

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041421\
 Data File : VU043102.D
 Acq On : 14 Apr 2021 18:13
 Operator : SY/MD
 Sample : M2002-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 15 02:08:54 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)

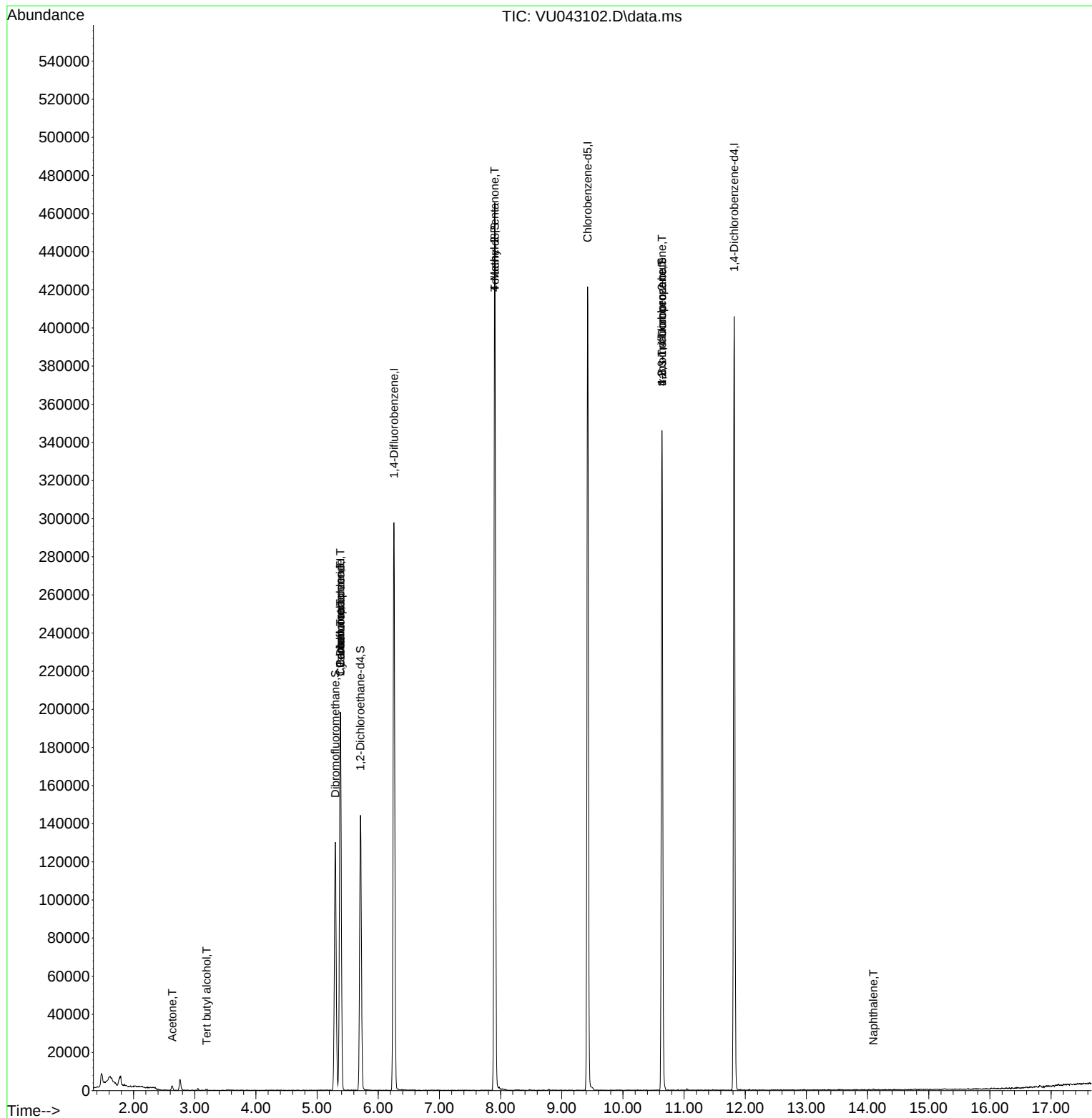
Internal Standards						
1) Pentafluorobenzene	5.382	168	136781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	223314	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	210897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	101184	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	110596	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
35) Dibromofluoromethane	5.298	113	76653	45.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.36%	
50) Toluene-d8	7.906	98	282479	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
62) 4-Bromofluorobenzene	10.639	95	103617	43.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.16%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	432	Below Cal		93
11) Tert butyl alcohol	3.195	59	219	0.37 ug/l #		94
16) Acetone	2.633	43	2983	1.90 ug/l		100
31) Cyclohexane	5.378	56	3059	1.08 ug/l #		5
36) 1,1-Dichloropropene	5.378	75	11507	4.86 ug/l #		50
38) Carbon Tetrachloride	5.382	117	13809	5.44 ug/l #		16
51) 4-Methyl-2-Pentanone	7.902	43	1754	0.41 ug/l #		1
76) 1,2,3-Trichloropropane	10.639	75	59464	20.11 ug/l #		37
81) trans-1,4-Dichloro-2-b...	10.639	75	59464	59.09 ug/l #		7
95) Naphthalene	14.095	128	462	2.80 ug/l #		69

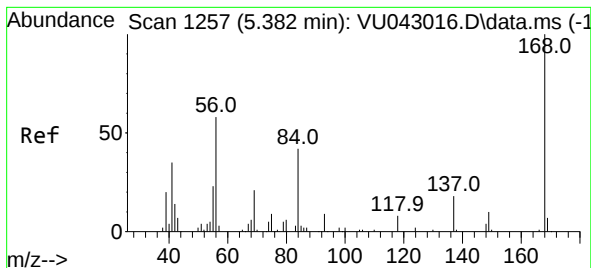
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Apr 15 02:08:54 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

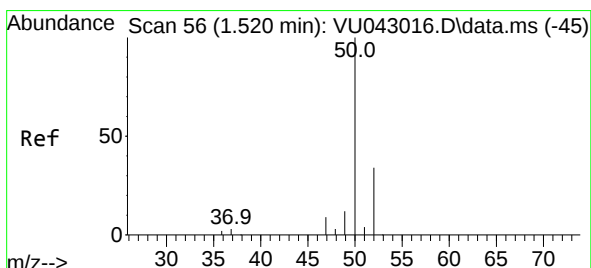
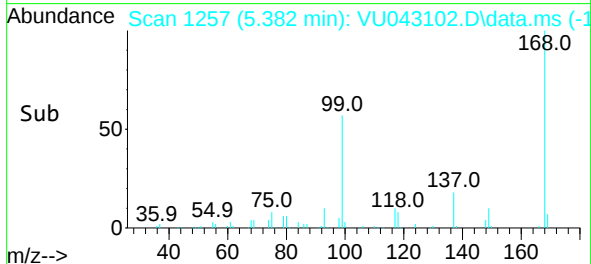
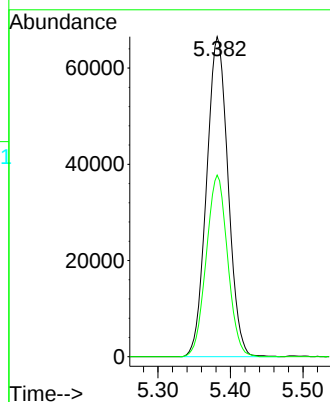
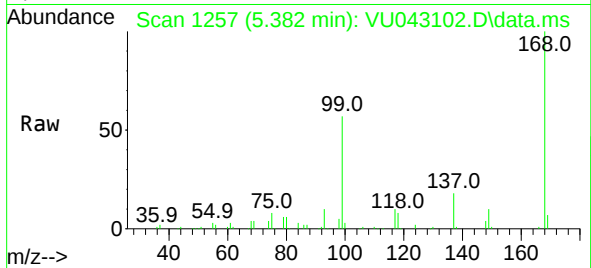




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043102.D
Acq: 14 Apr 2021 18:13

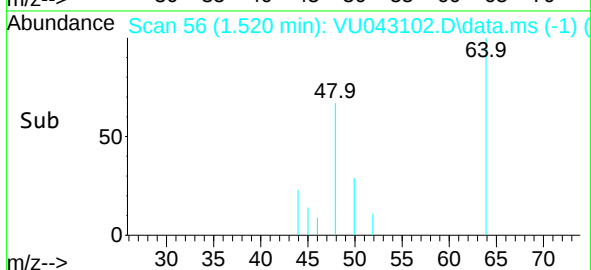
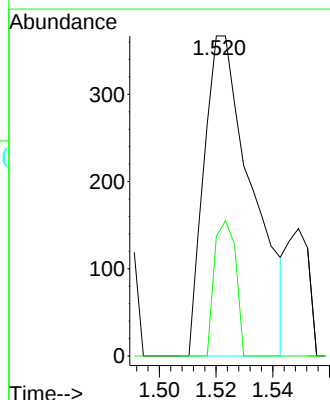
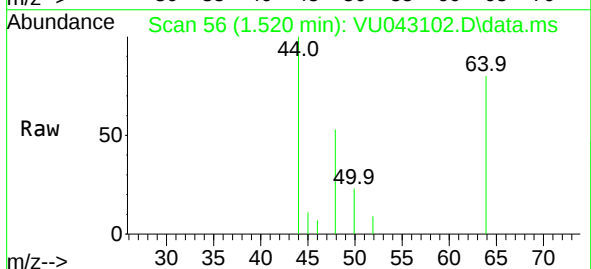
Instrument :
MSVOA_U
ClientSampled :

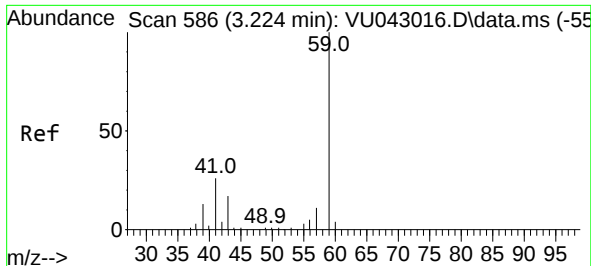
Tgt Ion:168 Resp: 136781
Ion Ratio Lower Upper
168 100
99 56.7 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043102.D
Acq: 14 Apr 2021 18:13

Tgt Ion: 50 Resp: 432
Ion Ratio Lower Upper
50 100
52 37.3 26.6 40.0

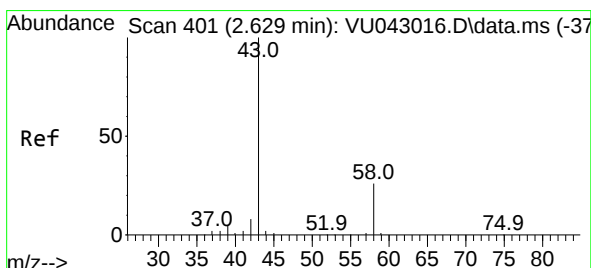
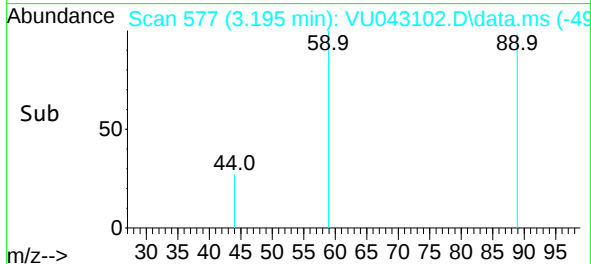
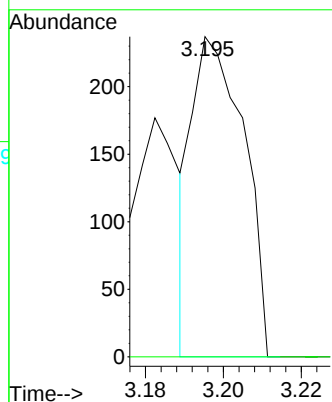
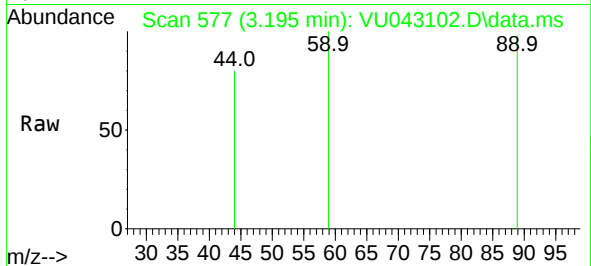




#11
Tert butyl alcohol
Concen: 0.37 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.029 min
Lab File: VU043102.D
Acq: 14 Apr 2021 18:13

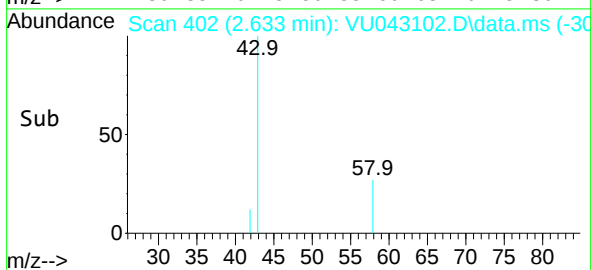
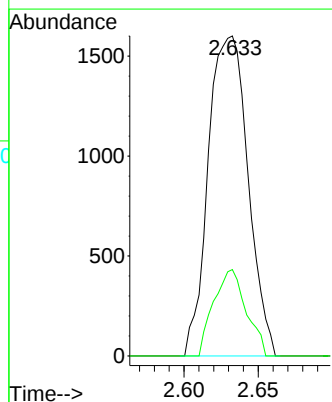
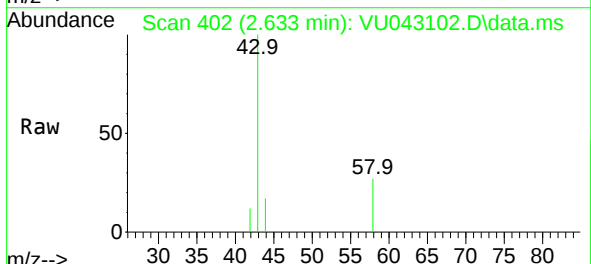
Instrument :
MSVOA_U
ClientSampled :

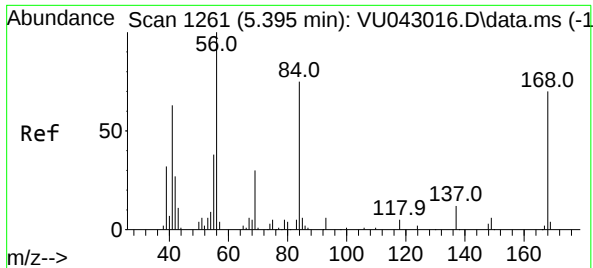
Tgt Ion: 59 Resp: 219
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#16
Acetone
Concen: 1.90 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.004 min
Lab File: VU043102.D
Acq: 14 Apr 2021 18:13

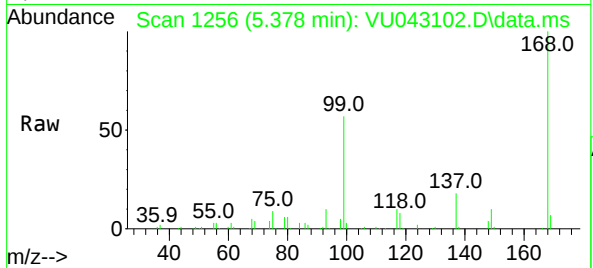
Tgt Ion: 43 Resp: 2983
Ion Ratio Lower Upper
43 100
58 27.0 21.5 32.3



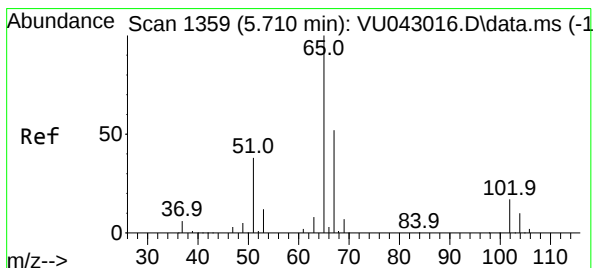
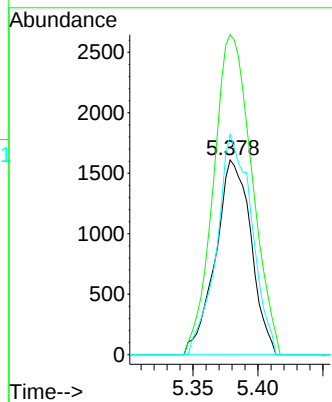
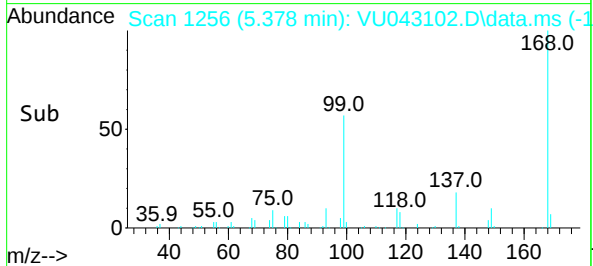


#31
Cyclohexane
Concen: 1.08 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.017 min
Lab File: VU043102.D
Acq: 14 Apr 2021 18:13

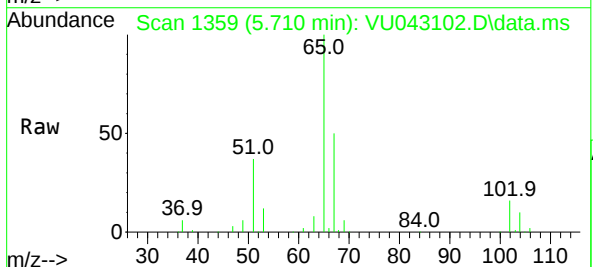
Instrument :
MSVOA_U
ClientSampled :



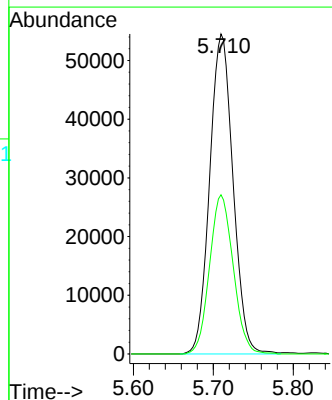
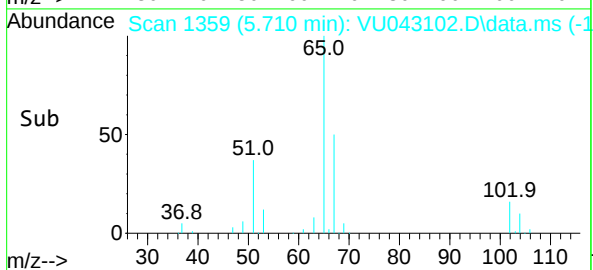
Tgt Ion: 56 Resp: 3059
Ion Ratio Lower Upper
56 100
69 164.3 24.9 37.3#
84 113.0 63.7 95.5#

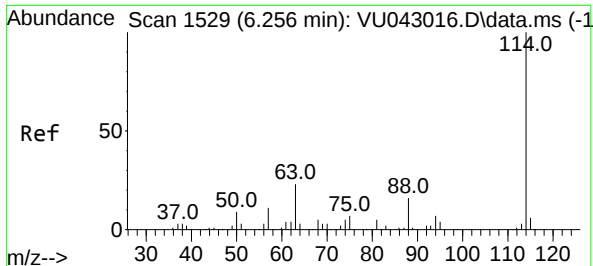


#33
1,2-Dichloroethane-d4
Concen: 48.10 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043102.D
Acq: 14 Apr 2021 18:13



Tgt Ion: 65 Resp: 110596
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.8

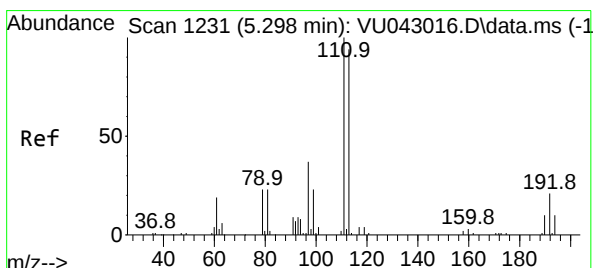
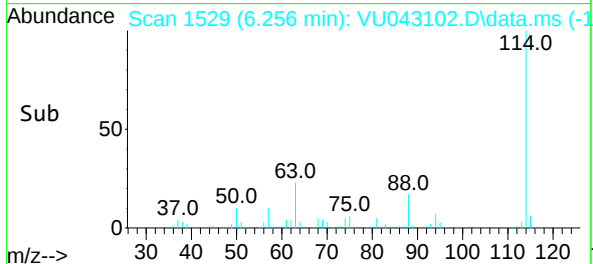
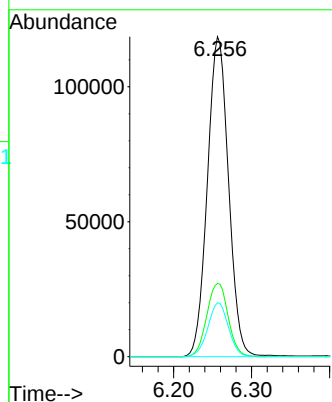
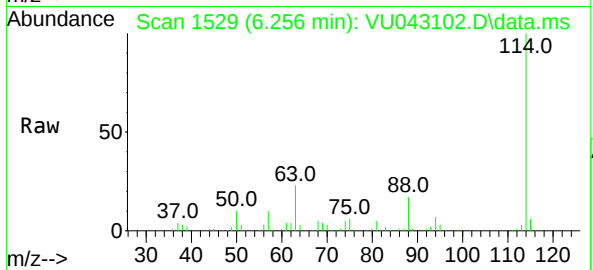




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043102.D
Acq: 14 Apr 2021 18:13

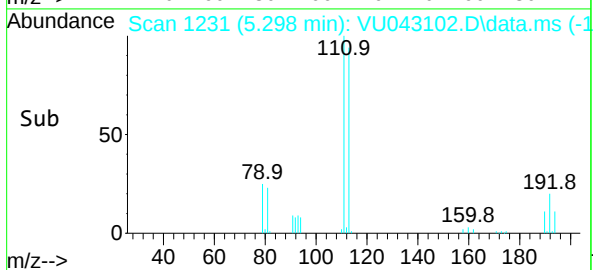
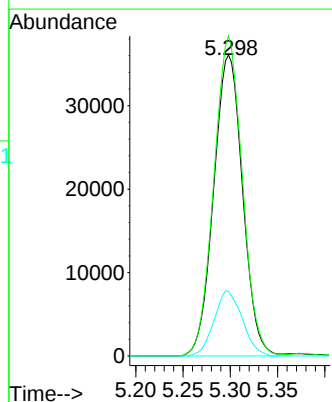
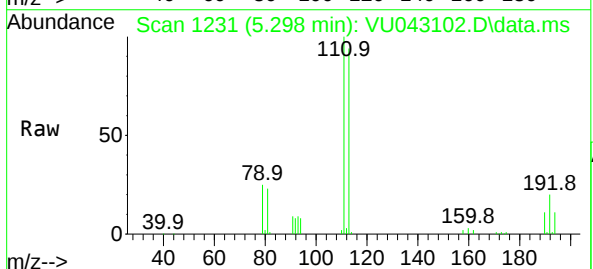
Instrument :
MSVOA_U
ClientSampleId :

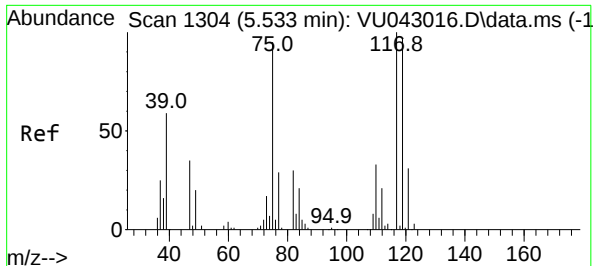
Tgt Ion:114 Resp: 223314
Ion Ratio Lower Upper
114 100
63 22.9 0.0 44.2
88 16.9 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.68 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043102.D
Acq: 14 Apr 2021 18:13

Tgt Ion:113 Resp: 76653
Ion Ratio Lower Upper
113 100
111 104.9 81.8 122.8
192 21.1 17.2 25.8



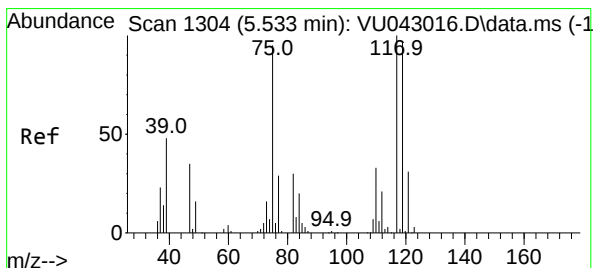
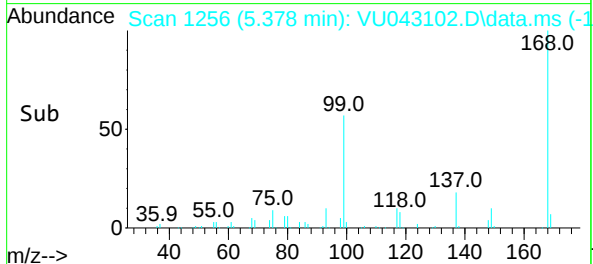
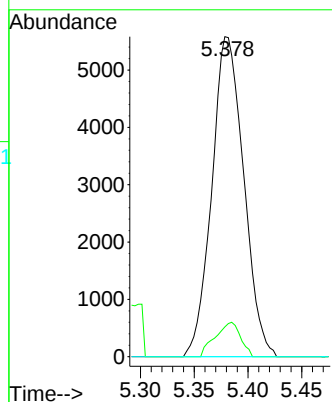
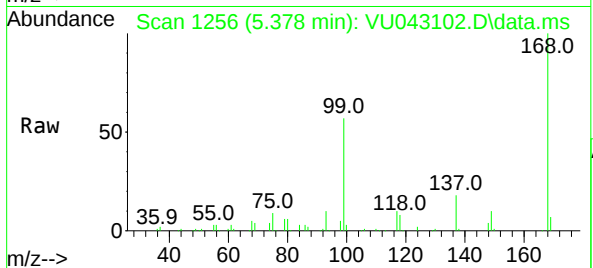


#36

1,1-Dichloropropene
Concen: 4.86 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.155 min
Lab File: VU043102.D
Acq: 14 Apr 2021 18:13

Instrument :
MSVOA_U
ClientSampled :

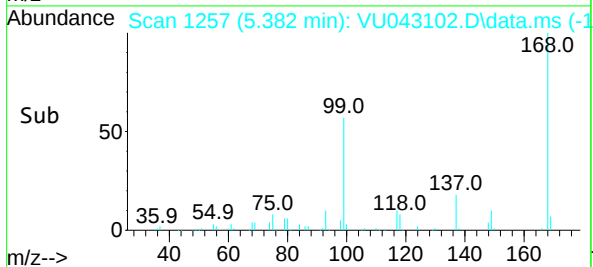
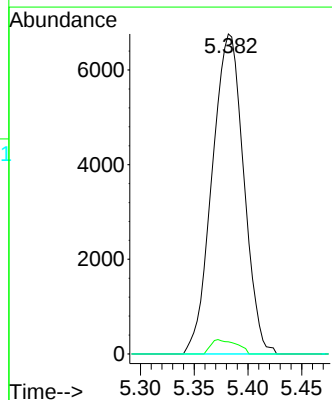
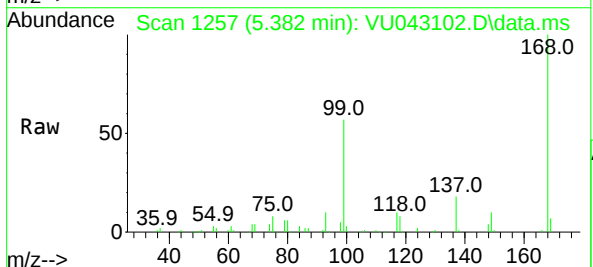
Tgt Ion: 75 Resp: 11507
Ion Ratio Lower Upper
75 100
110 8.5 16.8 50.3#
77 0.0 24.8 37.2#

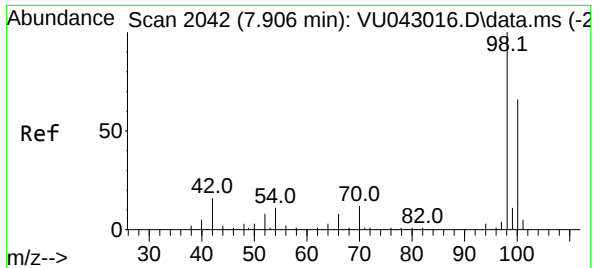


#38

Carbon Tetrachloride
Concen: 5.44 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043102.D
Acq: 14 Apr 2021 18:13

Tgt Ion: 117 Resp: 13809
Ion Ratio Lower Upper
117 100
119 3.8 75.5 113.3#
121 0.0 24.7 37.1#

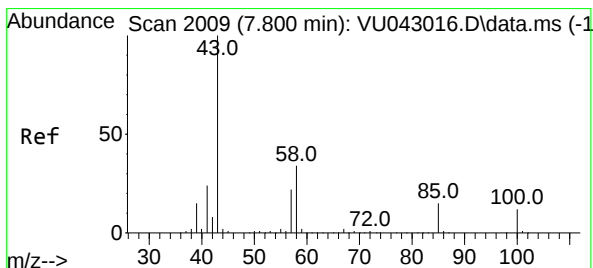
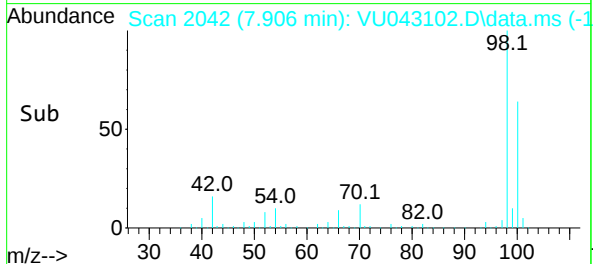
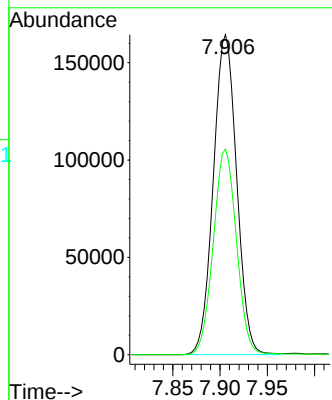
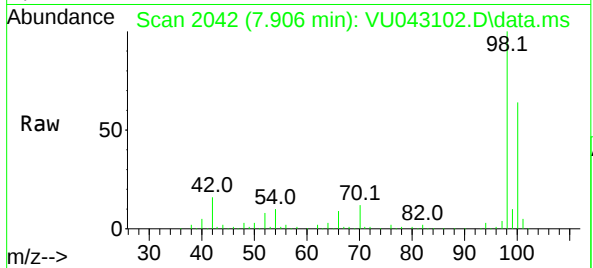




#50
Toluene-d8
Concen: 47.57 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043102.D
Acq: 14 Apr 2021 18:13

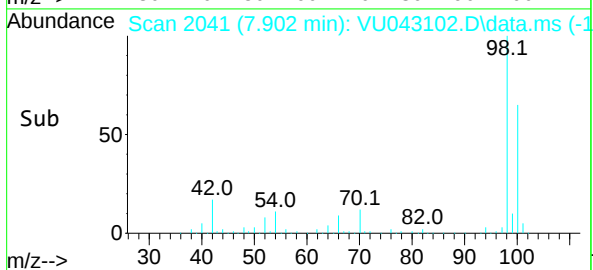
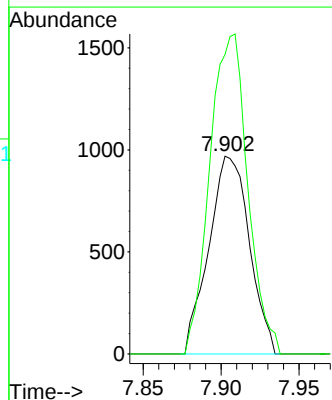
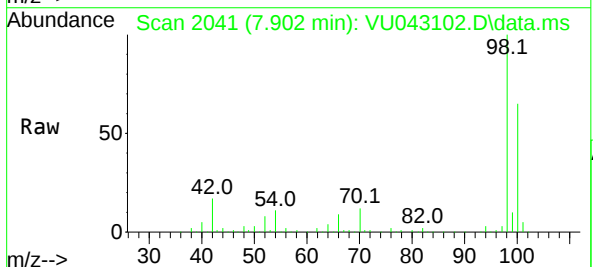
Instrument :
MSVOA_U
ClientSampled :

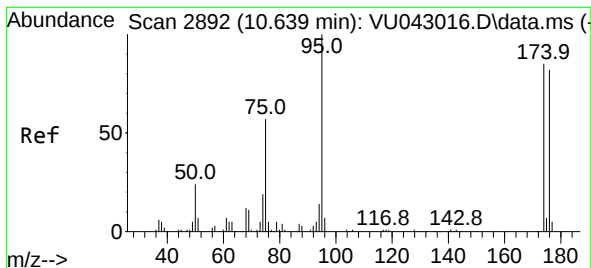
Tgt Ion: 98 Resp: 282479
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 0.41 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.102 min
Lab File: VU043102.D
Acq: 14 Apr 2021 18:13

Tgt Ion: 43 Resp: 1754
Ion Ratio Lower Upper
43 100
58 151.4 28.1 42.1#

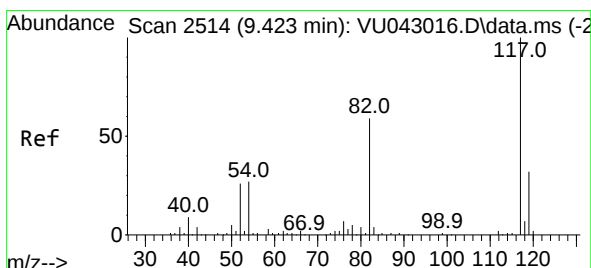
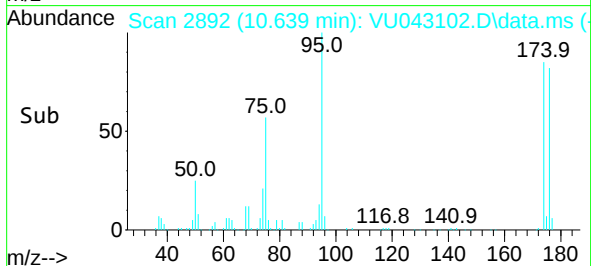
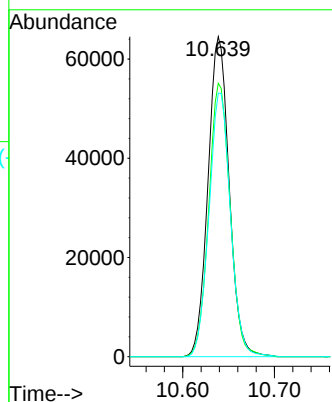
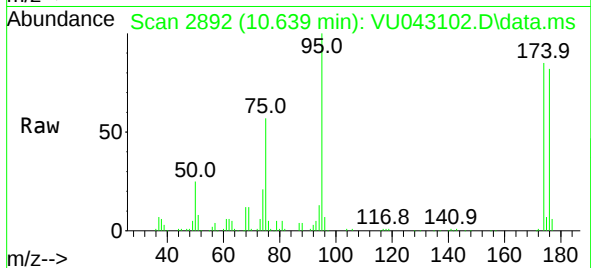




#62
4-Bromofluorobenzene
Concen: 43.58 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043102.D
Acq: 14 Apr 2021 18:13

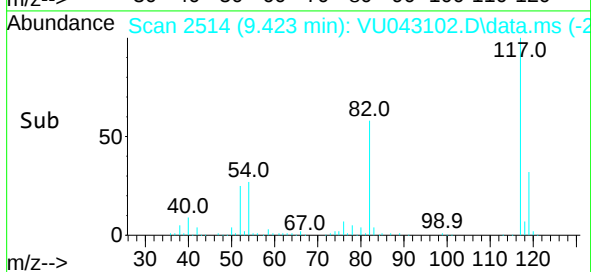
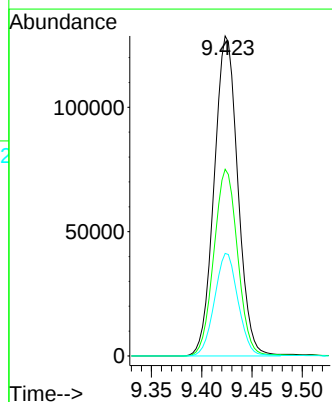
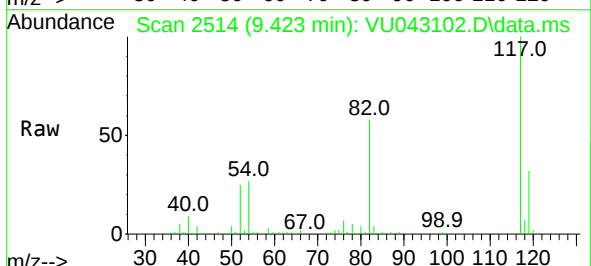
Instrument :
MSVOA_U
ClientSampleId :

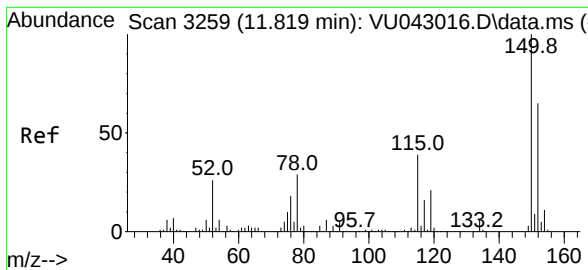
Tgt Ion: 95 Resp: 103617
Ion Ratio Lower Upper
95 100
174 86.2 0.0 172.2
176 83.6 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043102.D
Acq: 14 Apr 2021 18:13

Tgt Ion: 117 Resp: 210897
Ion Ratio Lower Upper
117 100
82 58.3 45.8 68.6
119 32.0 25.8 38.8

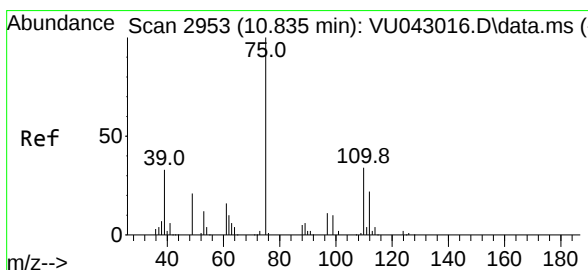
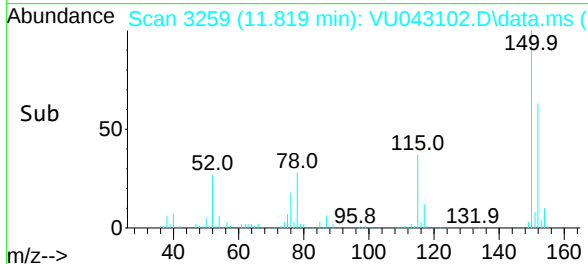
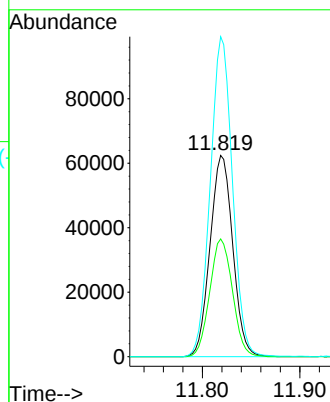
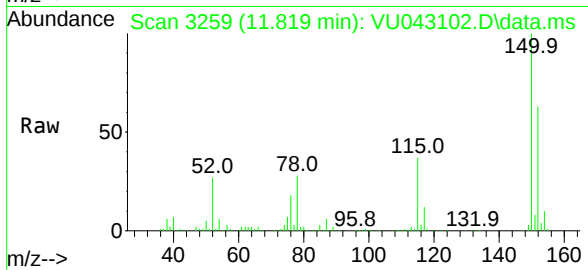




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043102.D
 Acq: 14 Apr 2021 18:13

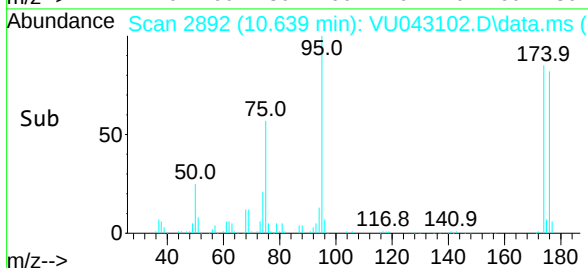
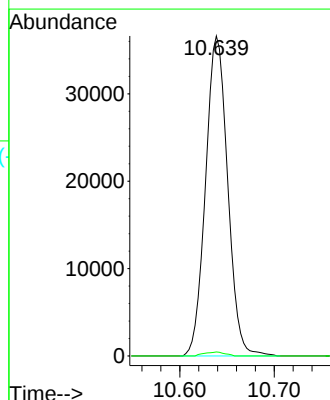
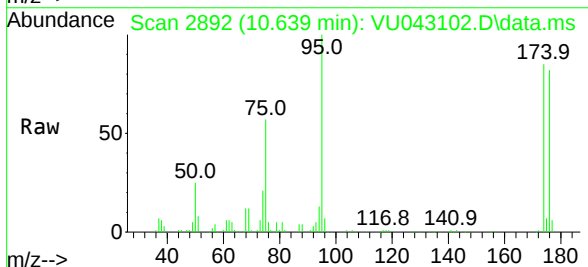
Instrument :
 MSVOA_U
 ClientSampled :

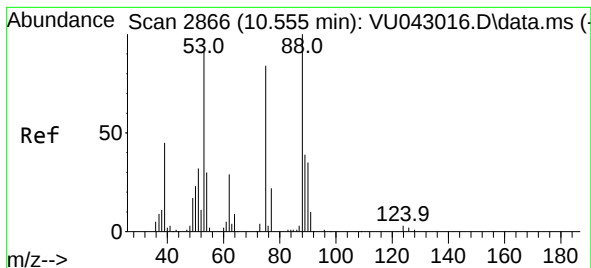
Tgt Ion:152 Resp: 101184
 Ion Ratio Lower Upper
 152 100
 115 58.3 41.5 124.6
 150 155.0 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 20.11 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043102.D
 Acq: 14 Apr 2021 18:13

Tgt Ion: 75 Resp: 59464
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.2 60.5#

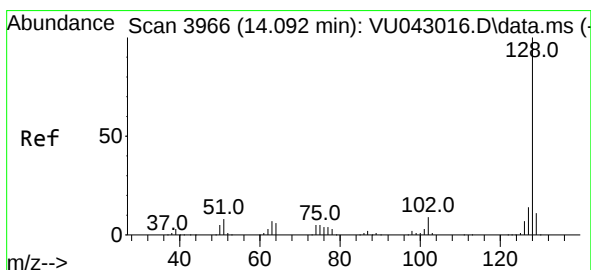
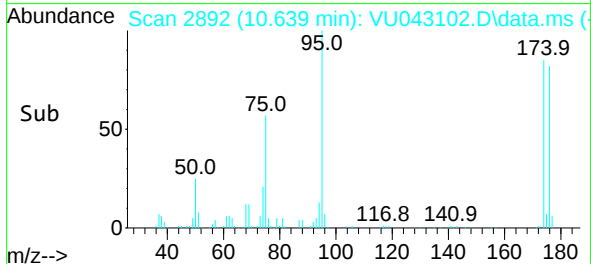
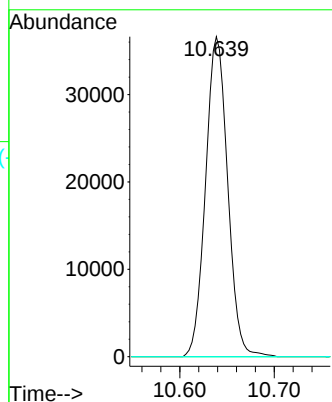
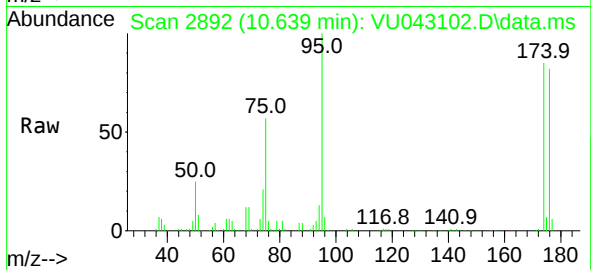




#81
trans-1,4-Dichloro-2-butene
Concen: 59.09 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043102.D
Acq: 14 Apr 2021 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 59464
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.80 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043102.D
Acq: 14 Apr 2021 18:13

Tgt Ion: 128 Resp: 462
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

