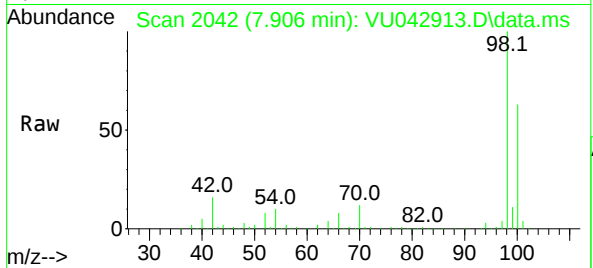




#51
4-Methyl-2-Pentanone
Concen: 0.40 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.106 min
Lab File: VU042913.D
Acq: 02 Apr 2021 22:07

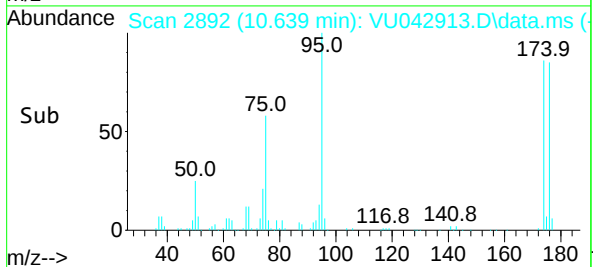
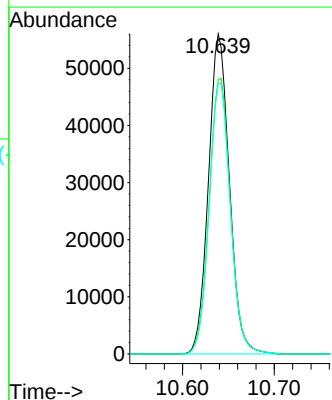
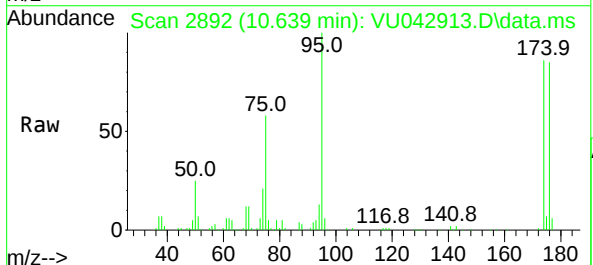
Instrument :
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ClientSampled :
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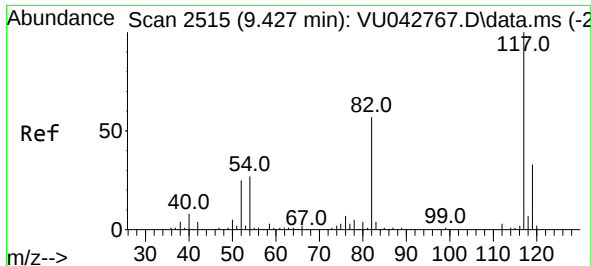
Tgt Ion: 43 Resp: 1245
Ion Ratio Lower Upper
43 100
58 187.2 27.4 41.2#



#62
4-Bromofluorobenzene
Concen: 45.17 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042913.D
Acq: 02 Apr 2021 22:07

Tgt Ion: 95 Resp: 88846
Ion Ratio Lower Upper
95 100
174 88.4 0.0 175.2
176 85.2 0.0 167.4

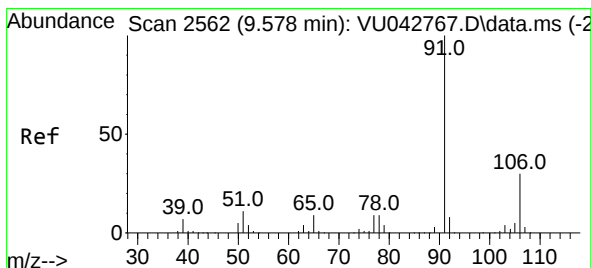
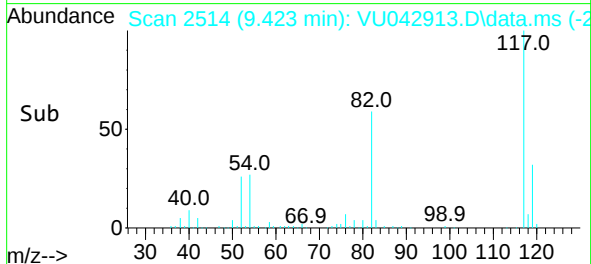
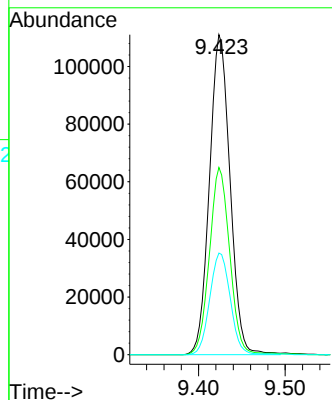
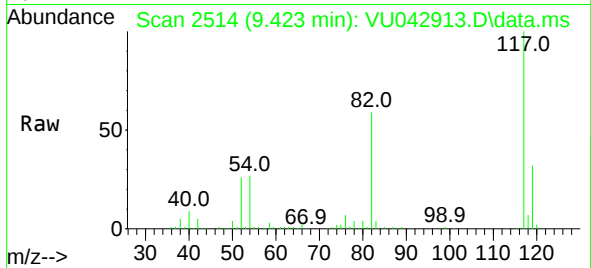




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042913.D
Acq: 02 Apr 2021 22:07

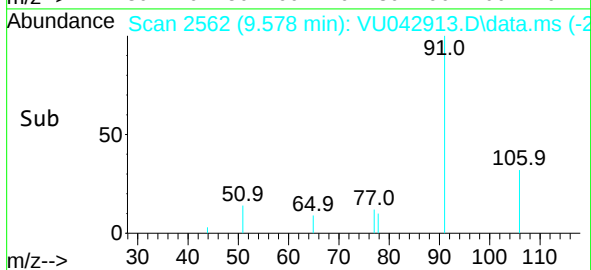
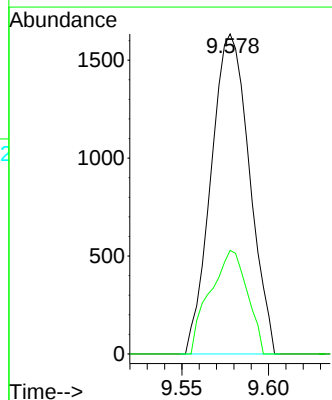
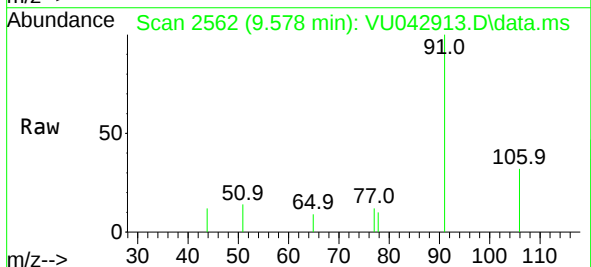
Instrument :
MSVOA_U
ClientSampleId :
MW-7

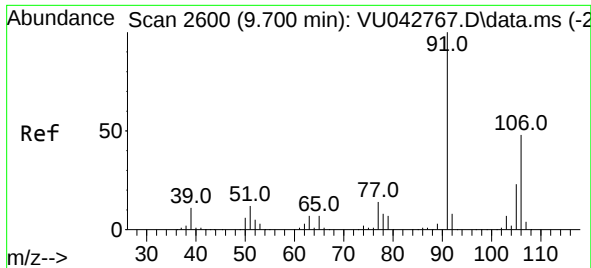
Tgt Ion:117 Resp: 183475
Ion Ratio Lower Upper
117 100
82 58.5 45.5 68.3
119 31.7 26.2 39.4



#67
Ethyl Benzene
Concen: 0.38 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042913.D
Acq: 02 Apr 2021 22:07

Tgt Ion: 91 Resp: 2517
Ion Ratio Lower Upper
91 100
106 32.4 24.1 36.1

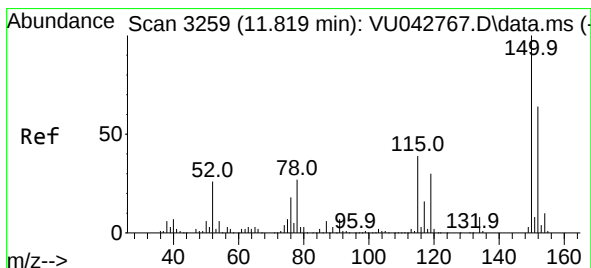
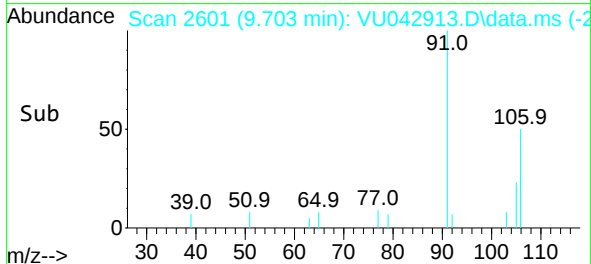
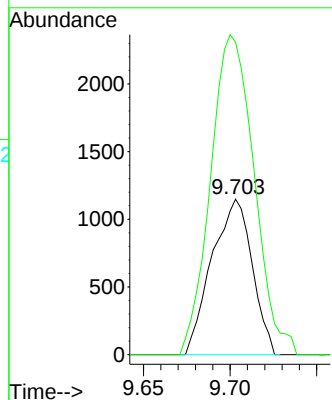
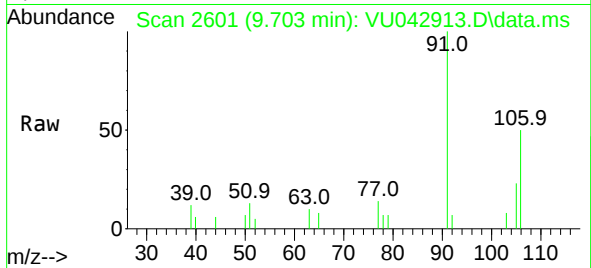




#68
m/p-Xylenes
Concen: 0.75 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU042913.D
Acq: 02 Apr 2021 22:07

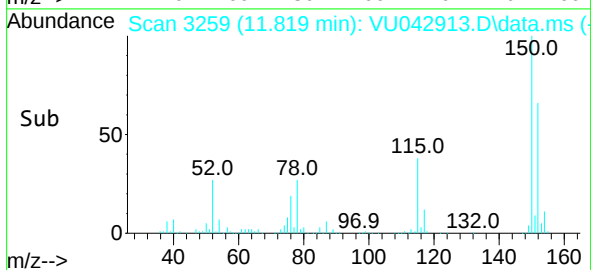
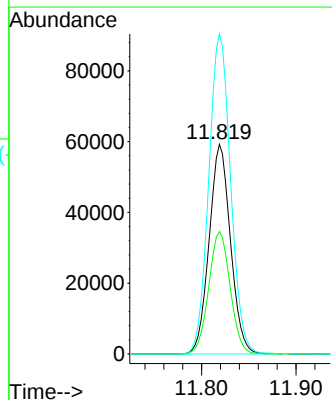
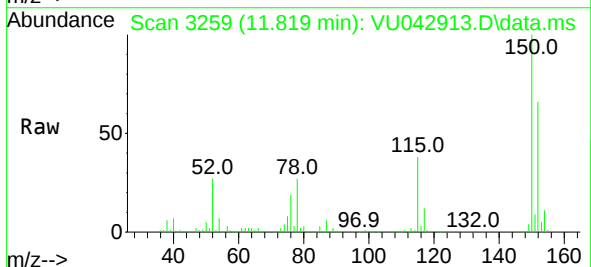
Instrument :
MSVOA_U
ClientSampled :
MW-7

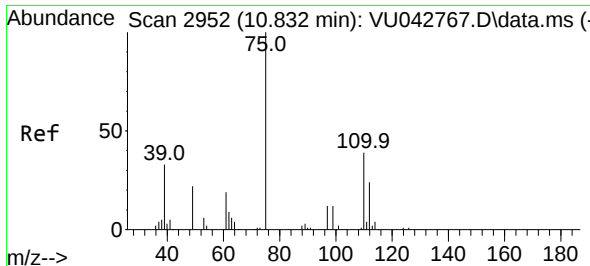
Tgt Ion:106 Resp: 1858
Ion Ratio Lower Upper
106 100
91 222.4 168.3 252.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042913.D
Acq: 02 Apr 2021 22:07

Tgt Ion:152 Resp: 93056
Ion Ratio Lower Upper
152 100
115 58.5 41.0 123.0
150 155.7 0.0 341.0

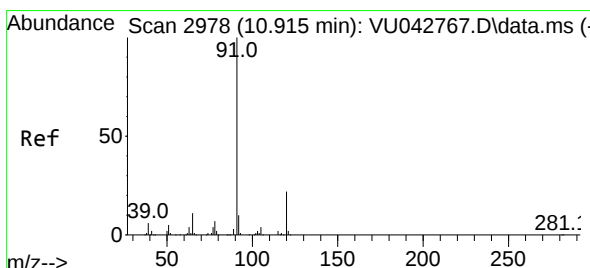
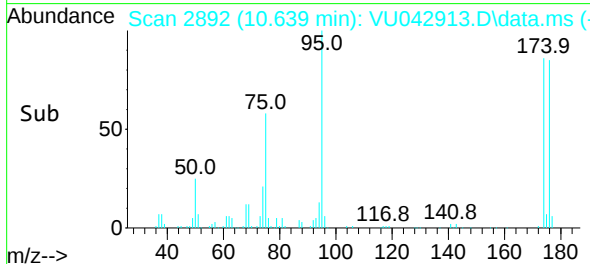
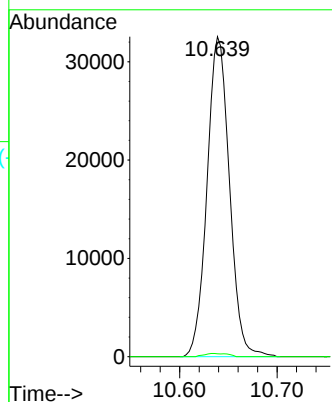
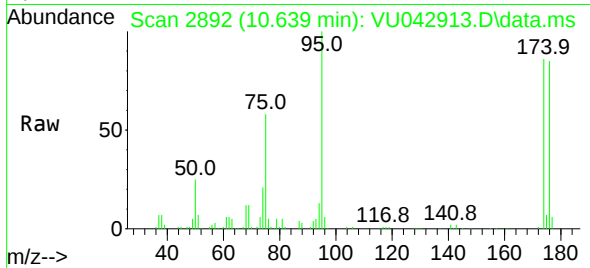




#76
1,2,3-Trichloropropane
Concen: 21.98 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042913.D
Acq: 02 Apr 2021 22:07

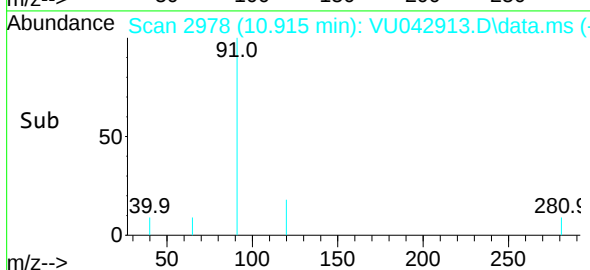
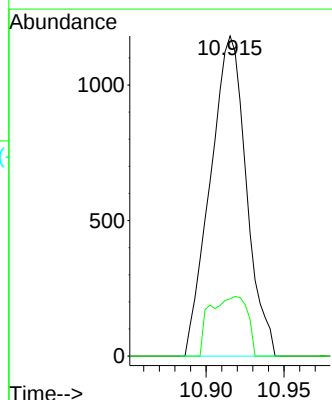
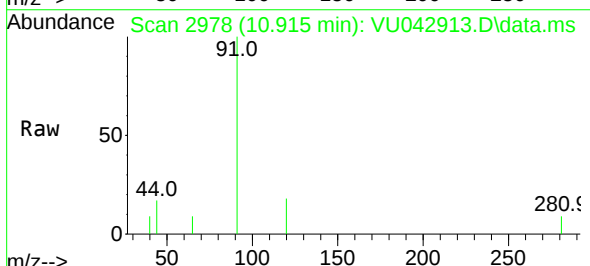
Instrument :
MSVOA_U
ClientSampled :
MW-7

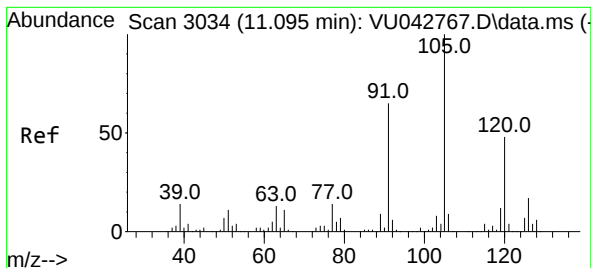
Tgt Ion: 75 Resp: 52006
Ion Ratio Lower Upper
75 100
77 1.1 19.6 58.8#



#78
n-propylbenzene
Concen: 0.27 ug/l
RT: 10.915 min Scan# 2978
Delta R.T. -0.000 min
Lab File: VU042913.D
Acq: 02 Apr 2021 22:07

Tgt Ion: 91 Resp: 1897
Ion Ratio Lower Upper
91 100
120 19.3 11.1 33.1

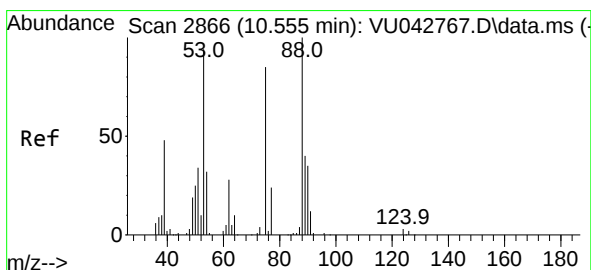
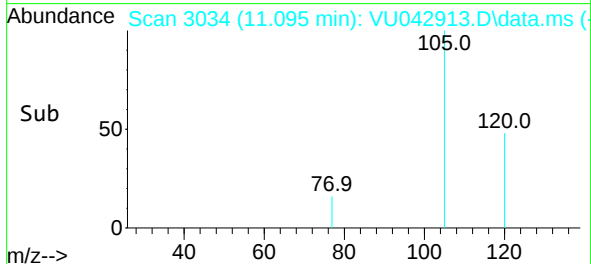
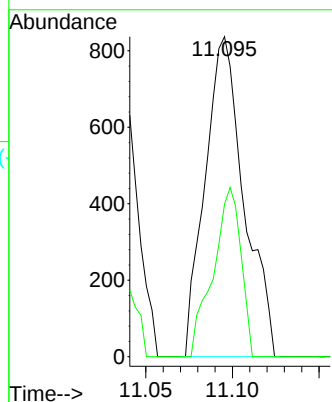
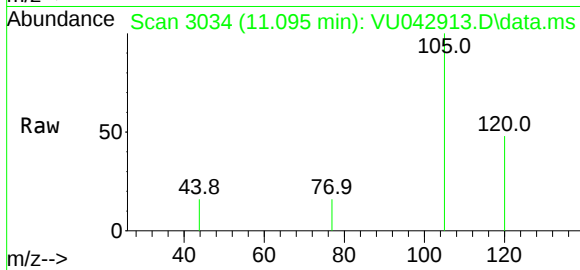




#80
1,3,5-Trimethylbenzene
Concen: 0.26 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042913.D
Acq: 02 Apr 2021 22:07

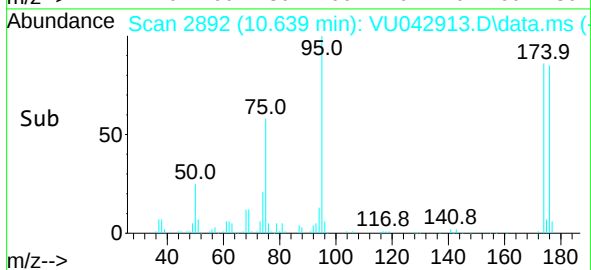
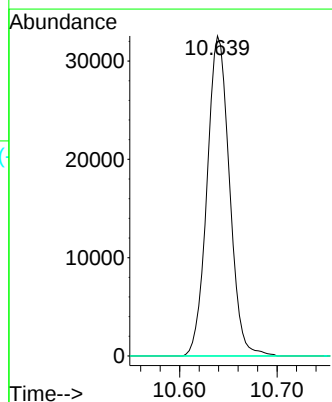
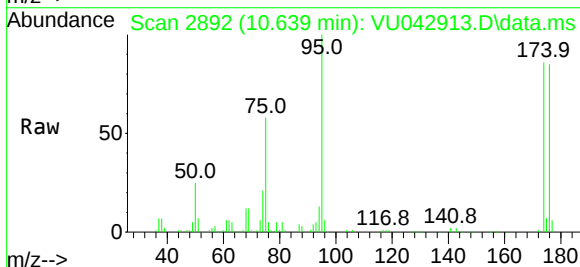
Instrument :
MSVOA_U
ClientSampled :
MW-7

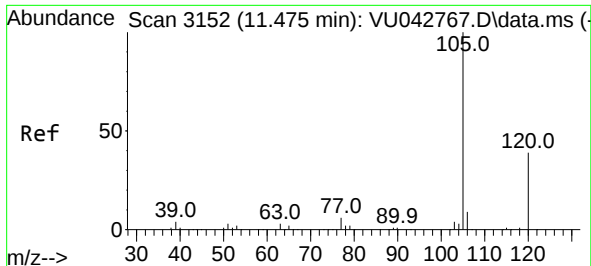
Tgt Ion:105 Resp: 1309
Ion Ratio Lower Upper
105 100
120 37.7 23.4 70.2



#81
trans-1,4-Dichloro-2-butene
Concen: 65.11 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU042913.D
Acq: 02 Apr 2021 22:07

Tgt Ion: 75 Resp: 52006
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#

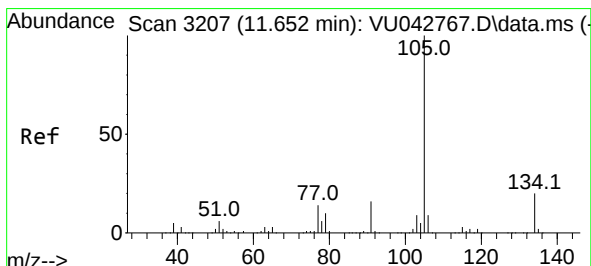
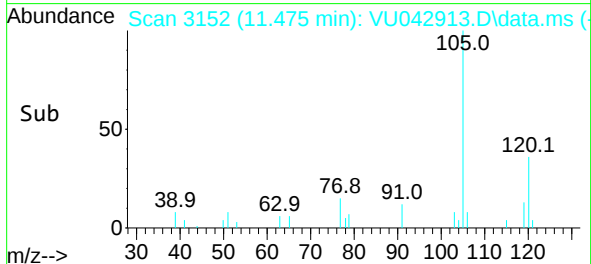
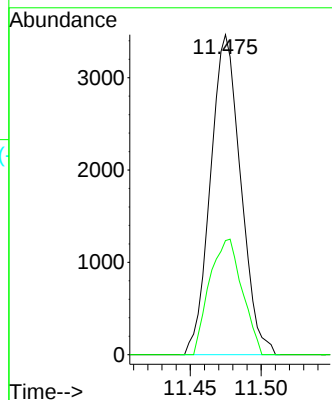
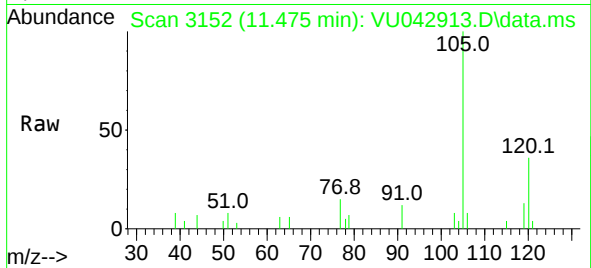




#84
1,2,4-Trimethylbenzene
Concen: 1.00 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042913.D
Acq: 02 Apr 2021 22:07

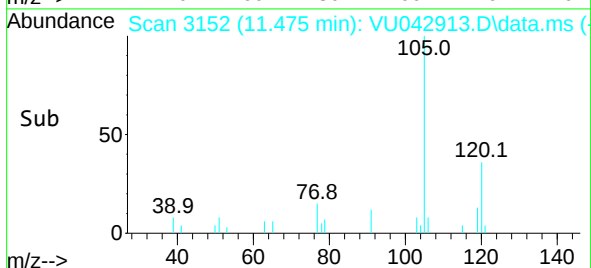
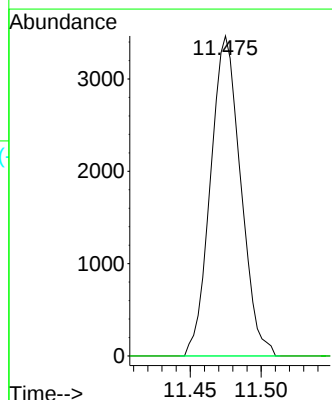
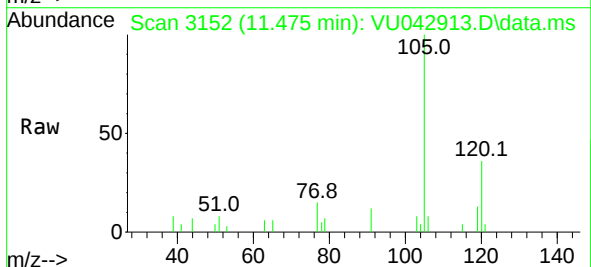
Instrument :
MSVOA_U
ClientSampled :
MW-7

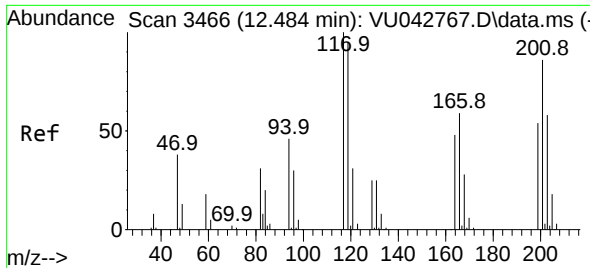
Tgt Ion:105 Resp: 5138
Ion Ratio Lower Upper
105 100
120 38.9 22.3 66.8



#85
sec-Butylbenzene
Concen: 0.89 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.177 min
Lab File: VU042913.D
Acq: 02 Apr 2021 22:07

Tgt Ion:105 Resp: 5138
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.5#

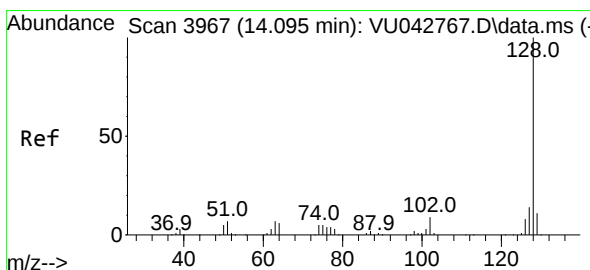
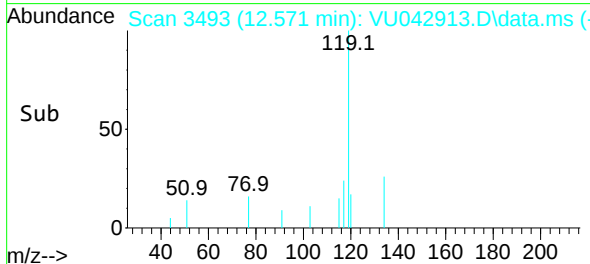
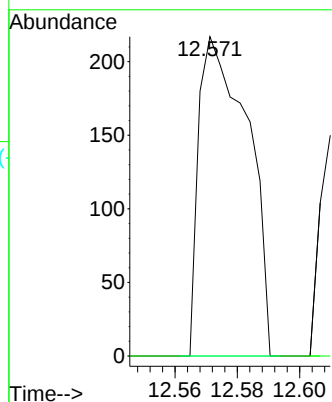
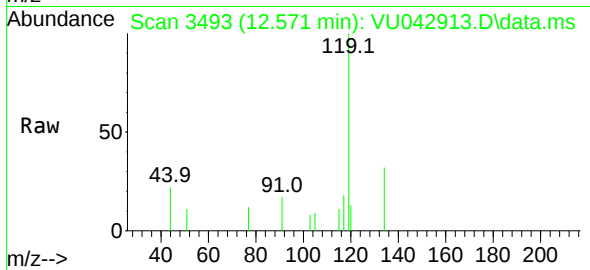




#90
Hexachloroethane
Concen: 0.24 ug/l
RT: 12.571 min Scan# 3493
Delta R.T. 0.087 min
Lab File: VU042913.D
Acq: 02 Apr 2021 22:07

Instrument :
MSVOA_U
ClientSampleId :
MW-7

Tgt Ion:117 Resp: 236
Ion Ratio Lower Upper
117 100
201 0.0 43.5 130.7#



#95
Naphthalene
Concen: 3.14 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042913.D
Acq: 02 Apr 2021 22:07

Tgt Ion:128 Resp: 3757
Ion Ratio Lower Upper
128 100
127 8.3 10.9 16.3#
129 9.5 8.7 13.1

