

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
 Data File : VU043684.D
 Acq On : 12 May 2021 17:48
 Operator : SY/MD
 Sample : M2365-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 13 01:34:41 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)

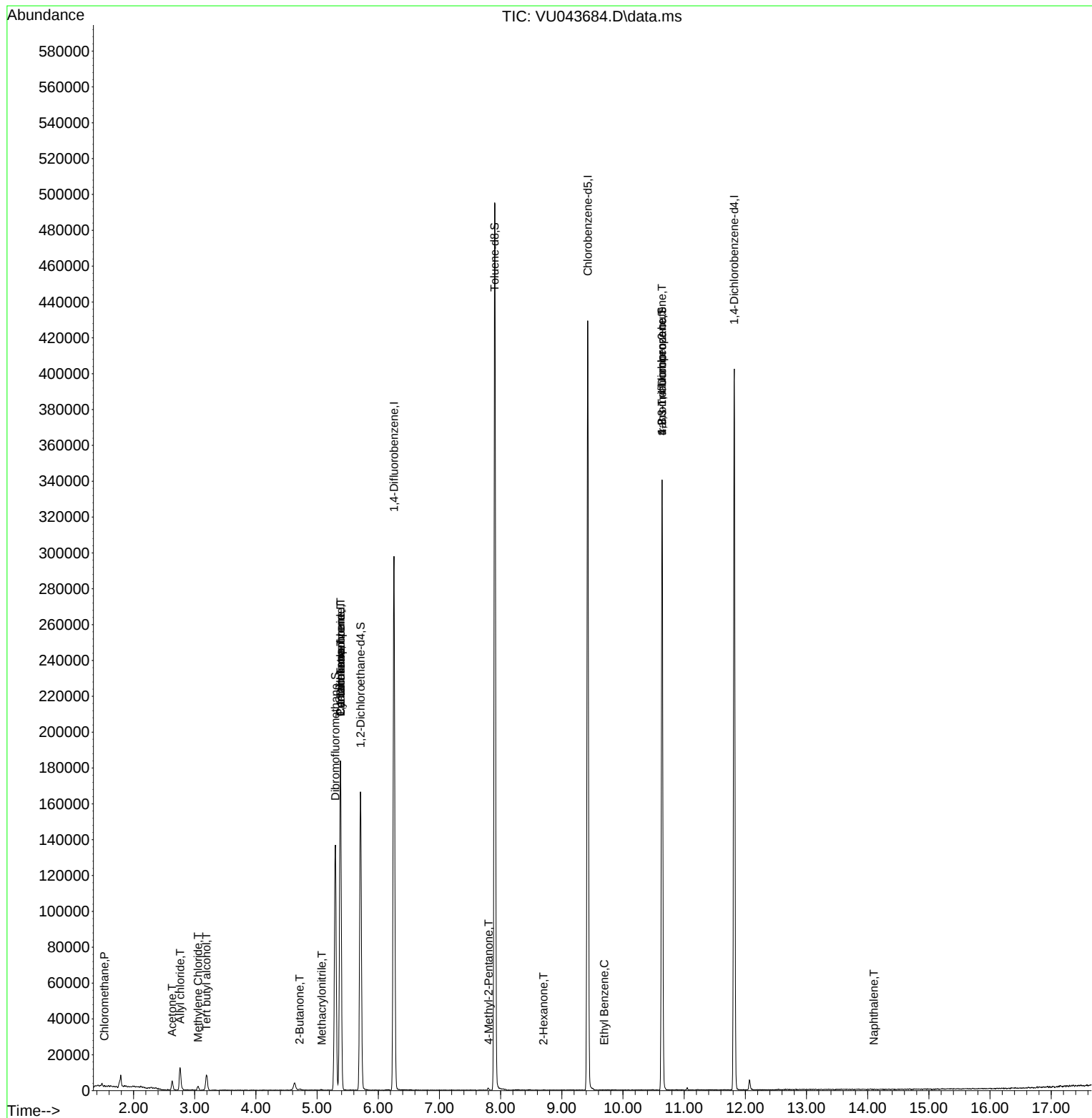
Internal Standards						
1) Pentafluorobenzene	5.382	168	116100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.257	114	214152	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	209046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	93279	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	125215	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
35) Dibromofluoromethane	5.298	113	86115	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	7.903	98	303009	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	10.639	95	106014	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	
Target Compounds						
						Qvalue
3) Chloromethane	1.524	50	790	0.69	ug/l	97
11) Tert butyl alcohol	3.192	59	5792	9.19	ug/l #	73
14) Allyl chloride	2.761	41	1589	0.47	ug/l #	71
16) Acetone	2.630	43	5770	4.42	ug/l	94
20) Methylene Chloride	3.054	84	905	0.49	ug/l #	91
25) 2-Butanone	4.713	43	601	0.30	ug/l #	56
31) Cyclohexane	5.382	56	3335	1.19	ug/l #	1
36) 1,1-Dichloropropene	5.382	75	11663	4.80	ug/l #	50
38) Carbon Tetrachloride	5.382	117	12721	5.16	ug/l #	17
41) Methacrylonitrile	5.077	41	238	1.98	ug/l #	27
51) 4-Methyl-2-Pentanone	7.803	43	988	19.37	ug/l #	76
59) 2-Hexanone	8.700	43	40	20.72	ug/l #	30
67) Ethyl Benzene	9.694	91	20	1.45	ug/l #	45
76) 1,2,3-Trichloropropane	10.639	75	58950	19.88	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.639	75	58950	64.73	ug/l #	3
95) Naphthalene	14.102	128	74	1.53	ug/l #	69

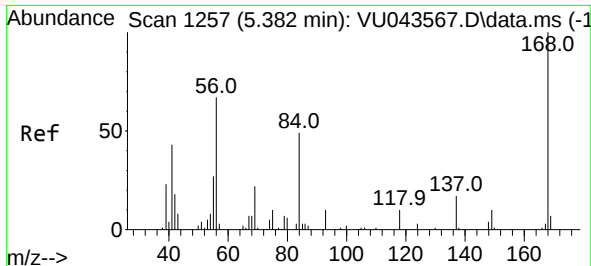
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

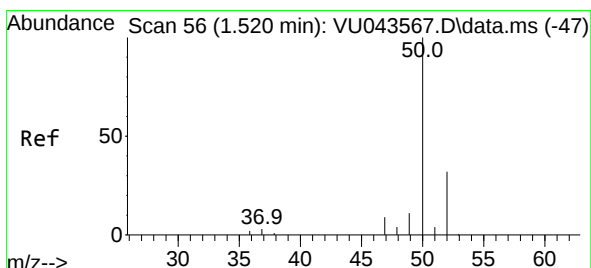
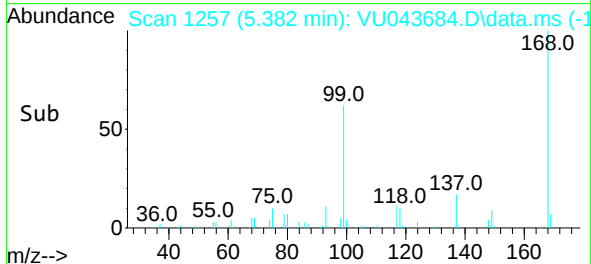
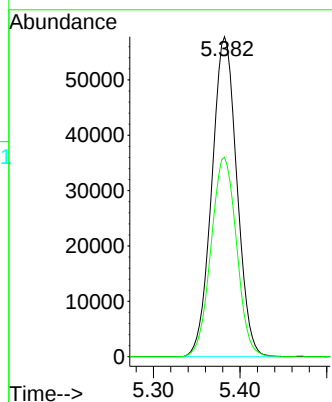
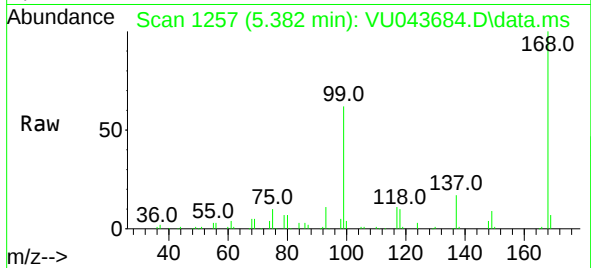




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043684.D
Acq: 12 May 2021 17:48

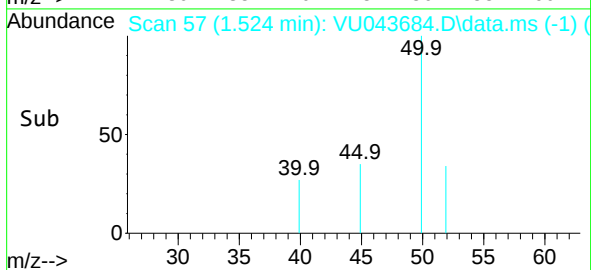
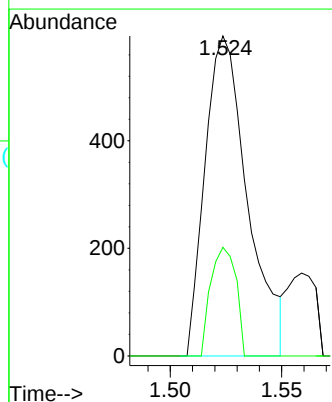
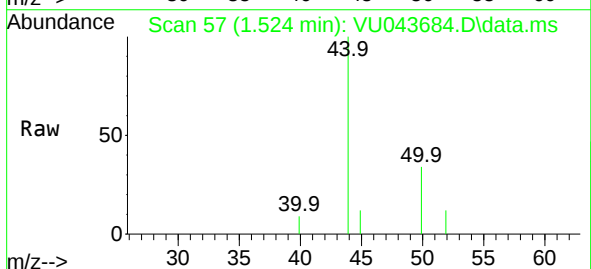
Instrument :
MSVOA_U
ClientSampleId :

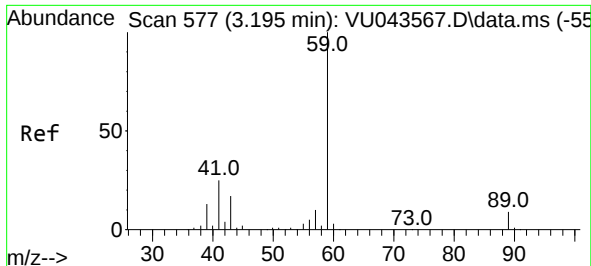
Tgt Ion:168 Resp: 116100
Ion Ratio Lower Upper
168 100
99 62.3 49.0 73.6



#3
Chloromethane
Concen: 0.69 ug/l
RT: 1.524 min Scan# 57
Delta R.T. 0.004 min
Lab File: VU043684.D
Acq: 12 May 2021 17:48

Tgt Ion: 50 Resp: 790
Ion Ratio Lower Upper
50 100
52 33.9 25.9 38.9

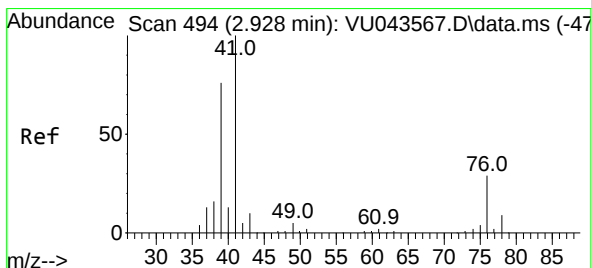
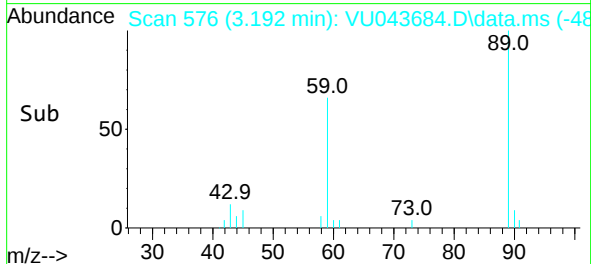
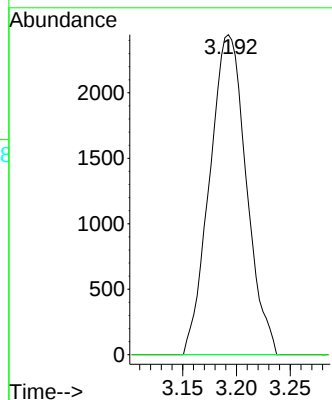
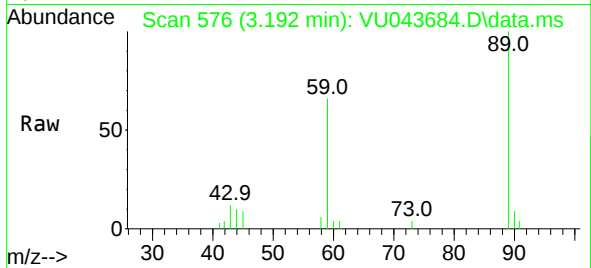




#11
Tert butyl alcohol
Concen: 9.19 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.003 min
Lab File: VU043684.D
Acq: 12 May 2021 17:48

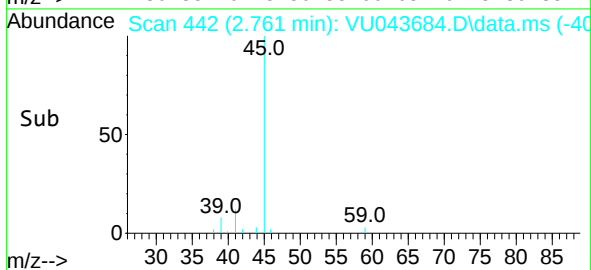
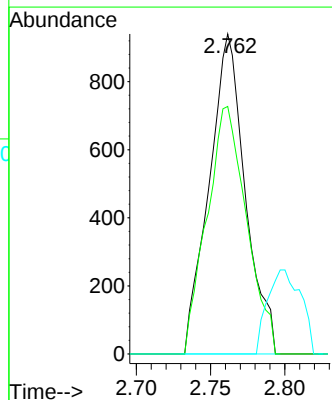
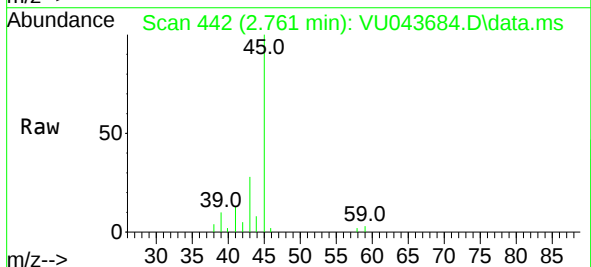
Instrument :
MSVOA_U
ClientSampleId :

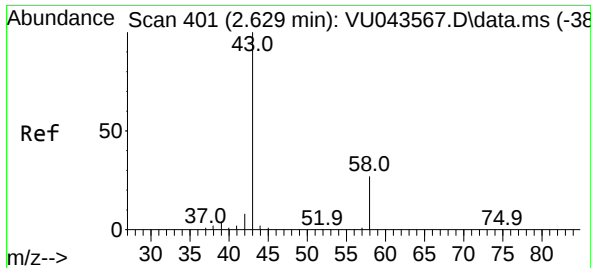
Tgt Ion: 59 Resp: 5792
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#14
Allyl chloride
Concen: 0.47 ug/l
RT: 2.761 min Scan# 442
Delta R.T. -0.167 min
Lab File: VU043684.D
Acq: 12 May 2021 17:48

Tgt Ion: 41 Resp: 1589
Ion Ratio Lower Upper
41 100
39 84.9 54.5 81.7#
76 0.0 19.9 29.9#

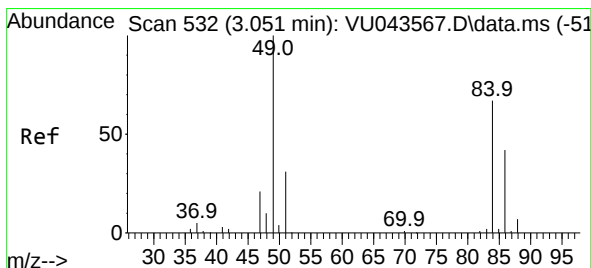
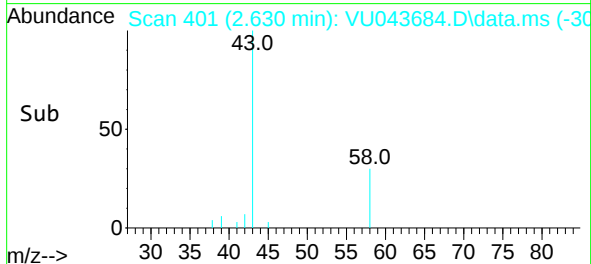
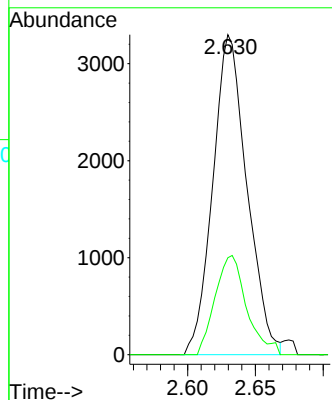
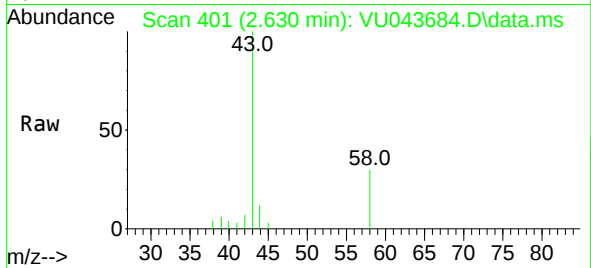




#16
Acetone
Concen: 4.42 ug/l
RT: 2.630 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU043684.D
Acq: 12 May 2021 17:48

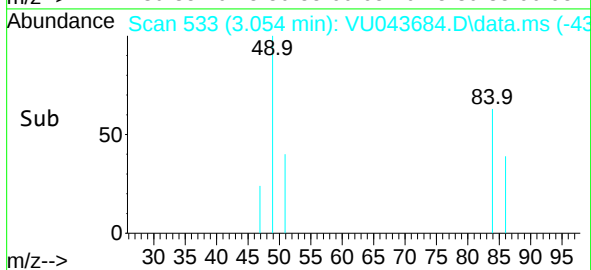
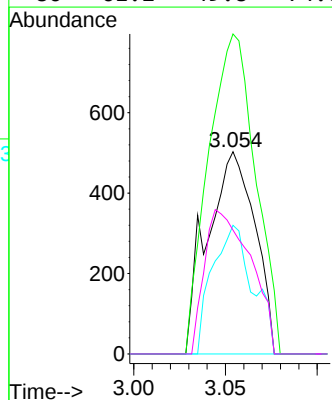
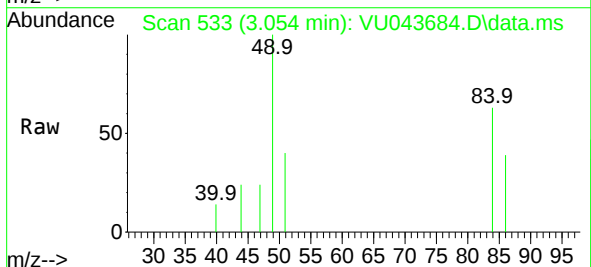
Instrument :
MSVOA_U
ClientSampleId :

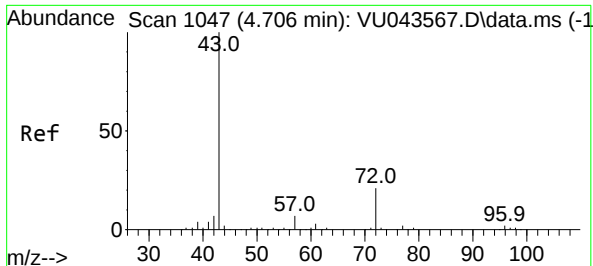
Tgt Ion: 43 Resp: 5770
Ion Ratio Lower Upper
43 100
58 30.3 21.7 32.5



#20
Methylene Chloride
Concen: 0.49 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.004 min
Lab File: VU043684.D
Acq: 12 May 2021 17:48

Tgt Ion: 84 Resp: 905
Ion Ratio Lower Upper
84 100
49 158.3 119.0 178.4
51 63.6 36.8 55.2#
86 61.2 49.8 74.6

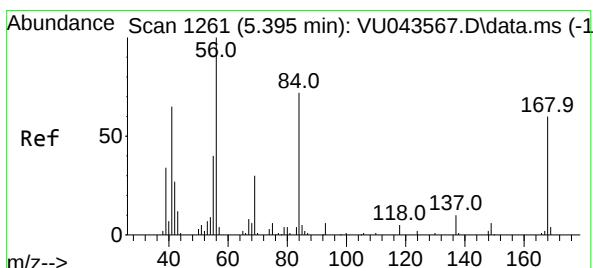
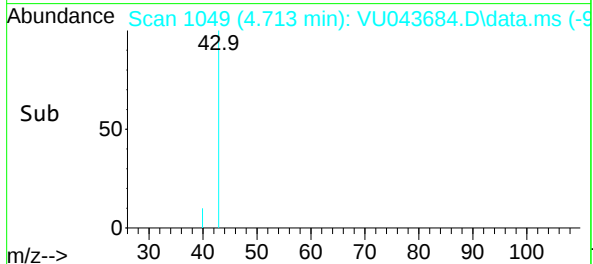
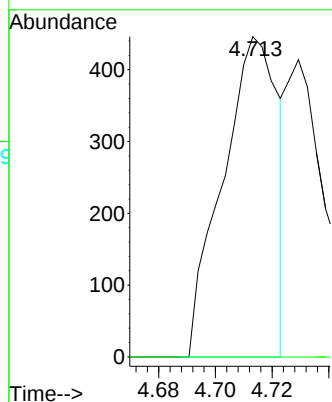
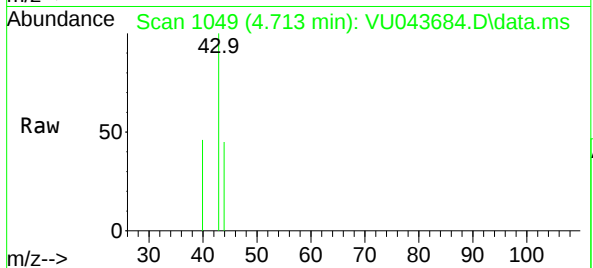




#25
2-Butanone
Concen: 0.30 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.007 min
Lab File: VU043684.D
Acq: 12 May 2021 17:48

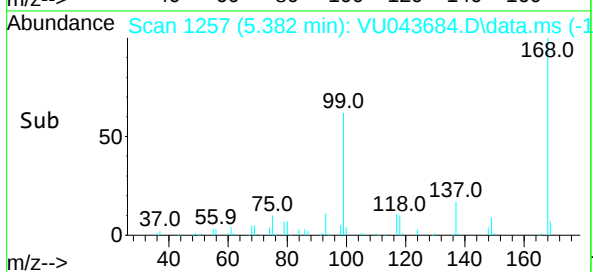
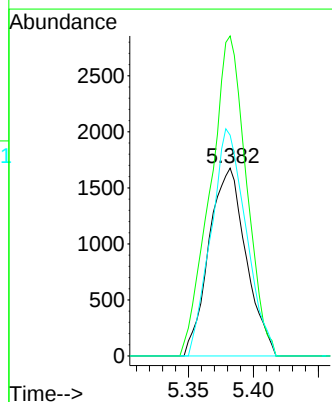
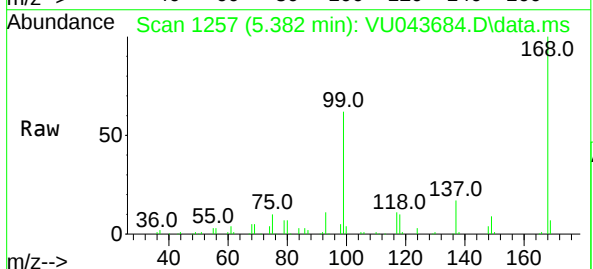
Instrument :
MSVOA_U
ClientSampled :

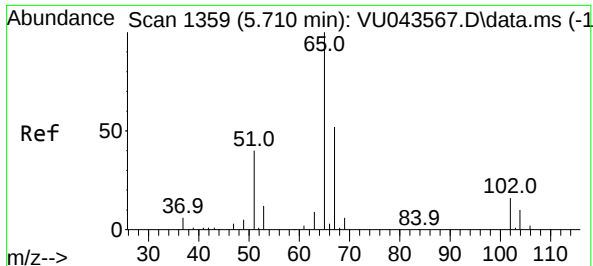
Tgt Ion: 43 Resp: 601
Ion Ratio Lower Upper
43 100
72 0.0 16.5 24.7#



#31
Cyclohexane
Concen: 1.19 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043684.D
Acq: 12 May 2021 17:48

Tgt Ion: 56 Resp: 3335
Ion Ratio Lower Upper
56 100
69 170.3 23.9 35.9#
84 117.5 57.7 86.5#

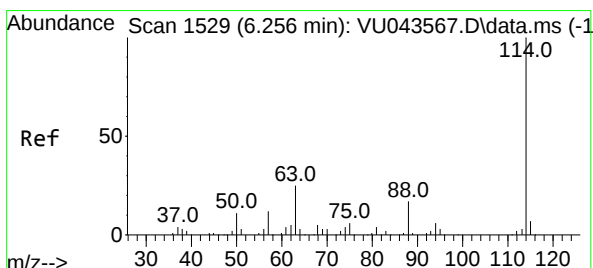
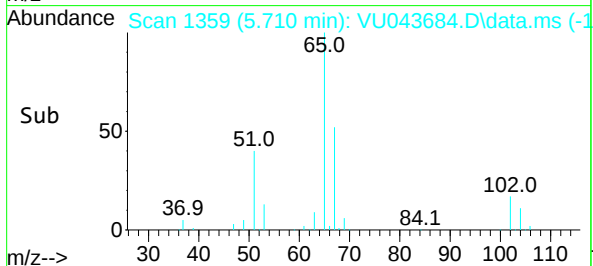
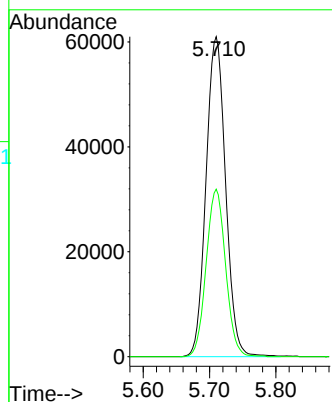
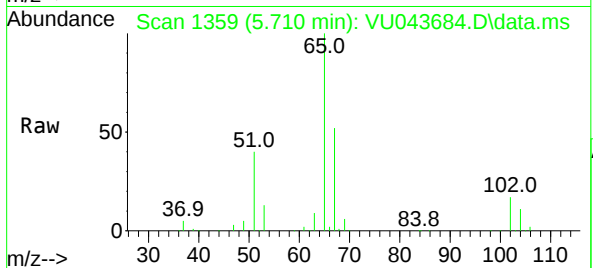




#33
1,2-Dichloroethane-d4
Concen: 52.14 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043684.D
Acq: 12 May 2021 17:48

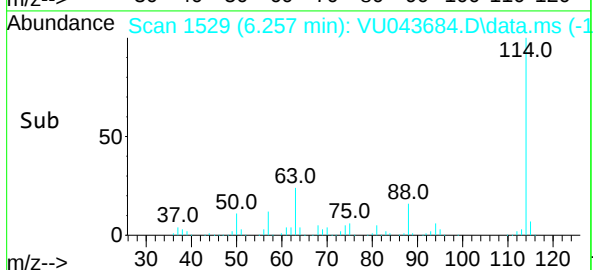
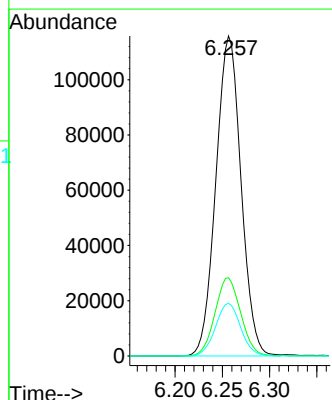
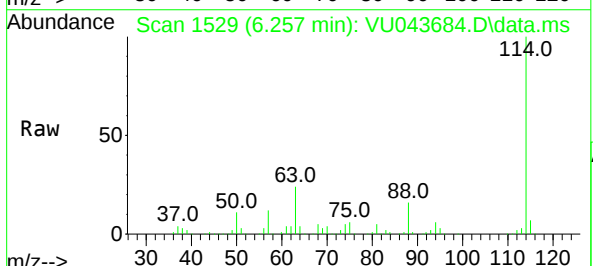
Instrument :
MSVOA_U
ClientSampleId :

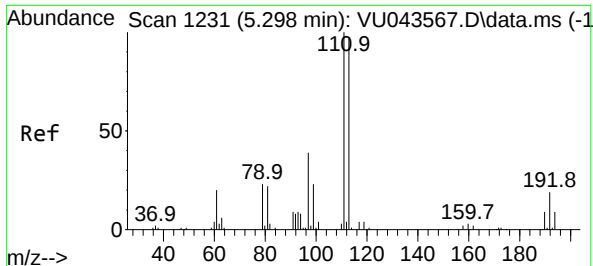
Tgt Ion: 65 Resp: 125215
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.257 min Scan# 1529
Delta R.T. 0.001 min
Lab File: VU043684.D
Acq: 12 May 2021 17:48

Tgt Ion:114 Resp: 214152
Ion Ratio Lower Upper
114 100
63 24.5 0.0 50.2
88 16.4 0.0 33.8

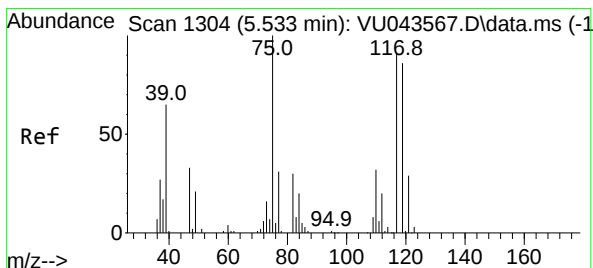
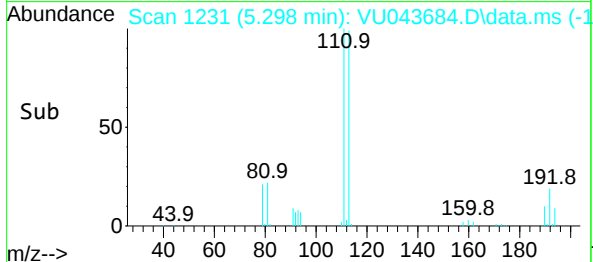
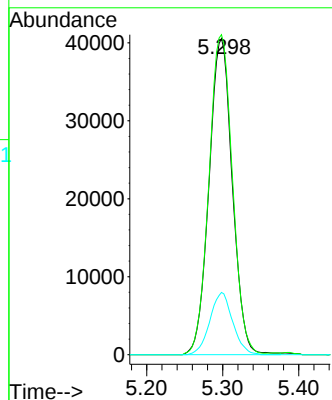
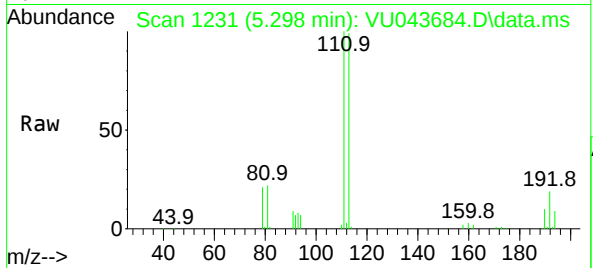




#35
Dibromofluoromethane
Concen: 48.72 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043684.D
Acq: 12 May 2021 17:48

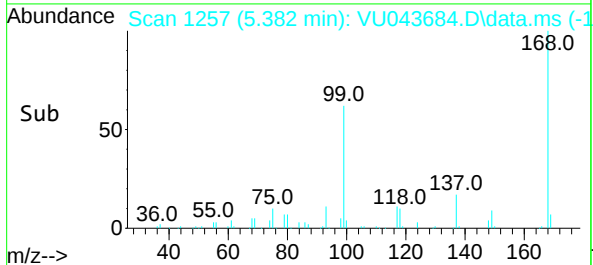
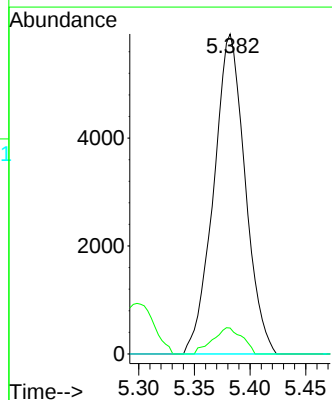
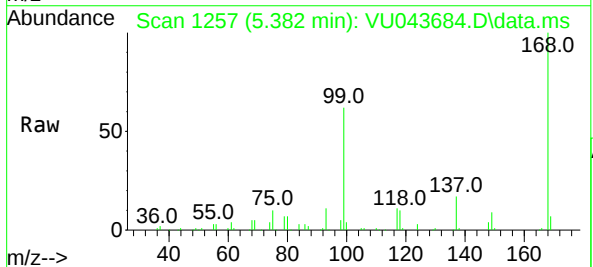
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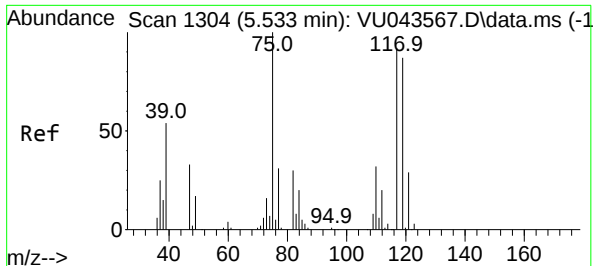
Tgt Ion:113 Resp: 86115
Ion Ratio Lower Upper
113 100
111 102.2 82.3 123.5
192 19.3 15.8 23.6



#36
1,1-Dichloropropene
Concen: 4.80 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043684.D
Acq: 12 May 2021 17:48

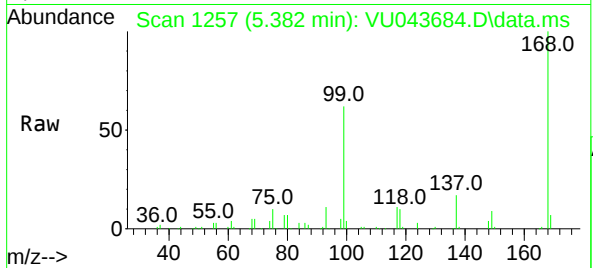
Tgt Ion: 75 Resp: 11663
Ion Ratio Lower Upper
75 100
110 7.6 16.2 48.5#
77 0.0 24.4 36.6#



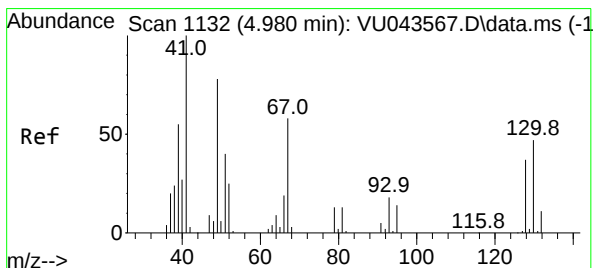
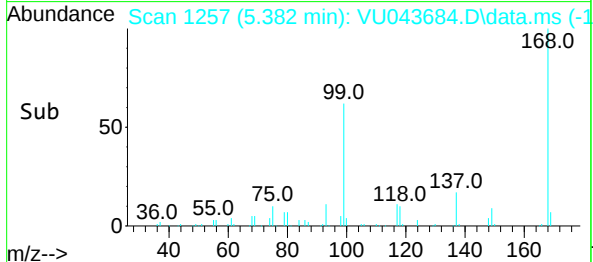
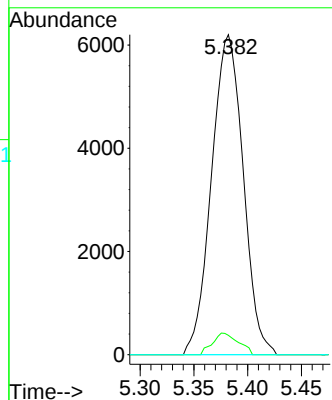


#38
Carbon Tetrachloride
Concen: 5.16 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043684.D
Acq: 12 May 2021 17:48

Instrument :
MSVOA_U
ClientSampled :

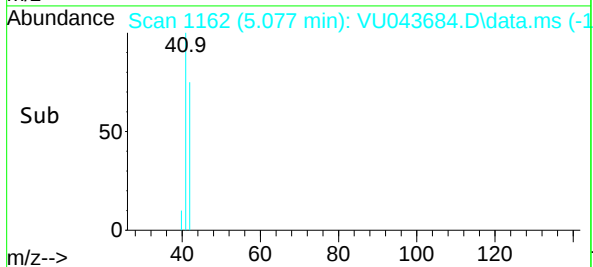
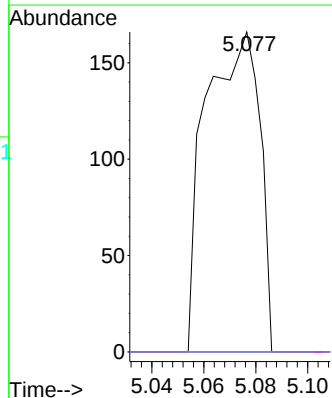
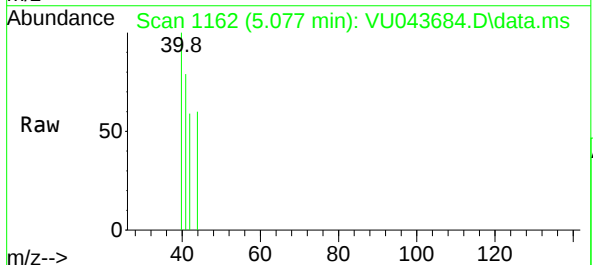


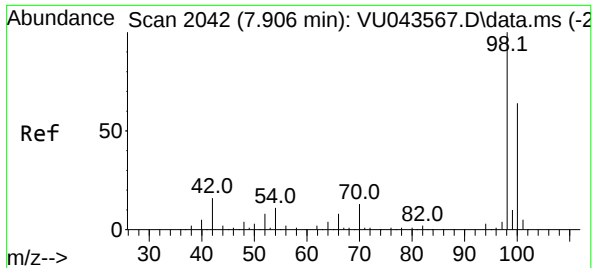
Tgt Ion:117 Resp: 12721
Ion Ratio Lower Upper
117 100
119 6.0 75.4 113.0#
121 0.0 25.2 37.8#



#41
Methacrylonitrile
Concen: 1.98 ug/l
RT: 5.077 min Scan# 1162
Delta R.T. 0.097 min
Lab File: VU043684.D
Acq: 12 May 2021 17:48

Tgt Ion: 41 Resp: 238
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#

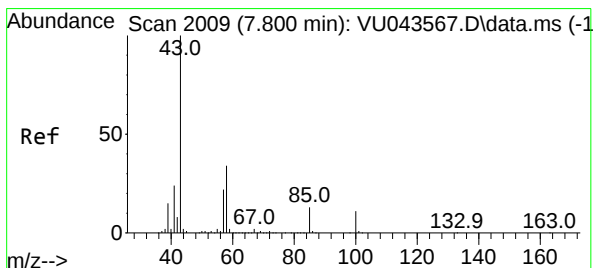
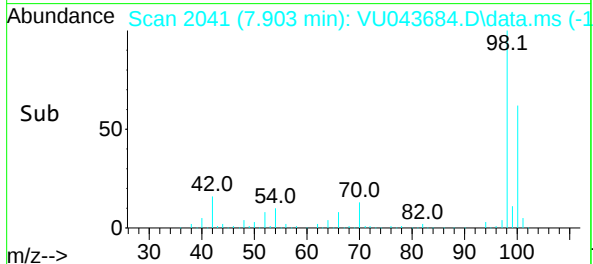
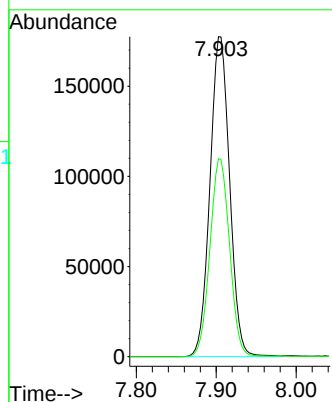
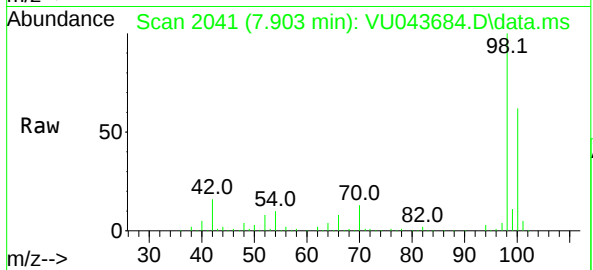




#50
Toluene-d8
Concen: 50.95 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. -0.003 min
Lab File: VU043684.D
Acq: 12 May 2021 17:48

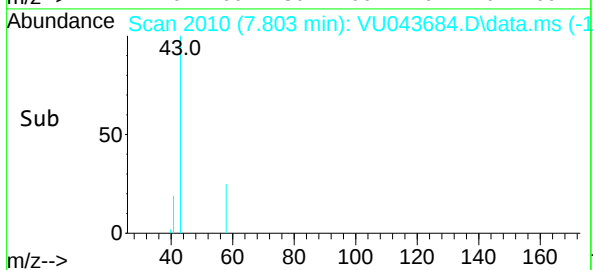
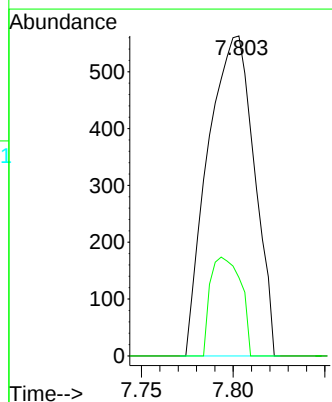
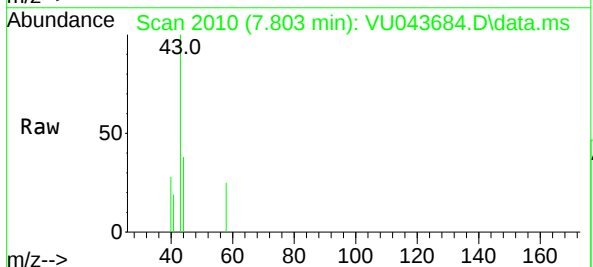
Instrument :
MSVOA_U
ClientSampled :

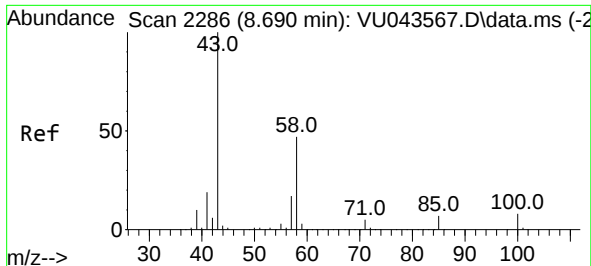
Tgt Ion: 98 Resp: 303009
Ion Ratio Lower Upper
98 100
100 61.9 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 19.37 ug/l
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU043684.D
Acq: 12 May 2021 17:48

Tgt Ion: 43 Resp: 988
Ion Ratio Lower Upper
43 100
58 20.3 27.2 40.8#

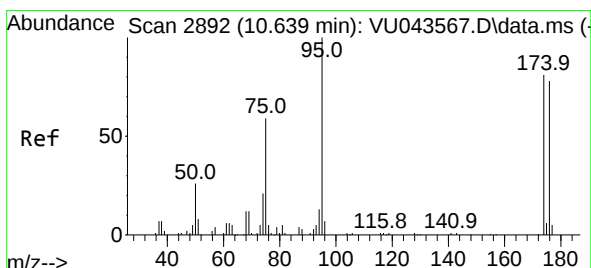
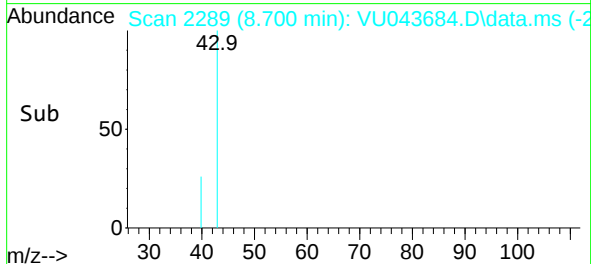
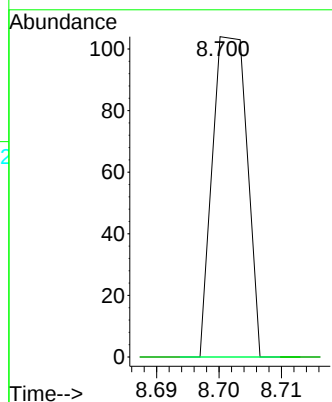
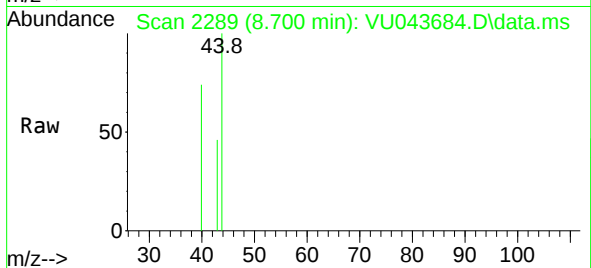




#59
2-Hexanone
Concen: 20.72 ug/l
RT: 8.700 min Scan# 2289
Delta R.T. 0.010 min
Lab File: VU043684.D
Acq: 12 May 2021 17:48

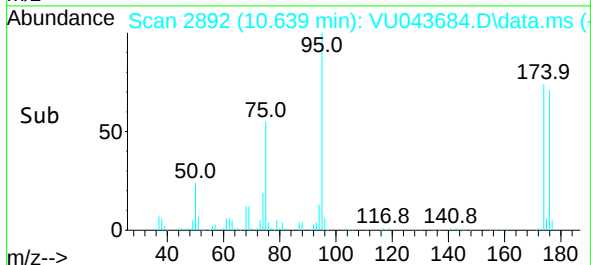
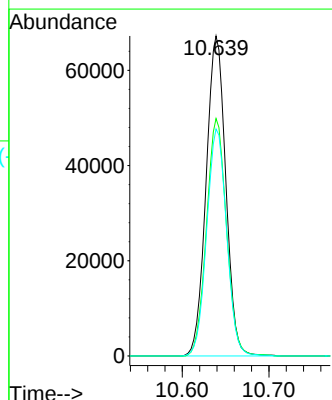
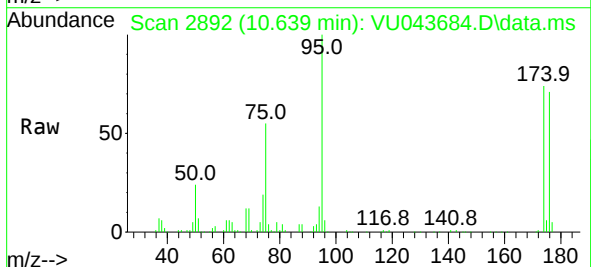
Instrument :
MSVOA_U
ClientSampleId :

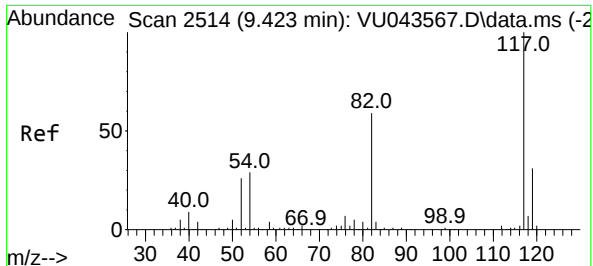
Tgt Ion: 43 Resp: 40
Ion Ratio Lower Upper
43 100
58 0.0 23.4 70.2#



#62
4-Bromofluorobenzene
Concen: 45.75 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043684.D
Acq: 12 May 2021 17:48

Tgt Ion: 95 Resp: 106014
Ion Ratio Lower Upper
95 100
174 75.4 0.0 158.8
176 71.8 0.0 155.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.424 min Scan# 2514

Delta R.T. 0.001 min

Lab File: VU043684.D

Acq: 12 May 2021 17:48

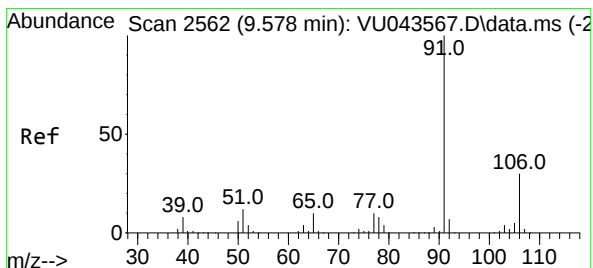
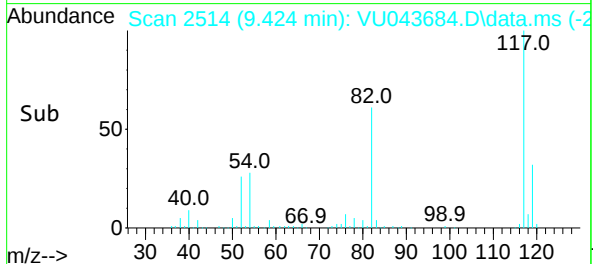
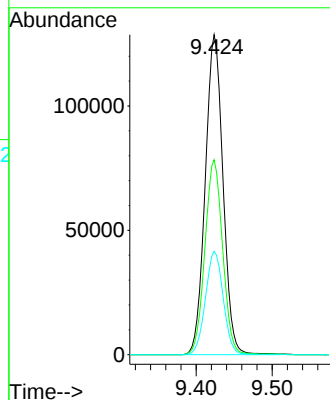
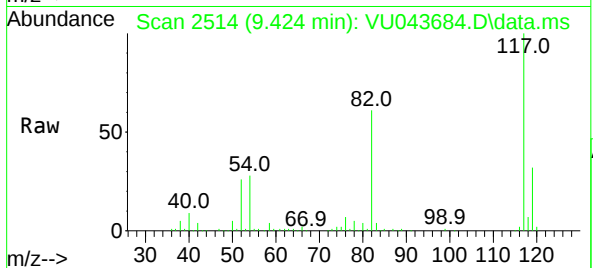
Tgt Ion:117 Resp: 209046

Ion Ratio Lower Upper

117 100

82 60.9 47.5 71.3

119 32.3 24.7 37.1



#67

Ethyl Benzene

Concen: 1.45 ug/l

RT: 9.694 min Scan# 2598

Delta R.T. 0.116 min

Lab File: VU043684.D

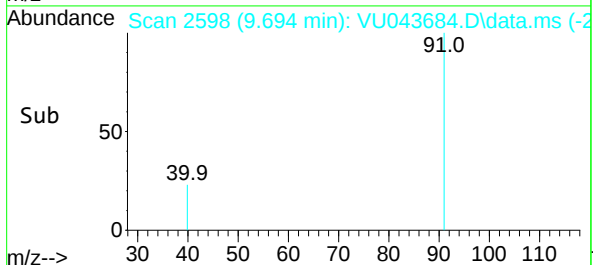
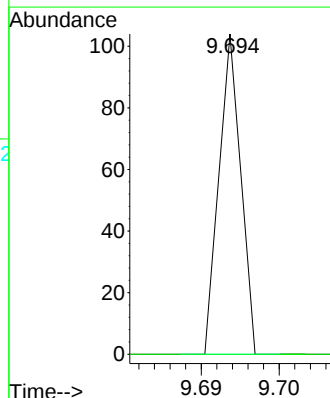
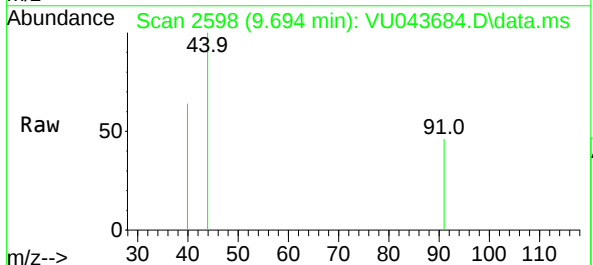
Acq: 12 May 2021 17:48

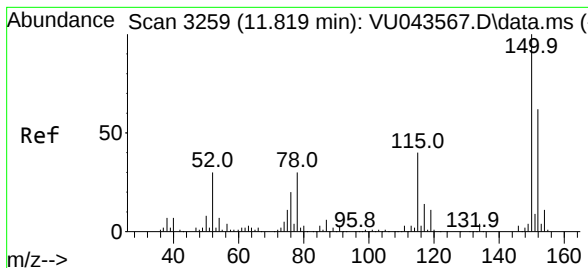
Tgt Ion: 91 Resp: 20

Ion Ratio Lower Upper

91 100

106 0.0 24.0 36.0#

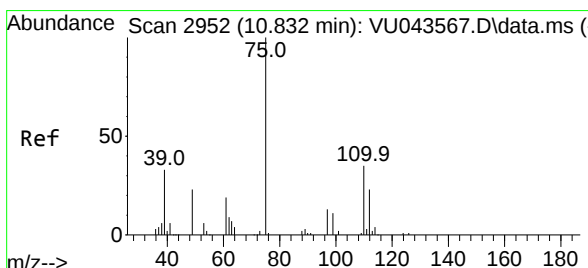
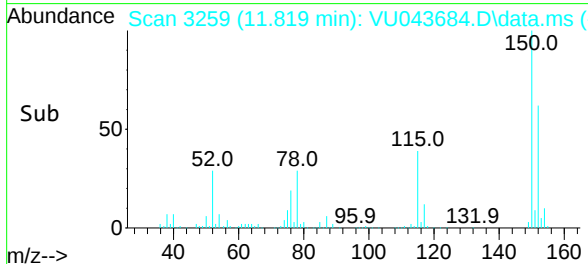
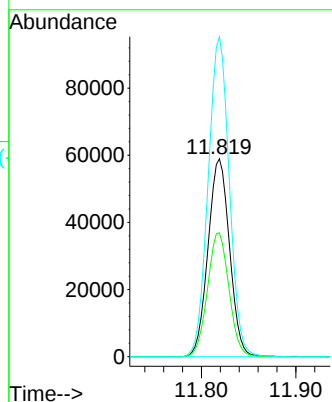
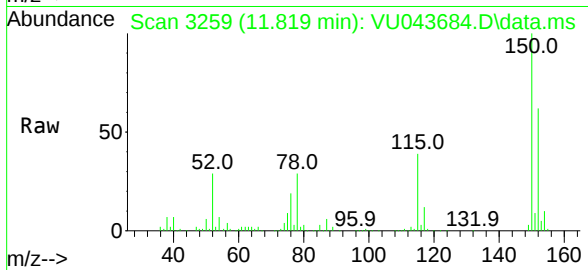




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.000 min
 Lab File: VU043684.D
 Acq: 12 May 2021 17:48

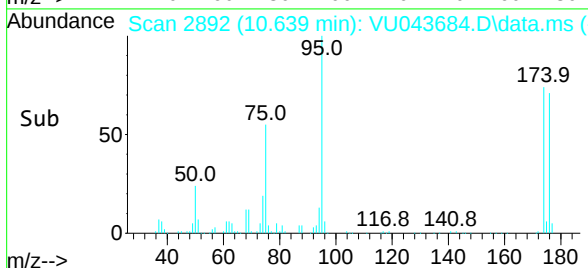
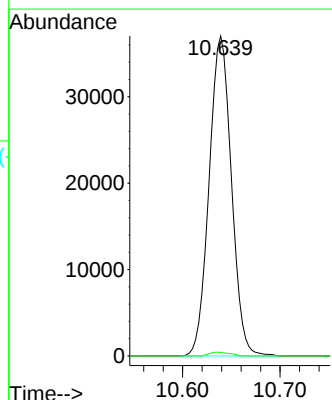
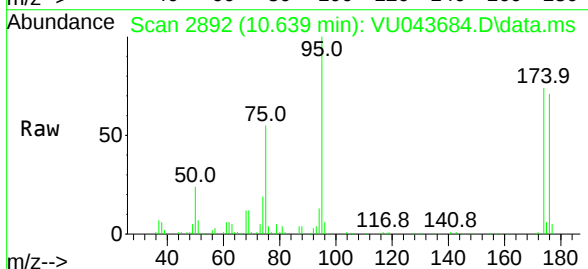
Instrument :
 MSVOA_U
 ClientSampled :

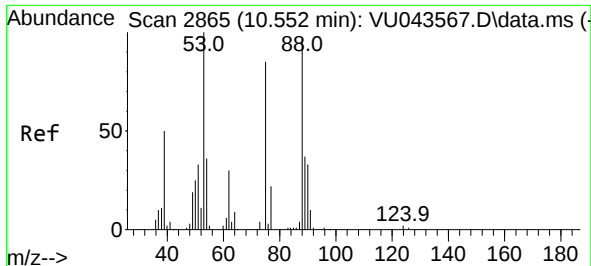
Tgt Ion:152 Resp: 93279
 Ion Ratio Lower Upper
 152 100
 115 62.4 46.1 138.3
 150 158.8 0.0 361.0



#76
 1,2,3-Trichloropropane
 Concen: 19.88 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU043684.D
 Acq: 12 May 2021 17:48

Tgt Ion: 75 Resp: 58950
 Ion Ratio Lower Upper
 75 100
 77 1.1 17.1 51.3#

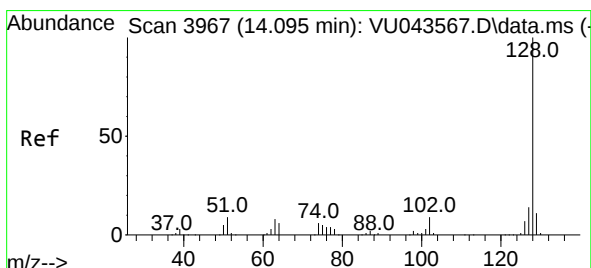
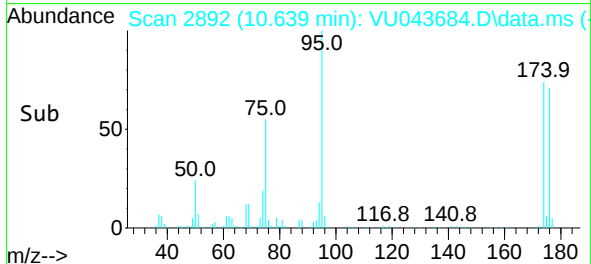
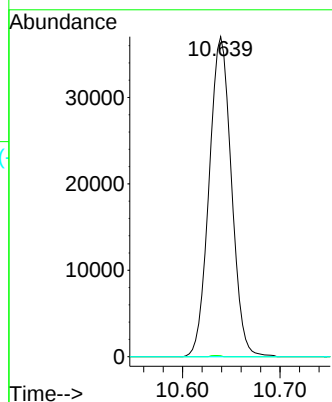
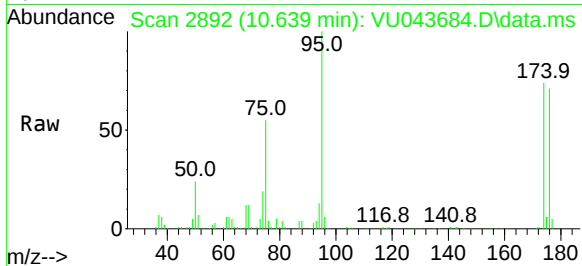




#81
trans-1,4-Dichloro-2-butene
Concen: 64.73 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU043684.D
Acq: 12 May 2021 17:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 58950
Ion Ratio Lower Upper
75 100
53 0.2 95.8 143.8#
89 0.0 36.1 54.1#



#95
Naphthalene
Concen: 1.53 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.007 min
Lab File: VU043684.D
Acq: 12 May 2021 17:48

Tgt Ion: 128 Resp: 74
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.6 12.8#

