

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043061.D
 Acq On : 13 Apr 2021 18:54
 Operator : SY/MD
 Sample : M1995-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 14 03:53:33 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

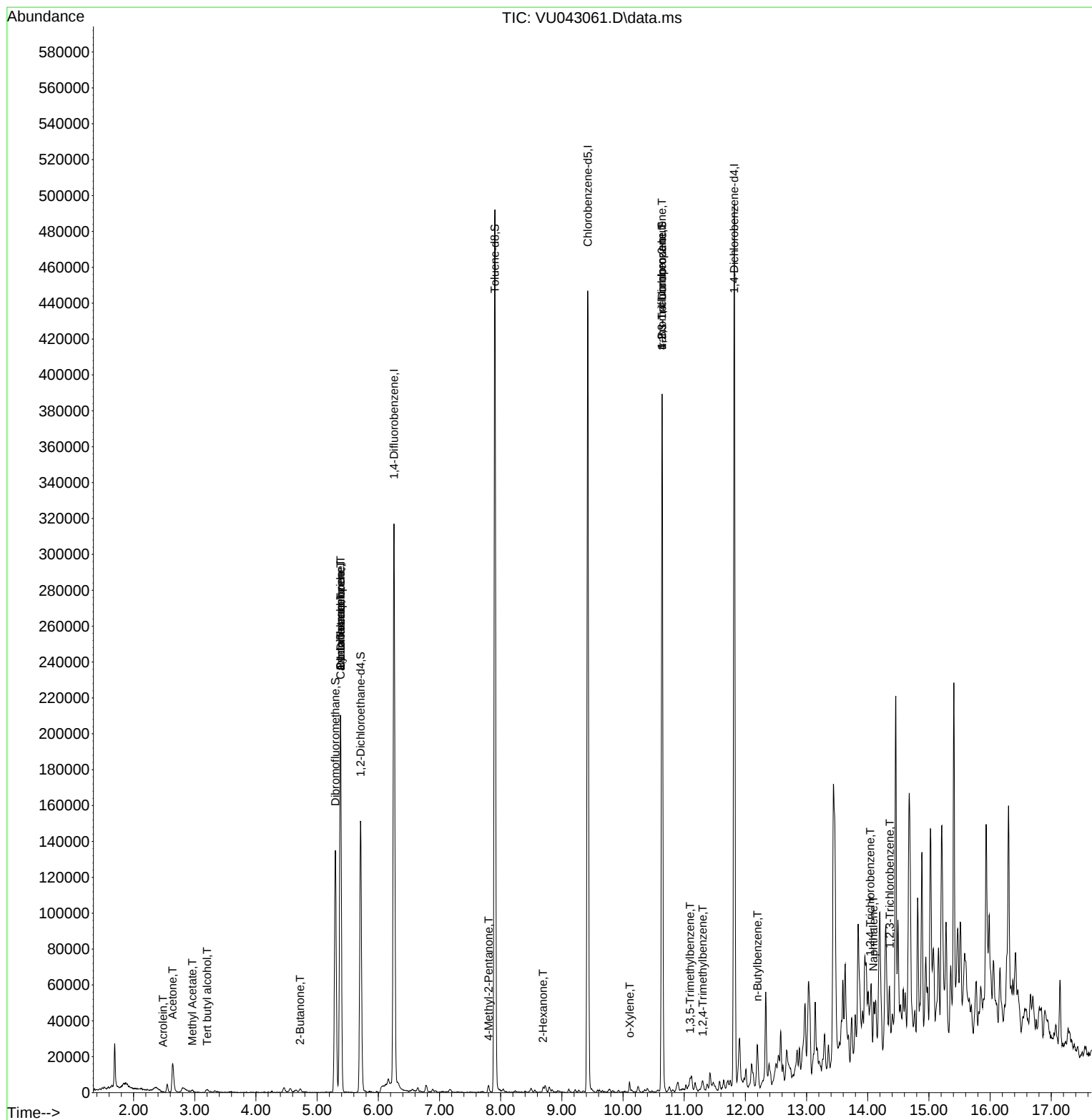
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.382	168	144876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	236477	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	226295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	118236	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	118592	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
35) Dibromofluoromethane	5.298	113	83315	46.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.78%	
50) Toluene-d8	7.906	98	301032	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
62) 4-Bromofluorobenzene	10.639	95	114220	45.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.72%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	336	Below Cal	#	41
11) Tert butyl alcohol	3.202	59	2145	3.42 ug/l	#	94
13) Acrolein	2.481	56	45	10.53 ug/l	#	14
16) Acetone	2.639	43	23954	16.43 ug/l		95
18) Methyl Acetate	2.961	43	2104	0.69 ug/l	#	84
25) 2-Butanone	4.719	43	3115	1.41 ug/l		97
31) Cyclohexane	5.382	56	3485	1.16 ug/l	#	35
36) 1,1-Dichloropropene	5.382	75	11665	4.65 ug/l	#	51
38) Carbon Tetrachloride	5.385	117	13996	5.20 ug/l	#	16
51) 4-Methyl-2-Pentanone	7.803	43	3060	0.68 ug/l	#	86
59) 2-Hexanone	8.693	43	2423	0.65 ug/l		87
69) o-Xylene	10.108	106	1248	0.39 ug/l		99
76) 1,2,3-Trichloropropane	10.639	75	64806	18.76 ug/l	#	37
80) 1,3,5-Trimethylbenzene	11.095	105	3110	0.44 ug/l		100
81) trans-1,4-Dichloro-2-b...	10.639	75	64806	55.12 ug/l	#	7
84) 1,2,4-Trimethylbenzene	11.301	105	2959	0.41 ug/l		74
89) n-Butylbenzene	12.198	91	2672	0.38 ug/l	#	1
93) 1,2,4-Trichlorobenzene	14.044	180	21	1.51 ug/l	#	13
95) Naphthalene	14.092	128	1577	2.92 ug/l	#	90
96) 1,2,3-Trichlorobenzene	14.359	180	670	1.71 ug/l	#	1

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

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Quant Time: Apr 14 03:53:33 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

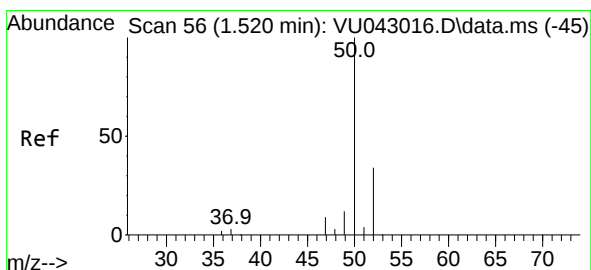
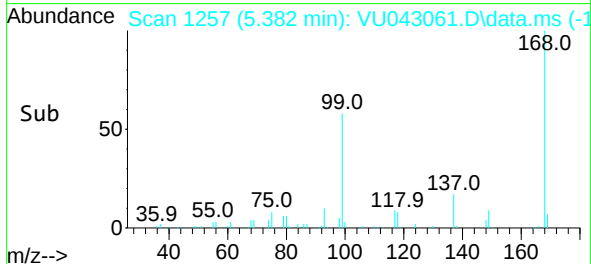
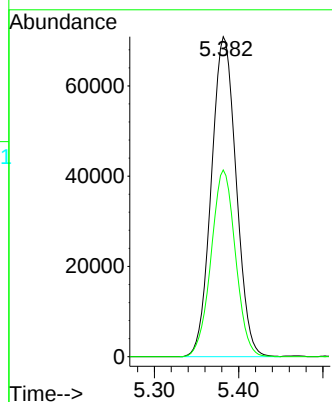
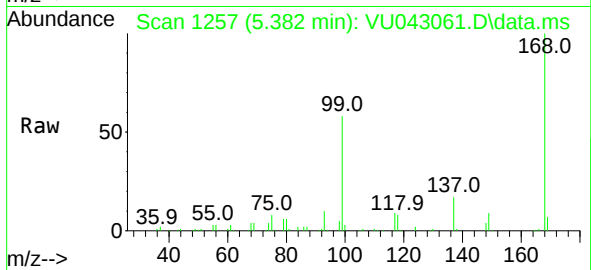




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54

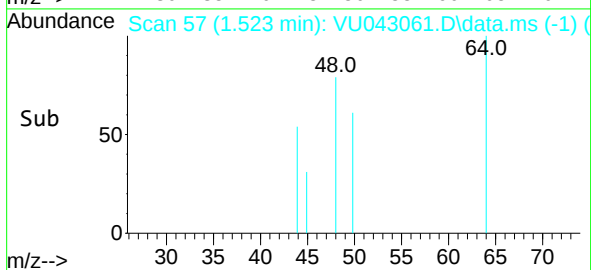
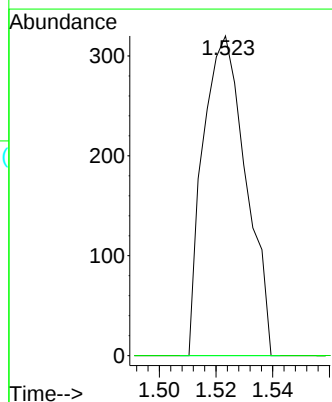
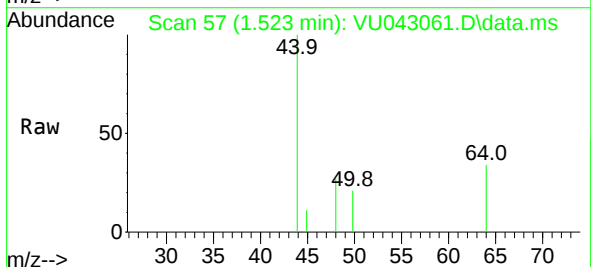
Instrument :
MSVOA_U
ClientSampled :

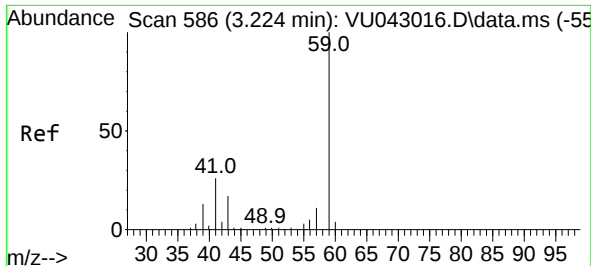
Tgt Ion:168 Resp: 144876
Ion Ratio Lower Upper
168 100
99 58.3 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54

Tgt Ion: 50 Resp: 336
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#



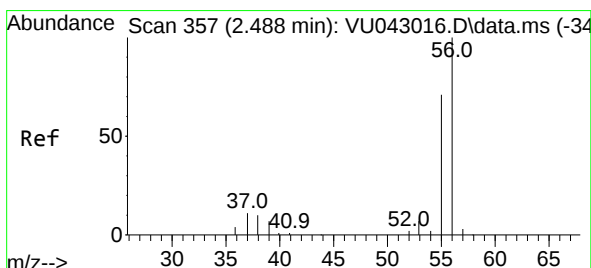
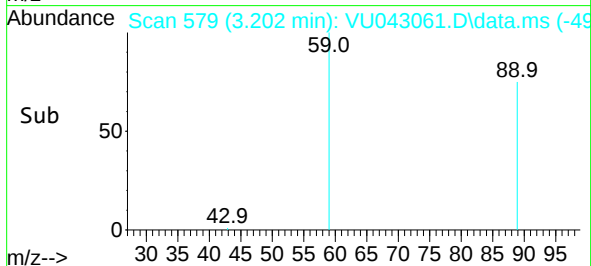
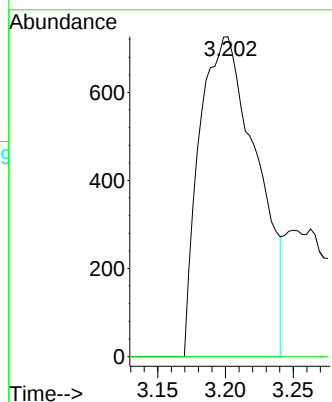
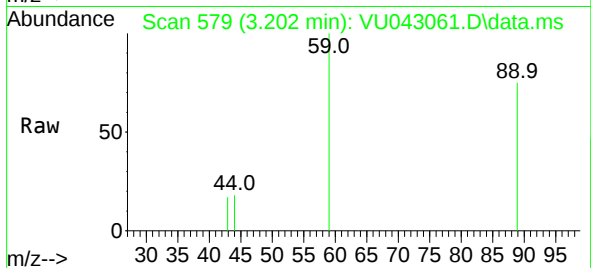


#11

Tert butyl alcohol
Concen: 3.42 ug/l
RT: 3.202 min Scan# 579
Delta R.T. -0.022 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54

Instrument :
MSVOA_U
ClientSampled :

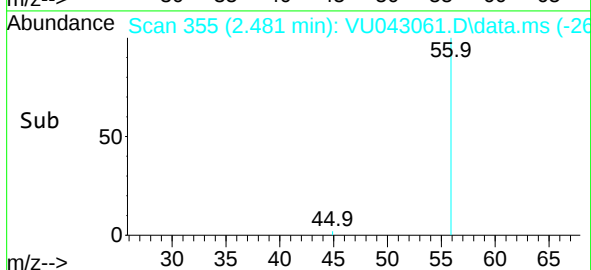
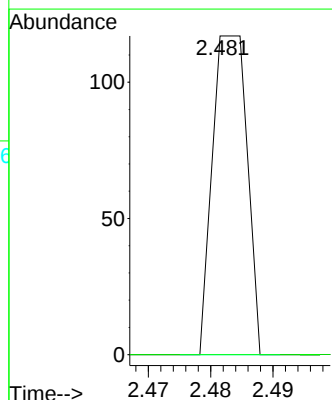
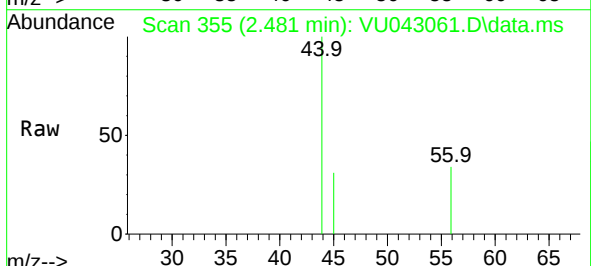
Tgt Ion: 59 Resp: 2145
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#13

Acrolein
Concen: 10.53 ug/l
RT: 2.481 min Scan# 355
Delta R.T. -0.007 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54

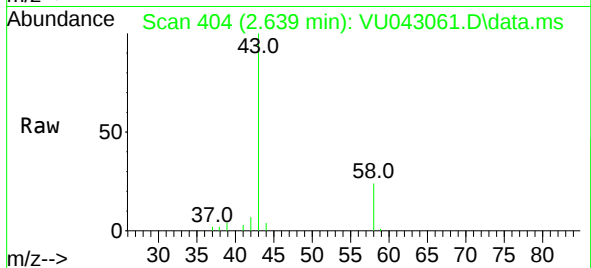
Tgt Ion: 56 Resp: 45
Ion Ratio Lower Upper
56 100
55 0.0 57.3 85.9#



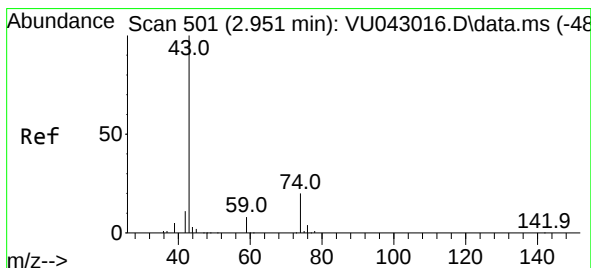
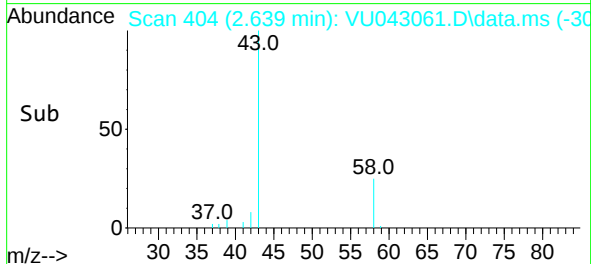
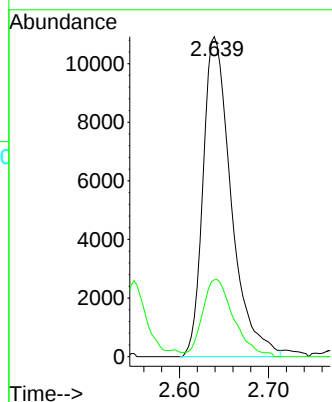


#16
Acetone
Concen: 16.43 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.010 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54

Instrument :
MSVOA_U
ClientSampled :

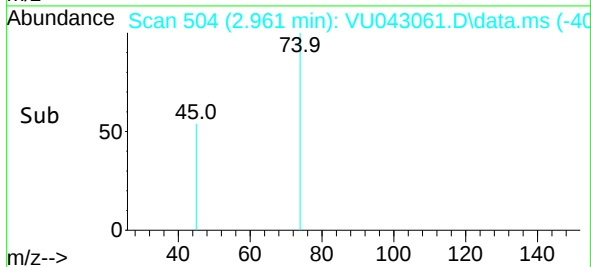
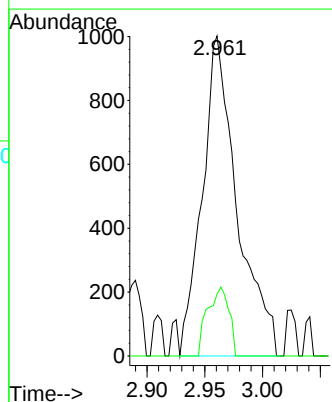
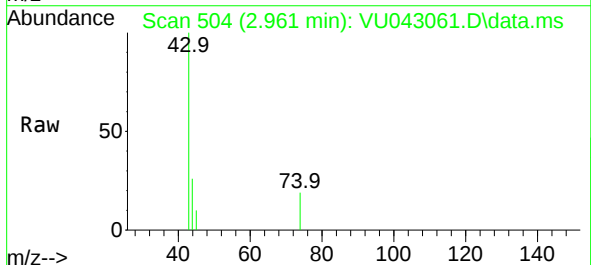


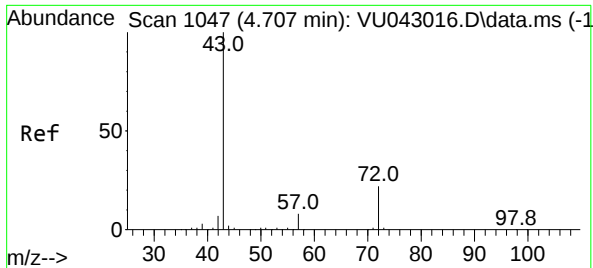
Tgt Ion: 43 Resp: 23954
Ion Ratio Lower Upper
43 100
58 24.1 21.5 32.3



#18
Methyl Acetate
Concen: 0.69 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.010 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54

Tgt Ion: 43 Resp: 2104
Ion Ratio Lower Upper
43 100
74 13.1 16.6 25.0#

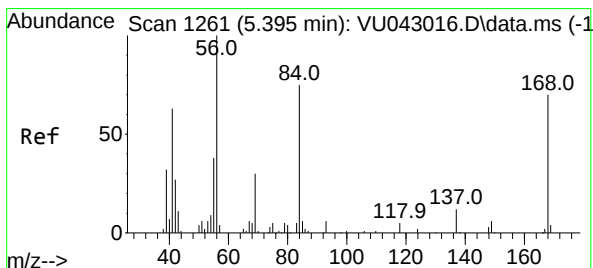
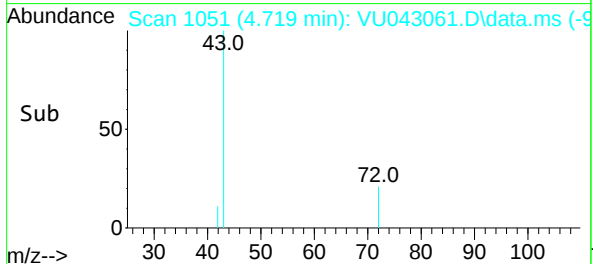
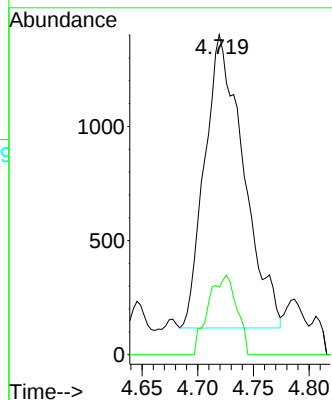
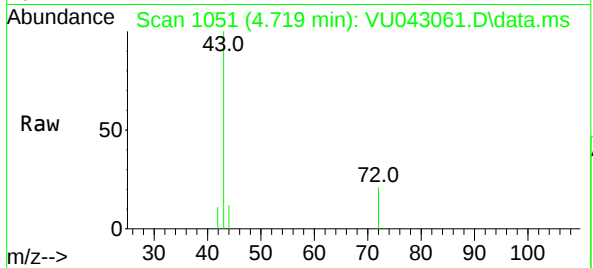




#25
2-Butanone
Concen: 1.41 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.012 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54

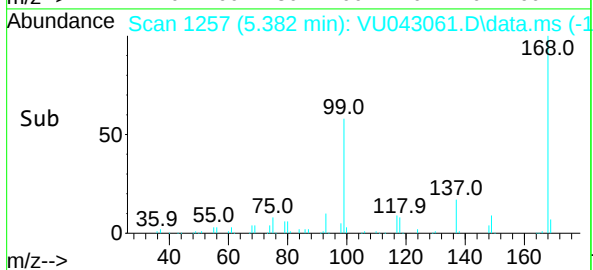
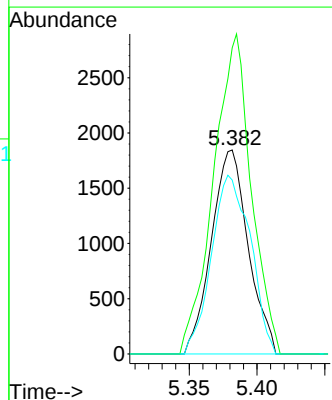
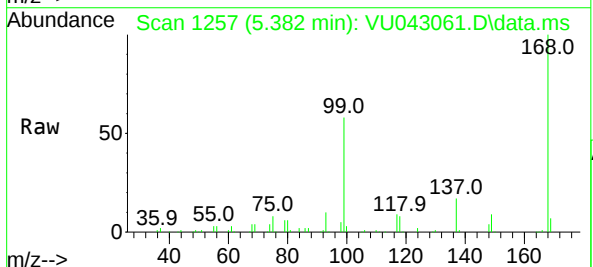
Instrument :
MSVOA_U
ClientSampled :

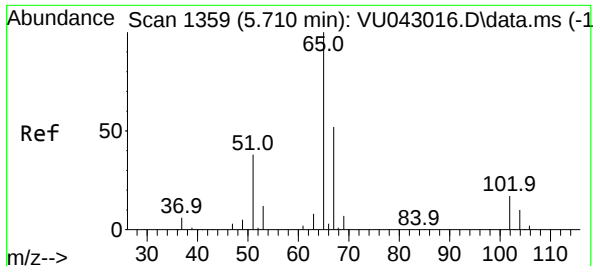
Tgt Ion: 43 Resp: 3115
Ion Ratio Lower Upper
43 100
72 23.0 17.4 26.0



#31
Cyclohexane
Concen: 1.16 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54

Tgt Ion: 56 Resp: 3485
Ion Ratio Lower Upper
56 100
69 150.1 24.9 37.3#
84 85.3 63.7 95.5

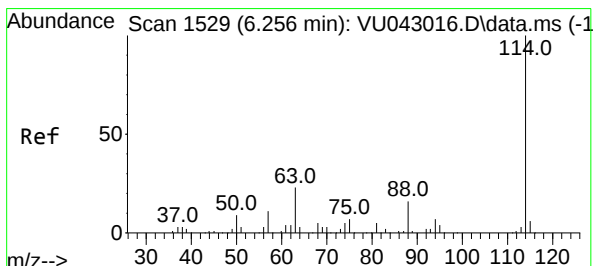
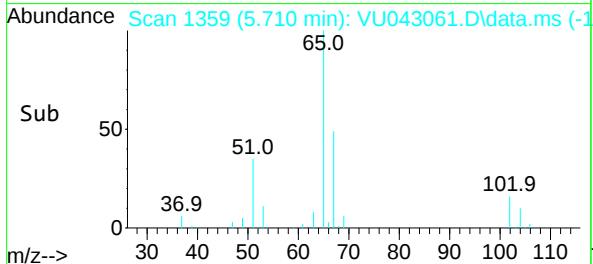
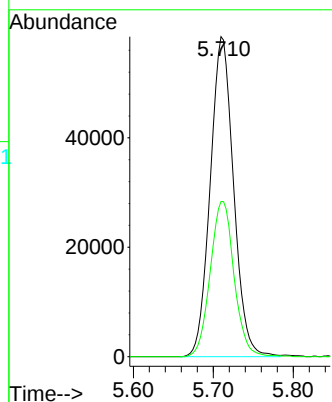
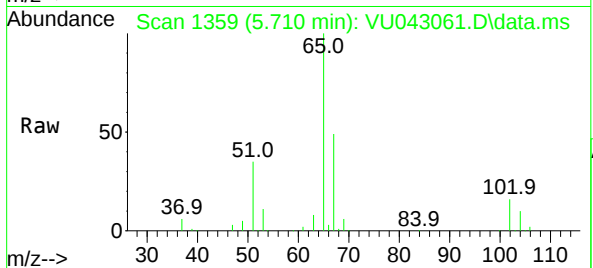




#33
 1,2-Dichloroethane-d4
 Concen: 48.69 ug/l
 RT: 5.710 min Scan# 1359
 Delta R.T. -0.000 min
 Lab File: VU043061.D
 Acq: 13 Apr 2021 18:54

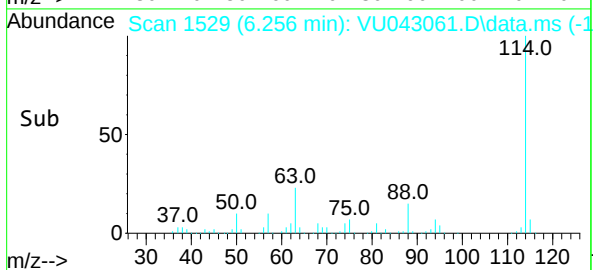
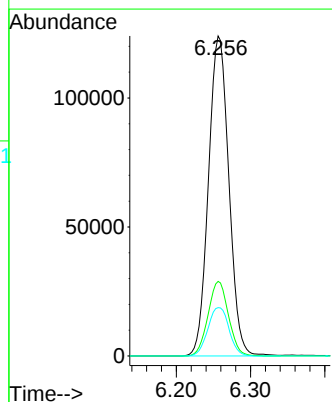
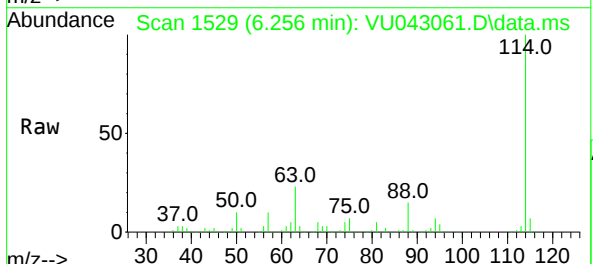
Instrument :
 MSVOA_U
 ClientSampled :

Tgt Ion: 65 Resp: 118592
 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: VU043061.D
 Acq: 13 Apr 2021 18:54

Tgt Ion: 114 Resp: 236477
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 44.2
 88 15.1 0.0 33.4

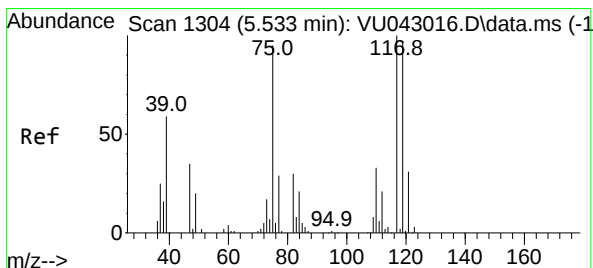
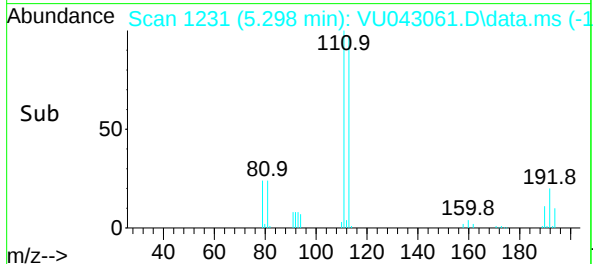
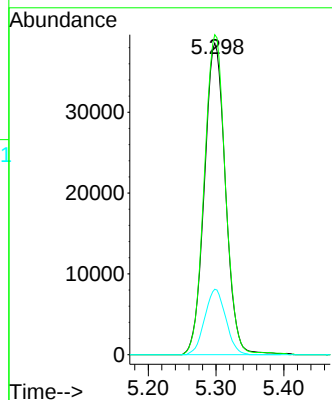
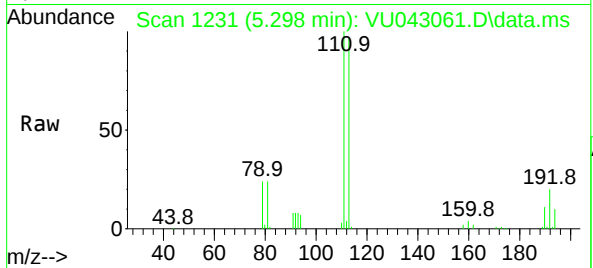




#35
Dibromofluoromethane
Concen: 46.89 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54

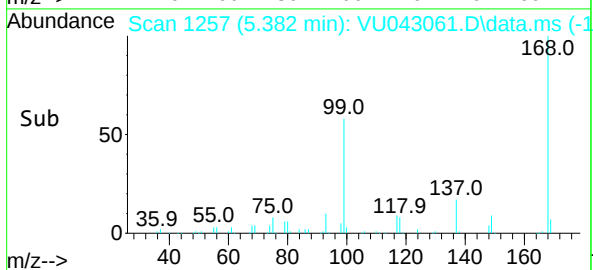
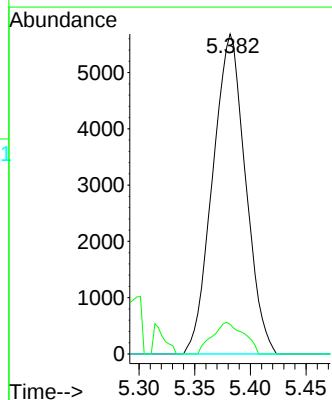
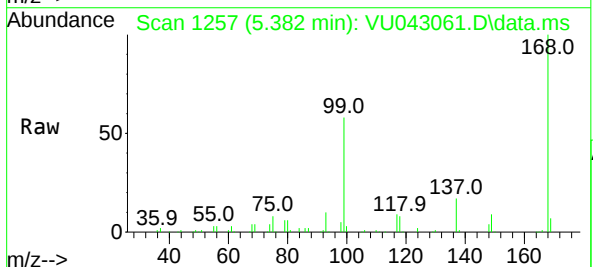
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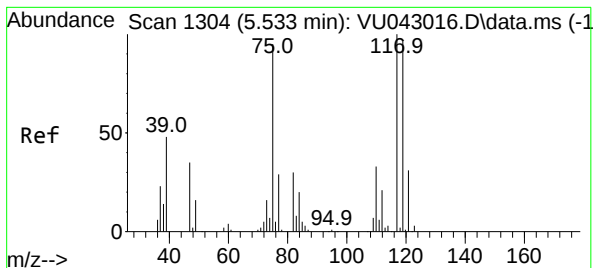
Tgt Ion:113 Resp: 83315
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.8
192 20.9 17.2 25.8



#36
1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54

Tgt Ion: 75 Resp: 11665
Ion Ratio Lower Upper
75 100
110 9.4 16.8 50.3#
77 0.0 24.8 37.2#

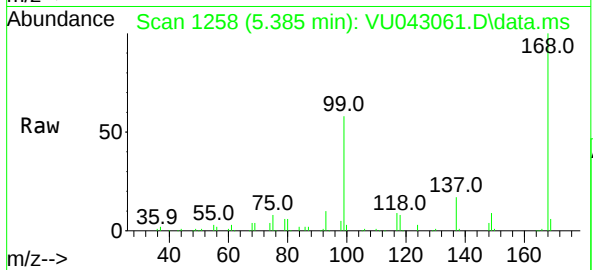




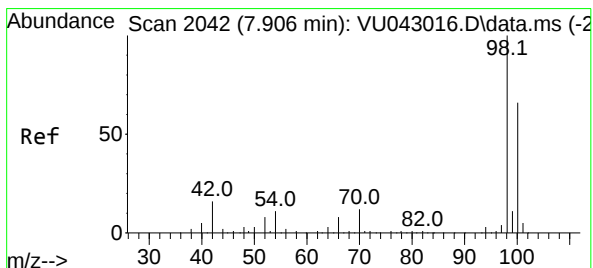
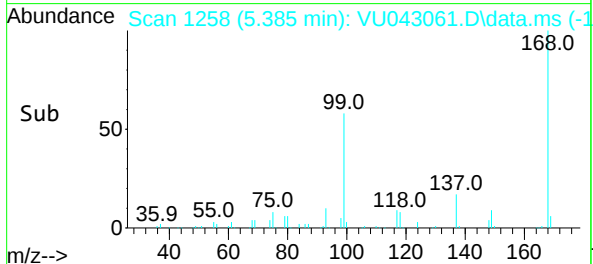
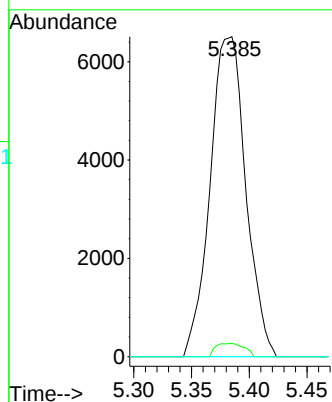
#38

Carbon Tetrachloride
Concen: 5.20 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54

Instrument :
MSVOA_U
ClientSampleId :



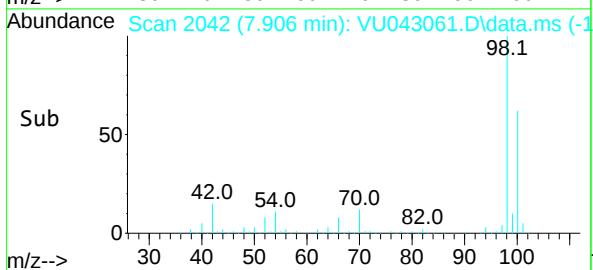
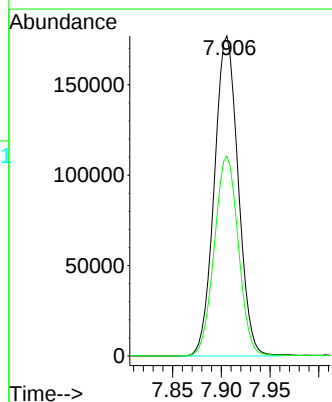
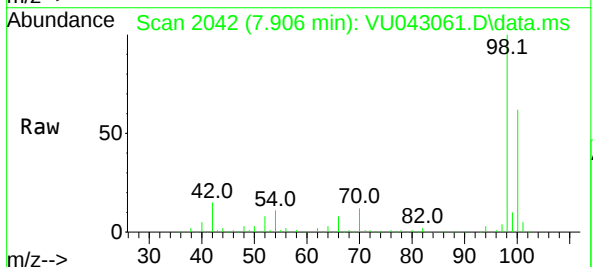
Tgt Ion:117 Resp: 13996
Ion Ratio Lower Upper
117 100
119 4.1 75.5 113.3#
121 0.0 24.7 37.1#

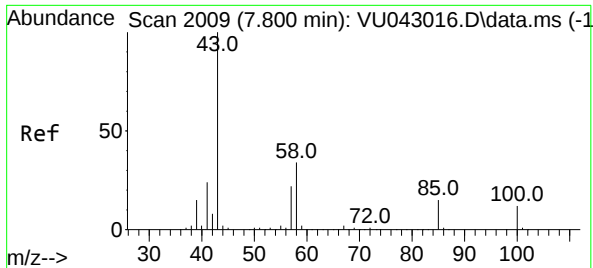


#50

Toluene-d8
Concen: 47.88 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54

Tgt Ion: 98 Resp: 301032
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2

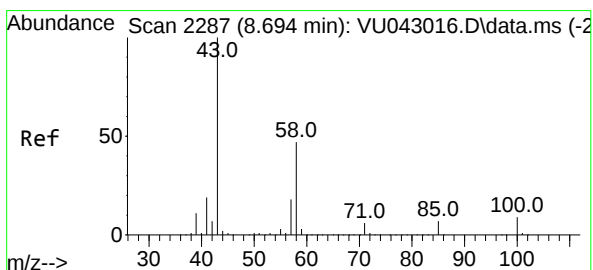
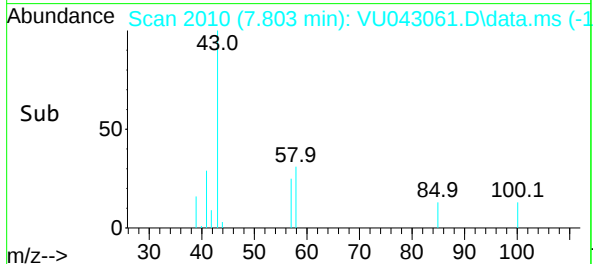
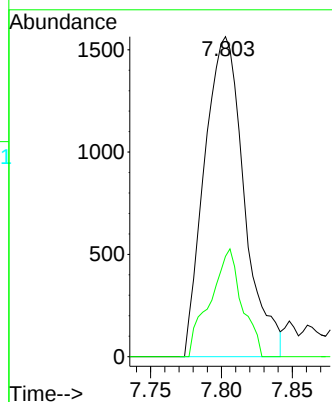
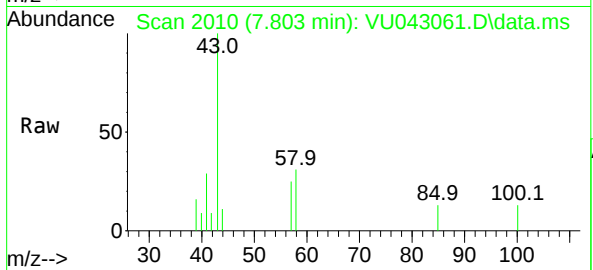




#51
4-Methyl-2-Pentanone
Concen: 0.68 ug/l
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54

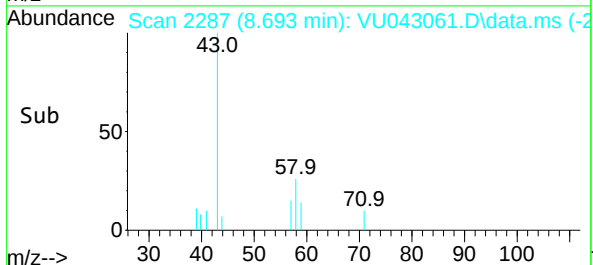
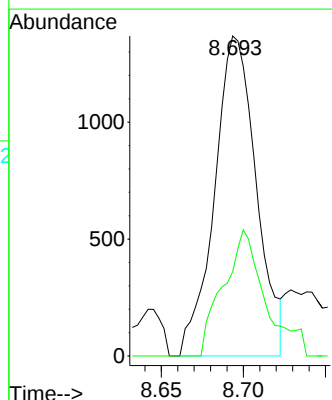
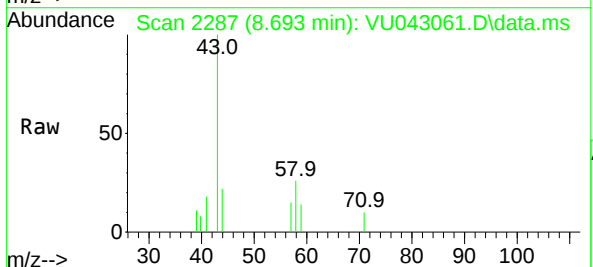
Instrument :
MSVOA_U
ClientSampled :

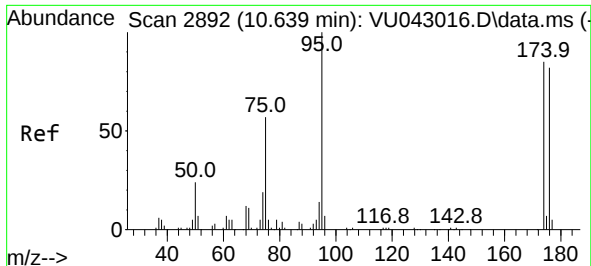
Tgt Ion: 43 Resp: 3060
Ion Ratio Lower Upper
43 100
58 26.8 28.1 42.1#



#59
2-Hexanone
Concen: 0.65 ug/l
RT: 8.693 min Scan# 2287
Delta R.T. -0.001 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54

Tgt Ion: 43 Resp: 2423
Ion Ratio Lower Upper
43 100
58 39.3 24.0 72.0

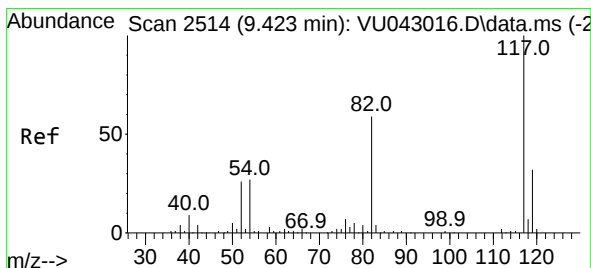
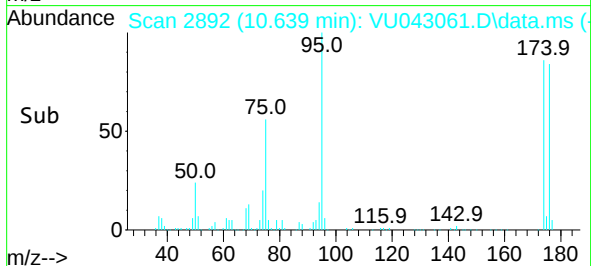
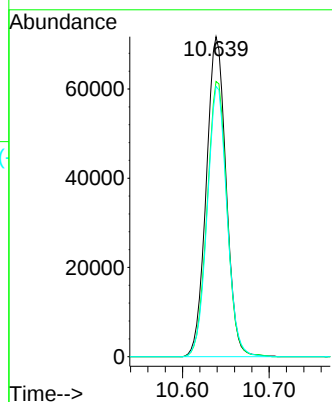
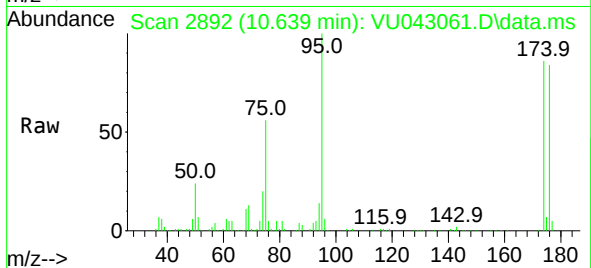




#62
4-Bromofluorobenzene
Concen: 45.36 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54

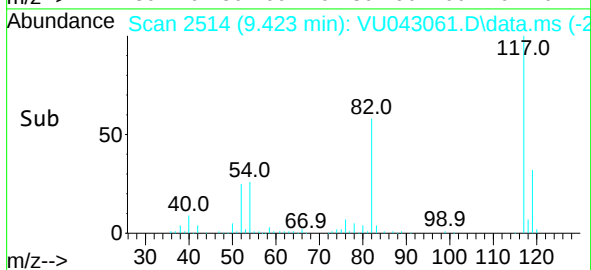
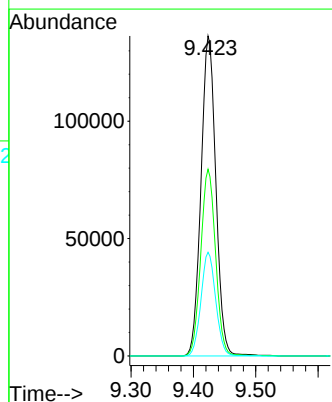
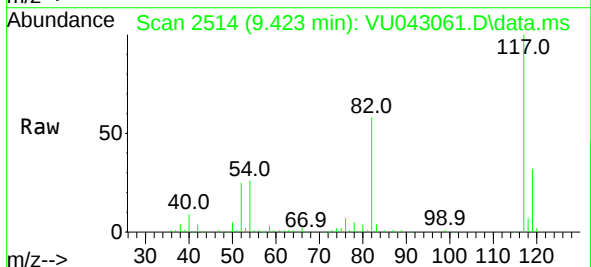
Instrument :
MSVOA_U
ClientSampleId :

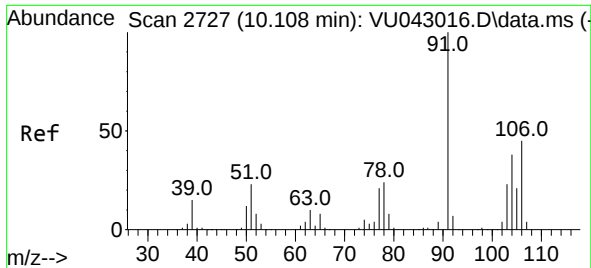
Tgt Ion: 95 Resp: 114220
Ion Ratio Lower Upper
95 100
174 86.2 0.0 172.2
176 84.1 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54

Tgt Ion: 117 Resp: 226295
Ion Ratio Lower Upper
117 100
82 58.3 45.8 68.6
119 32.4 25.8 38.8

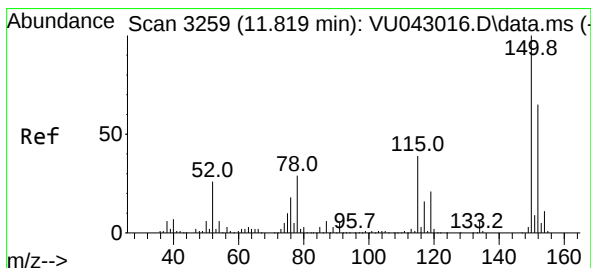
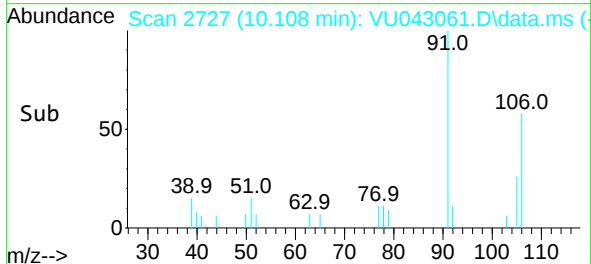
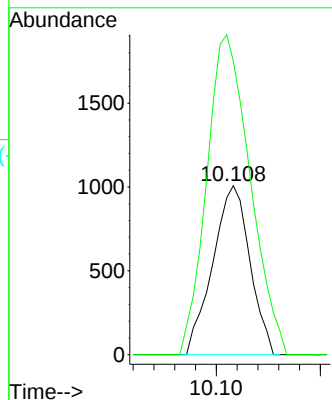
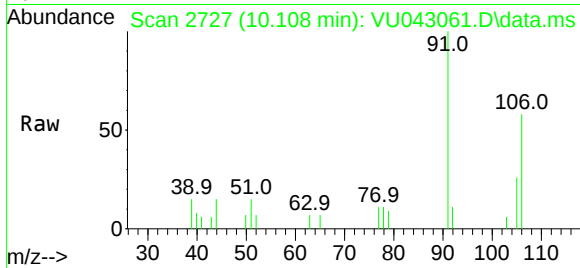




#69
o-Xylene
Concen: 0.39 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54

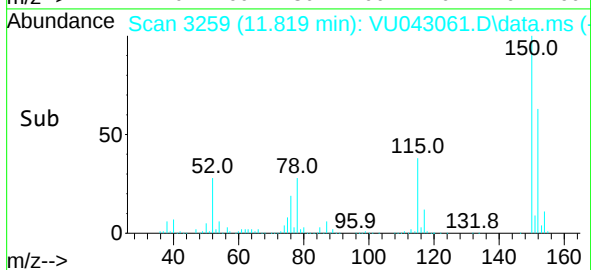
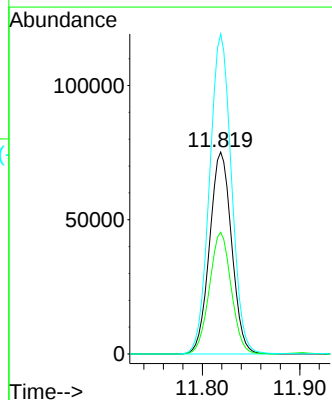
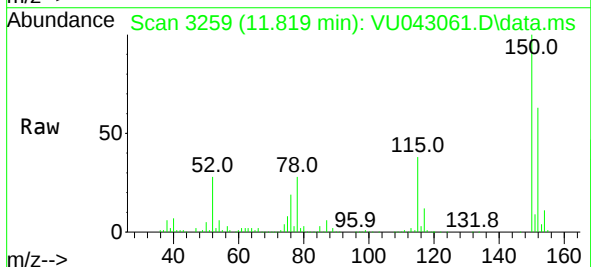
Instrument :
MSVOA_U
ClientSampled :

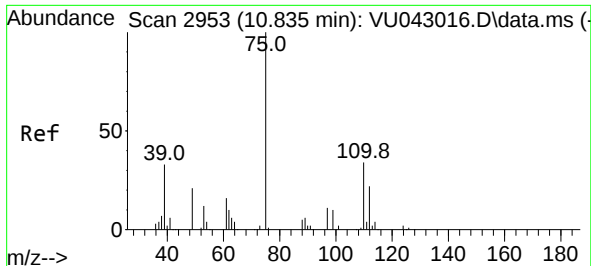
Tgt Ion:106 Resp: 1248
Ion Ratio Lower Upper
106 100
91 221.2 111.2 333.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54

Tgt Ion:152 Resp: 118236
Ion Ratio Lower Upper
152 100
115 59.5 41.5 124.6
150 157.4 0.0 342.4

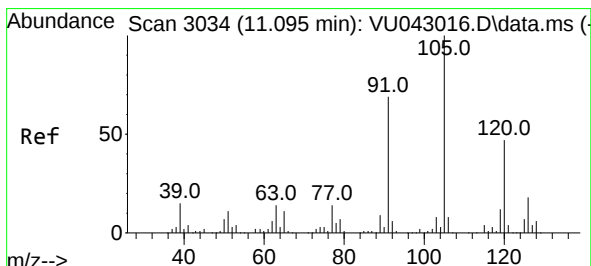
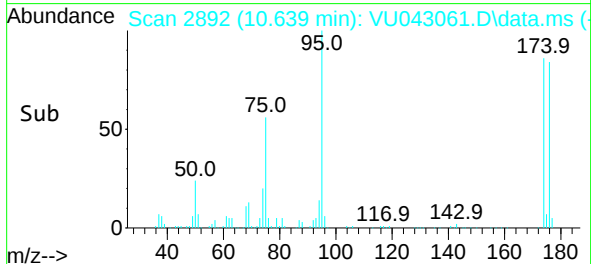
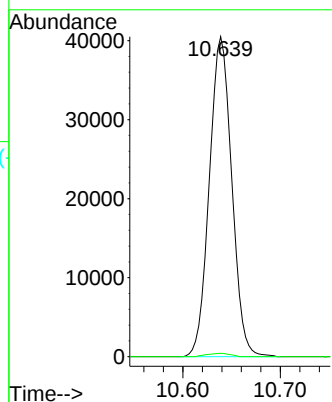
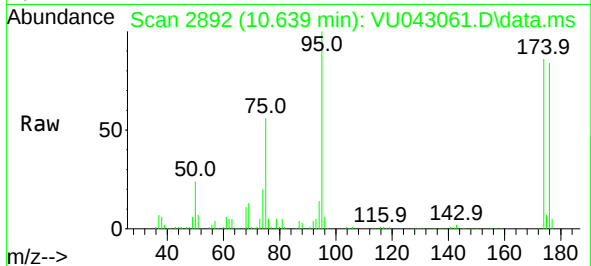




#76
1,2,3-Trichloropropane
Concen: 18.76 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54

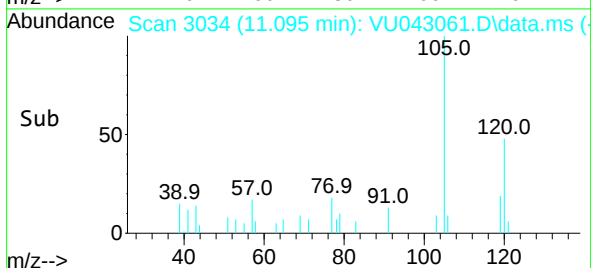
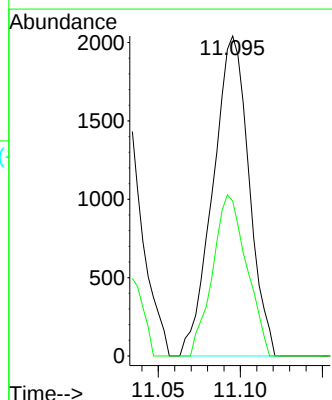
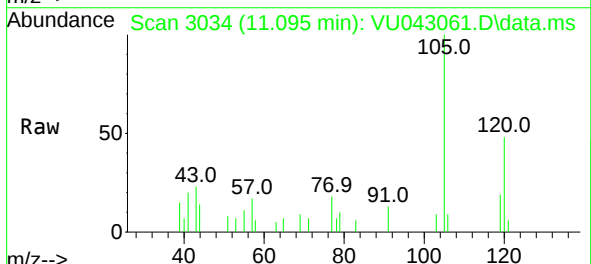
Instrument :
MSVOA_U
ClientSampled :

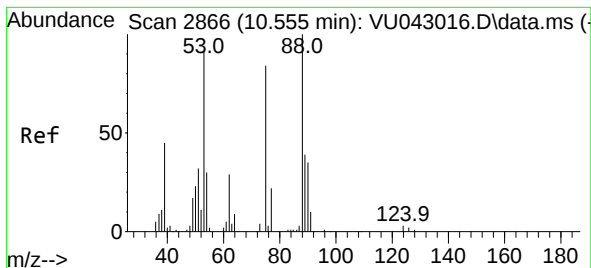
Tgt Ion: 75 Resp: 64806
Ion Ratio Lower Upper
75 100
77 1.1 20.2 60.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.44 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54

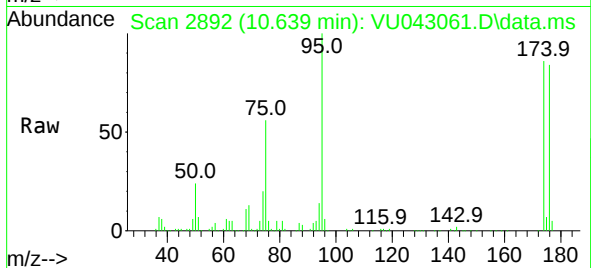
Tgt Ion:105 Resp: 3110
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.4



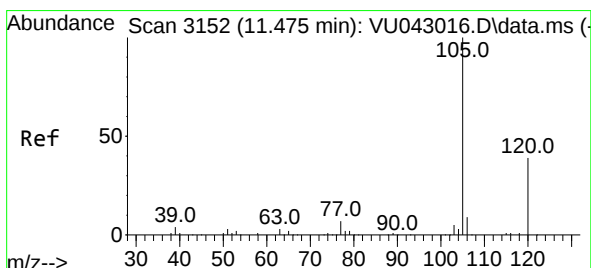
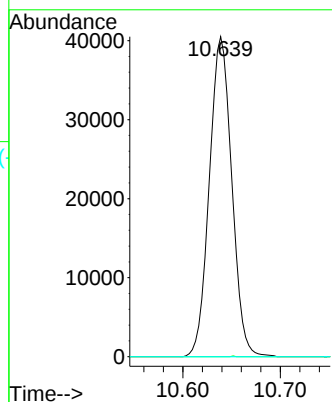
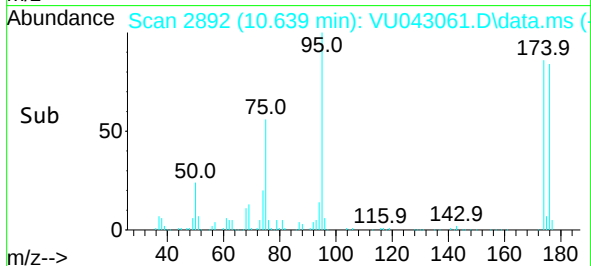


#81
trans-1,4-Dichloro-2-butene
Concen: 55.12 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54

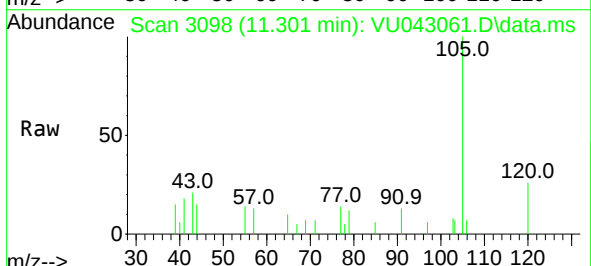
Instrument :
MSVOA_U
ClientSampleId :



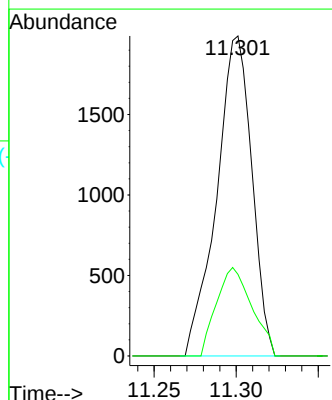
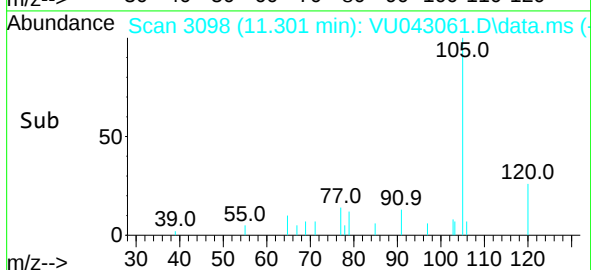
Tgt Ion: 75 Resp: 64806
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#

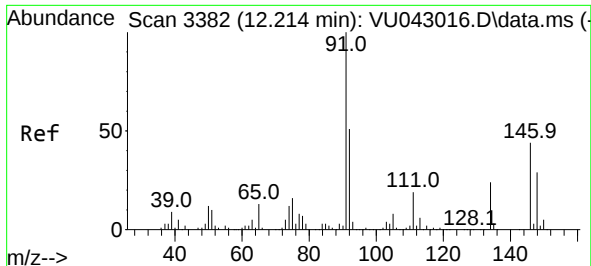


#84
1,2,4-Trimethylbenzene
Concen: 0.41 ug/l
RT: 11.301 min Scan# 3098
Delta R.T. -0.174 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54



Tgt Ion: 105 Resp: 2959
Ion Ratio Lower Upper
105 100
120 27.9 22.3 66.8

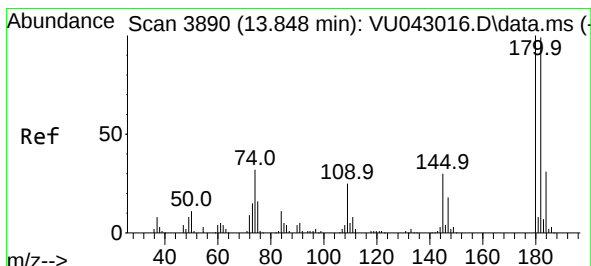
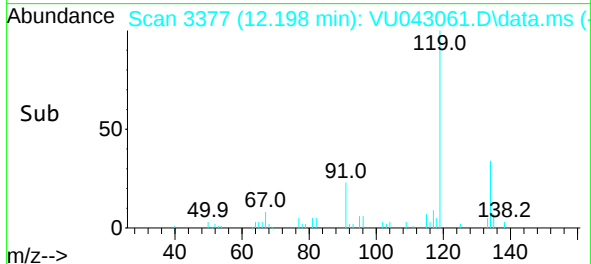
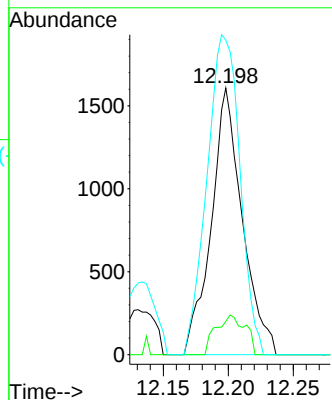
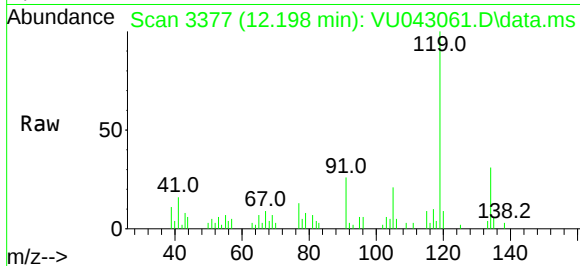




#89
n-Butylbenzene
Concen: 0.38 ug/l
RT: 12.198 min Scan# 3377
Delta R.T. -0.016 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54

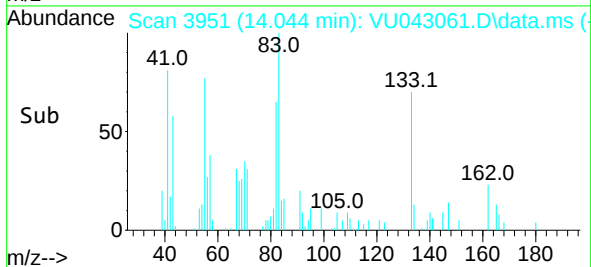
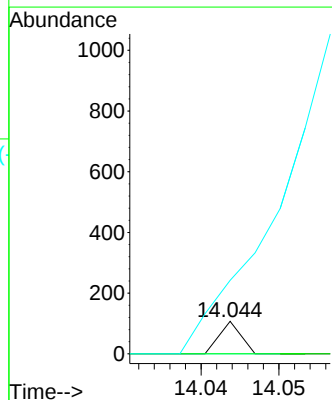
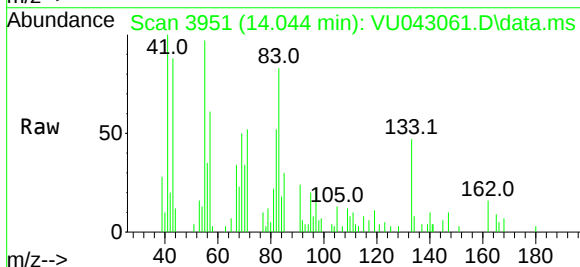
Instrument :
MSVOA_U
ClientSampled :

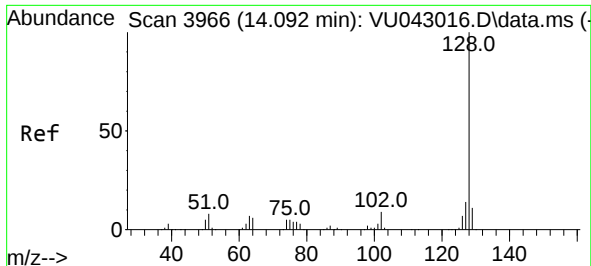
Tgt Ion: 91 Resp: 2672
Ion Ratio Lower Upper
91 100
92 14.0 26.2 78.6#
134 127.5 12.7 38.1#



#93
1,2,4-Trichlorobenzene
Concen: 1.51 ug/l
RT: 14.044 min Scan# 3951
Delta R.T. 0.196 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54

Tgt Ion: 180 Resp: 21
Ion Ratio Lower Upper
180 100
182 0.0 46.9 140.8#
145 0.0 14.4 43.4#

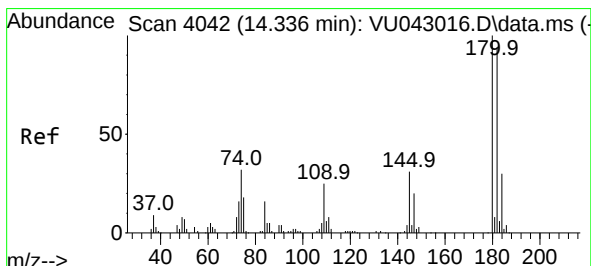
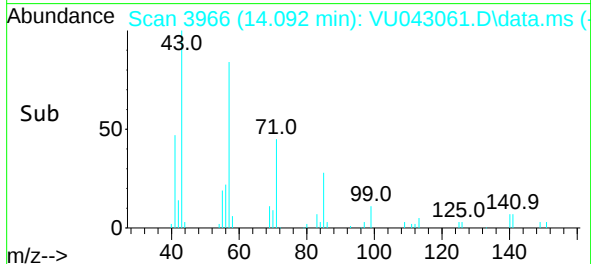
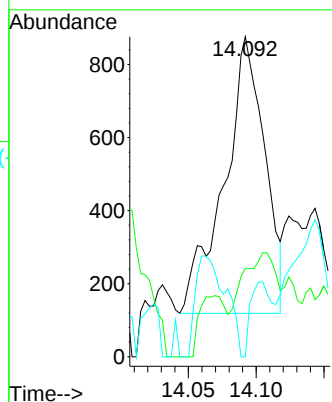
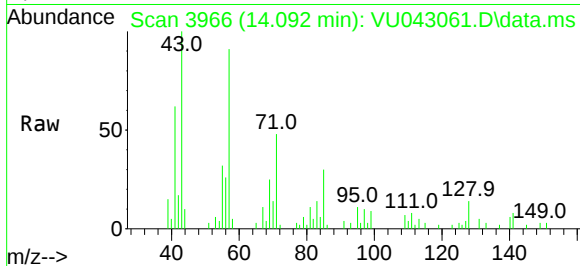




#95
Naphthalene
Concen: 2.92 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 1577
Ion Ratio Lower Upper
128 100
127 17.6 10.8 16.2#
129 14.6 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.71 ug/l
RT: 14.359 min Scan# 4049
Delta R.T. 0.023 min
Lab File: VU043061.D
Acq: 13 Apr 2021 18:54

Tgt Ion:180 Resp: 670
Ion Ratio Lower Upper
180 100
182 13.3 48.0 144.0#
145 690.0 15.5 46.5#

