

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041421\
 Data File : VU043106.D
 Acq On : 14 Apr 2021 19:45
 Operator : SY/MD
 Sample : M2026-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 15 02:09:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

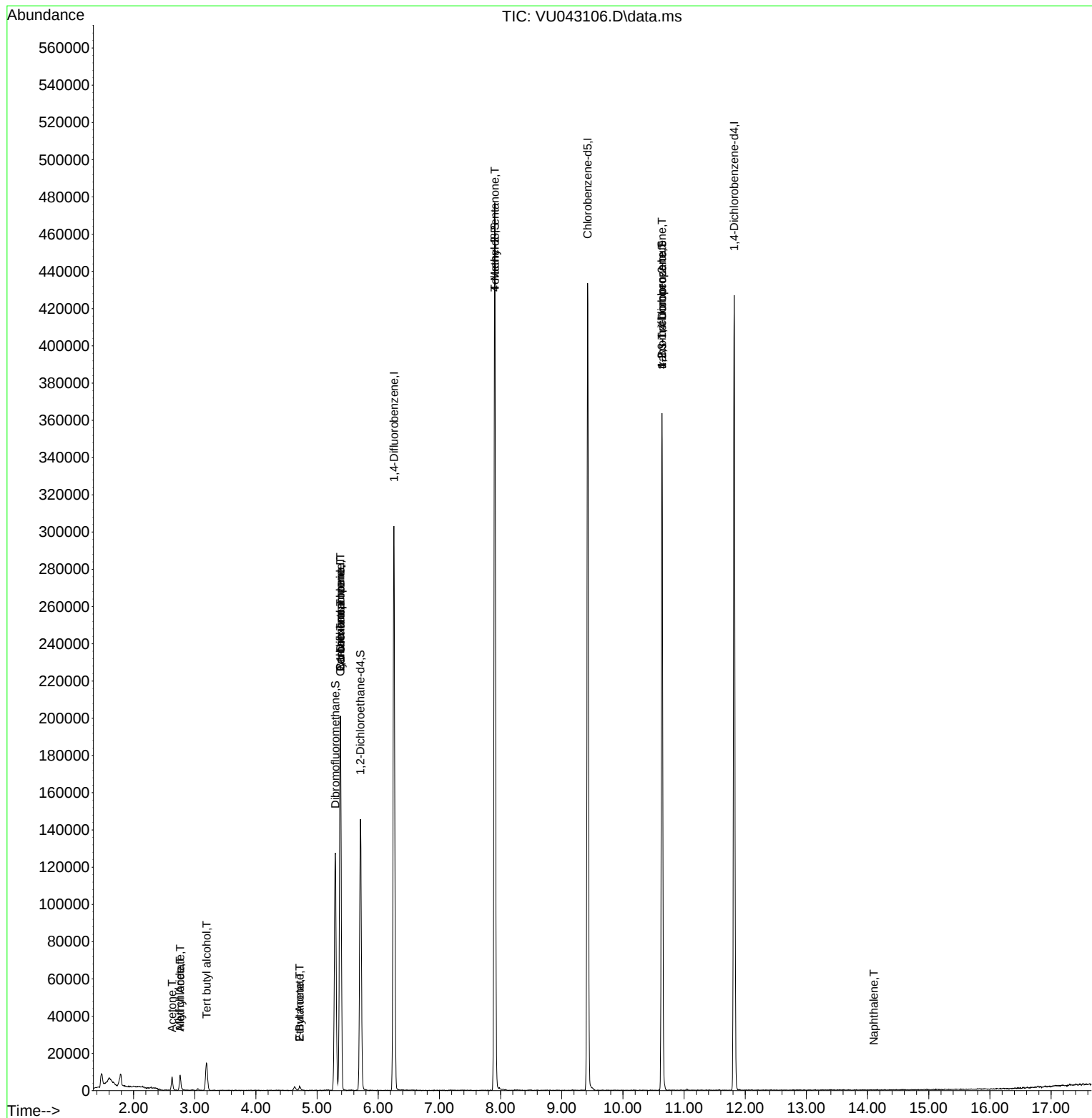
Internal Standards						
1) Pentafluorobenzene	5.382	168	138707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	224606	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	214624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	103679	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	111555	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
35) Dibromofluoromethane	5.298	113	77878	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
50) Toluene-d8	7.906	98	288645	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
62) 4-Bromofluorobenzene	10.639	95	105622	44.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.34%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	270	Below Cal		98
11) Tert butyl alcohol	3.195	59	9606	15.98 ug/l #		94
14) Allyl chloride	2.758	41	713	0.23 ug/l #		55
16) Acetone	2.629	43	8031	5.56 ug/l		93
18) Methyl Acetate	2.761	43	2270	0.78 ug/l #		55
25) 2-Butanone	4.713	43	3512	1.66 ug/l		97
31) Cyclohexane	5.378	56	3129	1.09 ug/l #		1
36) 1,1-Dichloropropene	5.382	75	10768	4.52 ug/l #		50
37) Ethyl Acetate	4.713	43	3512	0.86 ug/l #		71
38) Carbon Tetrachloride	5.382	117	13720	5.37 ug/l #		16
51) 4-Methyl-2-Pentanone	7.906	43	1565	0.36 ug/l #		1
76) 1,2,3-Trichloropropane	10.639	75	62124	20.51 ug/l #		36
81) trans-1,4-Dichloro-2-b...	10.639	75	62124	60.25 ug/l #		7
95) Naphthalene	14.105	128	42	2.75 ug/l #		69

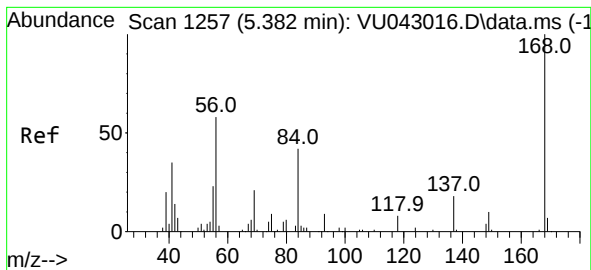
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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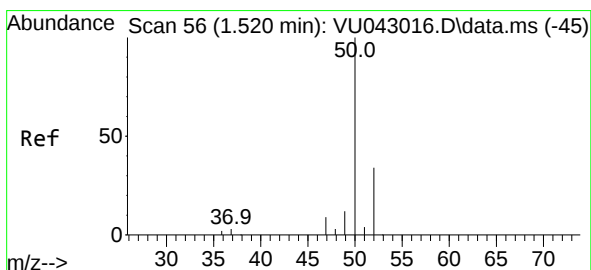
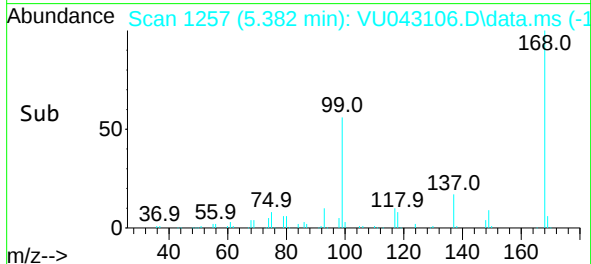
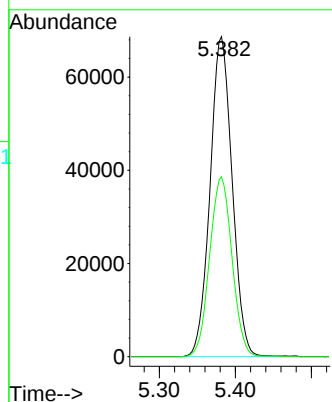
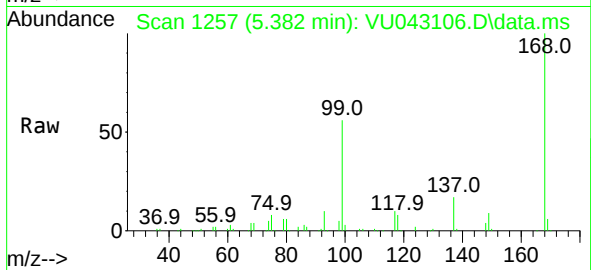




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043106.D
Acq: 14 Apr 2021 19:45

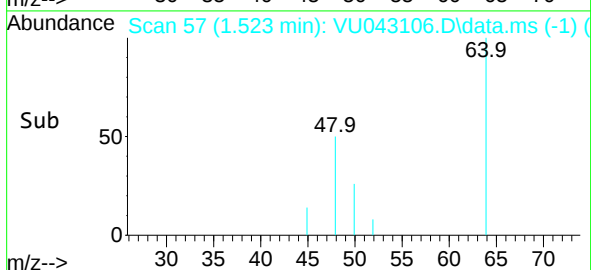
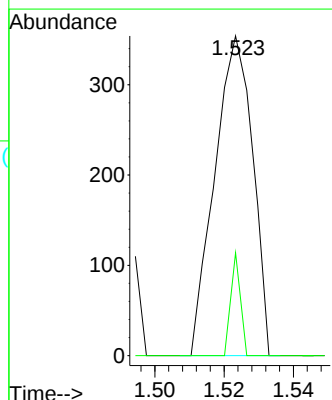
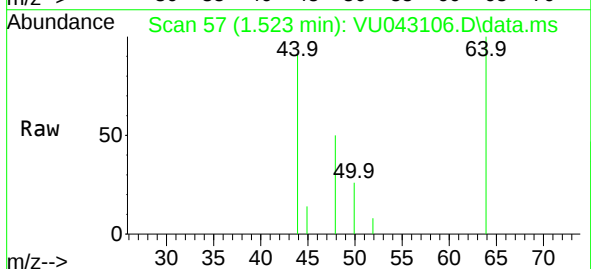
Instrument :
MSVOA_U
ClientSampled :

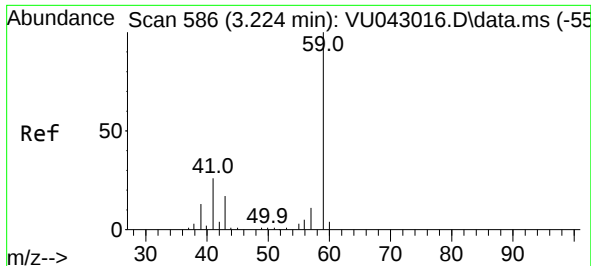
Tgt Ion:168 Resp: 138707
Ion Ratio Lower Upper
168 100
99 56.2 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043106.D
Acq: 14 Apr 2021 19:45

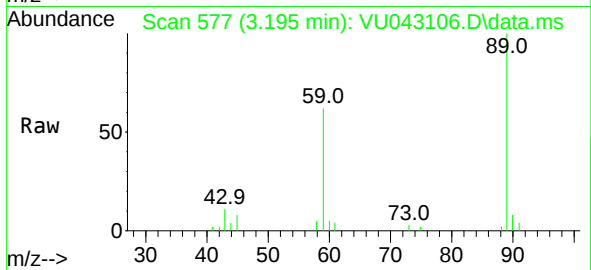
Tgt Ion: 50 Resp: 270
Ion Ratio Lower Upper
50 100
52 32.2 26.6 40.0



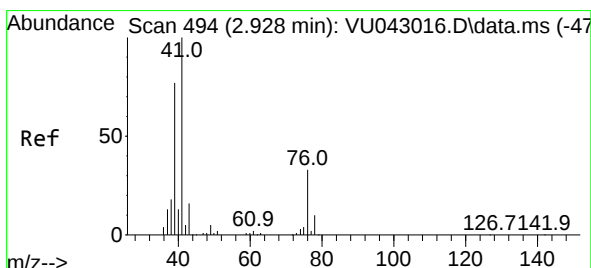
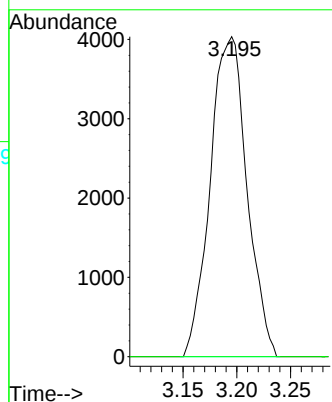
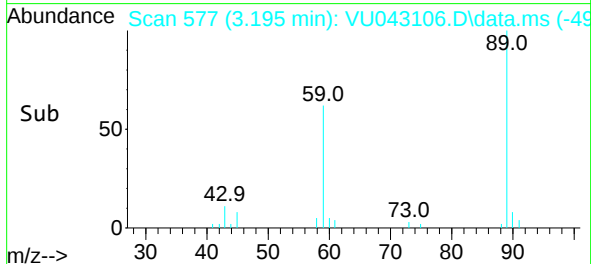


#11
Tert butyl alcohol
Concen: 15.98 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.029 min
Lab File: VU043106.D
Acq: 14 Apr 2021 19:45

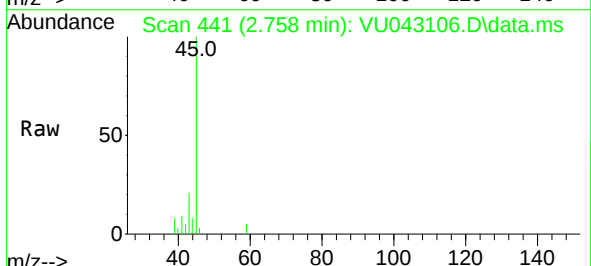
Instrument :
MSVOA_U
ClientSampleId :



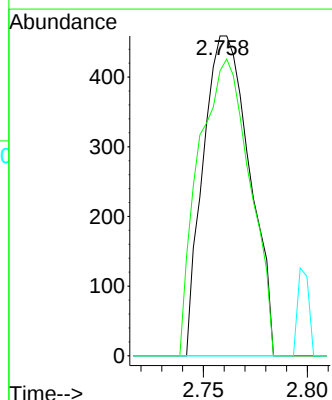
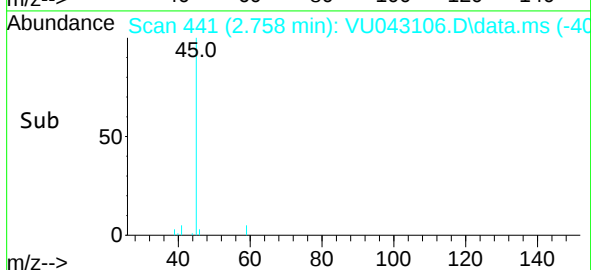
Tgt Ion: 59 Resp: 9606
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#14
Allyl chloride
Concen: 0.23 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.170 min
Lab File: VU043106.D
Acq: 14 Apr 2021 19:45



Tgt Ion: 41 Resp: 713
Ion Ratio Lower Upper
41 100
39 102.1 54.9 82.3#
76 0.0 22.5 33.7#

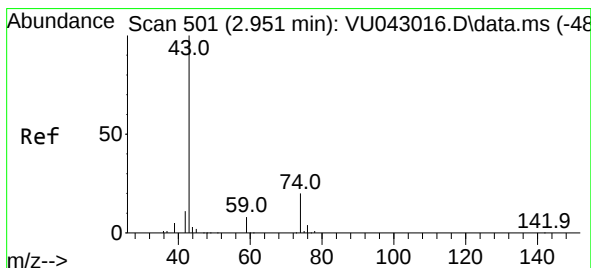
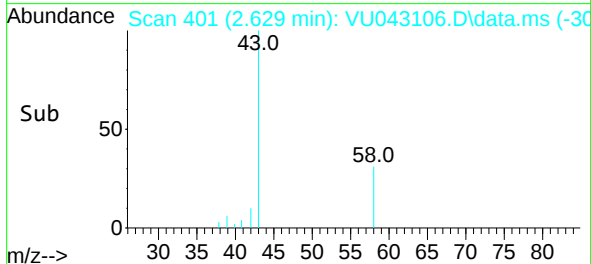
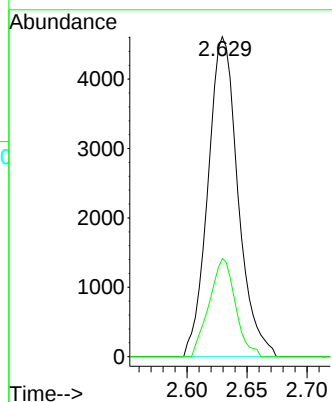
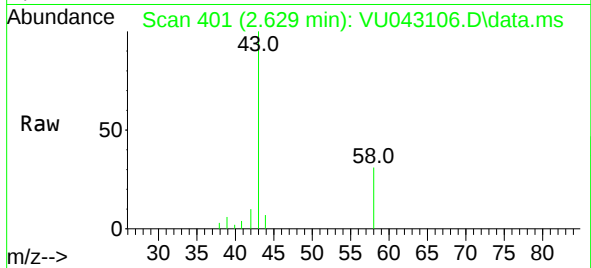




#16
Acetone
Concen: 5.56 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU043106.D
Acq: 14 Apr 2021 19:45

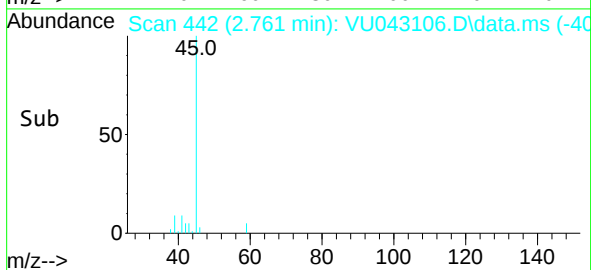
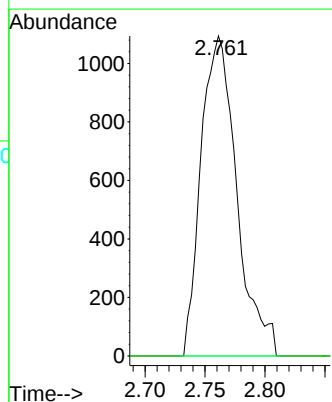
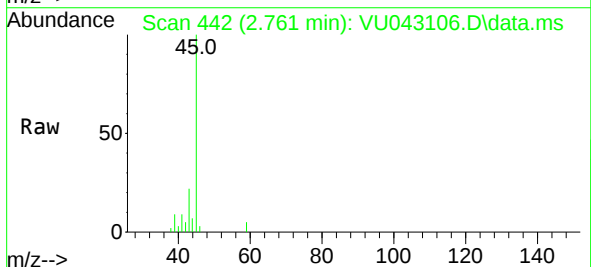
Instrument :
MSVOA_U
ClientSampled :

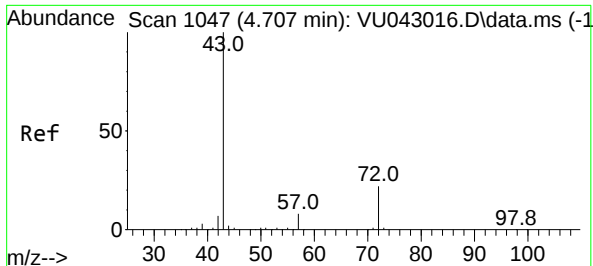
Tgt Ion: 43 Resp: 8031
Ion Ratio Lower Upper
43 100
58 30.7 21.5 32.3



#18
Methyl Acetate
Concen: 0.78 ug/l
RT: 2.761 min Scan# 442
Delta R.T. -0.190 min
Lab File: VU043106.D
Acq: 14 Apr 2021 19:45

Tgt Ion: 43 Resp: 2270
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#

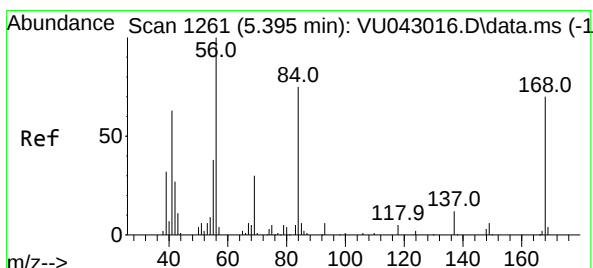
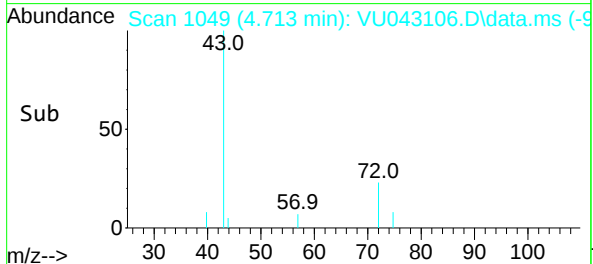
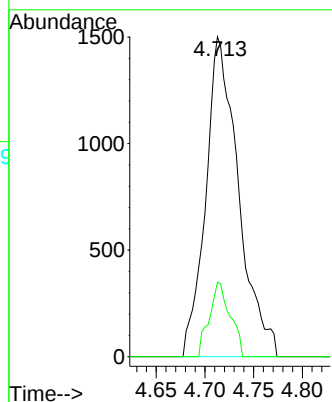
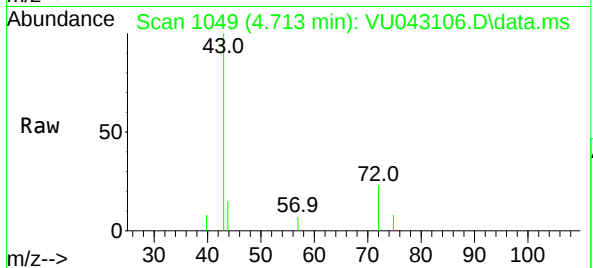




#25
2-Butanone
Concen: 1.66 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU043106.D
Acq: 14 Apr 2021 19:45

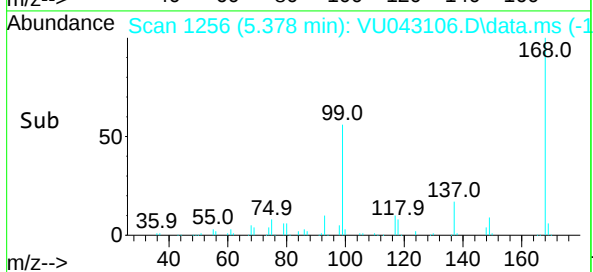
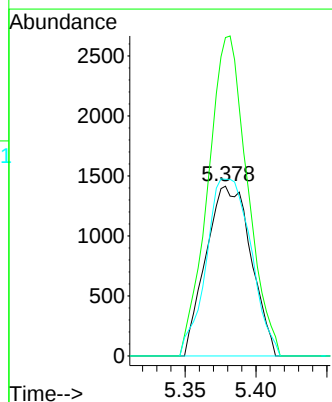
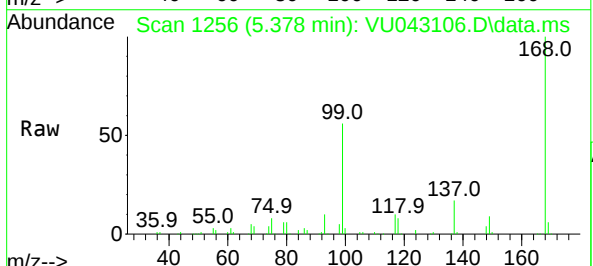
Instrument :
MSVOA_U
ClientSampled :

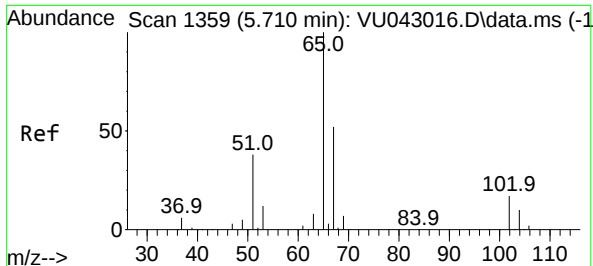
Tgt Ion: 43 Resp: 3512
Ion Ratio Lower Upper
43 100
72 23.3 17.4 26.0



#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.017 min
Lab File: VU043106.D
Acq: 14 Apr 2021 19:45

Tgt Ion: 56 Resp: 3129
Ion Ratio Lower Upper
56 100
69 187.5 24.9 37.3#
84 104.0 63.7 95.5#





#33

1,2-Dichloroethane-d4

Concen: 47.84 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043106.D

Acq: 14 Apr 2021 19:45

Tgt Ion: 65 Resp: 111555

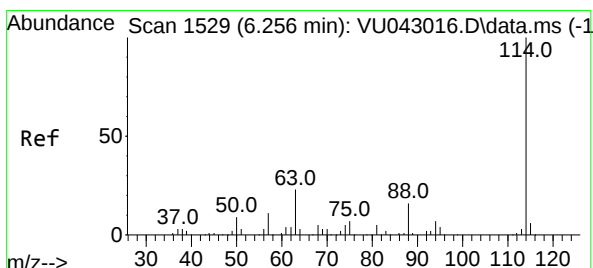
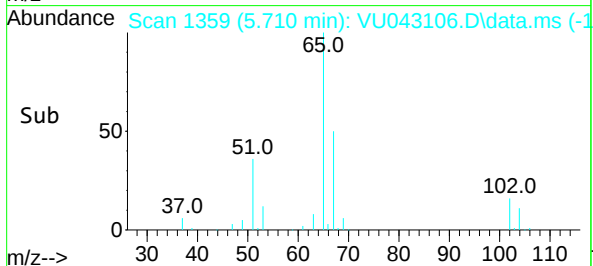
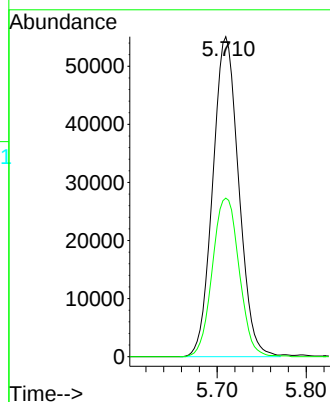
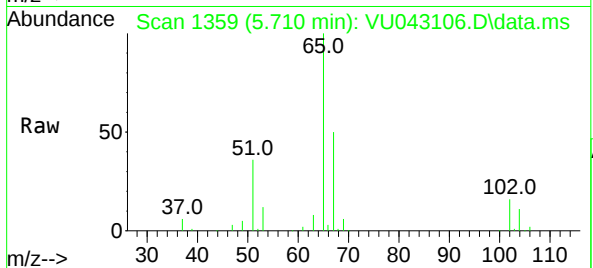
Ion Ratio Lower Upper

65	100		
67	51.2	0.0	99.8

Instrument :

MSVOA_U

ClientSampled :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

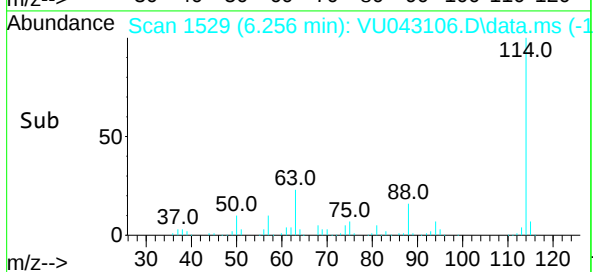
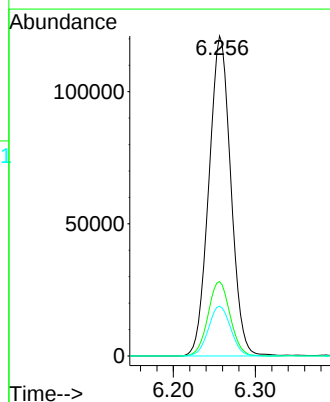
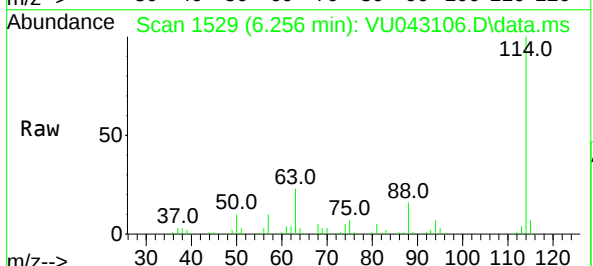
Lab File: VU043106.D

Acq: 14 Apr 2021 19:45

Tgt Ion: 114 Resp: 224606

Ion Ratio Lower Upper

114	100		
63	23.3	0.0	44.2
88	15.6	0.0	33.4





#35

Dibromofluoromethane

Concen: 46.14 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043106.D

Acq: 14 Apr 2021 19:45

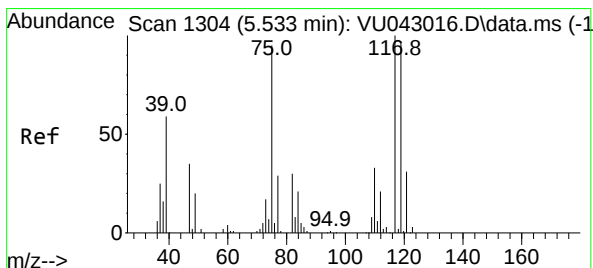
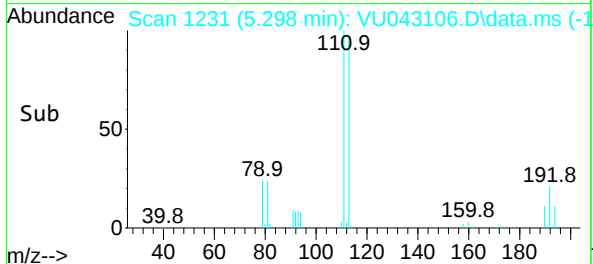
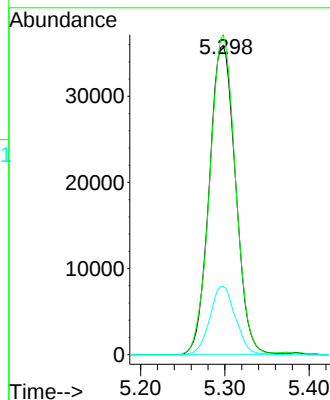
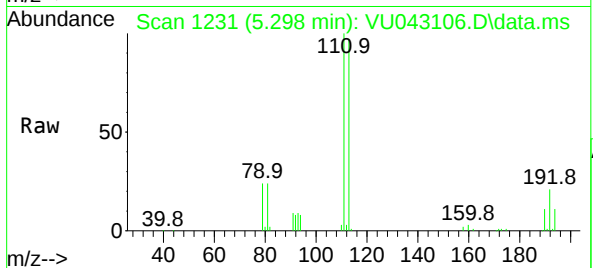
Tgt Ion:113 Resp: 77878

Ion Ratio Lower Upper

113 100

111 101.0 81.8 122.8

192 21.5 17.2 25.8



#36

1,1-Dichloropropene

Concen: 4.52 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.151 min

Lab File: VU043106.D

Acq: 14 Apr 2021 19:45

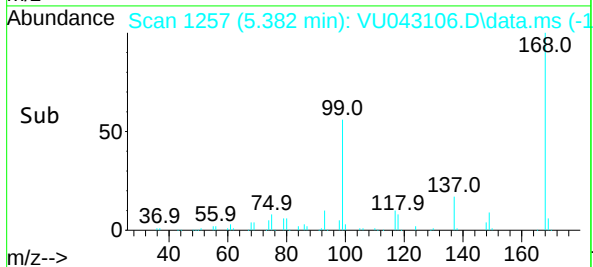
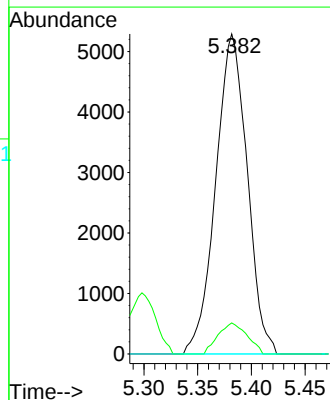
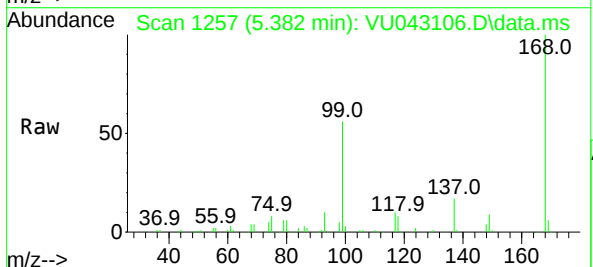
Tgt Ion: 75 Resp: 10768

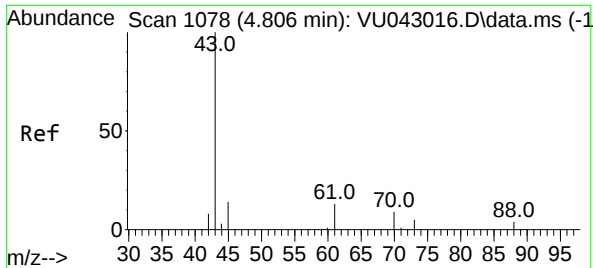
Ion Ratio Lower Upper

75 100

110 8.9 16.8 50.3#

77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.86 ug/l

RT: 4.713 min Scan# 1049

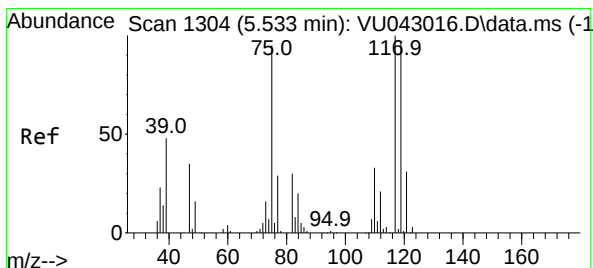
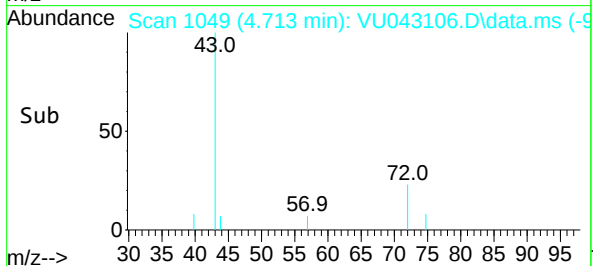
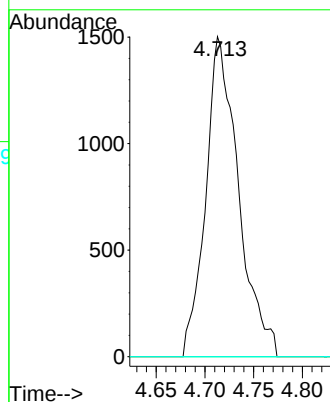
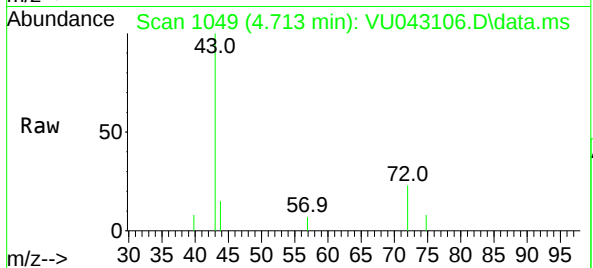
Delta R.T. -0.093 min

Lab File: VU043106.D

Acq: 14 Apr 2021 19:45

Tgt Ion: 43	Resp:	3512
Ion Ratio	Lower	Upper
43	100	
61	0.0	10.1
70	0.0	7.2
		15.1#
		10.8#

Instrument :
MSVOA_U
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.37 ug/l

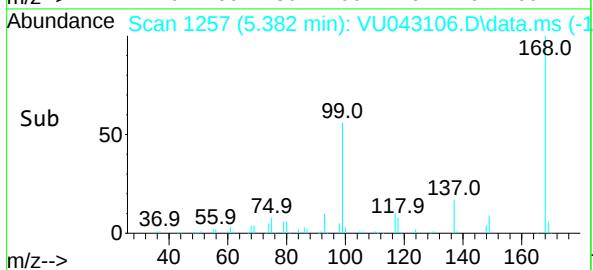
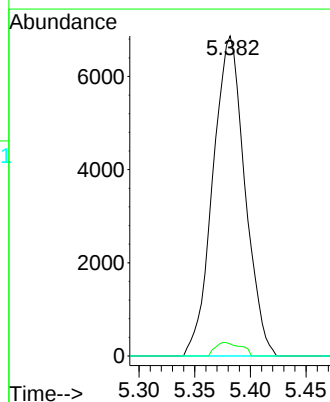
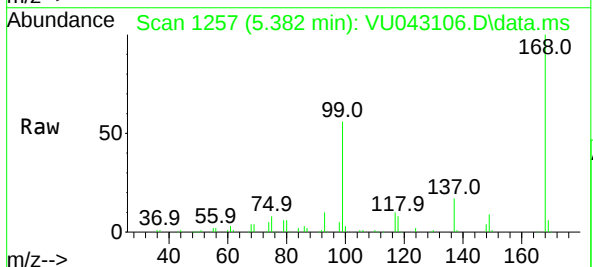
RT: 5.382 min Scan# 1257

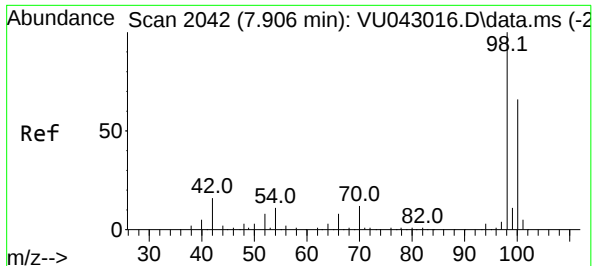
Delta R.T. -0.151 min

Lab File: VU043106.D

Acq: 14 Apr 2021 19:45

Tgt Ion: 117	Resp:	13720
Ion Ratio	Lower	Upper
117	100	
119	3.8	75.5
121	0.0	24.7
		113.3#
		37.1#





#50

Toluene-d8

Concen: 48.33 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU043106.D

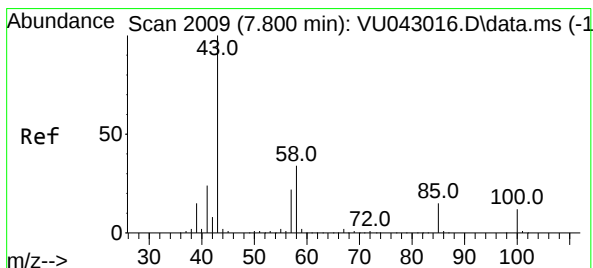
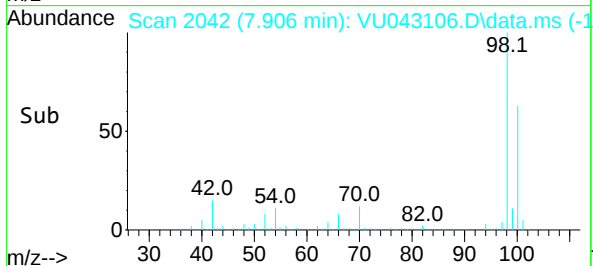
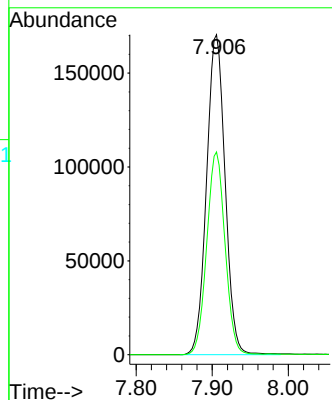
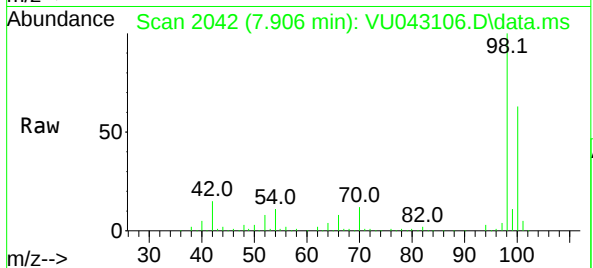
Acq: 14 Apr 2021 19:45

Tgt Ion: 98 Resp: 288645

Ion Ratio Lower Upper

98 100

100 62.5 50.2 75.2



#51

4-Methyl-2-Pentanone

Concen: 0.36 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. 0.106 min

Lab File: VU043106.D

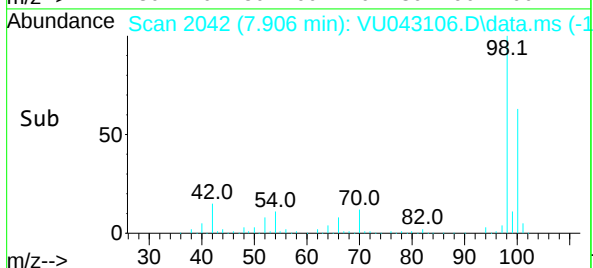
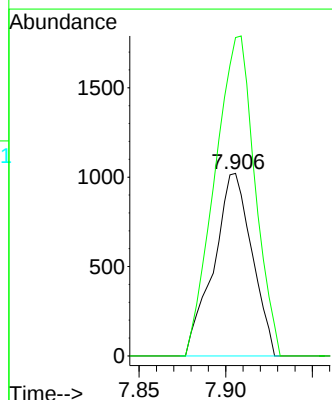
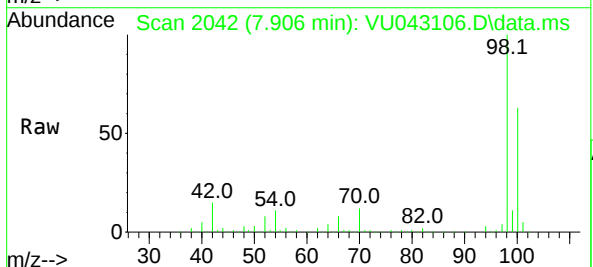
Acq: 14 Apr 2021 19:45

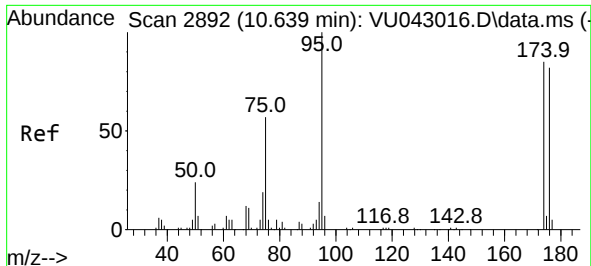
Tgt Ion: 43 Resp: 1565

Ion Ratio Lower Upper

43 100

58 183.6 28.1 42.1#

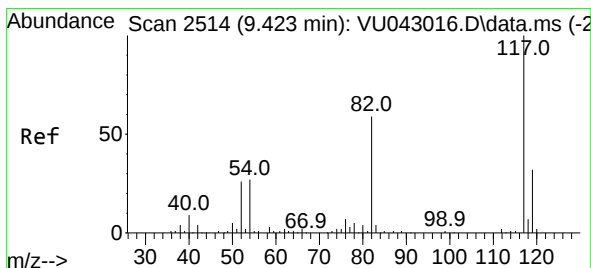
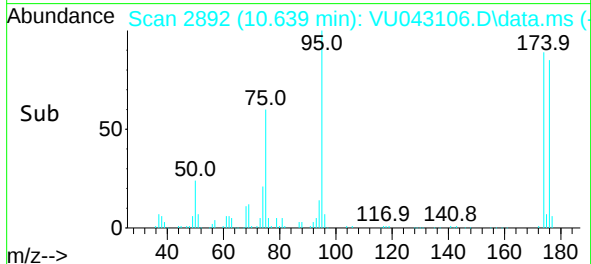
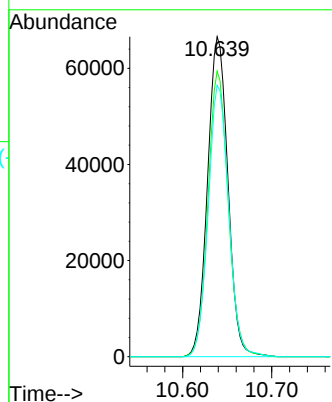
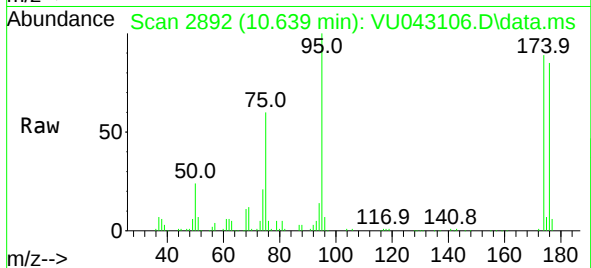




#62
4-Bromofluorobenzene
Concen: 44.17 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043106.D
Acq: 14 Apr 2021 19:45

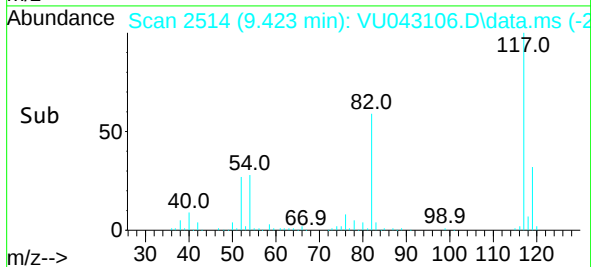
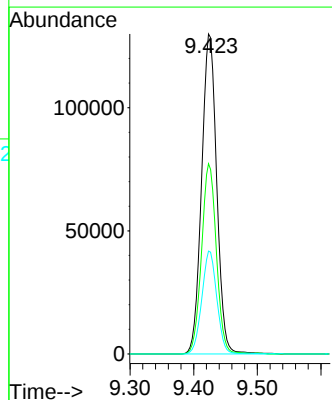
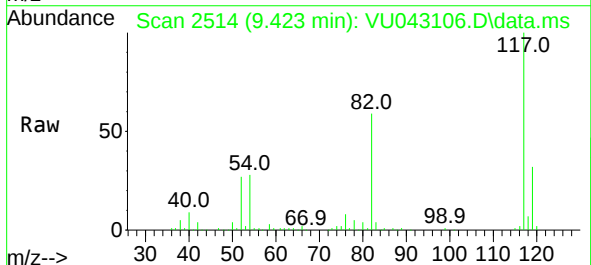
Instrument :
MSVOA_U
ClientSampleId :

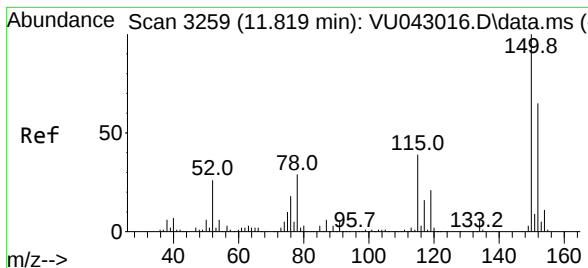
Tgt Ion: 95 Resp: 105622
Ion Ratio Lower Upper
95 100
174 88.4 0.0 172.2
176 85.5 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043106.D
Acq: 14 Apr 2021 19:45

Tgt Ion: 117 Resp: 214624
Ion Ratio Lower Upper
117 100
82 59.4 45.8 68.6
119 32.2 25.8 38.8

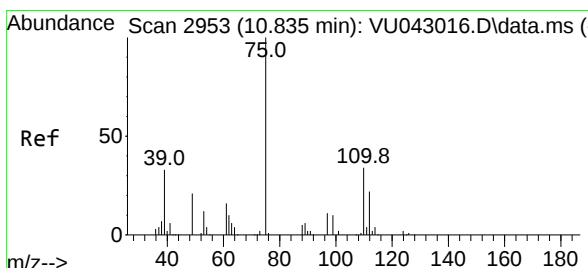
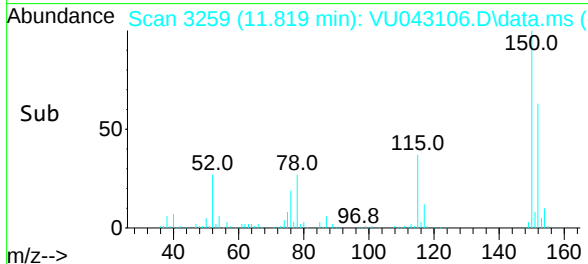
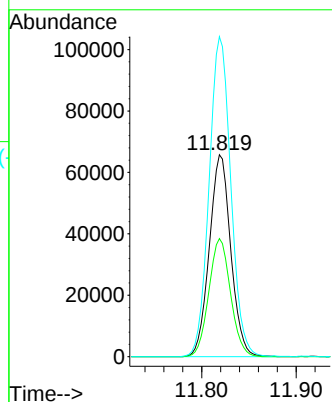
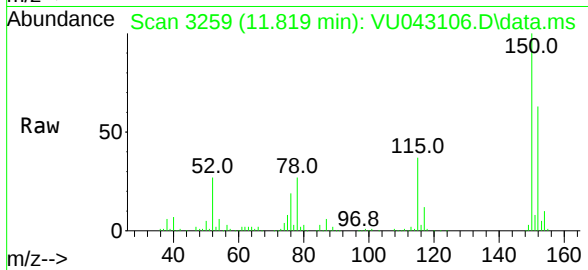




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043106.D
 Acq: 14 Apr 2021 19:45

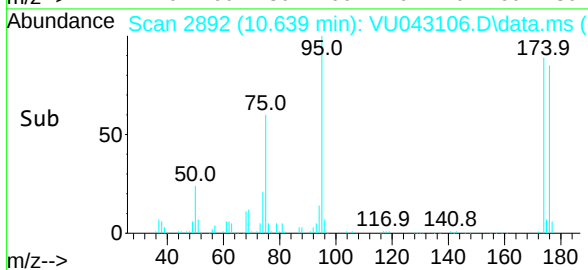
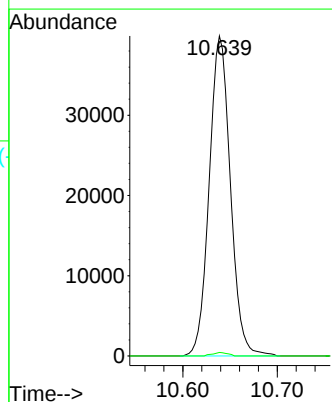
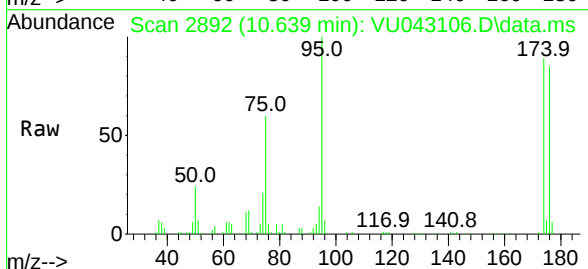
Instrument :
 MSVOA_U
 ClientSampled :

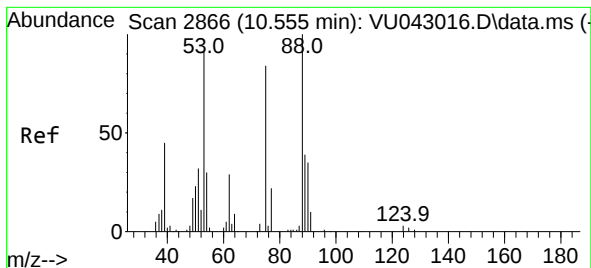
Tgt Ion:152 Resp: 103679
 Ion Ratio Lower Upper
 152 100
 115 59.0 41.5 124.6
 150 160.0 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 20.51 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043106.D
 Acq: 14 Apr 2021 19:45

Tgt Ion: 75 Resp: 62124
 Ion Ratio Lower Upper
 75 100
 77 0.8 20.2 60.5#

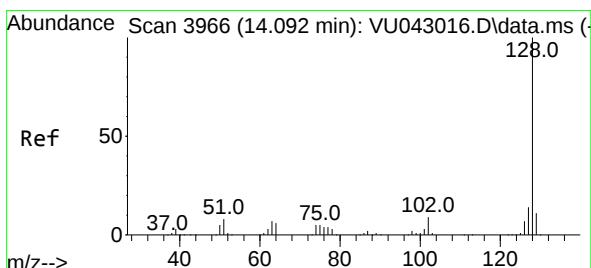
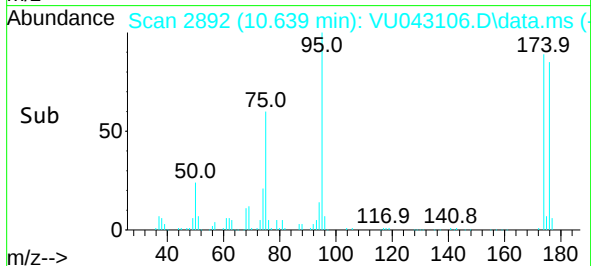
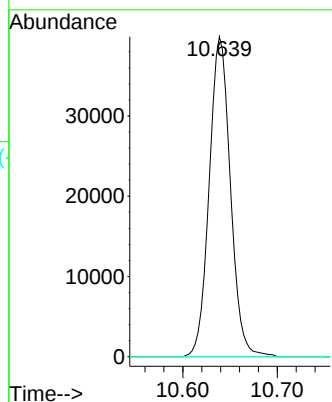
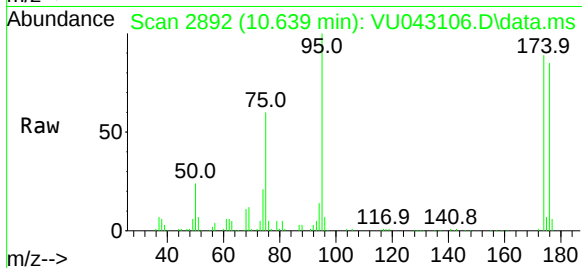




#81
trans-1,4-Dichloro-2-butene
Concen: 60.25 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043106.D
Acq: 14 Apr 2021 19:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 62124
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.75 ug/l
RT: 14.105 min Scan# 3970
Delta R.T. 0.013 min
Lab File: VU043106.D
Acq: 14 Apr 2021 19:45

Tgt Ion:128 Resp: 42
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

