

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
 Data File : VU043675.D
 Acq On : 12 May 2021 14:26
 Operator : SY/MD
 Sample : M2322-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 13 01:32:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 09:51:45 2021
 Response via : Initial Calibration

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

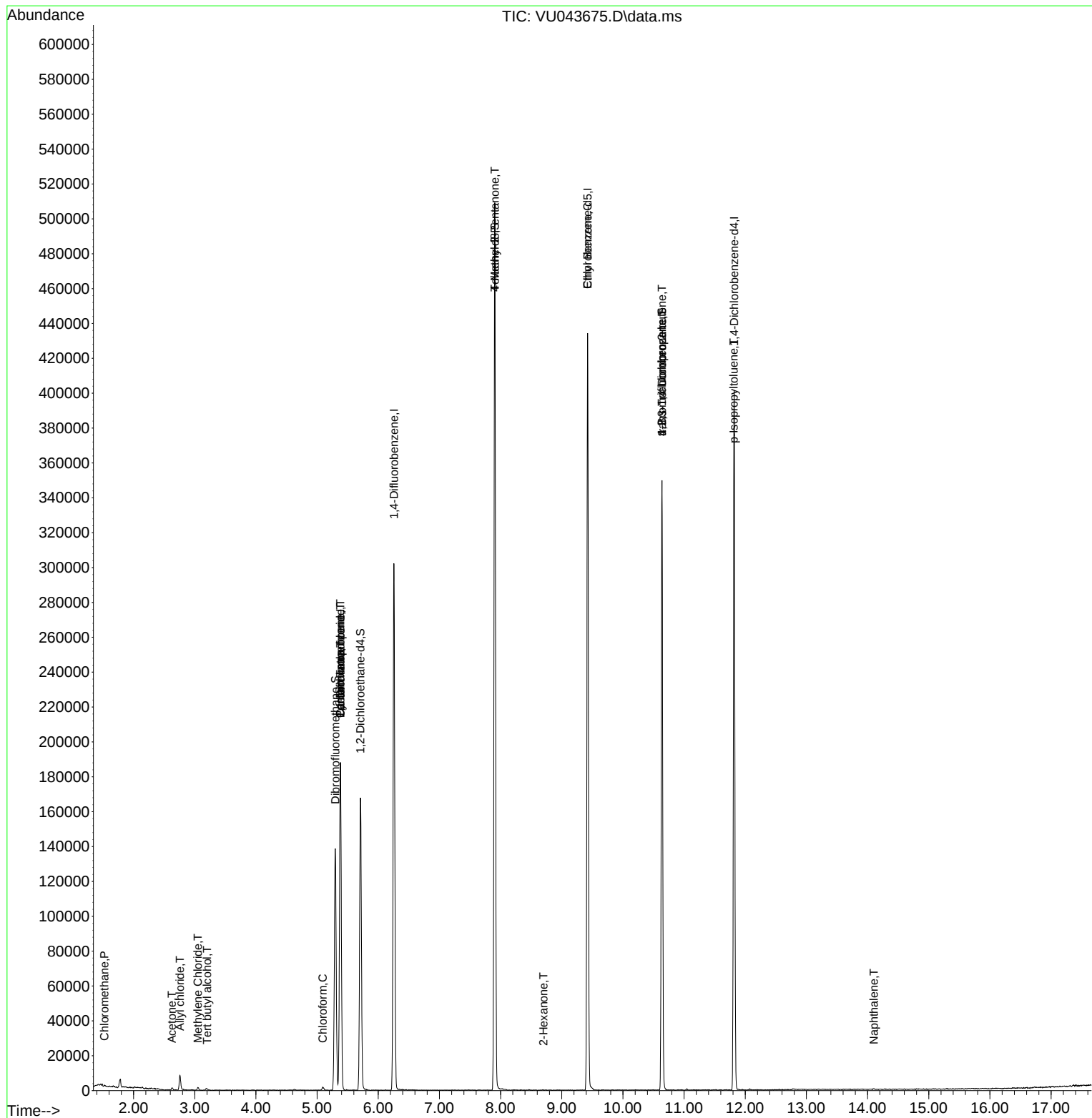
Internal Standards						
1) Pentafluorobenzene	5.382	168	119903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	218457	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	217355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	94207	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	126148	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
35) Dibromofluoromethane	5.298	113	86568	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
50) Toluene-d8	7.906	98	308775	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	10.639	95	104990	44.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.82%	
Target Compounds						
						Qvalue
3) Chloromethane	1.523	50	880	0.72	ug/l	94
11) Tert butyl alcohol	3.202	59	372	0.57	ug/l #	73
14) Allyl chloride	2.758	41	805	0.23	ug/l #	58
16) Acetone	2.626	43	1555	1.15	ug/l #	89
20) Methylene Chloride	3.051	84	631	0.33	ug/l	82
30) Chloroform	5.092	83	1743	0.52	ug/l	92
31) Cyclohexane	5.382	56	3583	1.24	ug/l #	4
36) 1,1-Dichloropropene	5.382	75	11557	4.66	ug/l #	50
38) Carbon Tetrachloride	5.382	117	12958	5.15	ug/l #	17
51) 4-Methyl-2-Pentanone	7.906	43	1898	19.53	ug/l #	1
59) 2-Hexanone	8.700	43	179	20.75	ug/l #	30
67) Ethyl Benzene	9.423	91	396	1.49	ug/l #	45
76) 1,2,3-Trichloropropane	10.639	75	60127	20.07	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.639	75	60127	65.37	ug/l #	3
86) p-Isopropyltoluene	11.812	119	49	1.48	ug/l #	1
95) Naphthalene	14.102	128	543	1.59	ug/l #	69

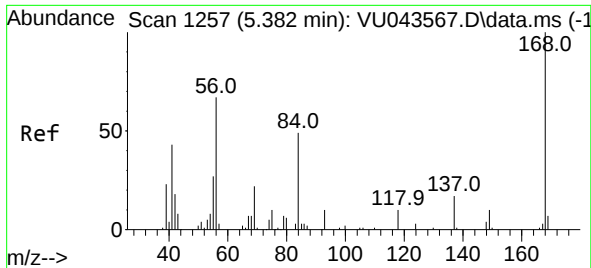
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 11 09:51:45 2021
Response via : Initial Calibration

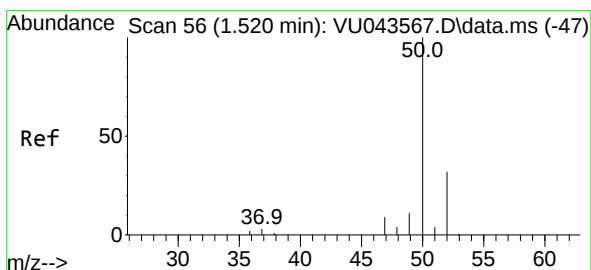
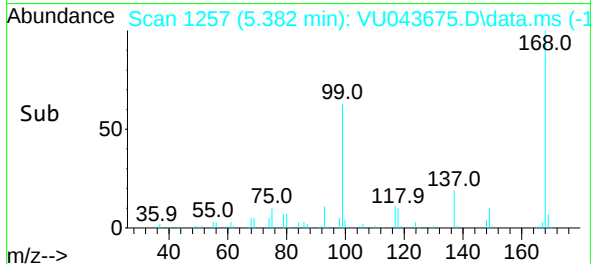
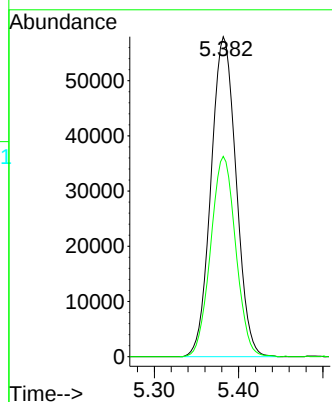
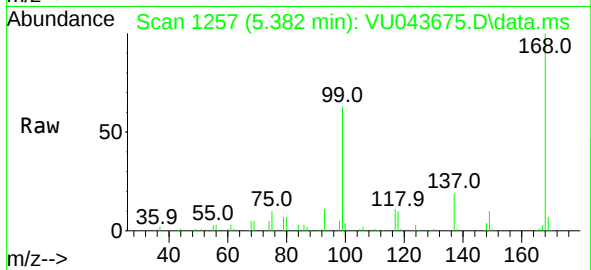




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043675.D
Acq: 12 May 2021 14:26

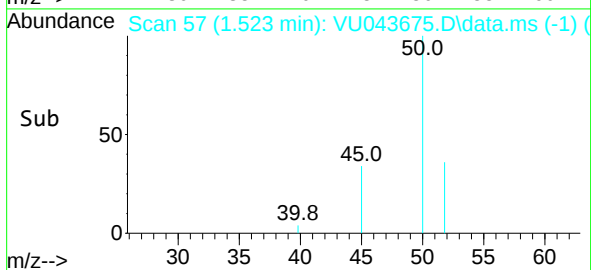
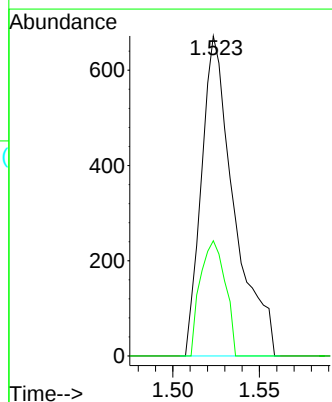
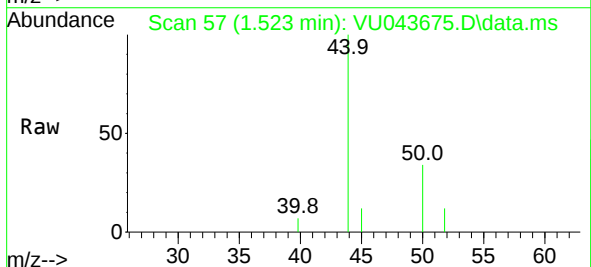
Instrument :
MSVOA_U
ClientSampleId :

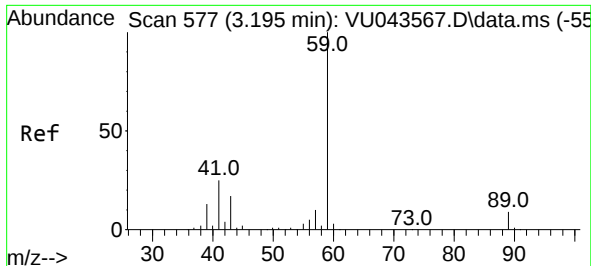
Tgt Ion:168 Resp: 119903
Ion Ratio Lower Upper
168 100
99 62.6 49.0 73.6



#3
Chloromethane
Concen: 0.72 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043675.D
Acq: 12 May 2021 14:26

Tgt Ion: 50 Resp: 880
Ion Ratio Lower Upper
50 100
52 36.0 25.9 38.9

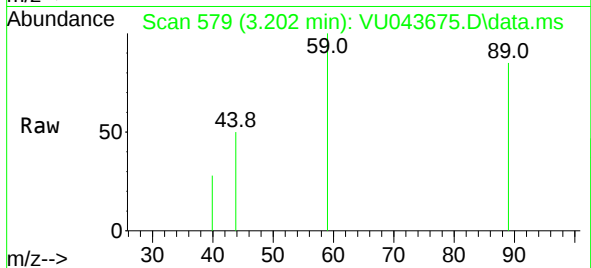




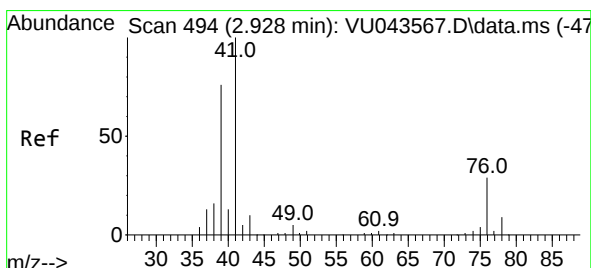
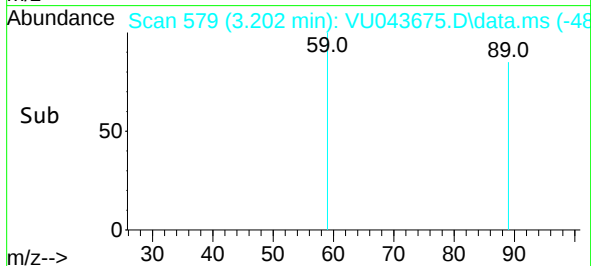
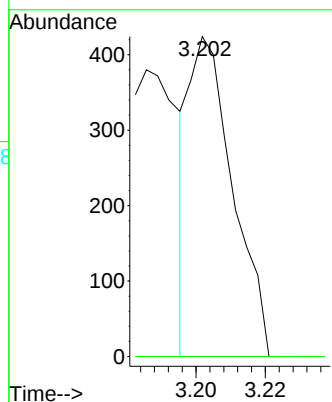
#11

Tert butyl alcohol
Concen: 0.57 ug/l
RT: 3.202 min Scan# 579
Delta R.T. 0.007 min
Lab File: VU043675.D
Acq: 12 May 2021 14:26

Instrument :
MSVOA_U
ClientSampled :

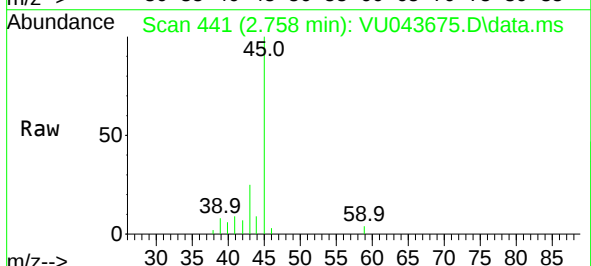


Tgt Ion: 59 Resp: 372
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

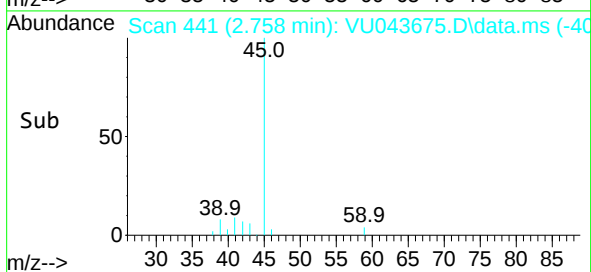
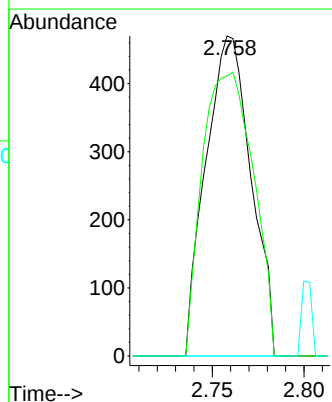


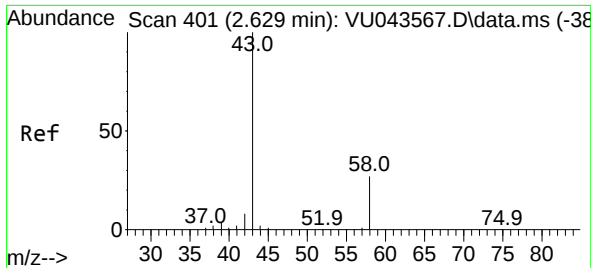
#14

Allyl chloride
Concen: 0.23 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.170 min
Lab File: VU043675.D
Acq: 12 May 2021 14:26



Tgt Ion: 41 Resp: 805
Ion Ratio Lower Upper
41 100
39 100.2 54.5 81.7#
76 0.0 19.9 29.9#

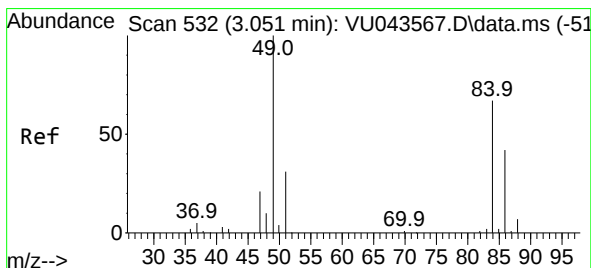
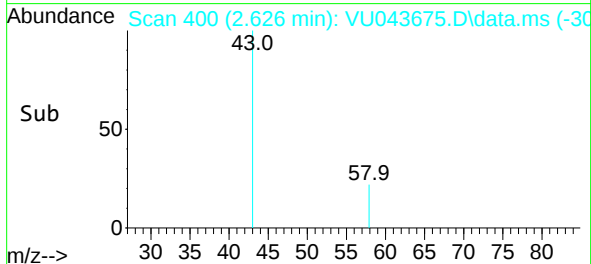
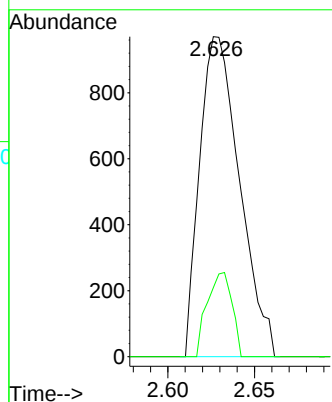
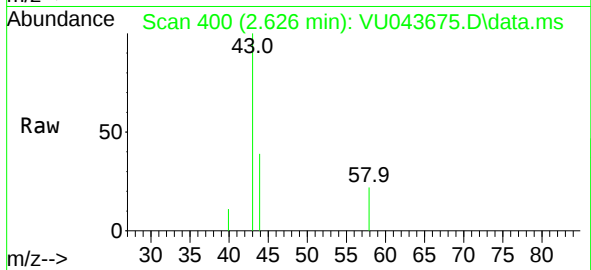




#16
Acetone
Concen: 1.15 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU043675.D
Acq: 12 May 2021 14:26

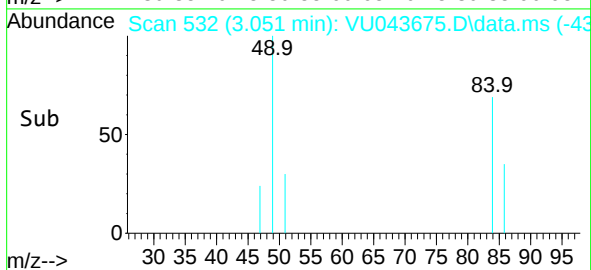
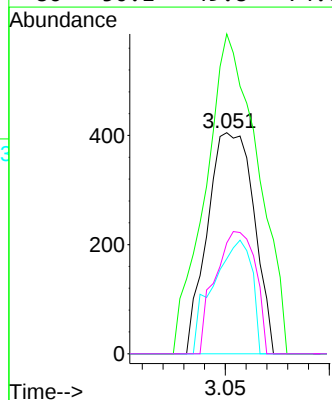
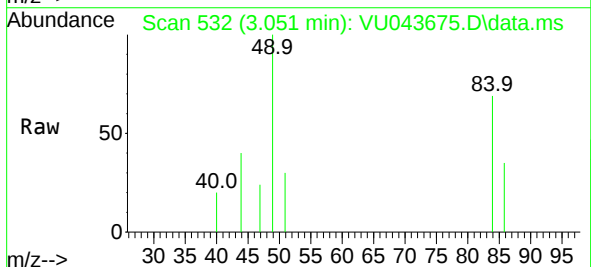
Instrument :
MSVOA_U
ClientSampleId :

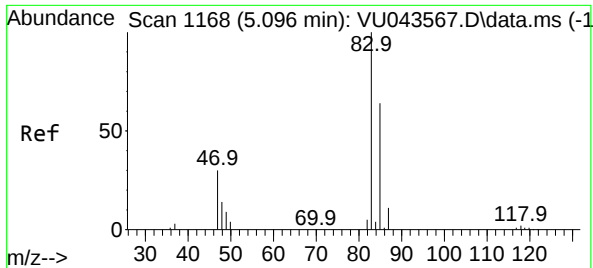
Tgt Ion: 43 Resp: 1555
Ion Ratio Lower Upper
43 100
58 21.5 21.7 32.5#



#20
Methylene Chloride
Concen: 0.33 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU043675.D
Acq: 12 May 2021 14:26

Tgt Ion: 84 Resp: 631
Ion Ratio Lower Upper
84 100
49 119.8 119.0 178.4
51 43.0 36.8 55.2
86 50.1 49.8 74.6





#30

Chloroform

Concen: 0.52 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU043675.D

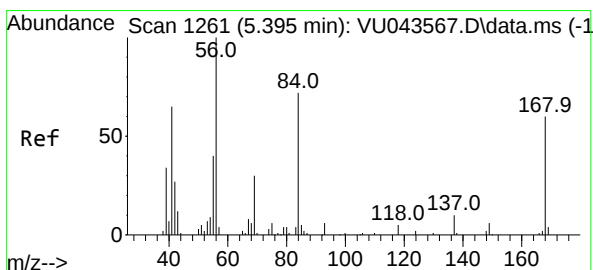
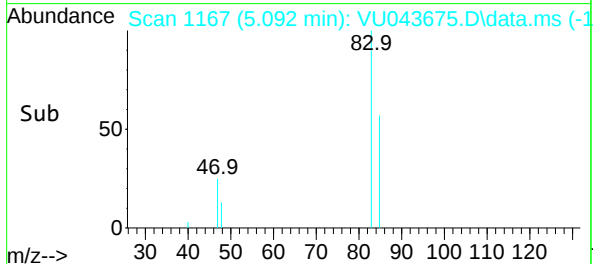
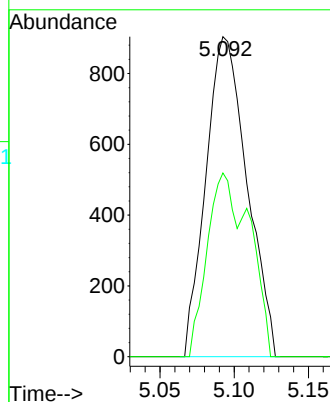
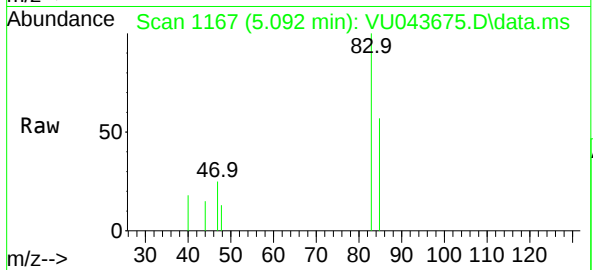
Acq: 12 May 2021 14:26

Tgt Ion: 83 Resp: 1743

Ion Ratio Lower Upper

83 100

85 57.4 51.2 76.8



#31

Cyclohexane

Concen: 1.24 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.013 min

Lab File: VU043675.D

Acq: 12 May 2021 14:26

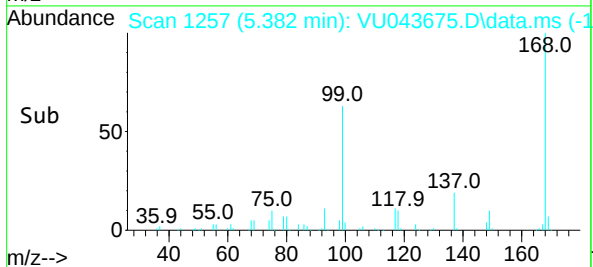
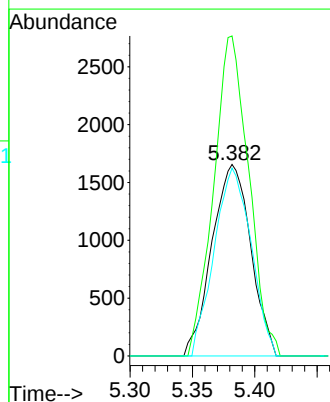
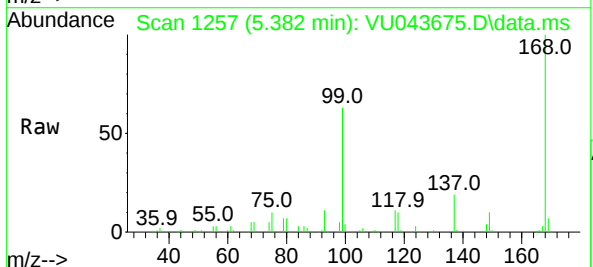
Tgt Ion: 56 Resp: 3583

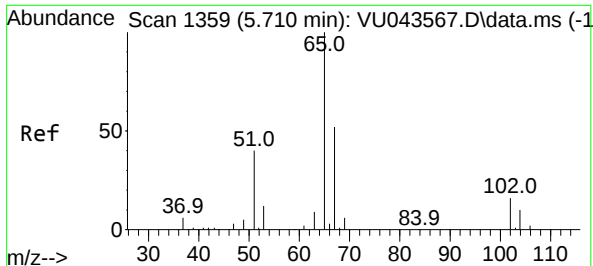
Ion Ratio Lower Upper

56 100

69 167.1 23.9 35.9#

84 98.1 57.7 86.5#

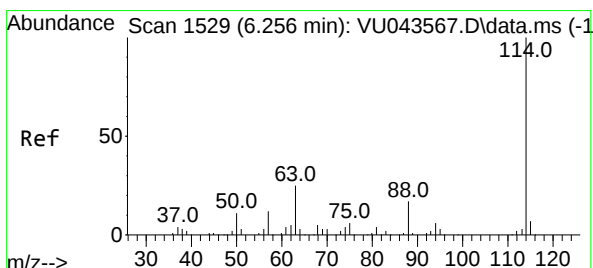
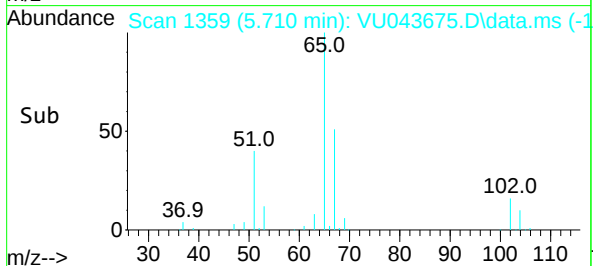
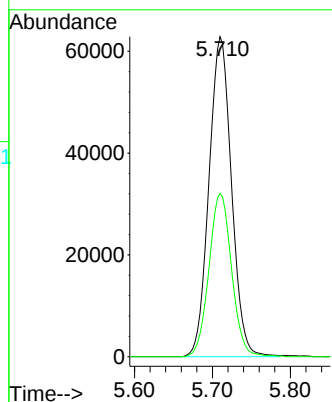
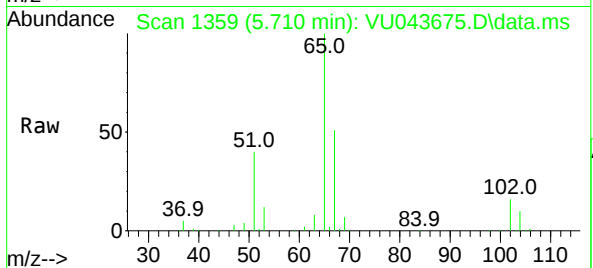




#33
1,2-Dichloroethane-d4
Concen: 50.87 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043675.D
Acq: 12 May 2021 14:26

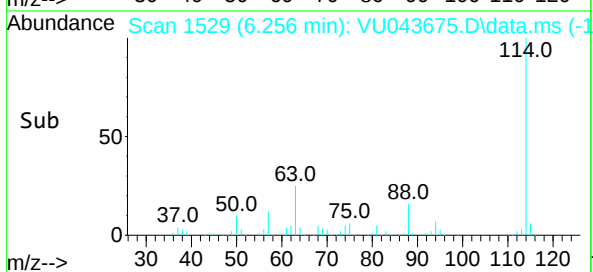
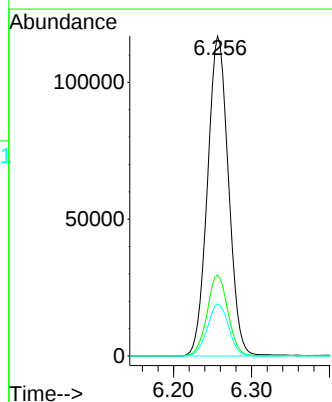
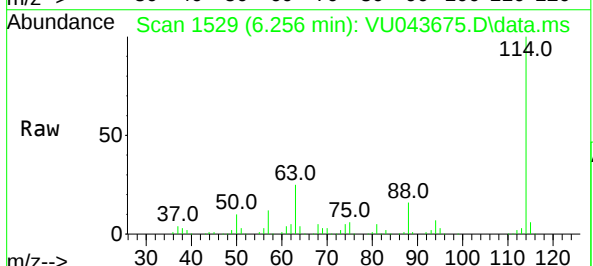
Instrument :
MSVOA_U
ClientSampleId :

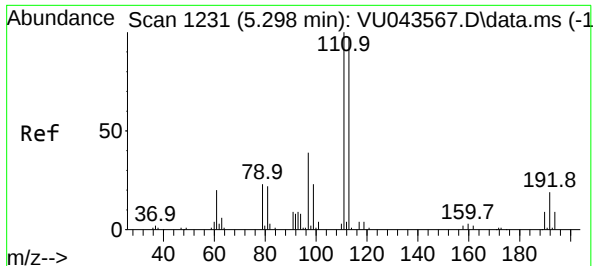
Tgt Ion: 65 Resp: 126148
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043675.D
Acq: 12 May 2021 14:26

Tgt Ion: 114 Resp: 218457
Ion Ratio Lower Upper
114 100
63 25.3 0.0 50.2
88 16.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.02 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043675.D

Acq: 12 May 2021 14:26

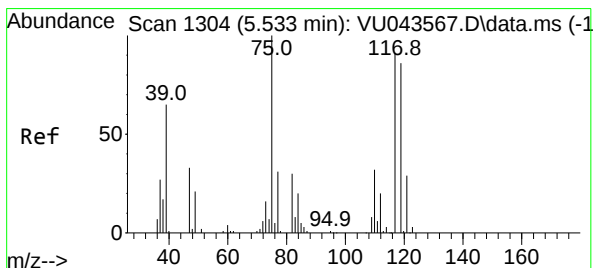
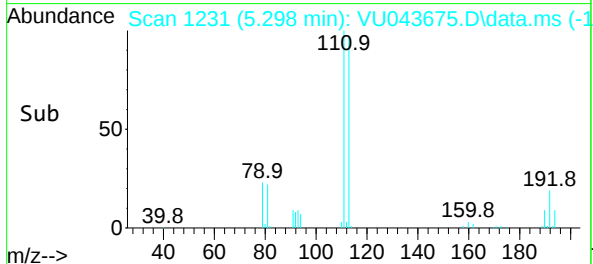
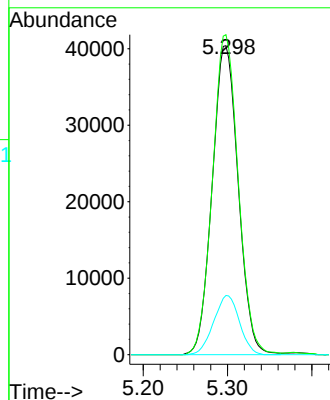
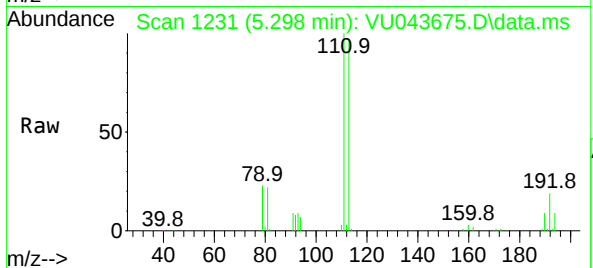
Tgt Ion:113 Resp: 86568

Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

192 18.9 15.8 23.6



#36

1,1-Dichloropropene

Concen: 4.66 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.151 min

Lab File: VU043675.D

Acq: 12 May 2021 14:26

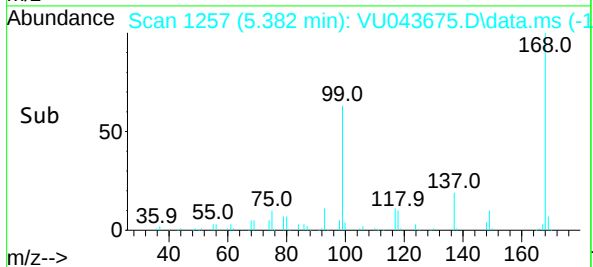
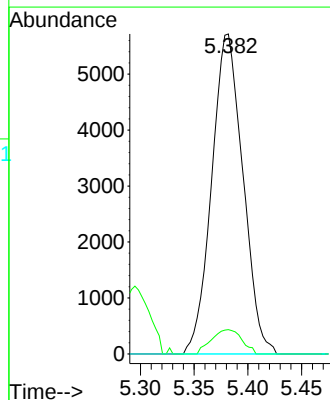
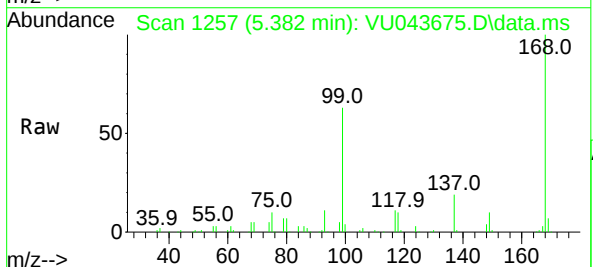
Tgt Ion: 75 Resp: 11557

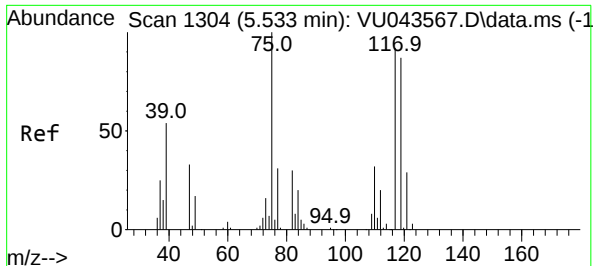
Ion Ratio Lower Upper

75 100

110 7.4 16.2 48.5#

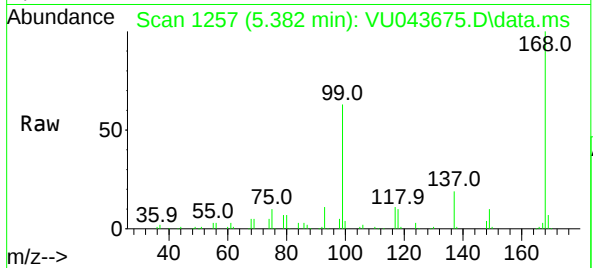
77 0.0 24.4 36.6#



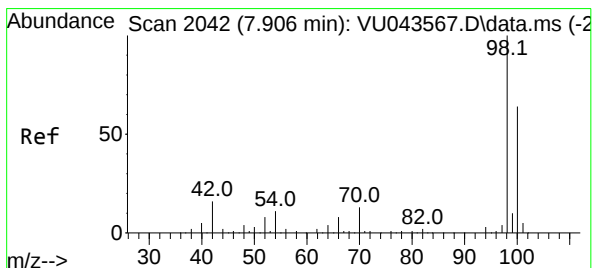
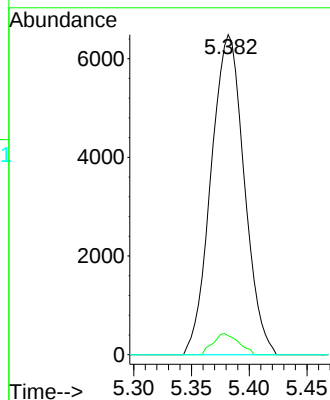
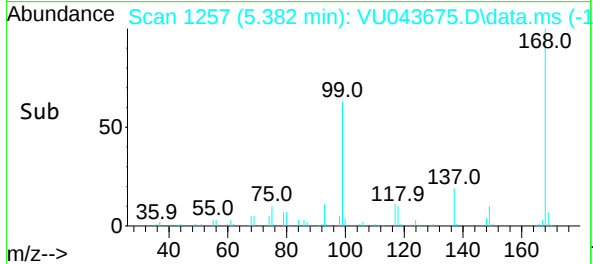


#38
Carbon Tetrachloride
Concen: 5.15 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043675.D
Acq: 12 May 2021 14:26

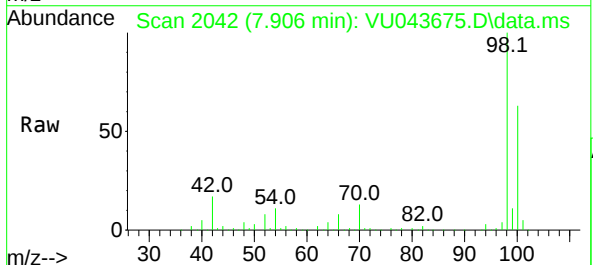
Instrument :
MSVOA_U
ClientSampleId :



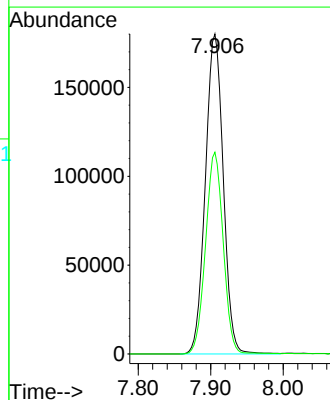
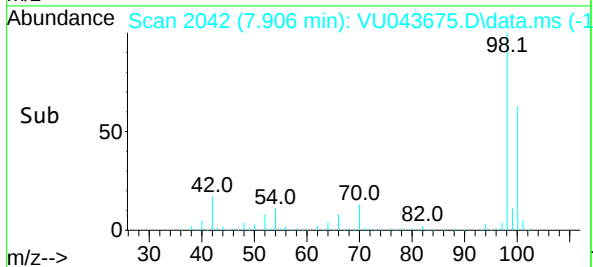
Tgt Ion:117 Resp: 12958
Ion Ratio Lower Upper
117 100
119 5.9 75.4 113.0#
121 0.0 25.2 37.8#

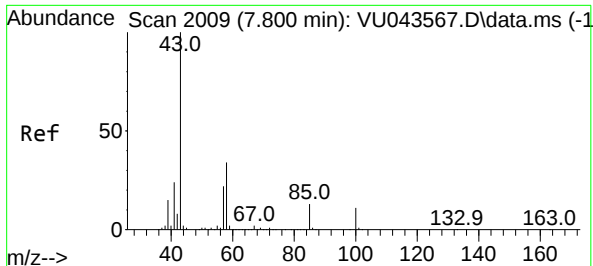


#50
Toluene-d8
Concen: 50.90 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043675.D
Acq: 12 May 2021 14:26



Tgt Ion: 98 Resp: 308775
Ion Ratio Lower Upper
98 100
100 62.3 50.5 75.7

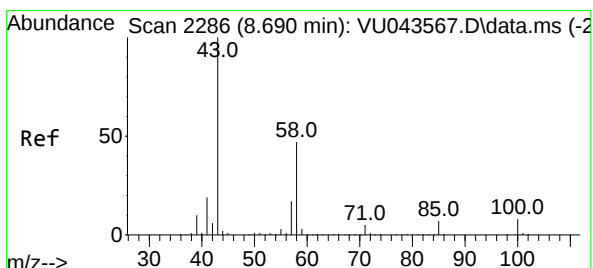
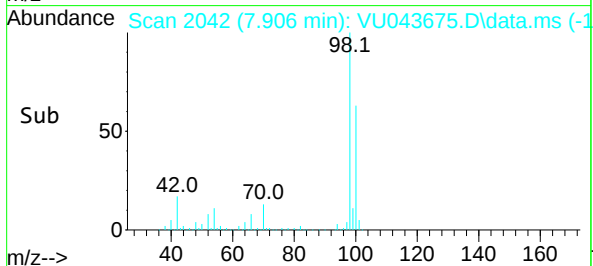
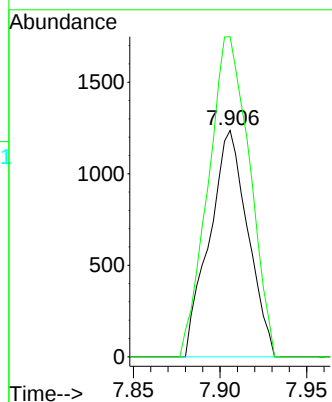
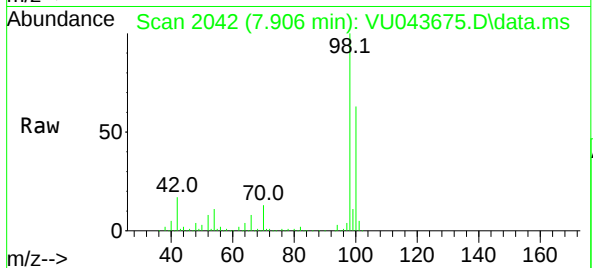




#51
4-Methyl-2-Pentanone
Concen: 19.53 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.106 min
Lab File: VU043675.D
Acq: 12 May 2021 14:26

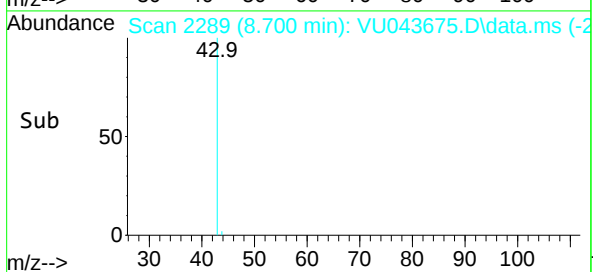
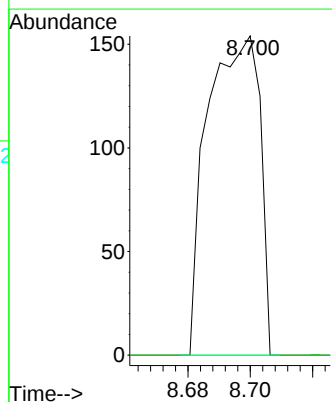
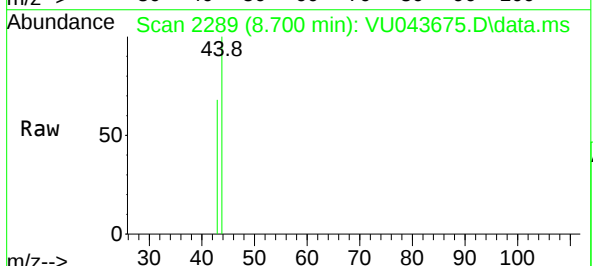
Instrument :
MSVOA_U
ClientSampled :

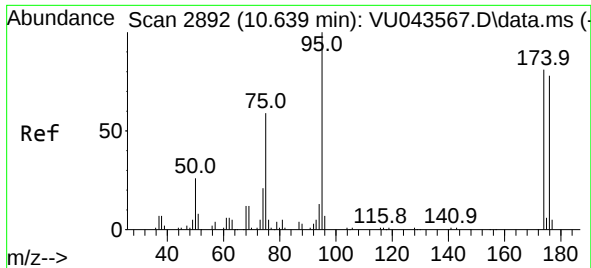
Tgt Ion: 43 Resp: 1898
Ion Ratio Lower Upper
43 100
58 152.5 27.2 40.8#



#59
2-Hexanone
Concen: 20.75 ug/l
RT: 8.700 min Scan# 2289
Delta R.T. 0.010 min
Lab File: VU043675.D
Acq: 12 May 2021 14:26

Tgt Ion: 43 Resp: 179
Ion Ratio Lower Upper
43 100
58 0.0 23.4 70.2#

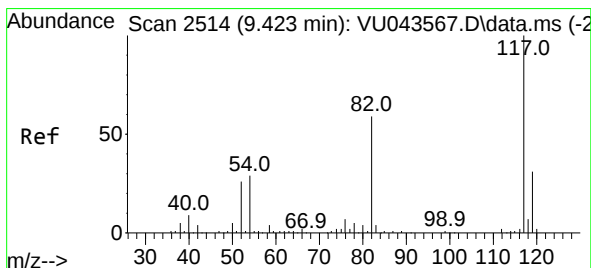
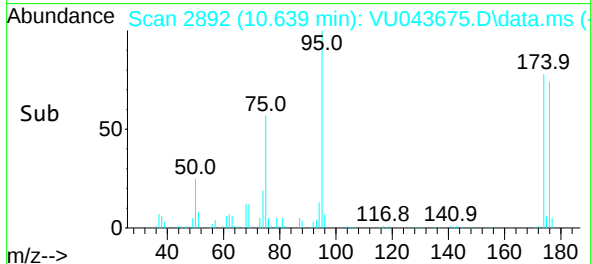
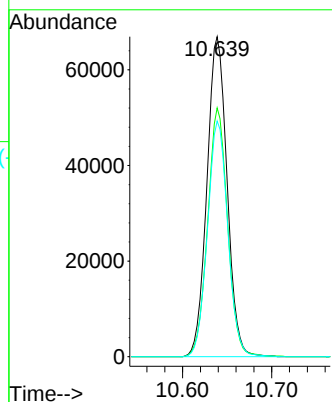
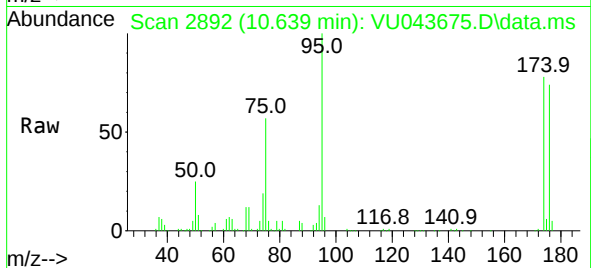




#62
4-Bromofluorobenzene
Concen: 44.41 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043675.D
Acq: 12 May 2021 14:26

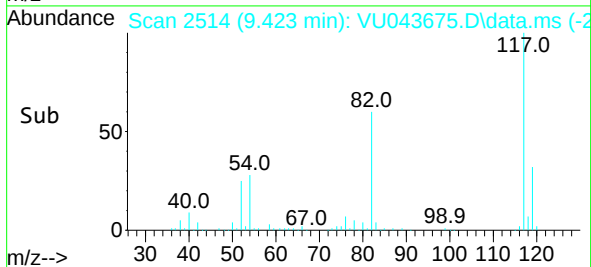
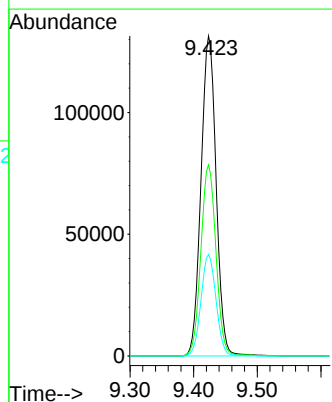
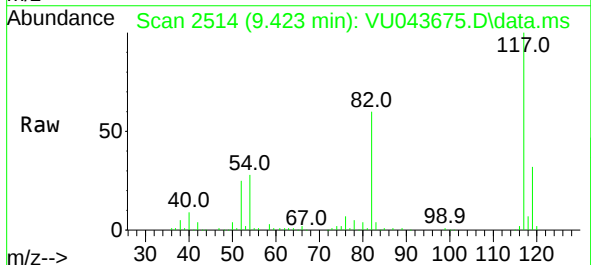
Instrument :
MSVOA_U
ClientSampleId :

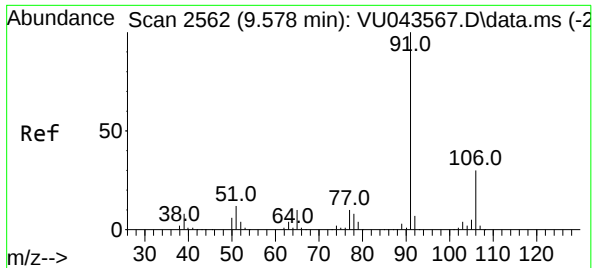
Tgt Ion: 95 Resp: 104990
Ion Ratio Lower Upper
95 100
174 77.1 0.0 158.8
176 74.2 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043675.D
Acq: 12 May 2021 14:26

Tgt Ion: 117 Resp: 217355
Ion Ratio Lower Upper
117 100
82 59.7 47.5 71.3
119 31.7 24.7 37.1

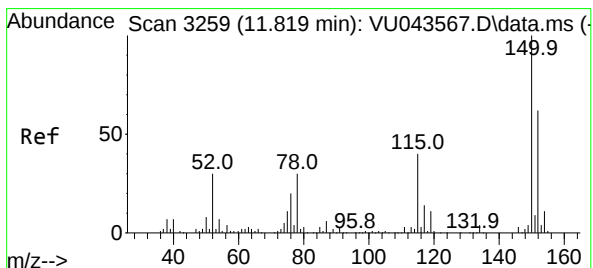
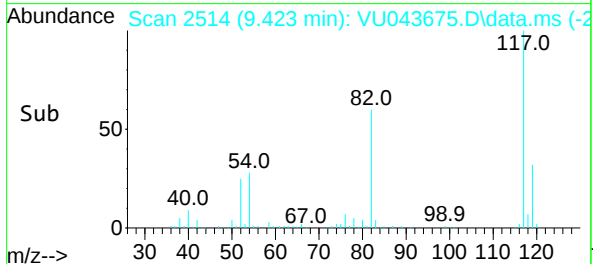
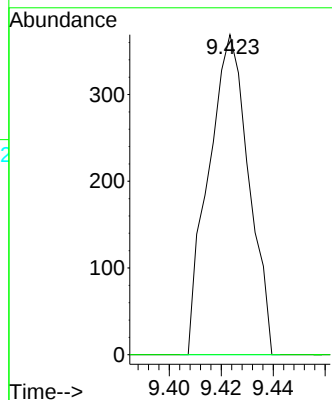
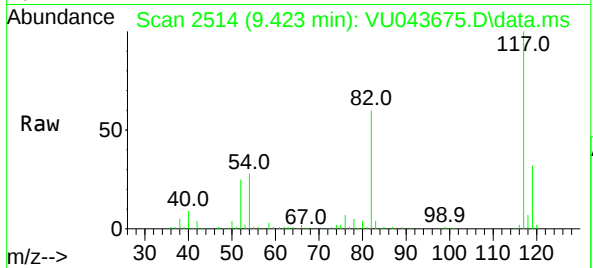




#67
Ethyl Benzene
Concen: 1.49 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.155 min
Lab File: VU043675.D
Acq: 12 May 2021 14:26

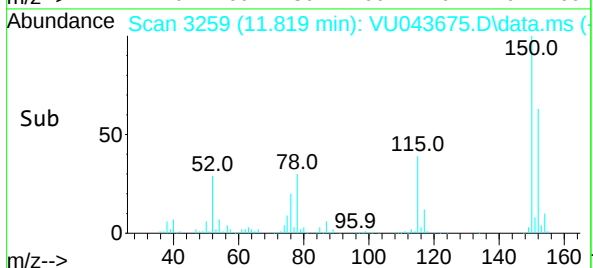
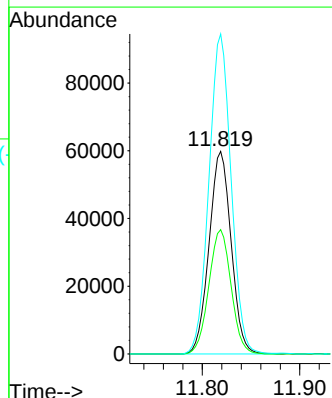
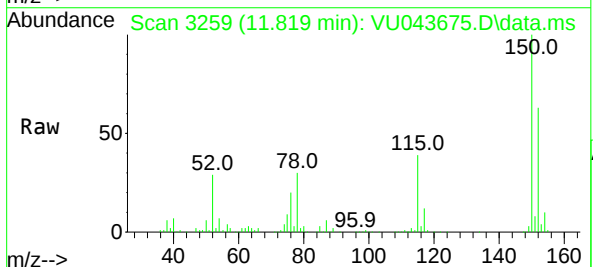
Instrument :
MSVOA_U
ClientSampleId :

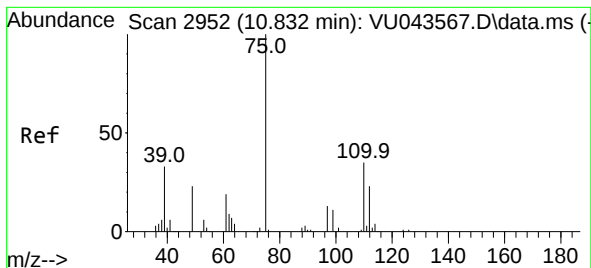
Tgt Ion: 91 Resp: 396
Ion Ratio Lower Upper
91 100
106 0.0 24.0 36.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043675.D
Acq: 12 May 2021 14:26

Tgt Ion:152 Resp: 94207
Ion Ratio Lower Upper
152 100
115 61.6 46.1 138.3
150 158.2 0.0 361.0

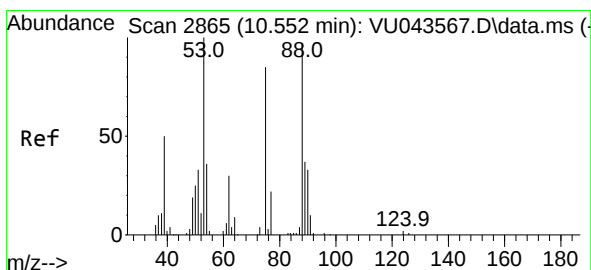
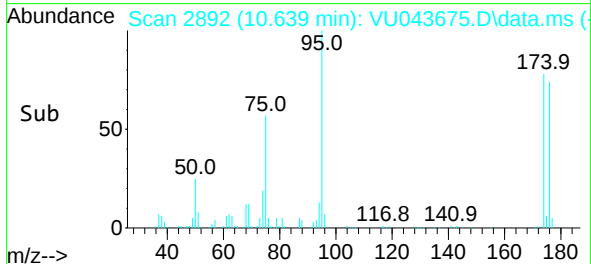
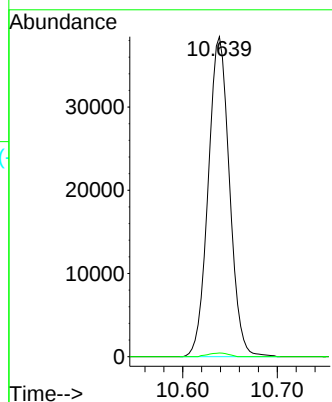
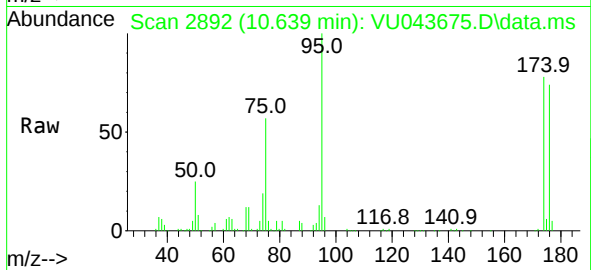




#76
1,2,3-Trichloropropane
Concen: 20.07 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU043675.D
Acq: 12 May 2021 14:26

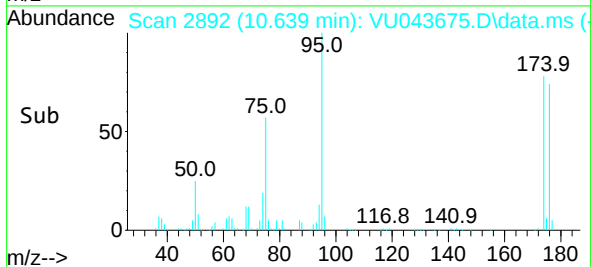
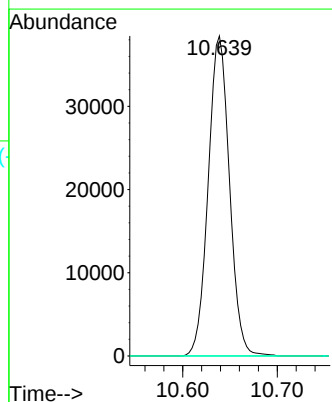
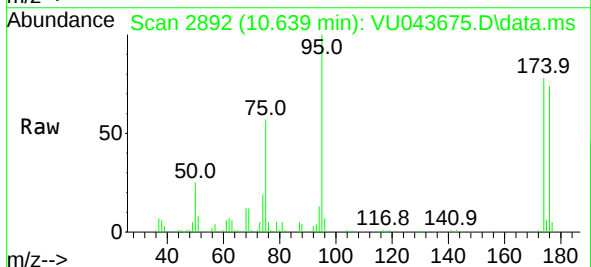
Instrument :
MSVOA_U
ClientSampleId :

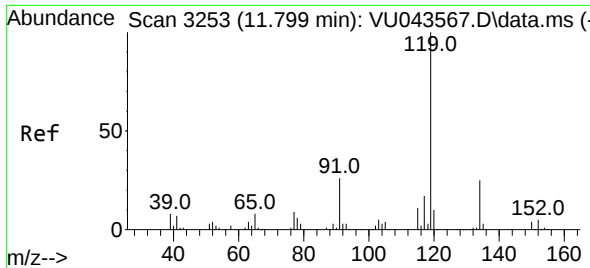
Tgt Ion: 75 Resp: 60127
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.37 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU043675.D
Acq: 12 May 2021 14:26

Tgt Ion: 75 Resp: 60127
Ion Ratio Lower Upper
75 100
53 0.0 95.8 143.8#
89 0.0 36.1 54.1#

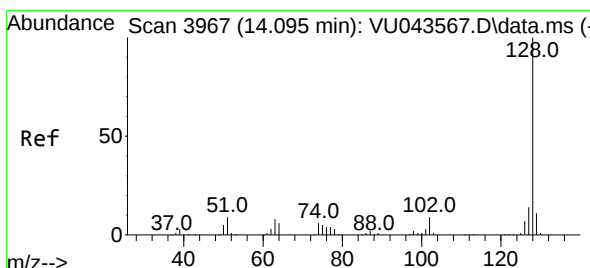
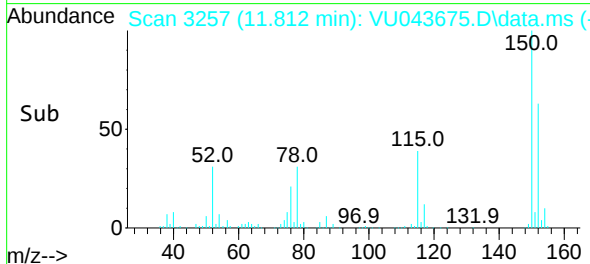
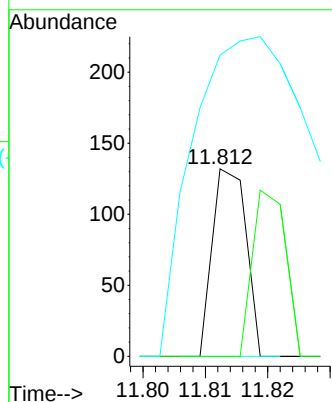
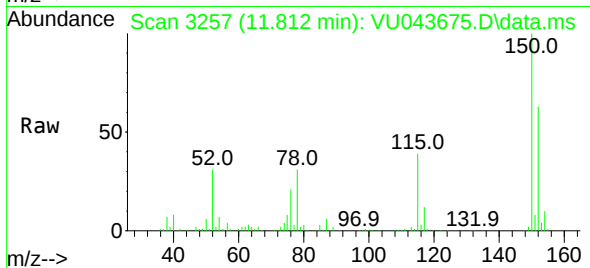




#86
p-Isopropyltoluene
Concen: 1.48 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.013 min
Lab File: VU043675.D
Acq: 12 May 2021 14:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:119 Resp: 49
Ion Ratio Lower Upper
119 100
134 87.8 12.7 38.0#
91 577.6 13.3 39.9#



#95
Naphthalene
Concen: 1.59 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.007 min
Lab File: VU043675.D
Acq: 12 May 2021 14:26

Tgt Ion:128 Resp: 543
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.6 12.8#

