

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
 Data File : VU043673.D
 Acq On : 12 May 2021 13:40
 Operator : SY/MD
 Sample : M2324-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 13 01:31:30 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)

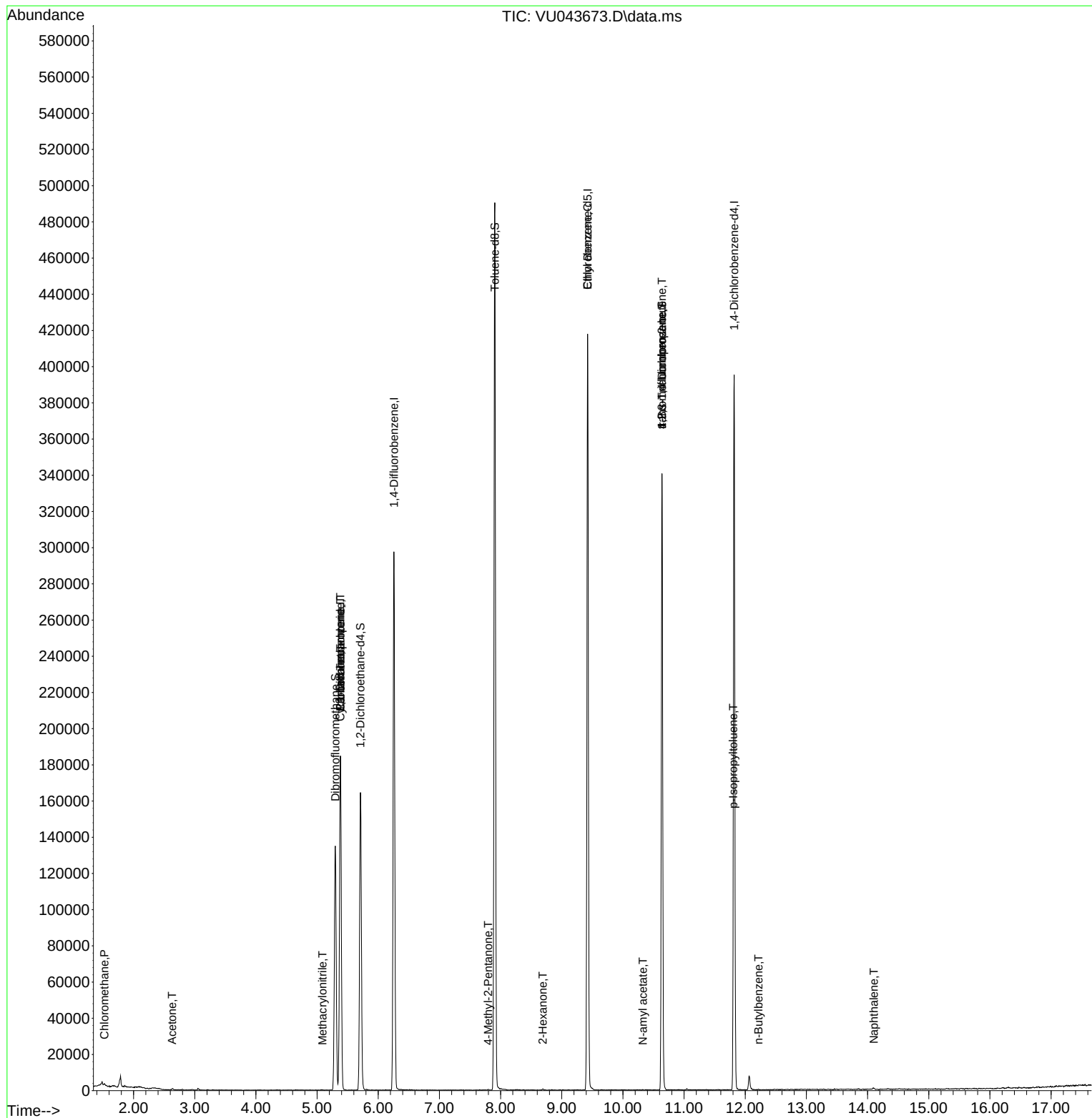
Internal Standards						
1) Pentafluorobenzene	5.382	168	116693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	211432	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	205428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	92382	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	124882	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
35) Dibromofluoromethane	5.298	113	84829	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
50) Toluene-d8	7.906	98	300912	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	10.639	95	104010	45.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.92%	
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	871	0.73	ug/l	99
16) Acetone	2.629	43	781	0.60	ug/l	98
31) Cyclohexane	5.378	56	3391	1.20	ug/l #	1
36) 1,1-Dichloropropene	5.382	75	11348	4.73	ug/l #	50
38) Carbon Tetrachloride	5.382	117	12389	5.09	ug/l #	17
41) Methacrylonitrile	5.089	41	69	1.91	ug/l #	27
51) 4-Methyl-2-Pentanone	7.796	43	414	19.26	ug/l #	41
59) 2-Hexanone	8.690	43	444	20.82	ug/l	88
67) Ethyl Benzene	9.423	91	490	1.50	ug/l #	45
74) N-amyl acetate	10.327	43	72	2.53	ug/l #	49
76) 1,2,3-Trichloropropane	10.639	75	58648	19.97	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.639	75	58648	65.02	ug/l #	3
86) p-Isopropyltoluene	11.803	119	60	1.48	ug/l #	1
89) n-Butylbenzene	12.217	91	136	2.55	ug/l #	35
95) Naphthalene	14.102	128	1299	1.68	ug/l #	76

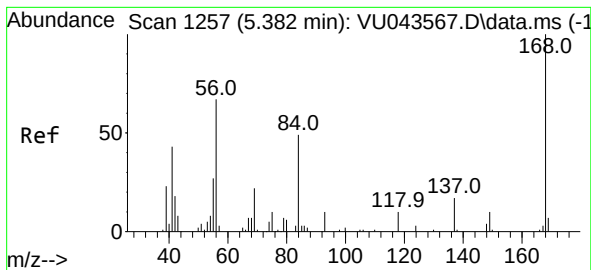
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
Data File : VU043673.D
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Quant Time: May 13 01:31:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
Quant Title : SW846 8260
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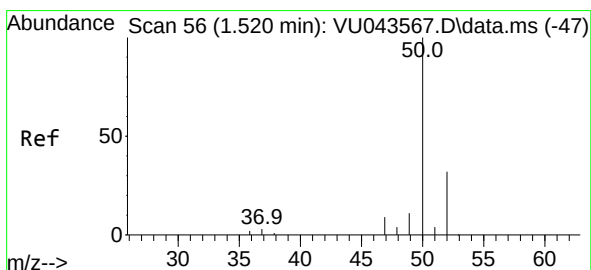
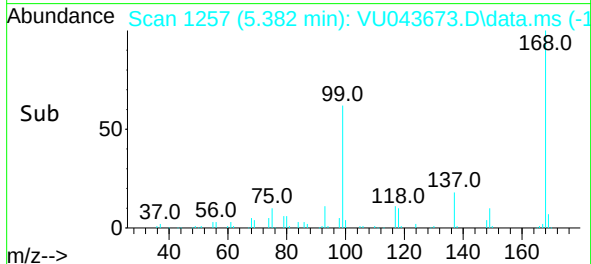
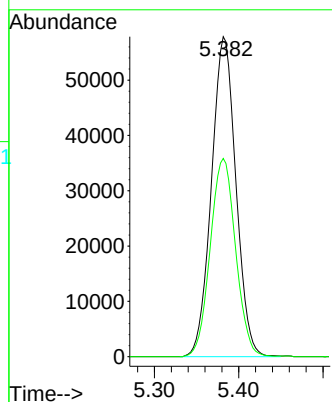
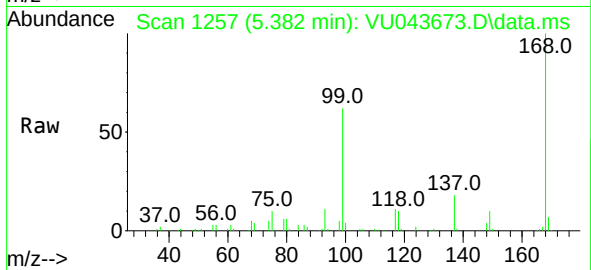




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043673.D
Acq: 12 May 2021 13:40

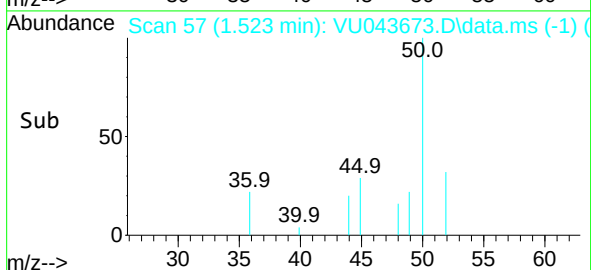
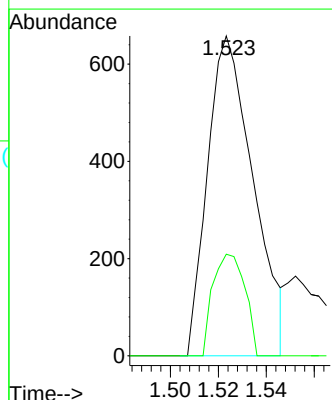
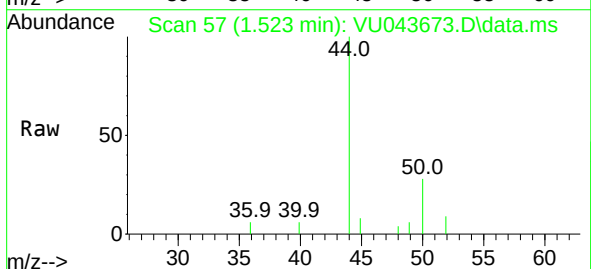
Instrument :
MSVOA_U
ClientSampleId :

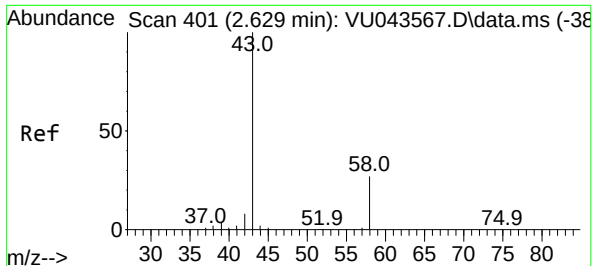
Tgt Ion:168 Resp: 116693
Ion Ratio Lower Upper
168 100
99 62.0 49.0 73.6



#3
Chloromethane
Concen: 0.73 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043673.D
Acq: 12 May 2021 13:40

Tgt Ion: 50 Resp: 871
Ion Ratio Lower Upper
50 100
52 31.8 25.9 38.9

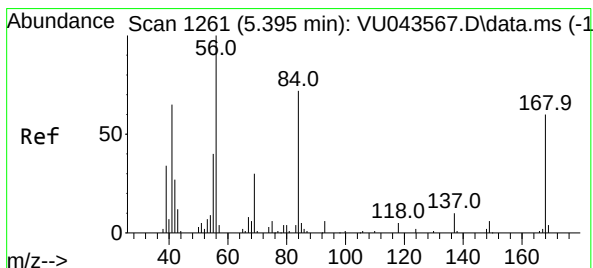
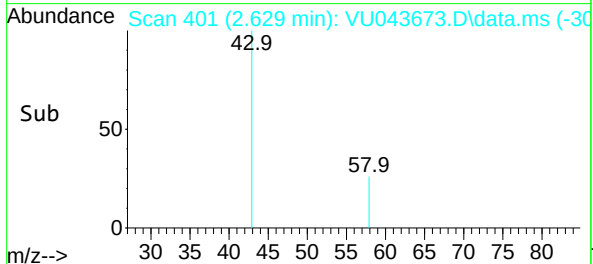
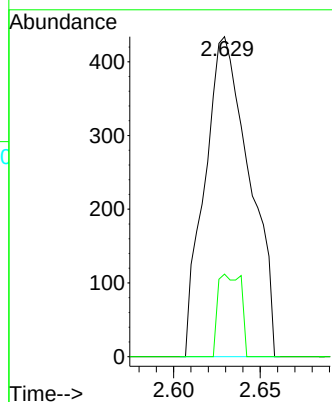
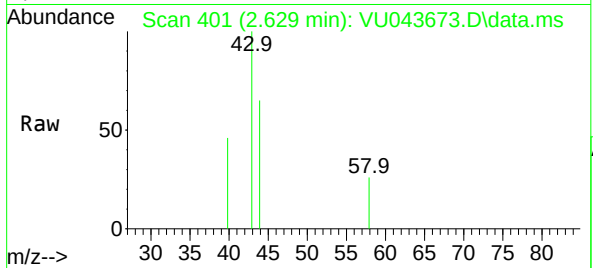




#16
Acetone
Concen: 0.60 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU043673.D
Acq: 12 May 2021 13:40

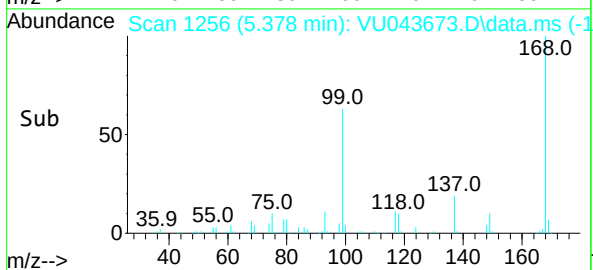
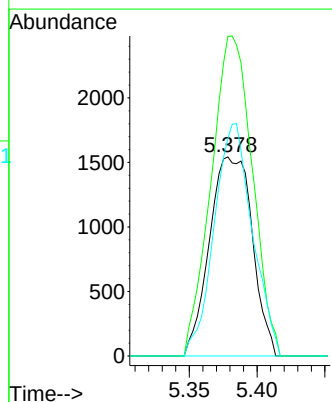
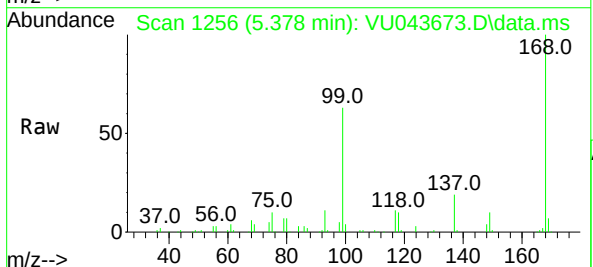
Instrument :
MSVOA_U
ClientSampled :

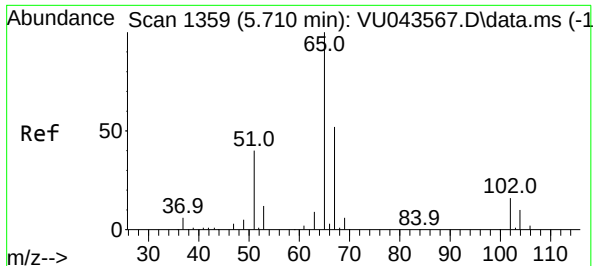
Tgt Ion: 43 Resp: 781
Ion Ratio Lower Upper
43 100
58 25.8 21.7 32.5



#31
Cyclohexane
Concen: 1.20 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU043673.D
Acq: 12 May 2021 13:40

Tgt Ion: 56 Resp: 3391
Ion Ratio Lower Upper
56 100
69 160.5 23.9 35.9#
84 109.2 57.7 86.5#





#33

1,2-Dichloroethane-d4

Concen: 51.74 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043673.D

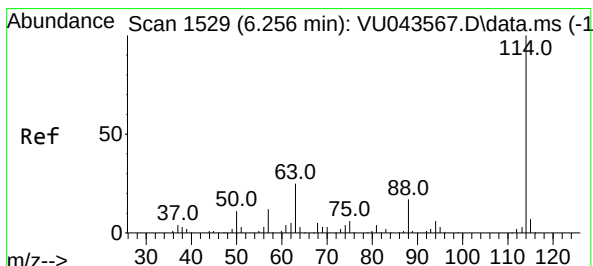
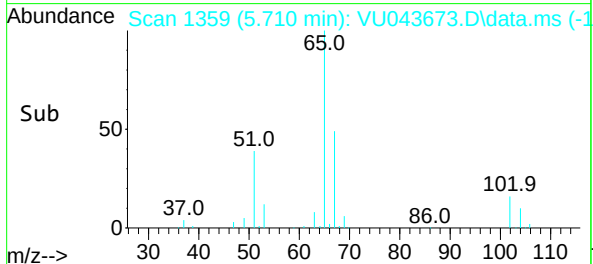
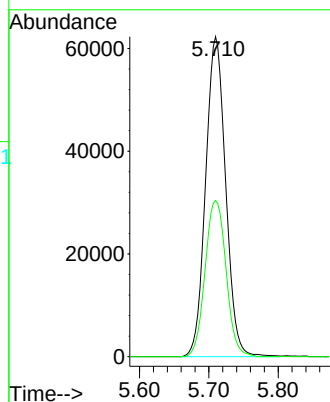
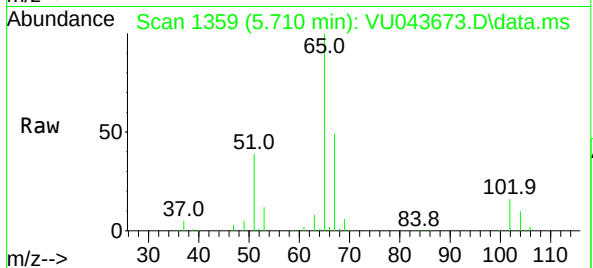
Acq: 12 May 2021 13:40

Tgt Ion: 65 Resp: 124882

Ion Ratio Lower Upper

65 100

67 51.1 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: VU043673.D

Acq: 12 May 2021 13:40

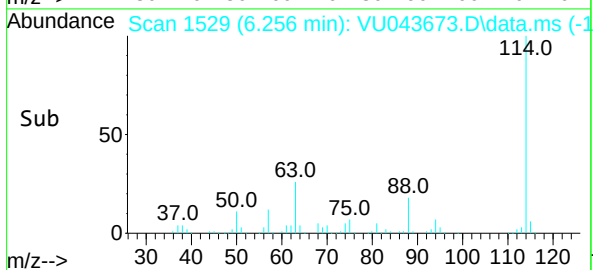
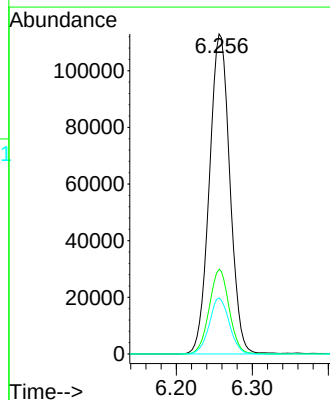
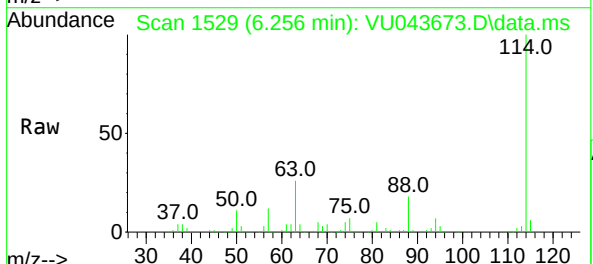
Tgt Ion: 114 Resp: 211432

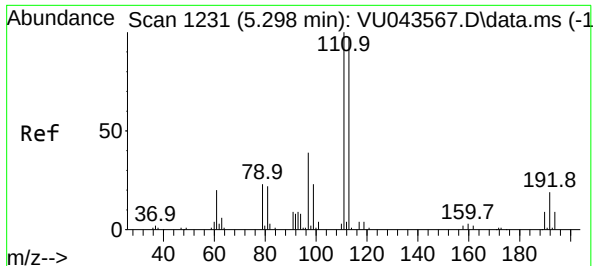
Ion Ratio Lower Upper

114 100

63 26.4 0.0 50.2

88 17.5 0.0 33.8

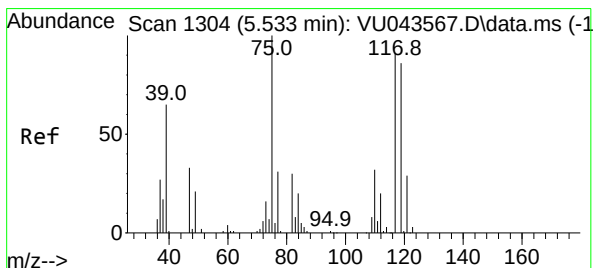
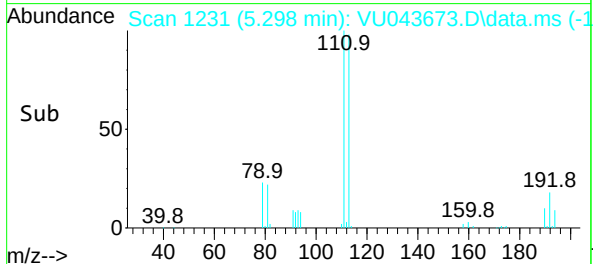
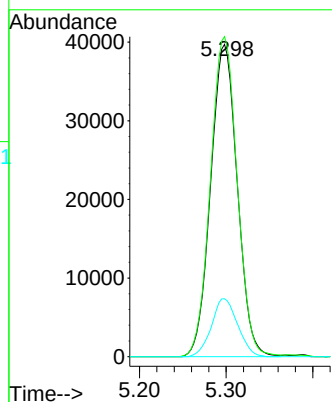
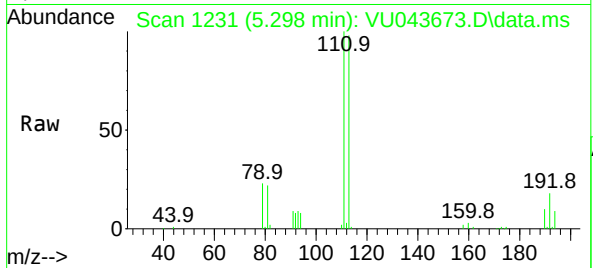




#35
Dibromofluoromethane
Concen: 48.61 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043673.D
Acq: 12 May 2021 13:40

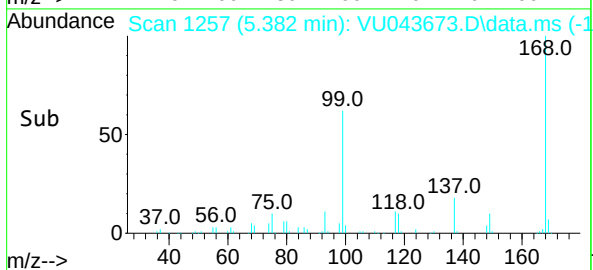
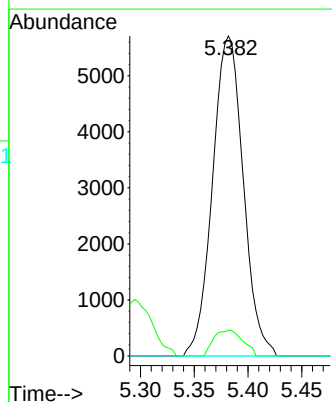
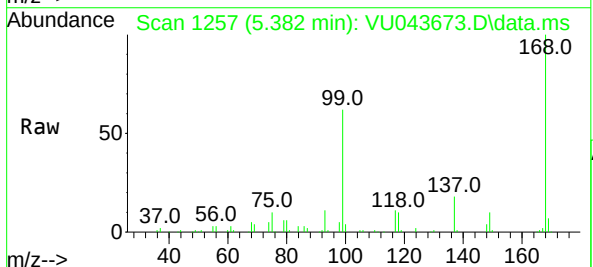
Instrument :
MSVOA_U
ClientSampleId :

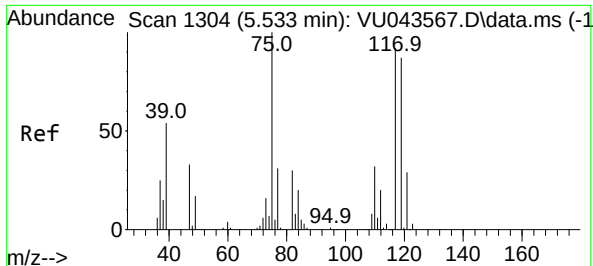
Tgt Ion:113 Resp: 84829
Ion Ratio Lower Upper
113 100
111 103.1 82.3 123.5
192 18.3 15.8 23.6



#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043673.D
Acq: 12 May 2021 13:40

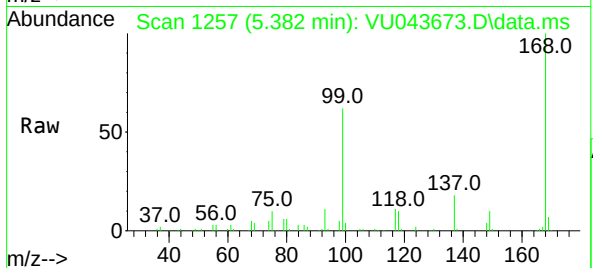
Tgt Ion: 75 Resp: 11348
Ion Ratio Lower Upper
75 100
110 7.6 16.2 48.5#
77 0.0 24.4 36.6#



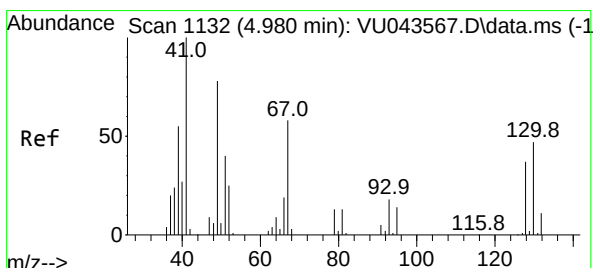
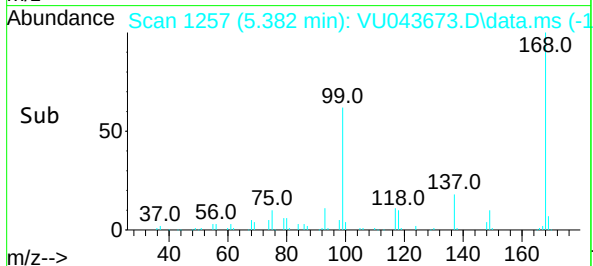
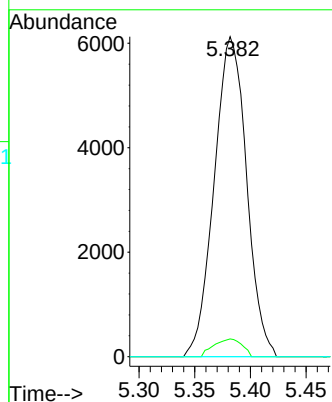


#38
Carbon Tetrachloride
Concen: 5.09 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043673.D
Acq: 12 May 2021 13:40

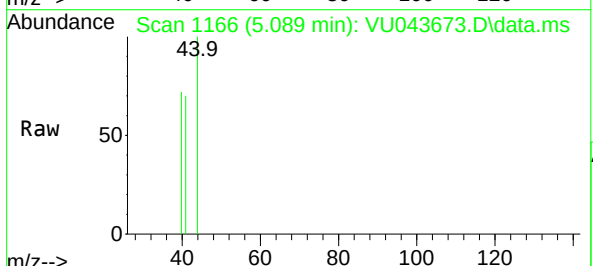
Instrument :
MSVOA_U
ClientSampleId :



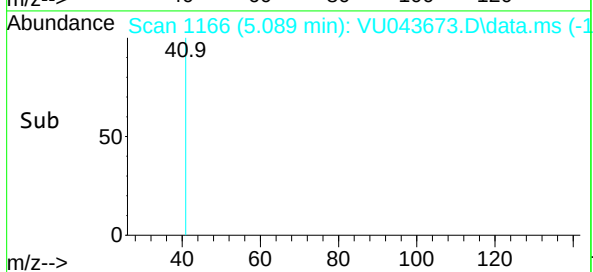
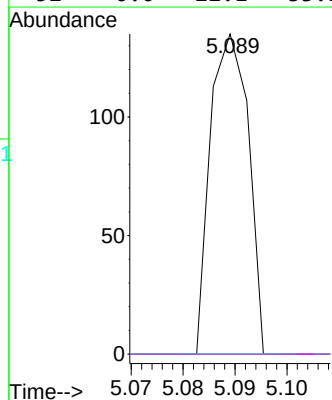
Tgt Ion:117 Resp: 12389
Ion Ratio Lower Upper
117 100
119 5.6 75.4 113.0#
121 0.0 25.2 37.8#

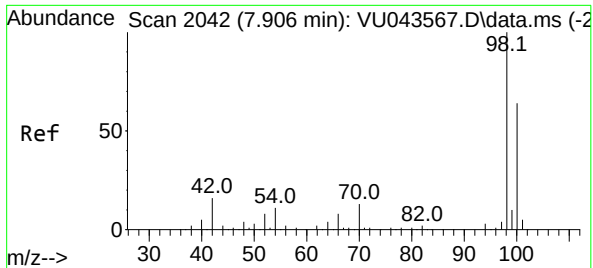


#41
Methacrylonitrile
Concen: 1.91 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. 0.109 min
Lab File: VU043673.D
Acq: 12 May 2021 13:40



Tgt Ion: 41 Resp: 69
Ion Ratio Lower Upper
41 100
39 0.0 45.8 68.6#
67 0.0 46.5 69.7#
52 0.0 22.1 33.1#

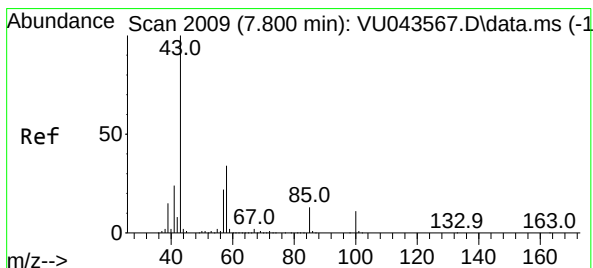
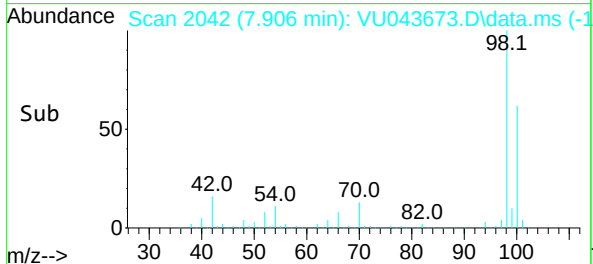
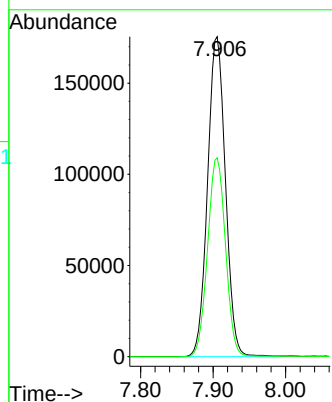
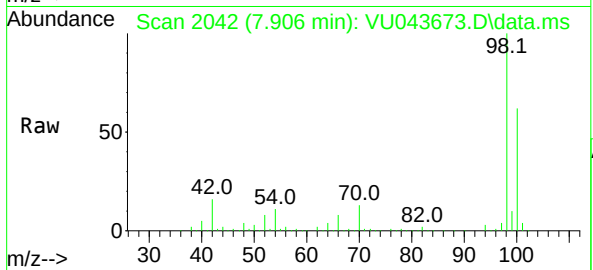




#50
Toluene-d8
Concen: 51.25 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043673.D
Acq: 12 May 2021 13:40

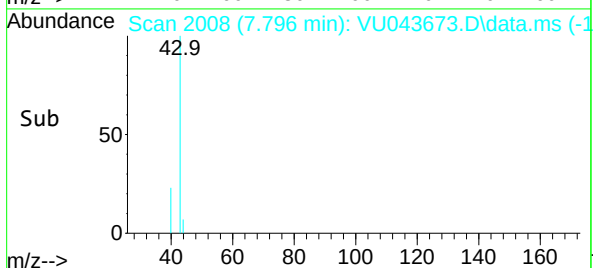
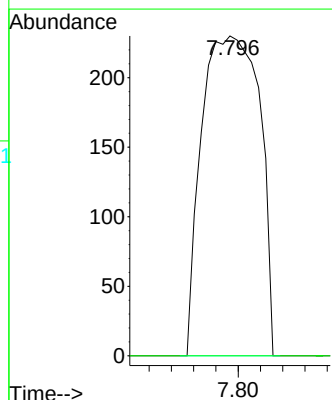
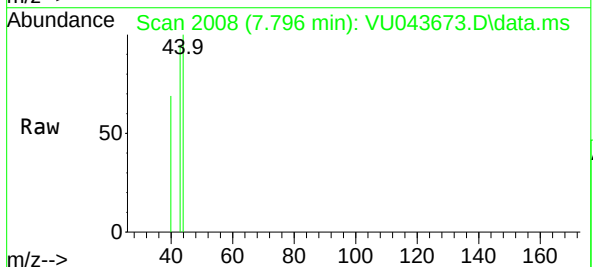
Instrument :
MSVOA_U
ClientSampled :

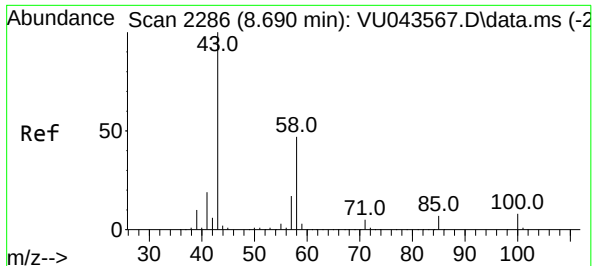
Tgt Ion: 98 Resp: 300912
Ion Ratio Lower Upper
98 100
100 62.4 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 19.26 ug/l
RT: 7.796 min Scan# 2008
Delta R.T. -0.004 min
Lab File: VU043673.D
Acq: 12 May 2021 13:40

Tgt Ion: 43 Resp: 414
Ion Ratio Lower Upper
43 100
58 0.0 27.2 40.8#

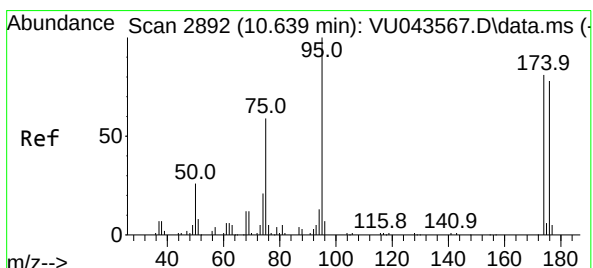
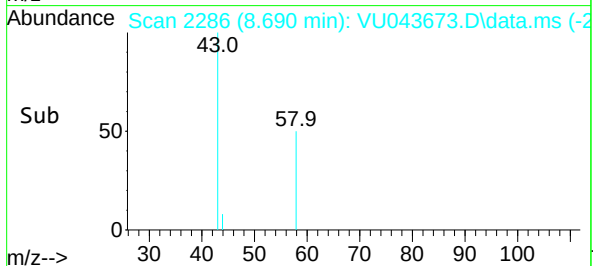
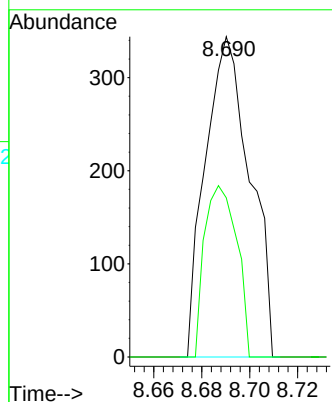
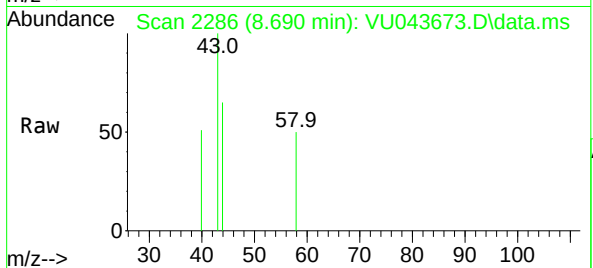




#59
2-Hexanone
Concen: 20.82 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU043673.D
Acq: 12 May 2021 13:40

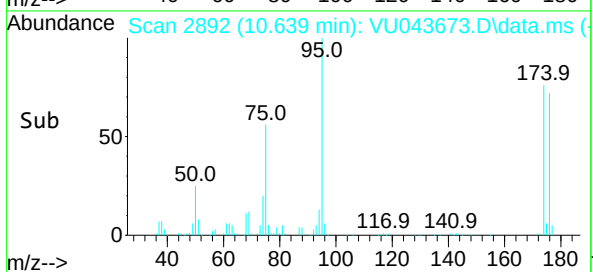
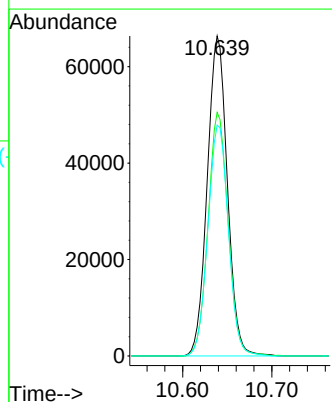
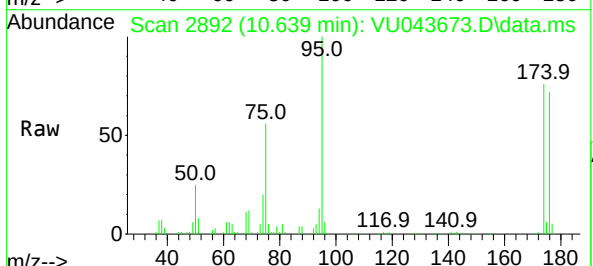
Instrument :
MSVOA_U
ClientSampled :

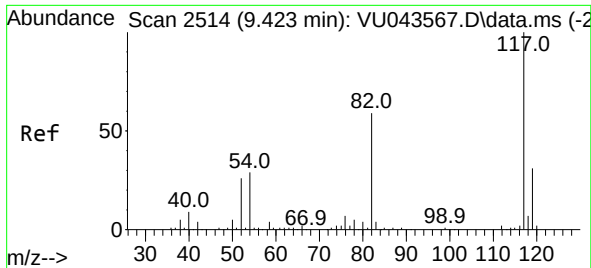
Tgt Ion: 43 Resp: 444
Ion Ratio Lower Upper
43 100
58 38.7 23.4 70.2



#62
4-Bromofluorobenzene
Concen: 45.46 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043673.D
Acq: 12 May 2021 13:40

Tgt Ion: 95 Resp: 104010
Ion Ratio Lower Upper
95 100
174 76.1 0.0 158.8
176 73.5 0.0 155.6

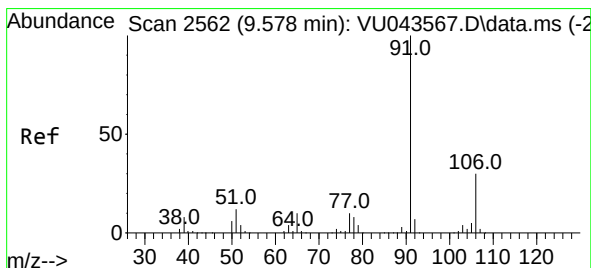
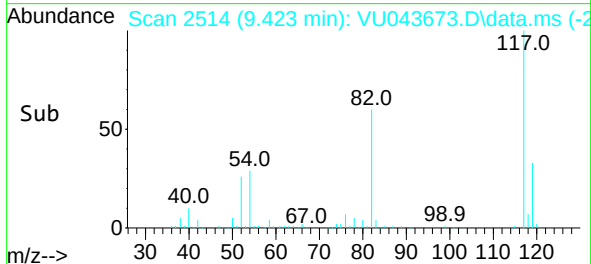
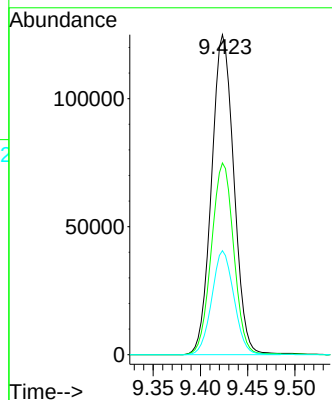
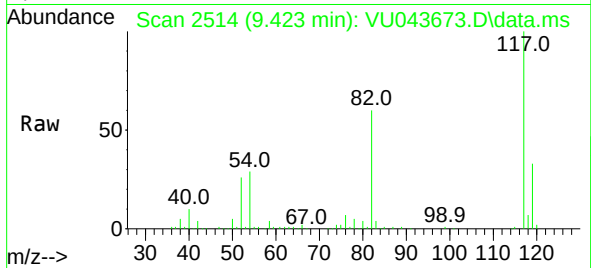




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043673.D
Acq: 12 May 2021 13:40

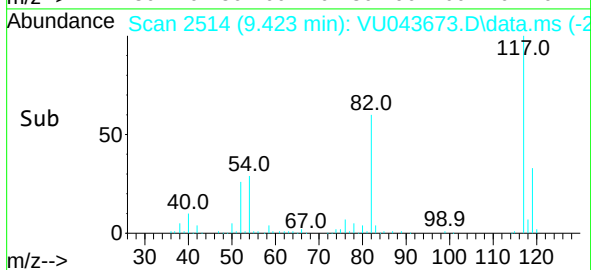
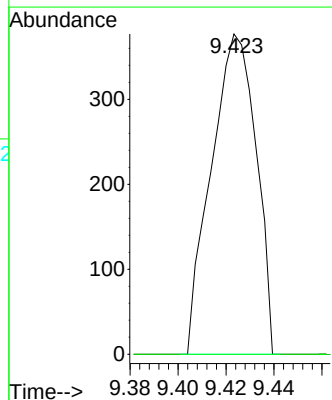
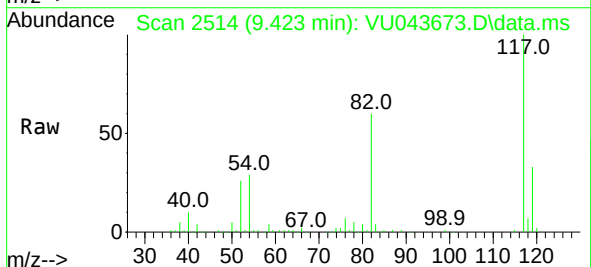
Instrument :
MSVOA_U
ClientSampled :

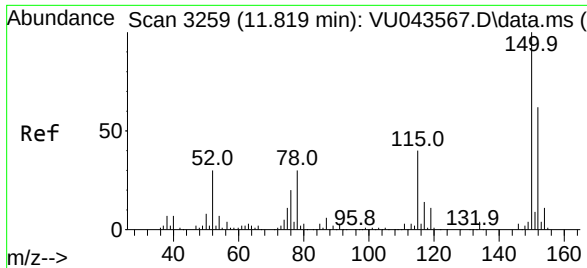
Tgt Ion:117 Resp: 205428
Ion Ratio Lower Upper
117 100
82 59.9 47.5 71.3
119 32.5 24.7 37.1



#67
Ethyl Benzene
Concen: 1.50 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.155 min
Lab File: VU043673.D
Acq: 12 May 2021 13:40

Tgt Ion: 91 Resp: 490
Ion Ratio Lower Upper
91 100
106 0.0 24.0 36.0#

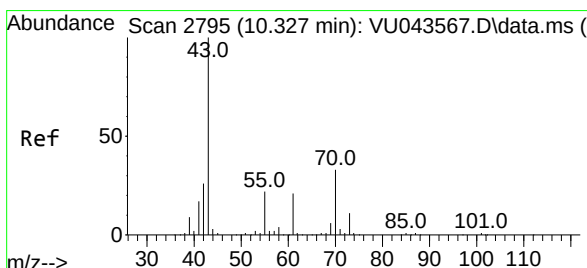
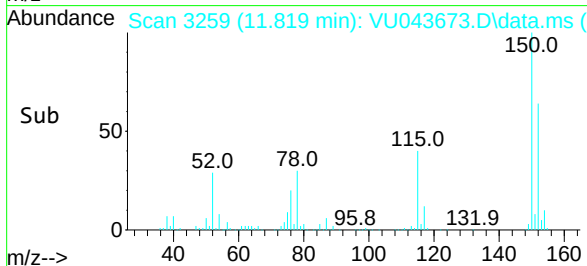
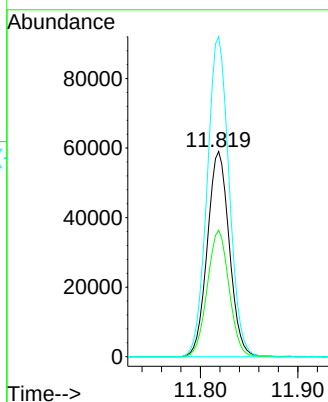
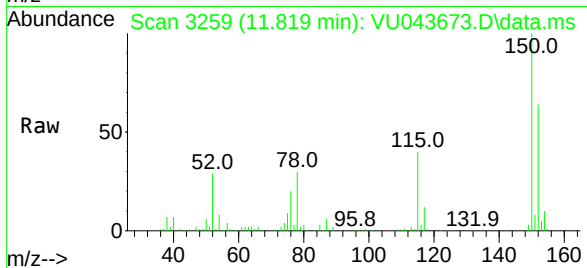




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043673.D
Acq: 12 May 2021 13:40

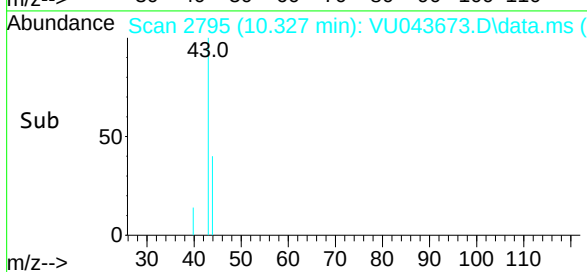
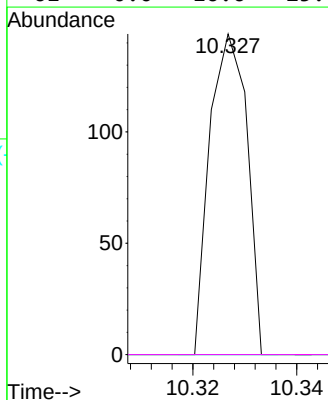
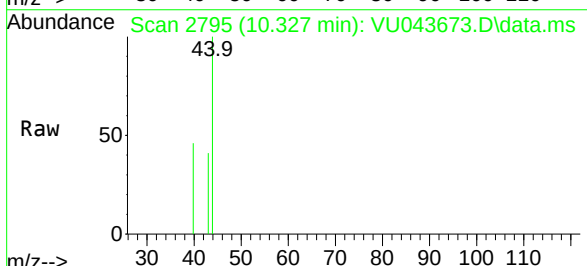
Instrument :
MSVOA_U
ClientSampleId :

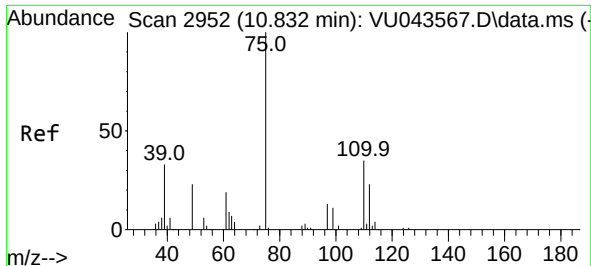
Tgt Ion:152 Resp: 92382
Ion Ratio Lower Upper
152 100
115 61.2 46.1 138.3
150 156.1 0.0 361.0



#74
N-ethyl acetate
Concen: 2.53 ug/l
RT: 10.327 min Scan# 2795
Delta R.T. -0.000 min
Lab File: VU043673.D
Acq: 12 May 2021 13:40

Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
70 0.0 26.4 39.6#
55 0.0 18.0 27.0#
61 0.0 16.6 25.0#

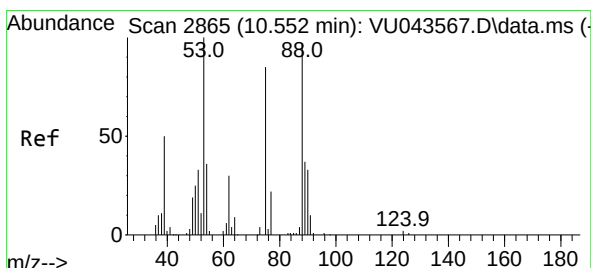
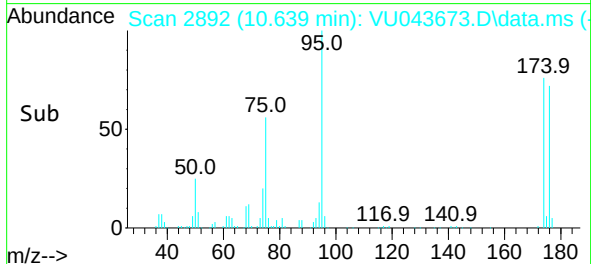
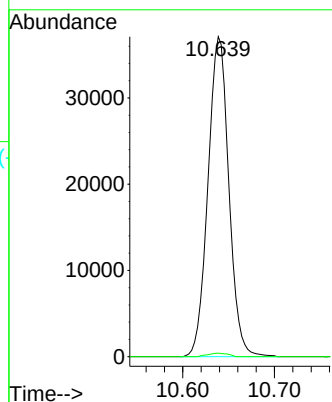
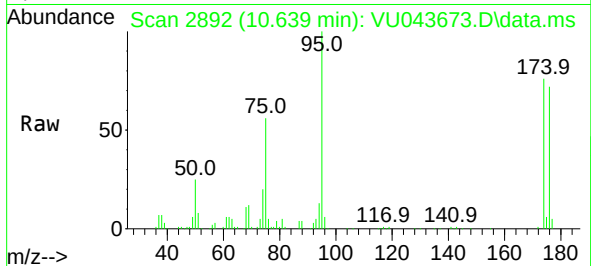




#76
1,2,3-Trichloropropane
Concen: 19.97 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU043673.D
Acq: 12 May 2021 13:40

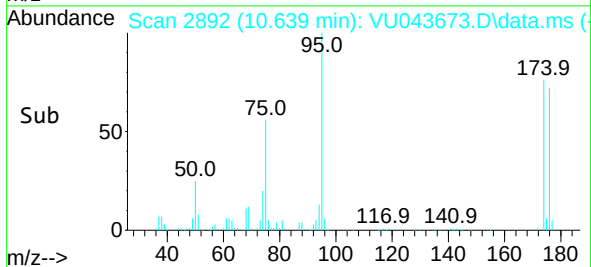
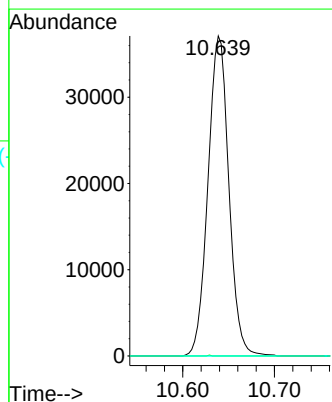
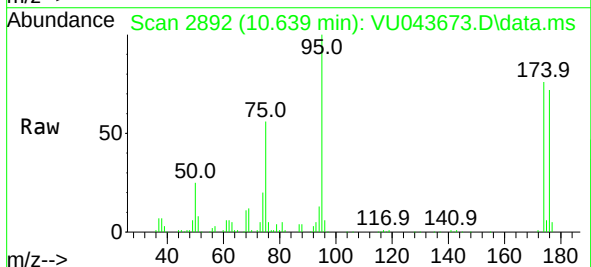
Instrument :
MSVOA_U
ClientSampleId :

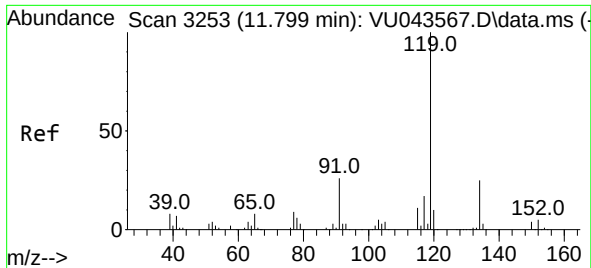
Tgt Ion: 75 Resp: 58648
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.02 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU043673.D
Acq: 12 May 2021 13:40

Tgt Ion: 75 Resp: 58648
Ion Ratio Lower Upper
75 100
53 0.0 95.8 143.8#
89 0.0 36.1 54.1#

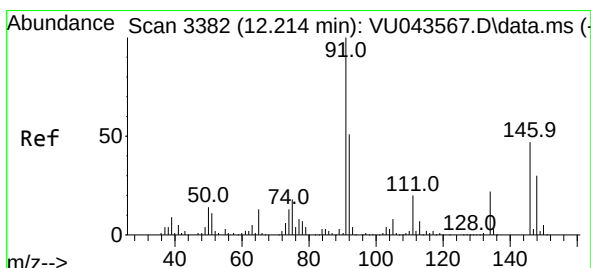
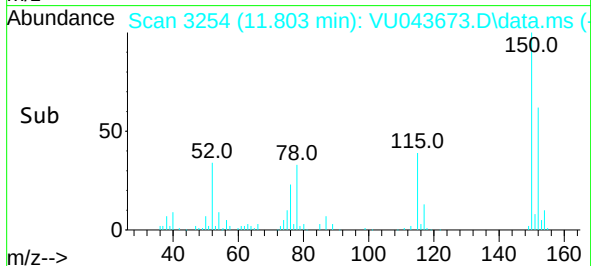
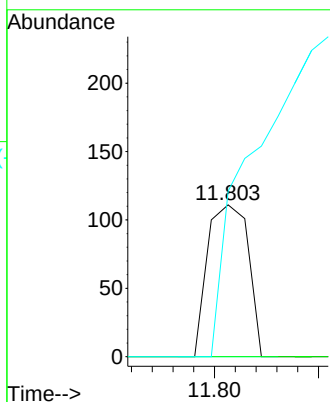
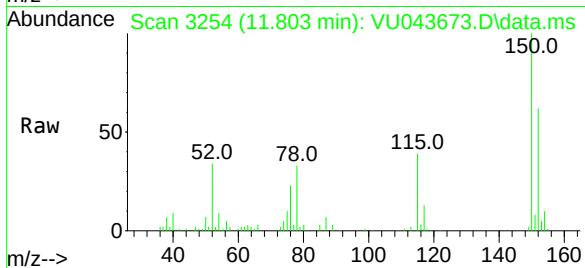




#86
p-Isopropyltoluene
Concen: 1.48 ug/l
RT: 11.803 min Scan# 3254
Delta R.T. 0.004 min
Lab File: VU043673.D
Acq: 12 May 2021 13:40

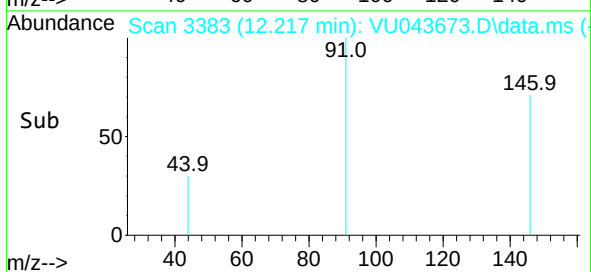
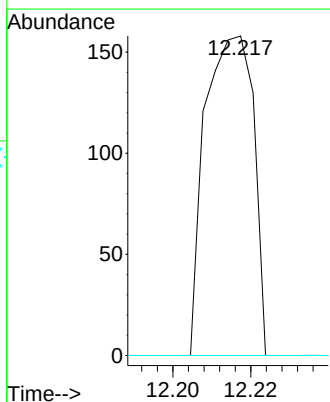
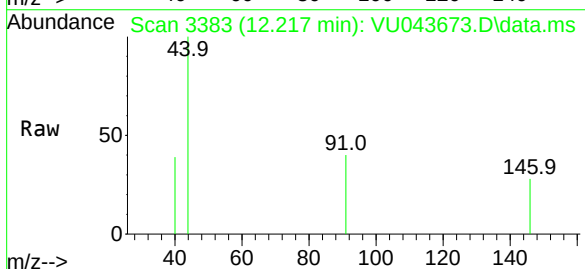
Instrument :
MSVOA_U
ClientSampled :

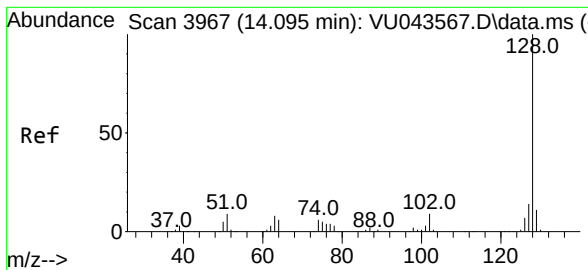
Tgt Ion:119 Resp: 60
Ion Ratio Lower Upper
119 100
134 0.0 12.7 38.0#
91 518.3 13.3 39.9#



#89
n-Butylbenzene
Concen: 2.55 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.003 min
Lab File: VU043673.D
Acq: 12 May 2021 13:40

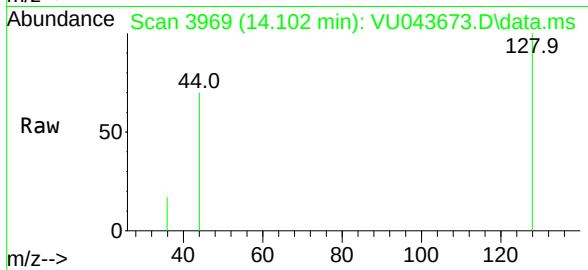
Tgt Ion: 91 Resp: 136
Ion Ratio Lower Upper
91 100
92 0.0 25.4 76.2#
134 0.0 11.3 33.9#





#95
 Naphthalene
 Concen: 1.68 ug/l
 RT: 14.102 min Scan# 3969
 Delta R.T. 0.007 min
 Lab File: VU043673.D
 Acq: 12 May 2021 13:40

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:128 Resp: 1299
 Ion Ratio Lower Upper
 128 100
 127 5.3 10.7 16.1#
 129 0.0 8.6 12.8#

