

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042921\
 Data File : VU043408.D
 Acq On : 29 Apr 2021 00:33
 Operator : SY/MD
 Sample : M2180-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1

Quant Time: Apr 29 09:46:58 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)

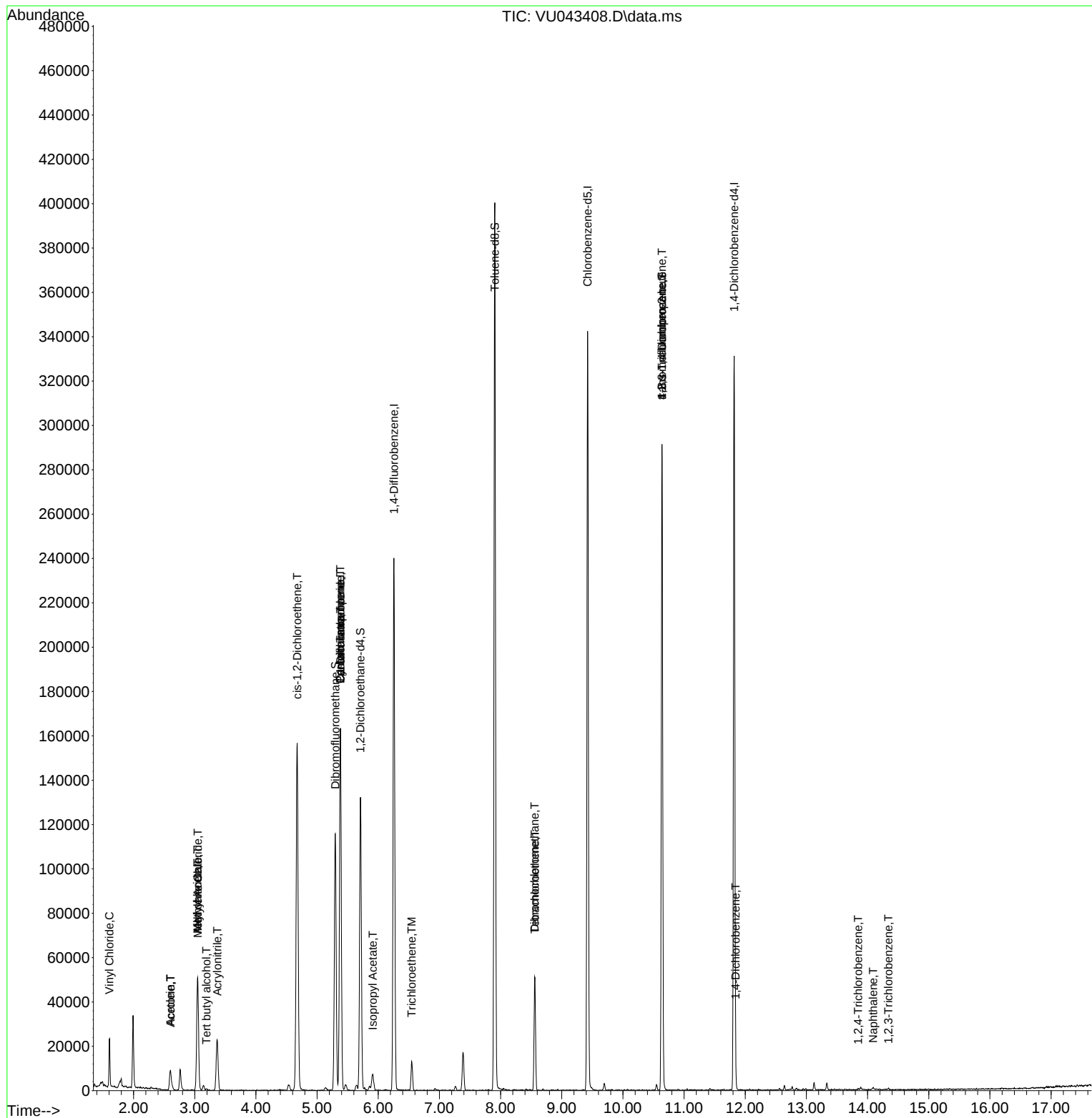
Internal Standards						
1) Pentafluorobenzene	5.382	168	107894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	175105	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	170636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	81679	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	100849	55.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.20%	
35) Dibromofluoromethane	5.298	113	70699	53.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.46%	
50) Toluene-d8	7.906	98	242655	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
62) 4-Bromofluorobenzene	10.639	95	85084	45.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.28%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	752	Below Cal		99
4) Vinyl Chloride	1.607	62	11794	9.72 ug/l		94
11) Tert butyl alcohol	3.189	59	534	1.14 ug/l #		94
13) Acrolein	2.604	56	1071	13.94 ug/l		94
14) Allyl chloride	3.047	41	15756	6.43 ug/l #		69
15) Acrylonitrile	3.369	53	599	0.60 ug/l #		35
16) Acetone	2.607	43	5859	5.19 ug/l #		48
18) Methyl Acetate	3.047	43	33865	14.94 ug/l #		55
20) Methylene Chloride	3.050	84	592	0.46 ug/l #		34
27) cis-1,2-Dichloroethene	4.674	96	72938	54.33 ug/l		93
31) Cyclohexane	5.382	56	4002	1.79 ug/l #		42
36) 1,1-Dichloropropene	5.382	75	8832	4.75 ug/l #		51
38) Carbon Tetrachloride	5.382	117	11041	5.54 ug/l #		17
43) Isopropyl Acetate	5.912	43	1373	0.30 ug/l #		64
44) Trichloroethene	6.546	130	3928	2.92 ug/l		96
60) Dibromochloromethane	8.558	129	10625	6.51 ug/l #		11
64) Tetrachloroethene	8.562	164	10750	8.68 ug/l		97
76) 1,2,3-Trichloropropane	10.639	75	48490	20.32 ug/l #		36
81) trans-1,4-Dichloro-2-b...	10.639	75	48490	59.70 ug/l #		7
88) 1,4-Dichlorobenzene	11.844	146	1137	0.39 ug/l #		70
93) 1,2,4-Trichlorobenzene	13.844	180	198	1.61 ug/l #		64
95) Naphthalene	14.092	128	1370	2.96 ug/l #		80
96) 1,2,3-Trichlorobenzene	14.339	180	233	1.58 ug/l		96

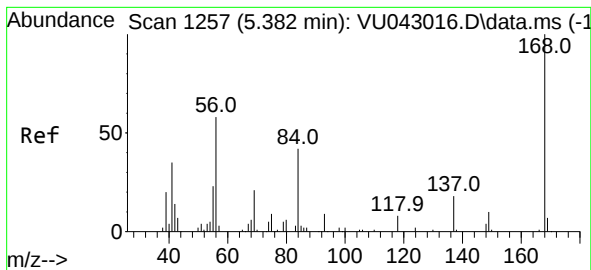
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 60 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-1

Quant Time: Apr 29 09:46:58 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

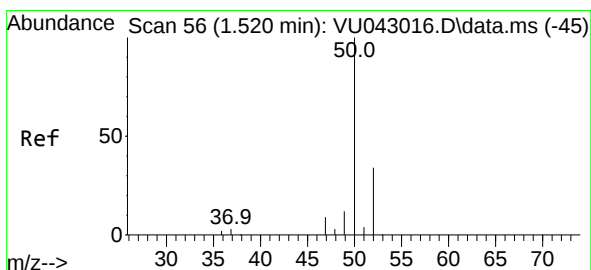
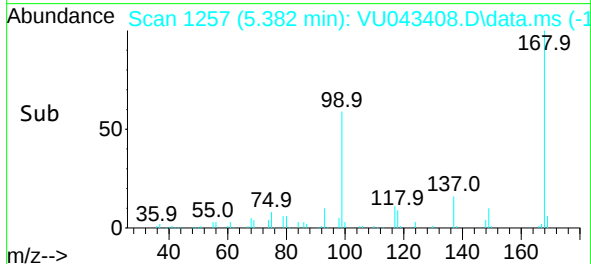
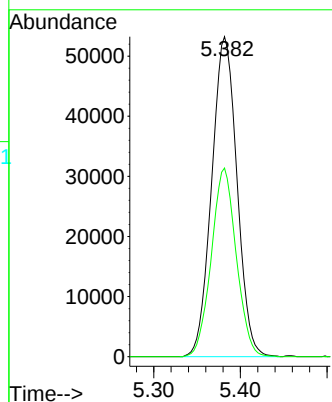
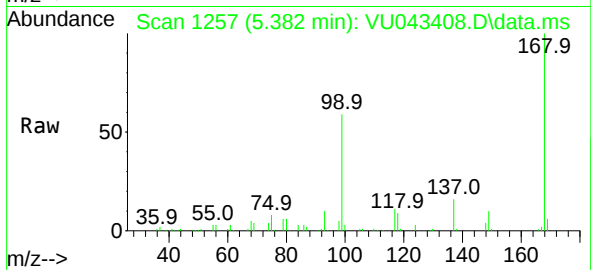




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043408.D
Acq: 29 Apr 2021 00:33

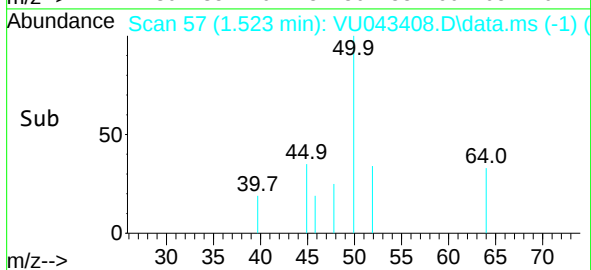
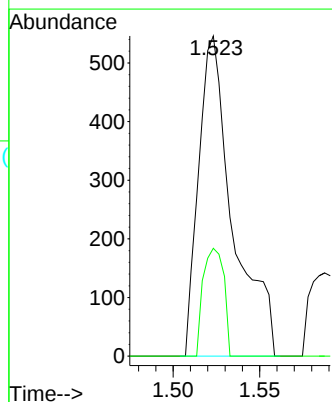
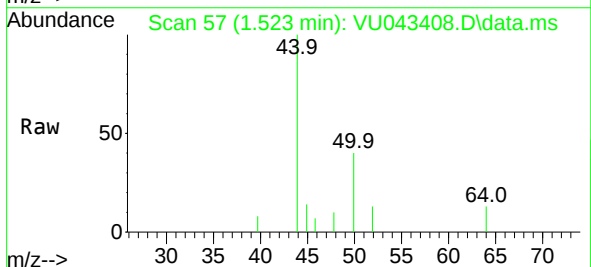
Instrument :
MSVOA_U
ClientSampled :
MW-1

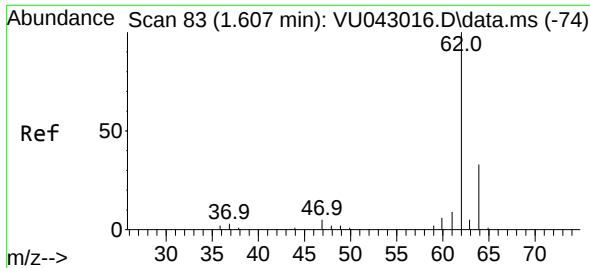
Tgt Ion:168 Resp: 107894
Ion Ratio Lower Upper
168 100
99 59.0 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043408.D
Acq: 29 Apr 2021 00:33

Tgt Ion: 50 Resp: 752
Ion Ratio Lower Upper
50 100
52 33.7 26.6 40.0

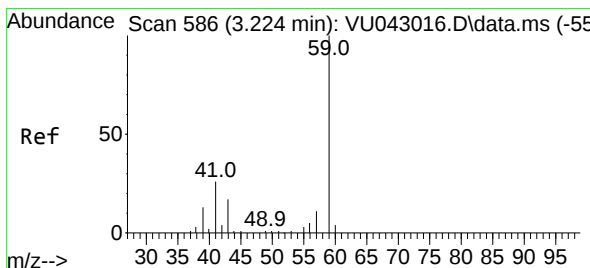
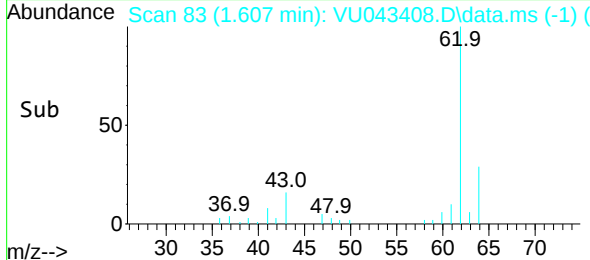
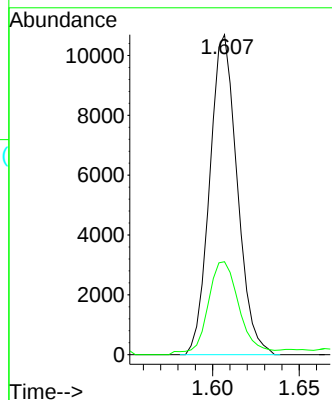
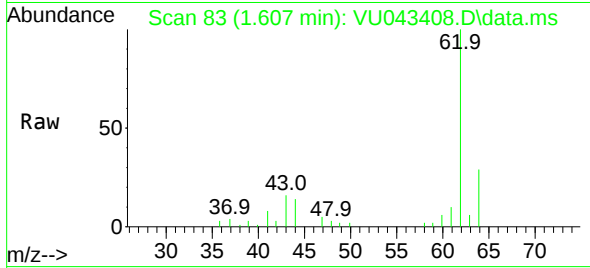




#4
 Vinyl Chloride
 Concen: 9.72 ug/l
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043408.D
 Acq: 29 Apr 2021 00:33

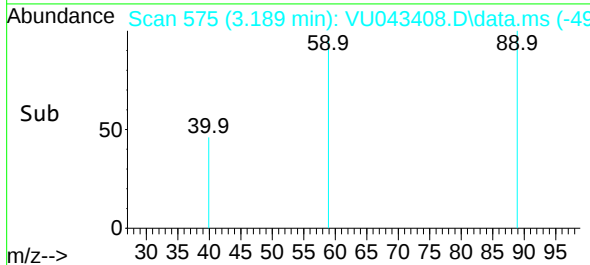
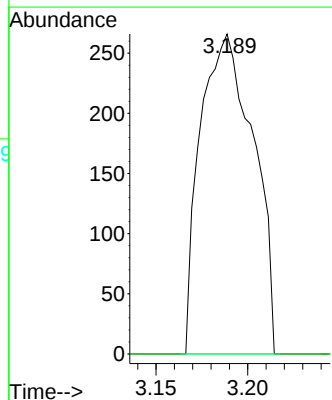
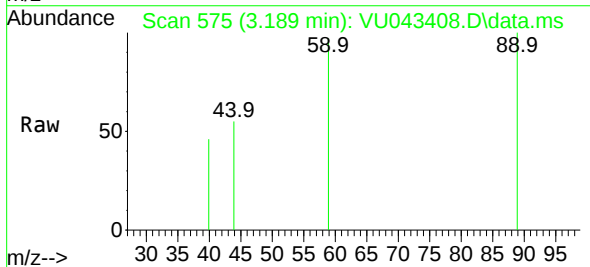
Instrument :
 MSVOA_U
 ClientSampled :
 MW-1

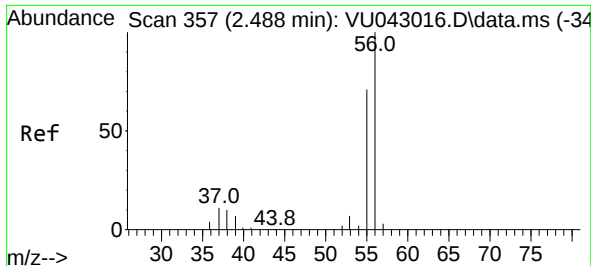
Tgt Ion: 62 Resp: 11794
 Ion Ratio Lower Upper
 62 100
 64 28.1 25.2 37.8



#11
 Tert butyl alcohol
 Concen: 1.14 ug/l
 RT: 3.189 min Scan# 575
 Delta R.T. -0.035 min
 Lab File: VU043408.D
 Acq: 29 Apr 2021 00:33

Tgt Ion: 59 Resp: 534
 Ion Ratio Lower Upper
 59 100
 57 0.0 1.6 2.4#

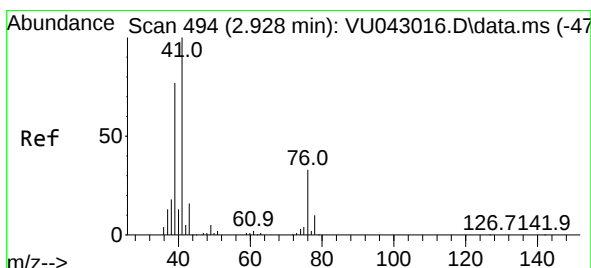
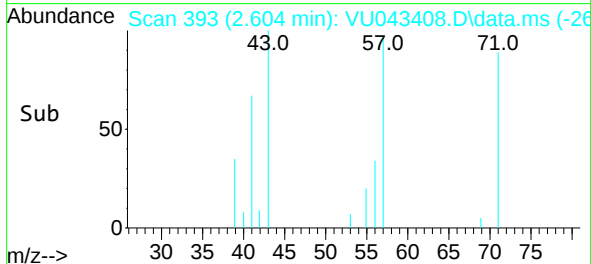
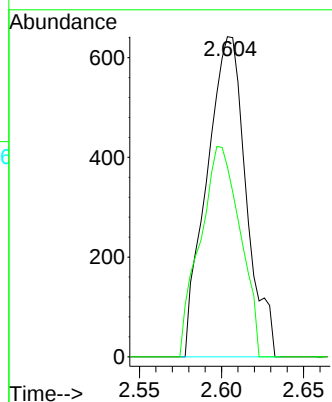
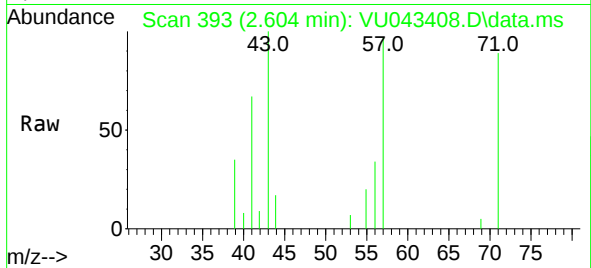




#13
Acrolein
Concen: 13.94 ug/l
RT: 2.604 min Scan# 393
Delta R.T. 0.116 min
Lab File: VU043408.D
Acq: 29 Apr 2021 00:33

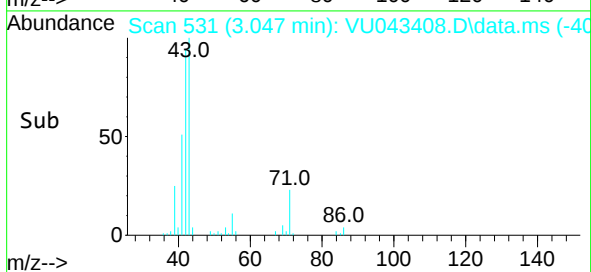
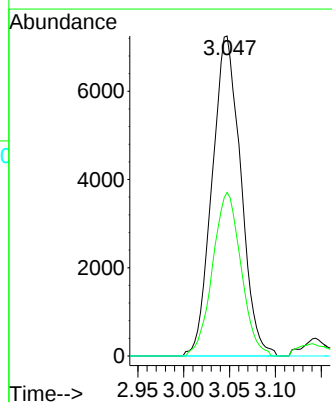
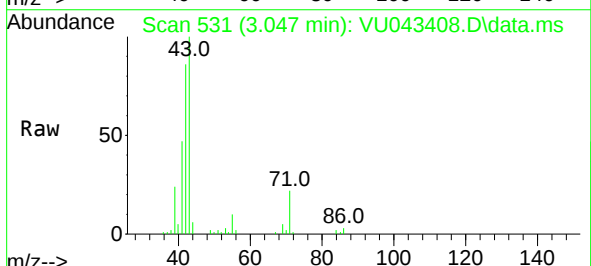
Instrument :
MSVOA_U
ClientSampled :
MW-1

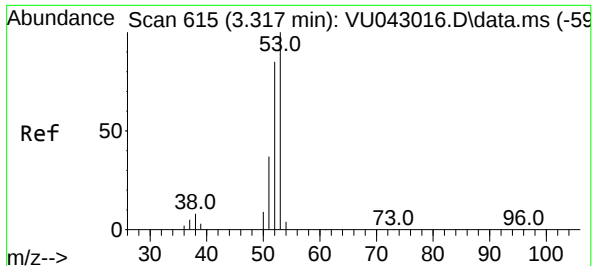
Tgt Ion: 56 Resp: 1071
Ion Ratio Lower Upper
56 100
55 66.7 57.3 85.9



#14
Allyl chloride
Concen: 6.43 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.119 min
Lab File: VU043408.D
Acq: 29 Apr 2021 00:33

Tgt Ion: 41 Resp: 15756
Ion Ratio Lower Upper
41 100
39 50.7 54.9 82.3#
76 0.0 22.5 33.7#

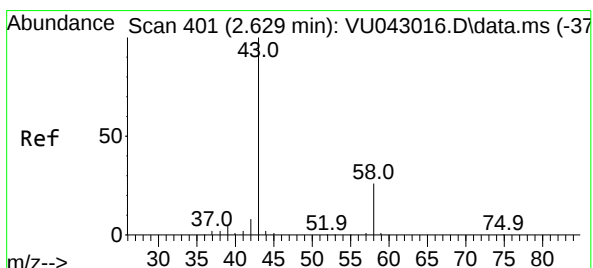
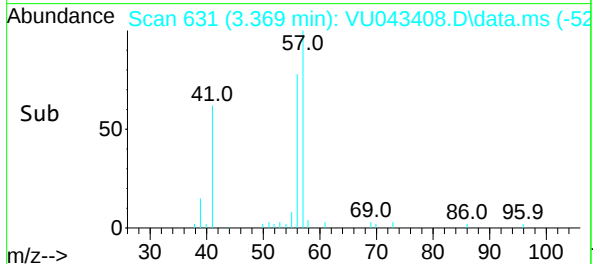
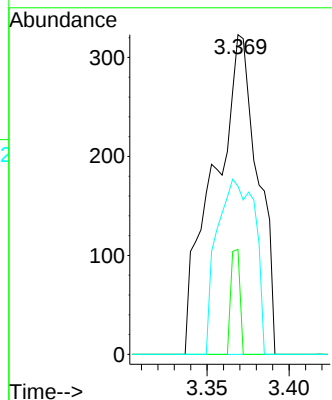
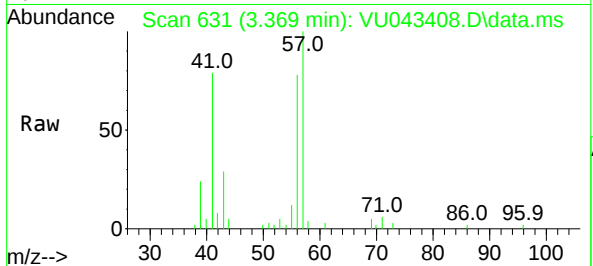




#15
Acrylonitrile
Concen: 0.60 ug/l
RT: 3.369 min Scan# 631
Delta R.T. 0.052 min
Lab File: VU043408.D
Acq: 29 Apr 2021 00:33

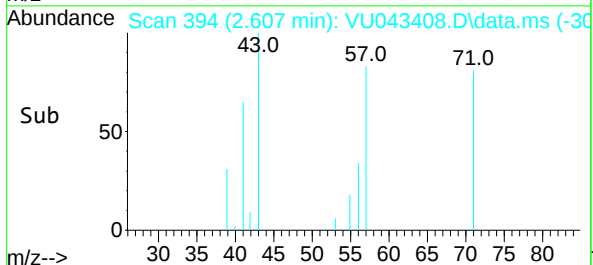
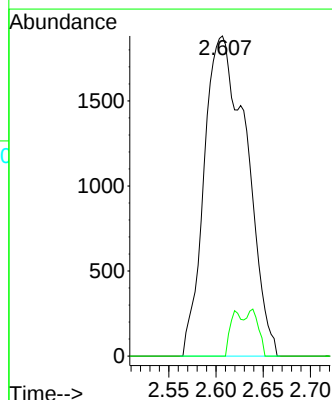
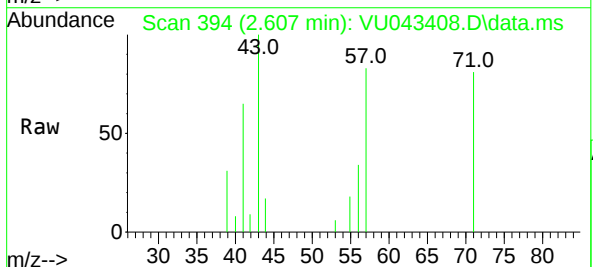
Instrument :
MSVOA_U
ClientSampled :
MW-1

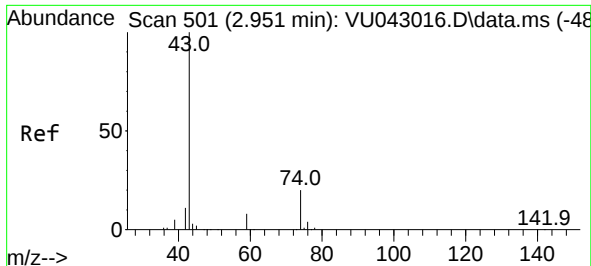
Tgt Ion: 53 Resp: 599
Ion Ratio Lower Upper
53 100
52 6.8 68.2 102.2#
51 47.2 29.2 43.8#



#16
Acetone
Concen: 5.19 ug/l
RT: 2.607 min Scan# 394
Delta R.T. -0.022 min
Lab File: VU043408.D
Acq: 29 Apr 2021 00:33

Tgt Ion: 43 Resp: 5859
Ion Ratio Lower Upper
43 100
58 0.0 21.5 32.3#

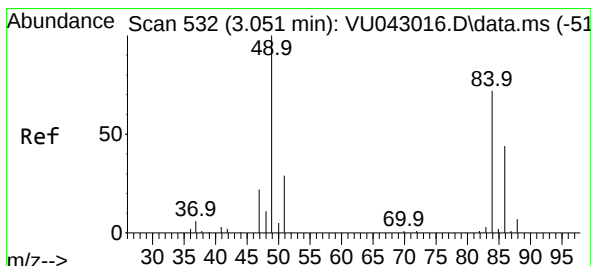
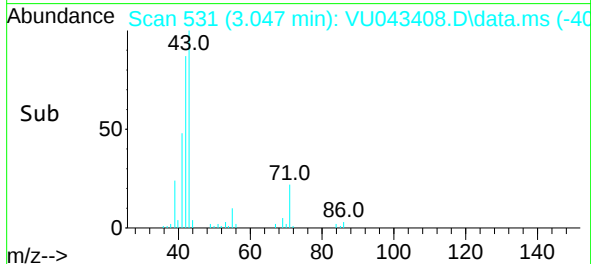
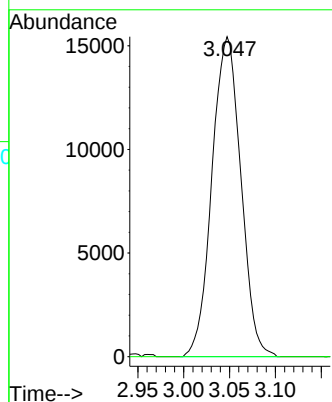
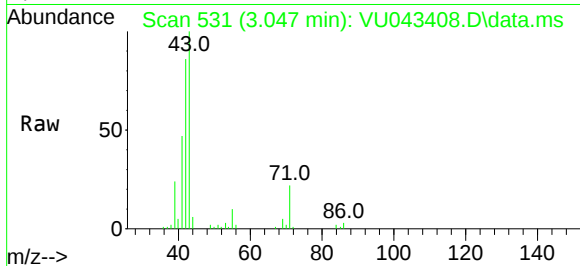




#18
Methyl Acetate
Concen: 14.94 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.096 min
Lab File: VU043408.D
Acq: 29 Apr 2021 00:33

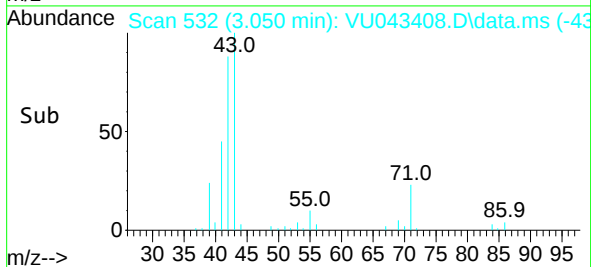
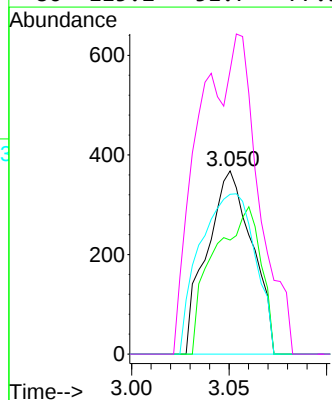
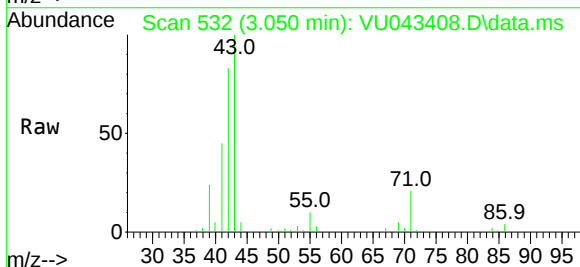
Instrument :
MSVOA_U
ClientSampled :
MW-1

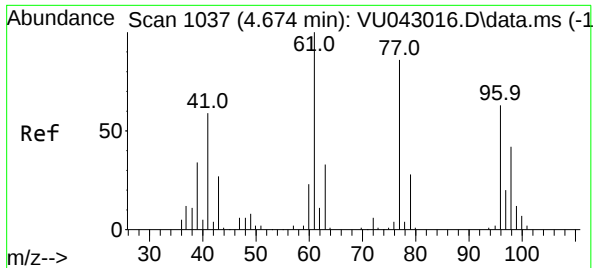
Tgt Ion: 43 Resp: 33865
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#20
Methylene Chloride
Concen: 0.46 ug/l
RT: 3.050 min Scan# 532
Delta R.T. -0.001 min
Lab File: VU043408.D
Acq: 29 Apr 2021 00:33

Tgt Ion: 84 Resp: 592
Ion Ratio Lower Upper
84 100
49 62.2 112.6 169.0#
51 87.2 33.7 50.5#
86 115.2 51.7 77.5#

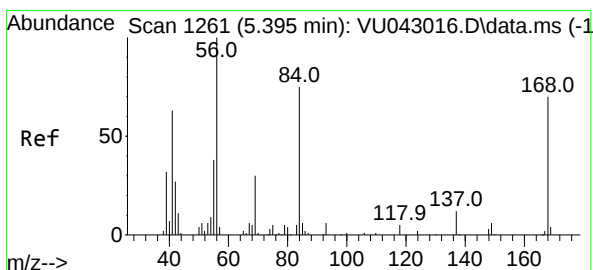
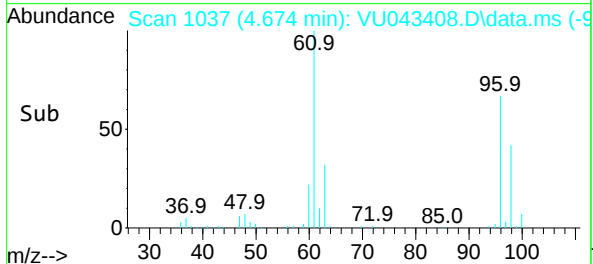
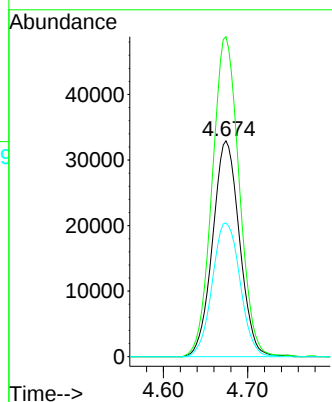
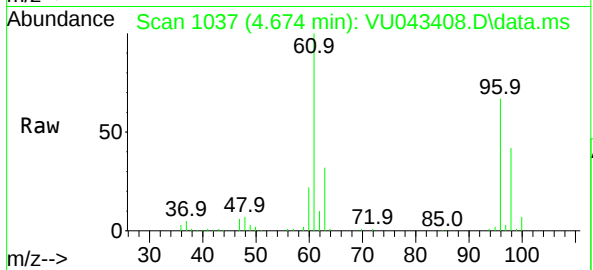




#27
 cis-1,2-Dichloroethene
 Concen: 54.33 ug/l
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VU043408.D
 Acq: 29 Apr 2021 00:33

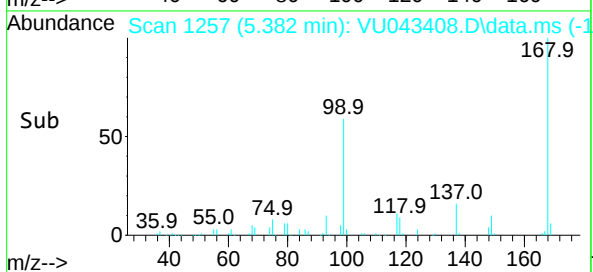
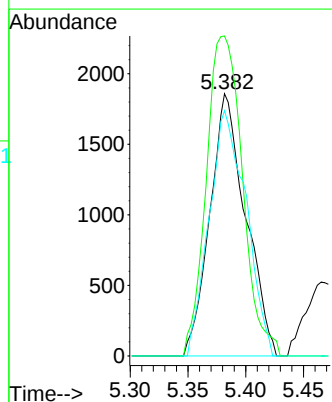
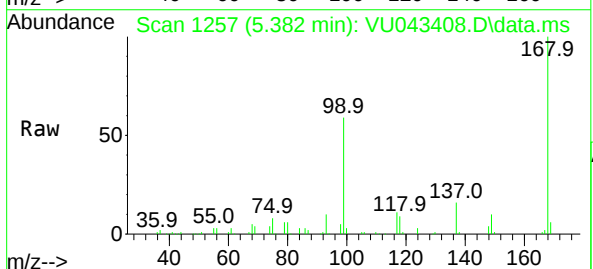
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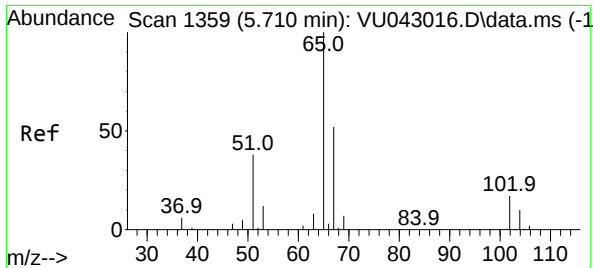
Tgt Ion:	96	Resp:	72938
Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	322.2
98	64.2	0.0	128.6



#31
 Cyclohexane
 Concen: 1.79 ug/l
 RT: 5.382 min Scan# 1257
 Delta R.T. -0.013 min
 Lab File: VU043408.D
 Acq: 29 Apr 2021 00:33

Tgt Ion:	56	Resp:	4002
Ion	Ratio	Lower	Upper
56	100		
69	122.0	24.9	37.3#
84	93.5	63.7	95.5

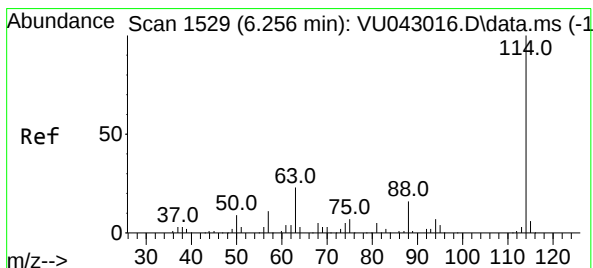
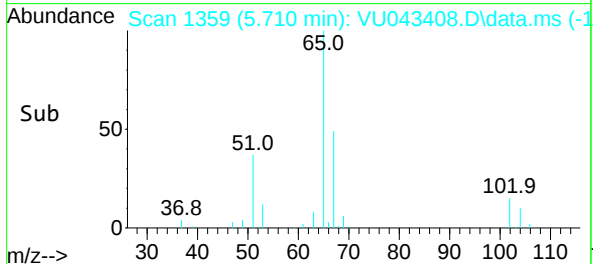
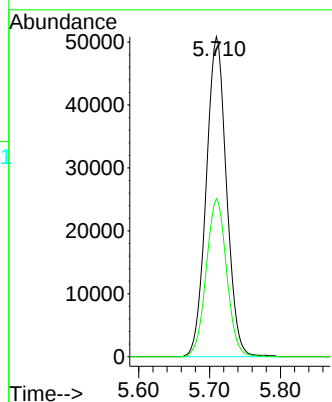
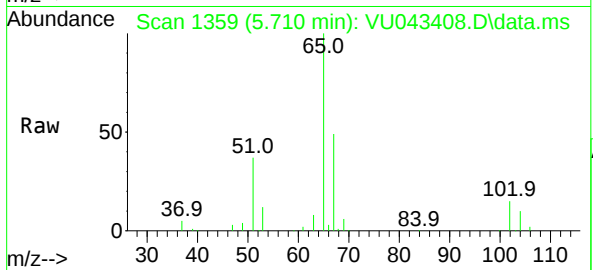




#33
1,2-Dichloroethane-d4
Concen: 55.60 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043408.D
Acq: 29 Apr 2021 00:33

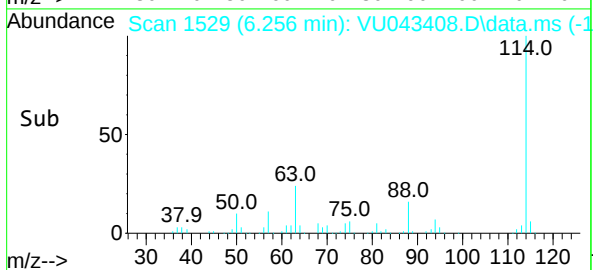
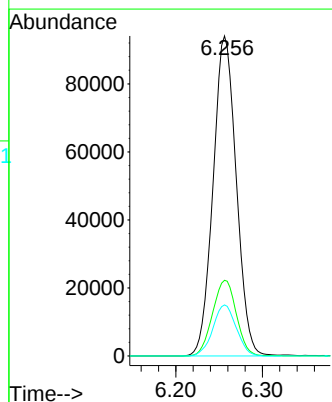
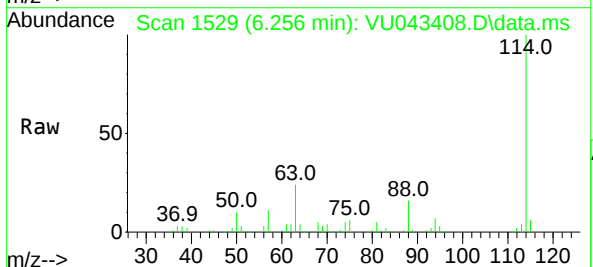
Instrument :
MSVOA_U
ClientSampled :
MW-1

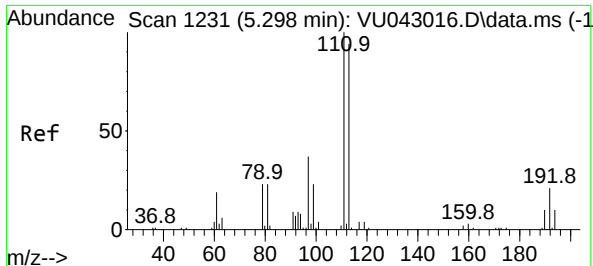
Tgt Ion: 65 Resp: 100849
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043408.D
Acq: 29 Apr 2021 00:33

Tgt Ion: 114 Resp: 175105
Ion Ratio Lower Upper
114 100
63 23.7 0.0 44.2
88 15.9 0.0 33.4

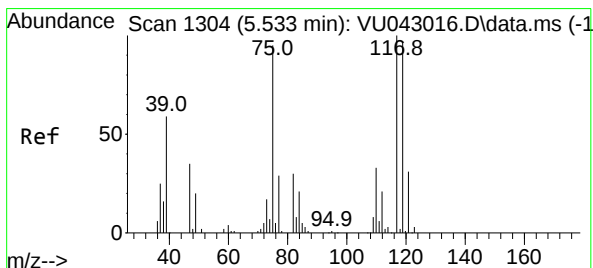
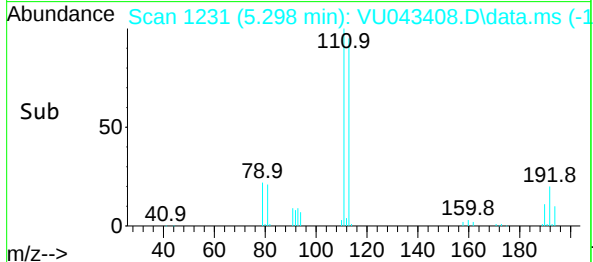
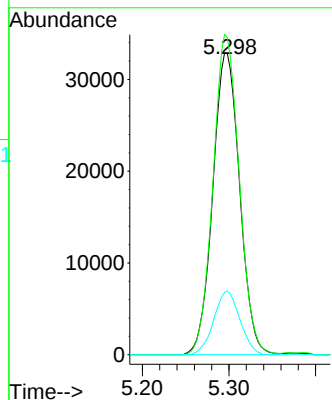
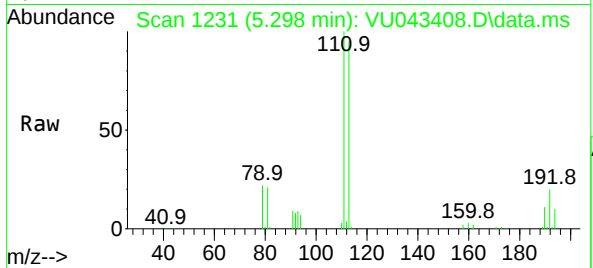




#35
Dibromofluoromethane
Concen: 53.73 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU043408.D
Acq: 29 Apr 2021 00:33

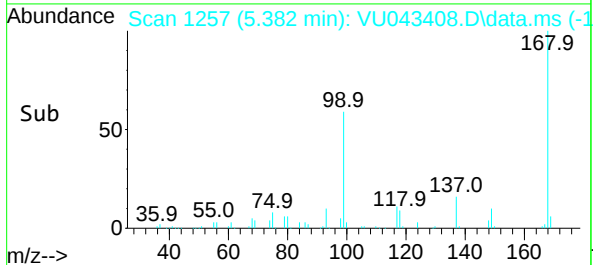
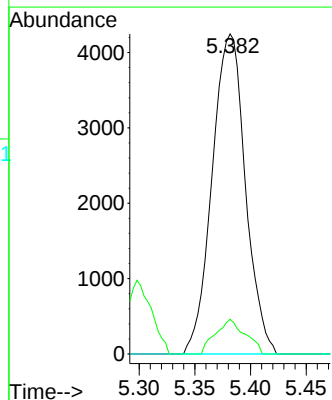
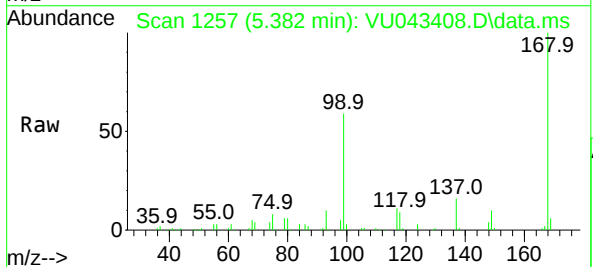
Instrument :
MSVOA_U
ClientSampled :
MW-1

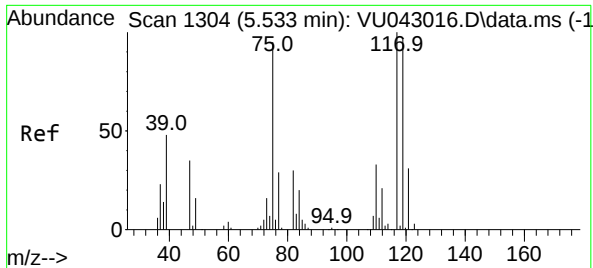
Tgt Ion:113 Resp: 70699
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.8
192 20.5 17.2 25.8



#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043408.D
Acq: 29 Apr 2021 00:33

Tgt Ion: 75 Resp: 8832
Ion Ratio Lower Upper
75 100
110 9.6 16.8 50.3#
77 0.0 24.8 37.2#

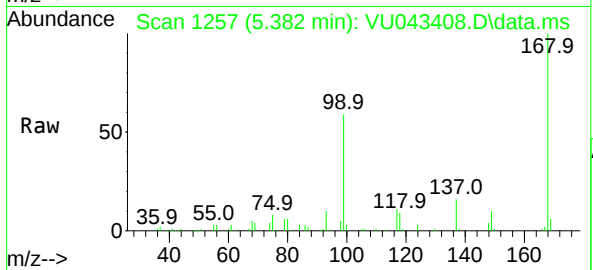




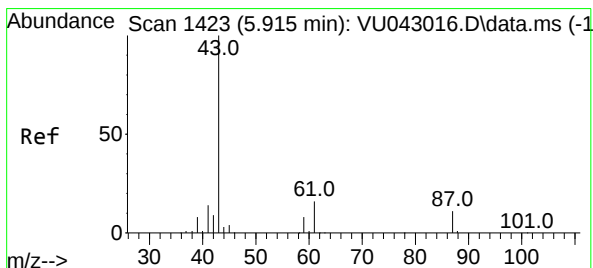
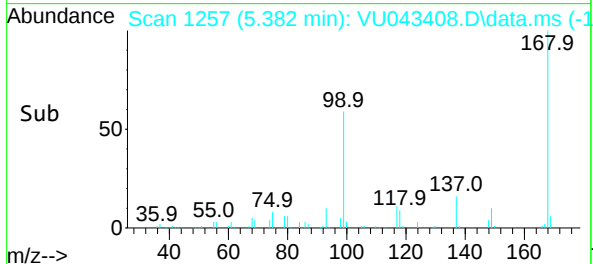
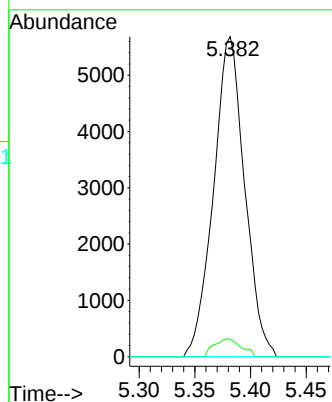
#38

Carbon Tetrachloride
Concen: 5.54 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043408.D
Acq: 29 Apr 2021 00:33

Instrument :
MSVOA_U
ClientSampled :
MW-1



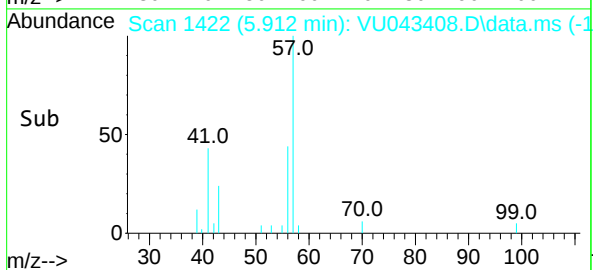
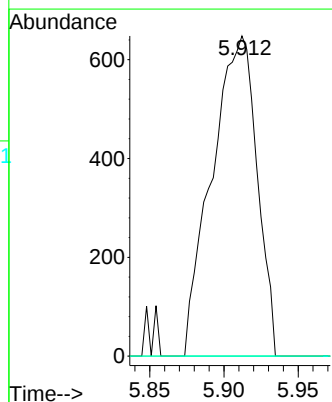
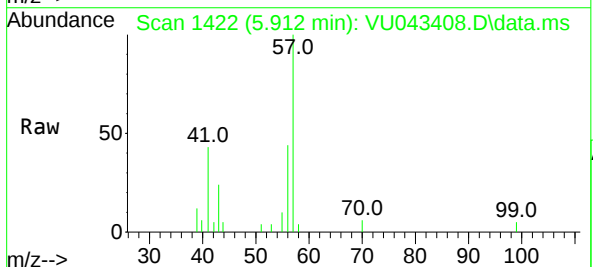
Tgt Ion:	117	Resp:	11041
Ion	Ratio	Lower	Upper
117	100		
119	5.4	75.5	113.3#
121	0.0	24.7	37.1#

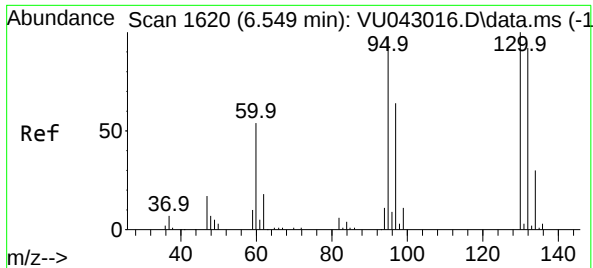


#43

Isopropyl Acetate
Concen: 0.30 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. -0.003 min
Lab File: VU043408.D
Acq: 29 Apr 2021 00:33

Tgt Ion:	43	Resp:	1373
Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.4	21.6#
87	0.0	8.8	13.2#

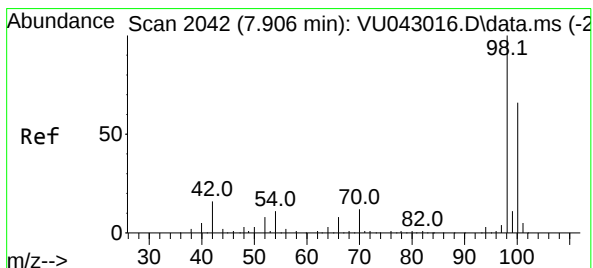
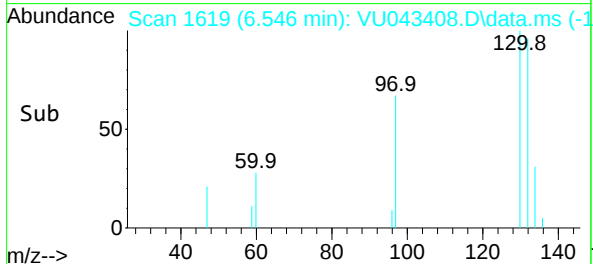
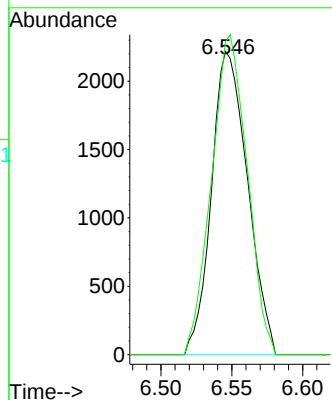
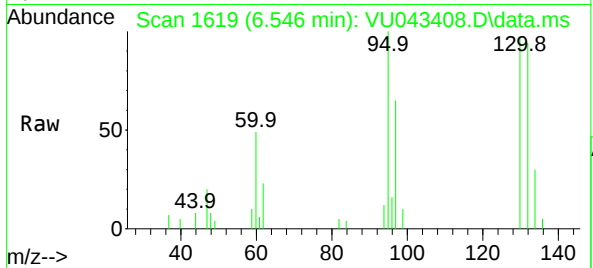




#44
Trichloroethene
Concen: 2.92 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU043408.D
Acq: 29 Apr 2021 00:33

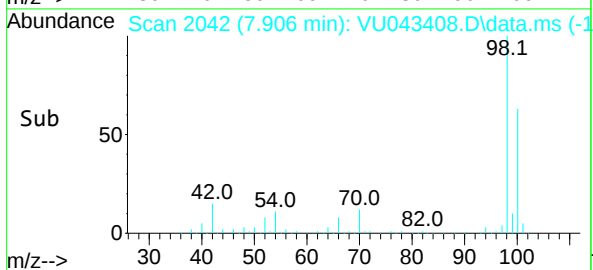
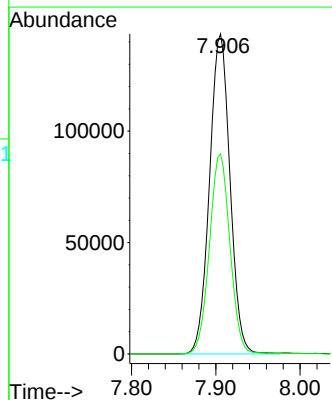
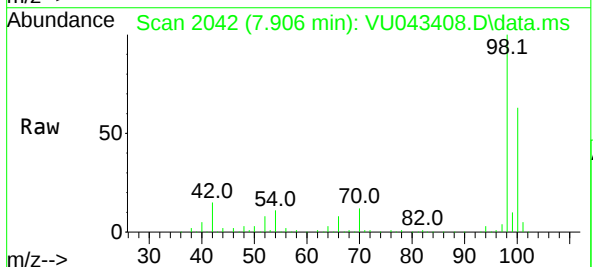
Instrument :
MSVOA_U
ClientSampled :
MW-1

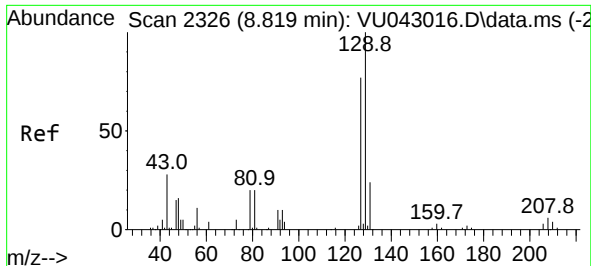
Tgt Ion:130 Resp: 3928
Ion Ratio Lower Upper
130 100
95 103.1 0.0 197.8



#50
Toluene-d8
Concen: 52.12 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043408.D
Acq: 29 Apr 2021 00:33

Tgt Ion: 98 Resp: 242655
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.2

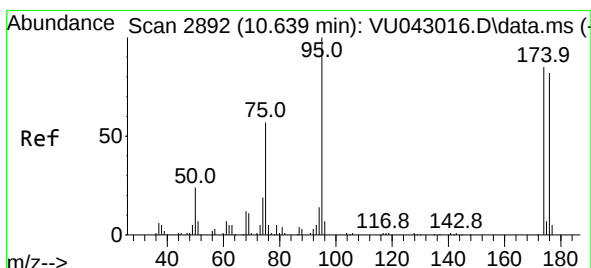
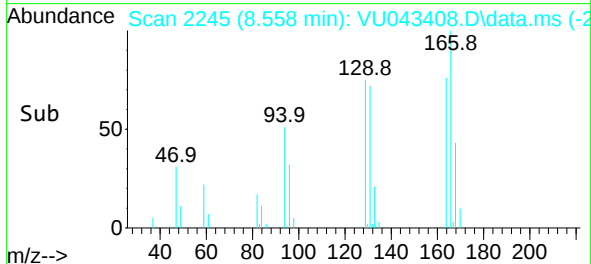
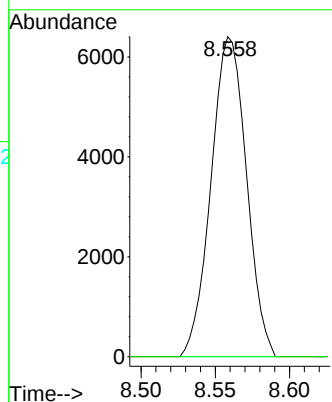
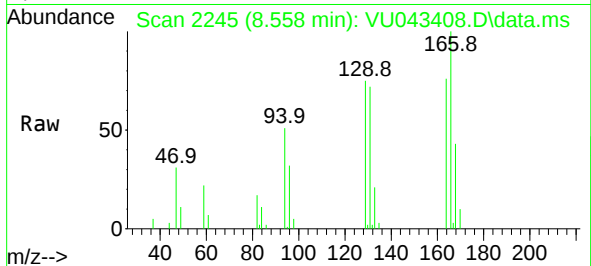




#60
Dibromochloromethane
Concen: 6.51 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU043408.D
Acq: 29 Apr 2021 00:33

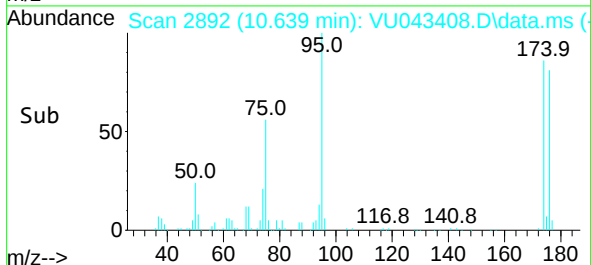
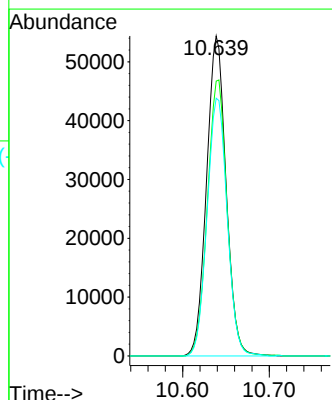
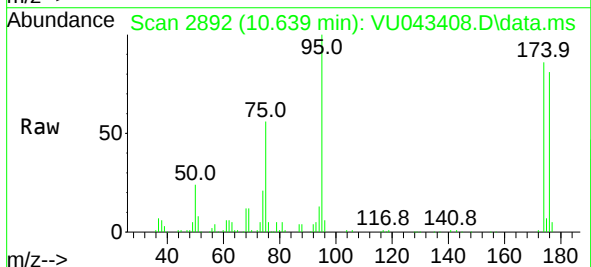
Instrument :
MSVOA_U
ClientSampled :
MW-1

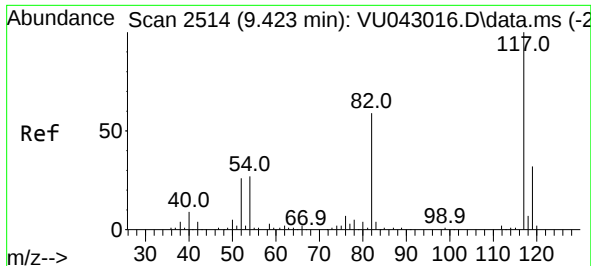
Tgt Ion:129 Resp: 10625
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 45.64 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043408.D
Acq: 29 Apr 2021 00:33

Tgt Ion: 95 Resp: 85084
Ion Ratio Lower Upper
95 100
174 87.4 0.0 172.2
176 82.7 0.0 168.8

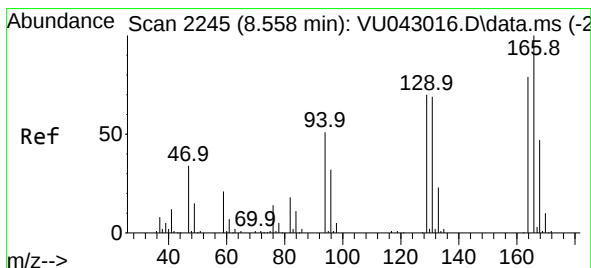
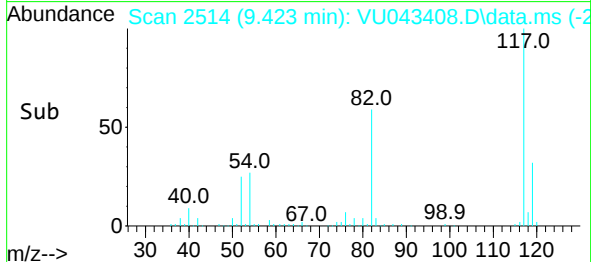
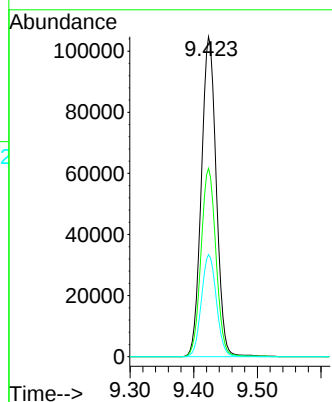
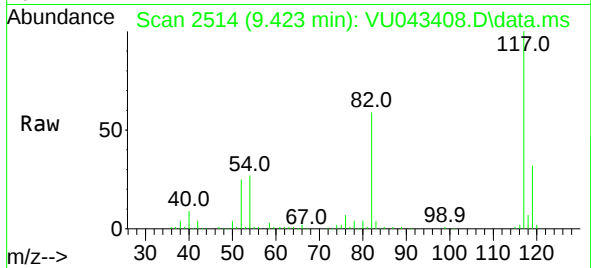




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043408.D
Acq: 29 Apr 2021 00:33

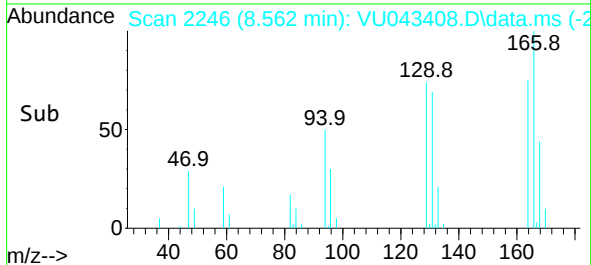
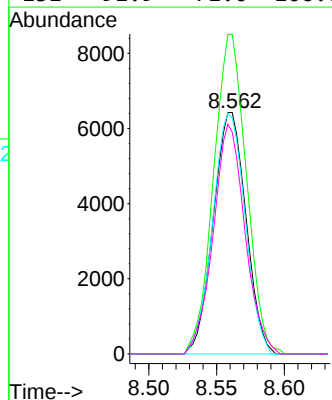
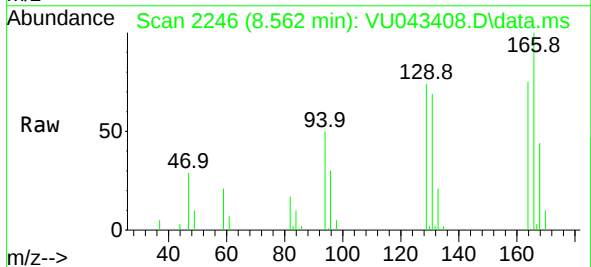
Instrument :
MSVOA_U
ClientSampled :
MW-1

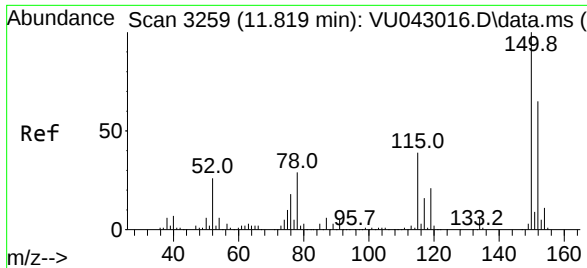
Tgt Ion:117 Resp: 170636
Ion Ratio Lower Upper
117 100
82 58.9 45.8 68.6
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 8.68 ug/l
RT: 8.562 min Scan# 2246
Delta R.T. 0.004 min
Lab File: VU043408.D
Acq: 29 Apr 2021 00:33

Tgt Ion:164 Resp: 10750
Ion Ratio Lower Upper
164 100
166 132.6 105.3 157.9
129 97.9 75.0 112.6
131 91.9 71.0 106.6

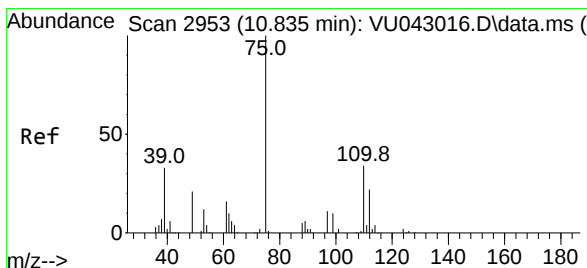
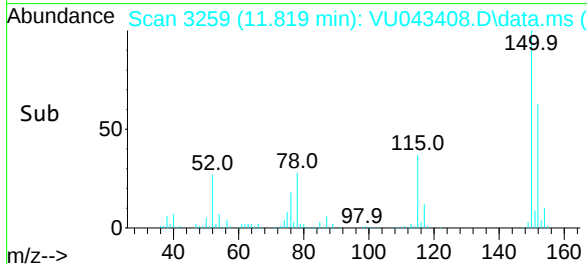
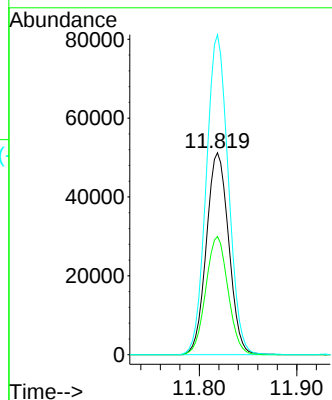
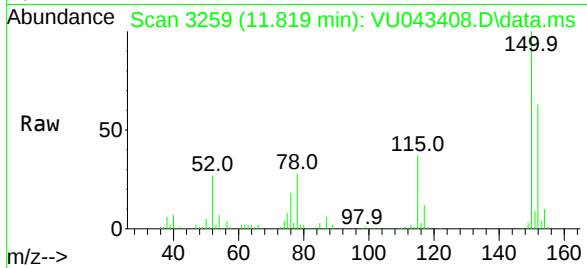




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043408.D
 Acq: 29 Apr 2021 00:33

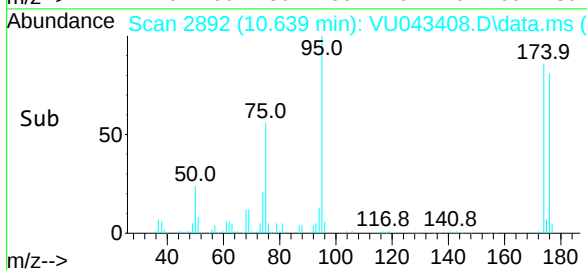
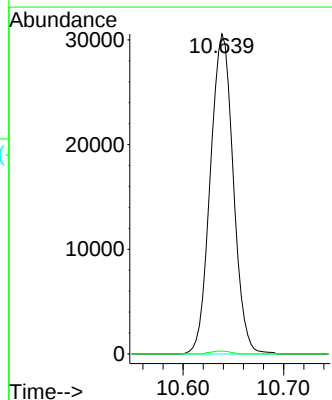
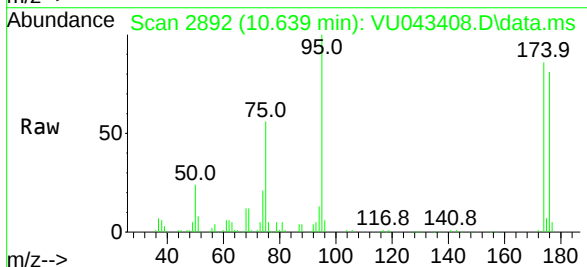
Instrument :
 MSVOA_U
 ClientSampled :
 MW-1

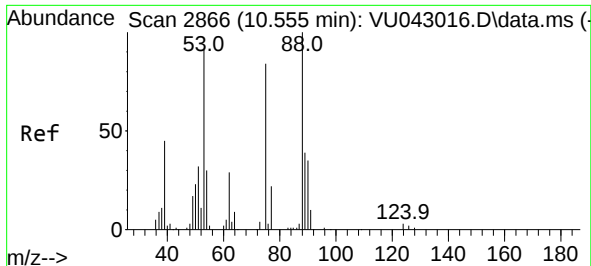
Tgt Ion:152 Resp: 81679
 Ion Ratio Lower Upper
 152 100
 115 58.2 41.5 124.6
 150 156.6 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 20.32 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043408.D
 Acq: 29 Apr 2021 00:33

Tgt Ion: 75 Resp: 48490
 Ion Ratio Lower Upper
 75 100
 77 0.8 20.2 60.5#

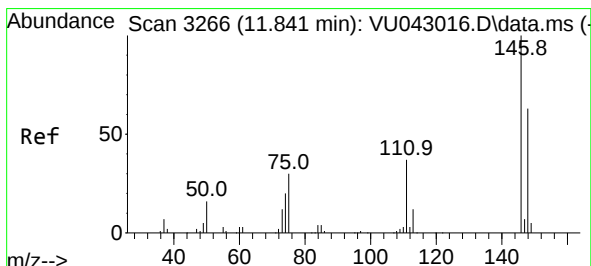
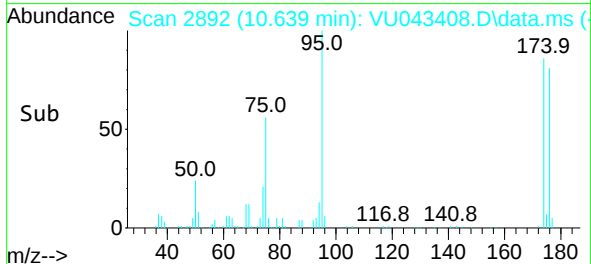
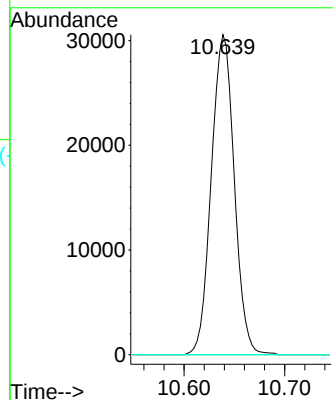
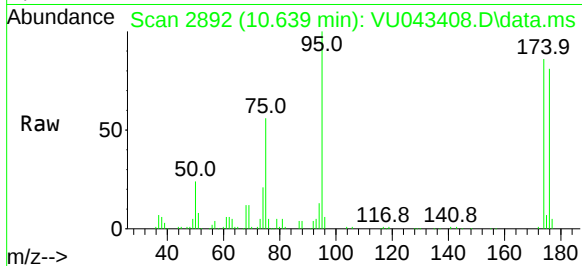




#81
trans-1,4-Dichloro-2-butene
Concen: 59.70 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043408.D
Acq: 29 Apr 2021 00:33

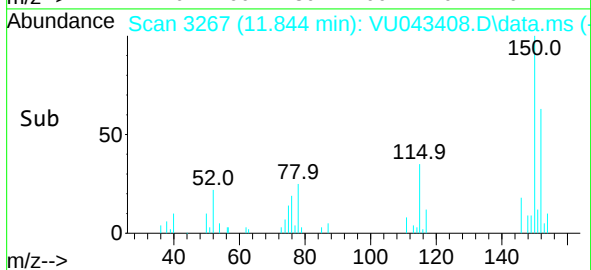
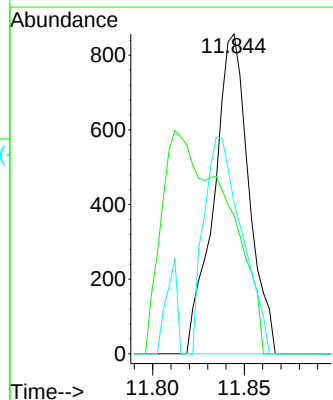
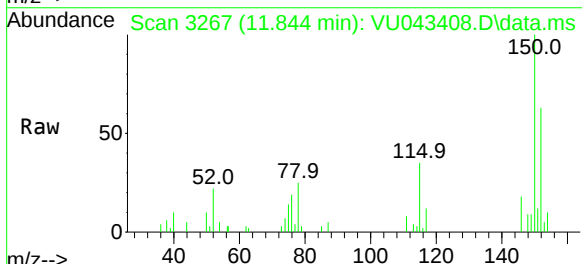
Instrument :
MSVOA_U
ClientSampled :
MW-1

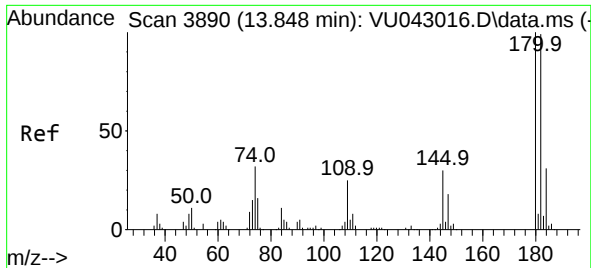
Tgt Ion: 75 Resp: 48490
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#88
1,4-Dichlorobenzene
Concen: 0.39 ug/l
RT: 11.844 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU043408.D
Acq: 29 Apr 2021 00:33

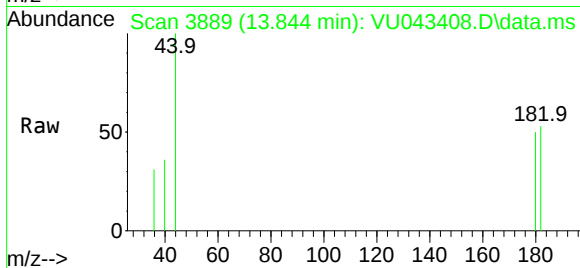
Tgt Ion:146 Resp: 1137
Ion Ratio Lower Upper
146 100
111 0.0 19.7 59.0#
148 73.4 32.8 98.3



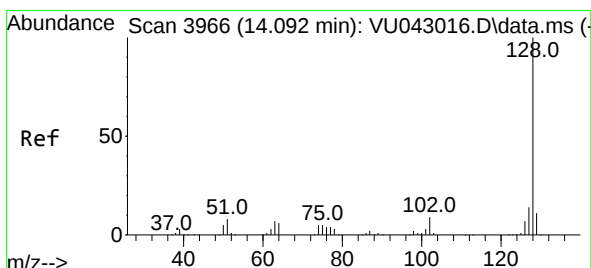
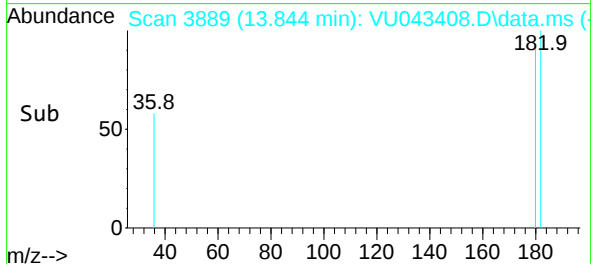
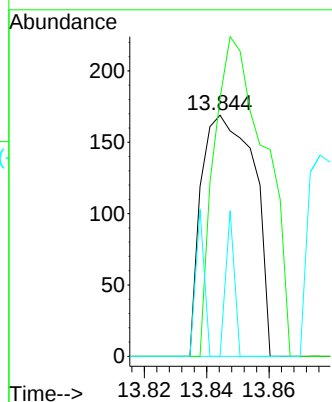


#93
1,2,4-Trichlorobenzene
Concen: 1.61 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. -0.004 min
Lab File: VU043408.D
Acq: 29 Apr 2021 00:33

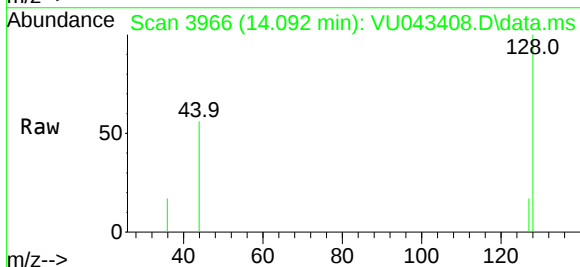
Instrument :
MSVOA_U
ClientSampled :
MW-1



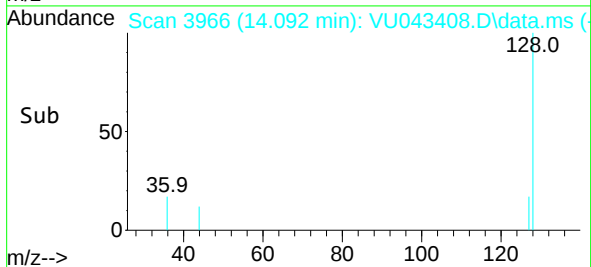
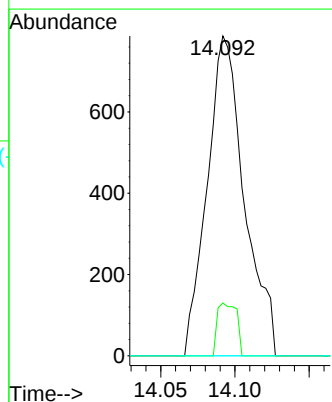
Tgt Ion:180 Resp: 198
Ion Ratio Lower Upper
180 100
182 128.3 46.9 140.8
145 10.1 14.4 43.4#

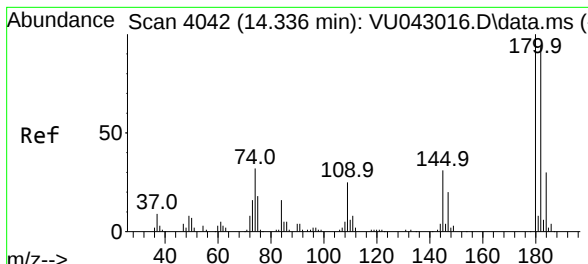


#95
Naphthalene
Concen: 2.96 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU043408.D
Acq: 29 Apr 2021 00:33



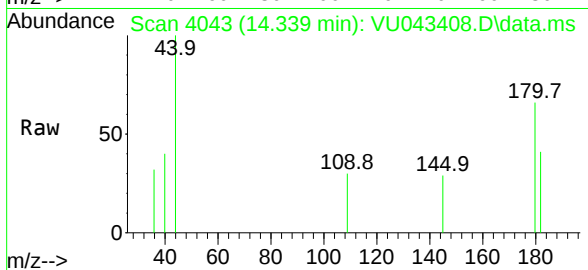
Tgt Ion:128 Resp: 1370
Ion Ratio Lower Upper
128 100
127 8.5 10.8 16.2#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.58 ug/l
 RT: 14.339 min Scan# 4043
 Delta R.T. 0.003 min
 Lab File: VU043408.D
 Acq: 29 Apr 2021 00:33

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1



Tgt Ion:180 Resp: 233

Ion	Ratio	Lower	Upper
180	100		
182	93.6	48.0	144.0
145	25.8	15.5	46.5

