

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043040.D
 Acq On : 13 Apr 2021 10:32
 Operator : SY/MD
 Sample : VU0413WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 14:27:51 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)

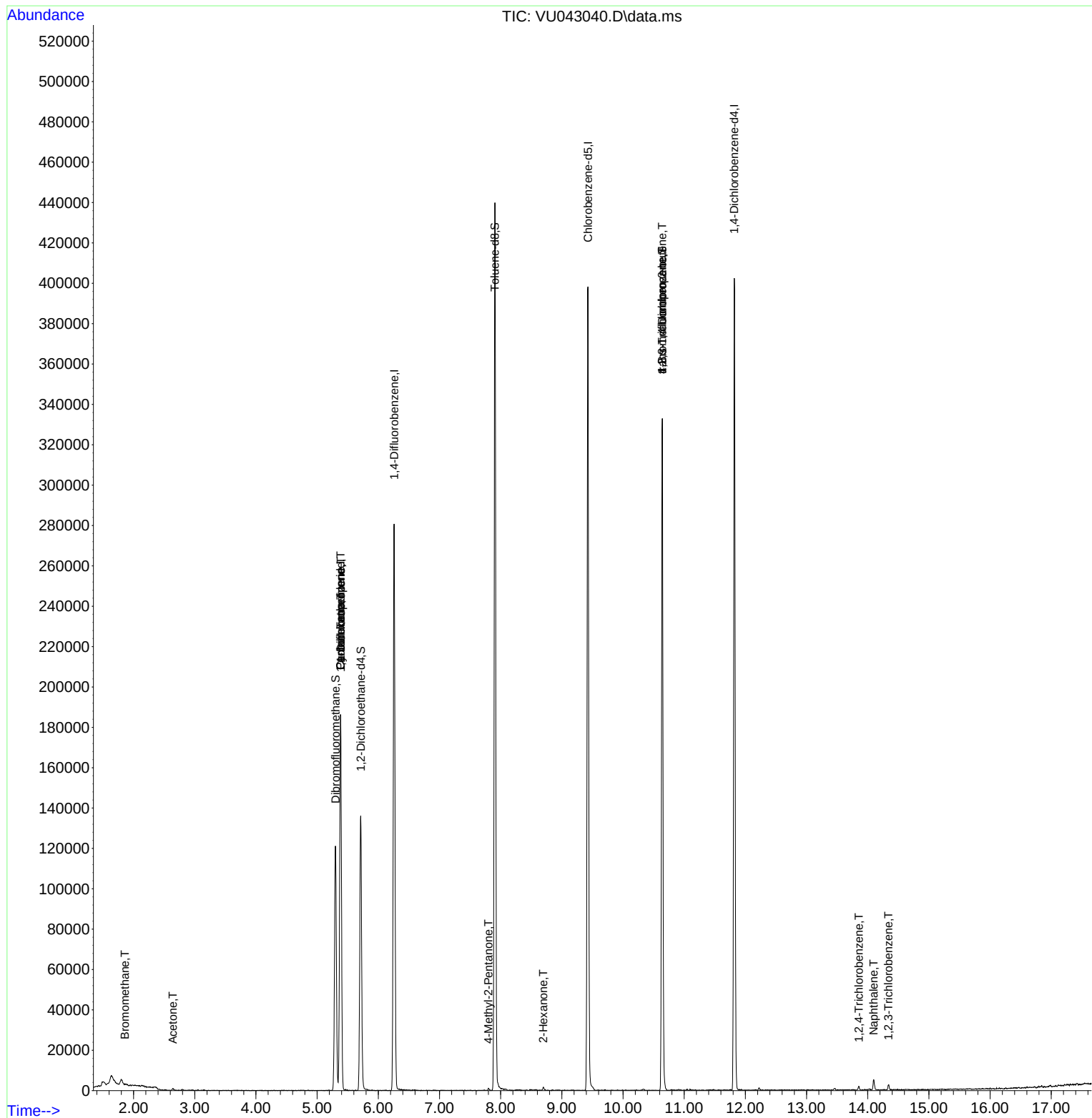
Internal Standards						
1) Pentafluorobenzene	5.382	168	126799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	211757	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	203389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	100106	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	106455	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
35) Dibromofluoromethane	5.301	113	74727	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
50) Toluene-d8	7.906	98	270356	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
62) 4-Bromofluorobenzene	10.642	95	99419	44.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.18%	
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	611	Below Cal		98
5) Bromomethane	1.858	94	156	0.20 ug/l #		67
16) Acetone	2.642	43	786	0.32 ug/l		91
31) Cyclohexane	5.382	56	3182	1.21 ug/l #		33
36) 1,1-Dichloropropene	5.385	75	11189	4.98 ug/l #		50
38) Carbon Tetrachloride	5.382	117	12871	5.34 ug/l #		16
51) 4-Methyl-2-Pentanone	7.800	43	874	0.22 ug/l #		78
59) 2-Hexanone	8.697	43	1253	0.38 ug/l		90
76) 1,2,3-Trichloropropane	10.642	75	56148	19.19 ug/l #		37
81) trans-1,4-Dichloro-2-b...	10.642	75	56148	56.40 ug/l #		7
93) 1,2,4-Trichlorobenzene	13.854	180	819	1.85 ug/l #		86
94) Hexachlorobutadiene	14.028	225	184	Below Cal #		18
95) Naphthalene	14.099	128	4270	3.30 ug/l #		94
96) 1,2,3-Trichlorobenzene	14.340	180	1134	1.95 ug/l		92

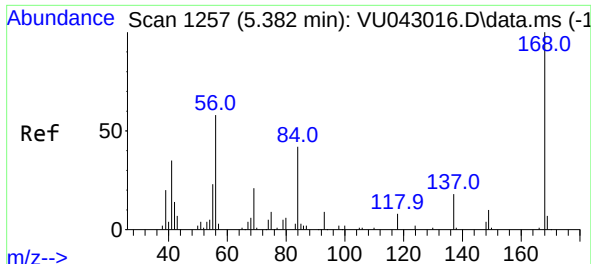
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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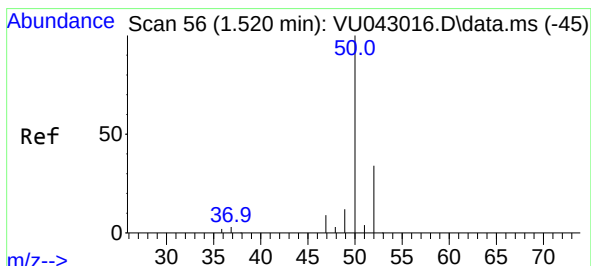
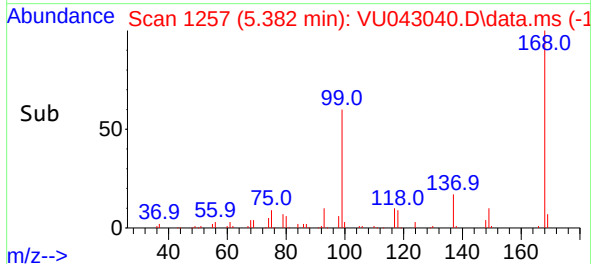
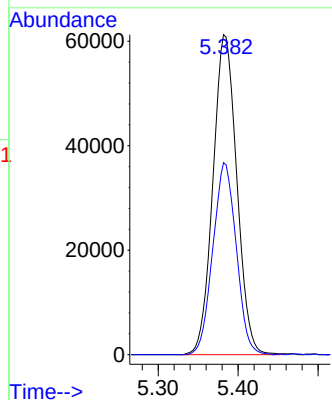
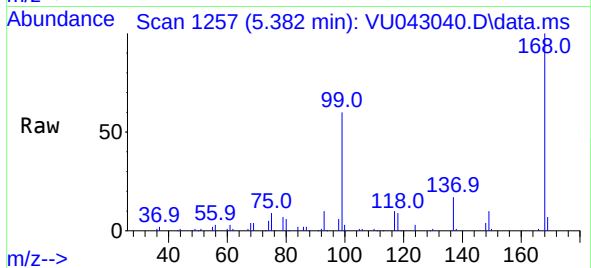




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043040.D
Acq: 13 Apr 2021 10:32

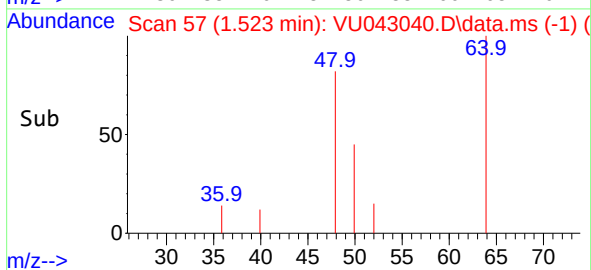
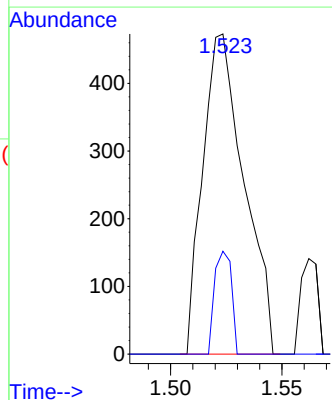
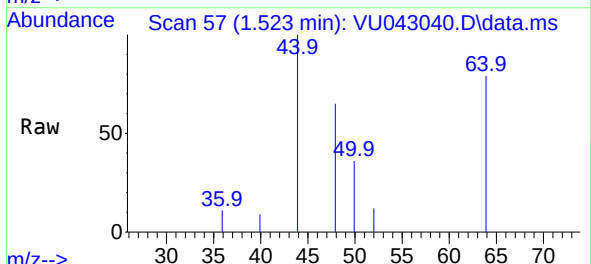
Instrument :
MSVOA_U
ClientSampleId :

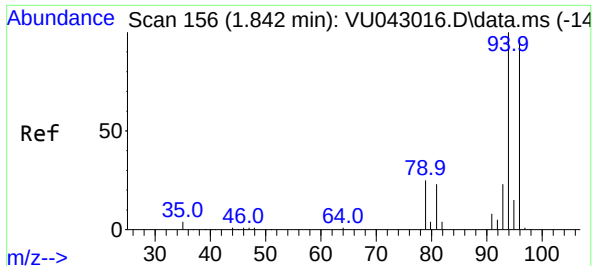
Tgt Ion:168 Resp: 126799
Ion Ratio Lower Upper
168 100
99 60.0 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043040.D
Acq: 13 Apr 2021 10:32

Tgt Ion: 50 Resp: 611
Ion Ratio Lower Upper
50 100
52 32.1 26.6 40.0

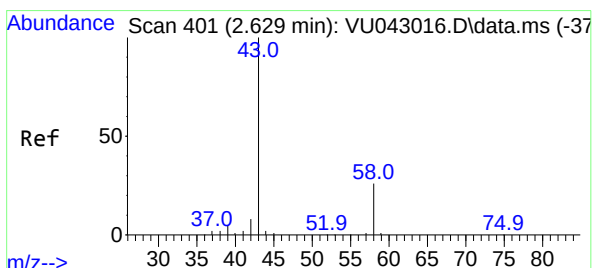
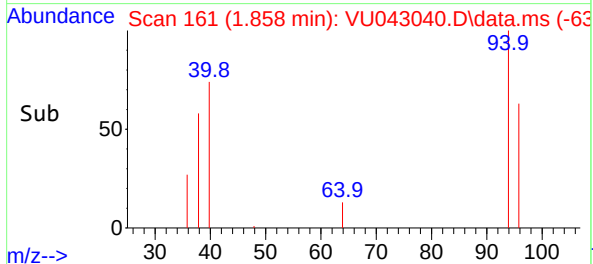
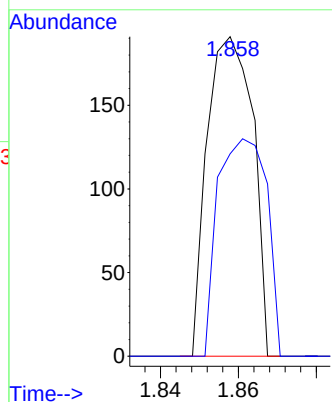
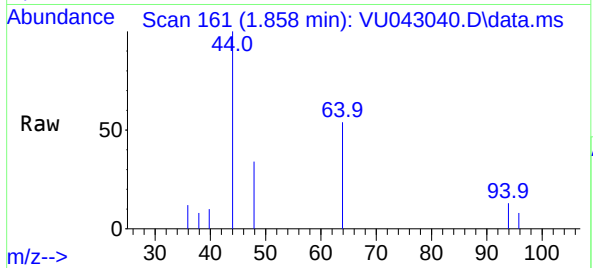




#5
Bromomethane
Concen: 0.20 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.016 min
Lab File: VU043040.D
Acq: 13 Apr 2021 10:32

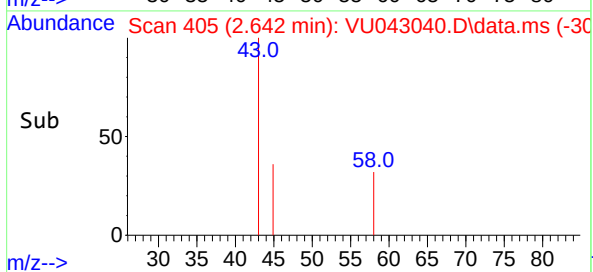
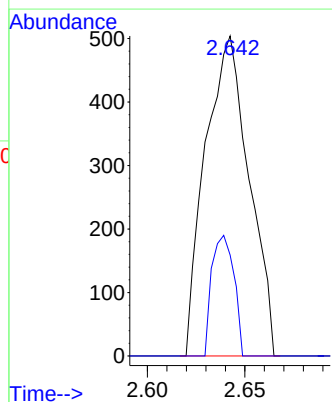
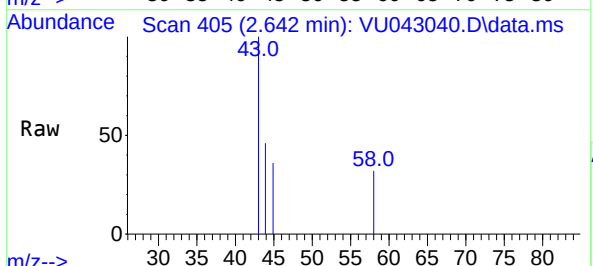
Instrument :
MSVOA_U
ClientSampled :

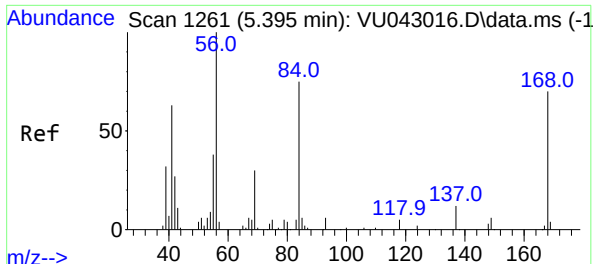
Tgt Ion: 94 Resp: 156
Ion Ratio Lower Upper
94 100
96 63.4 76.6 115.0#



#16
Acetone
Concen: 0.32 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.013 min
Lab File: VU043040.D
Acq: 13 Apr 2021 10:32

Tgt Ion: 43 Resp: 786
Ion Ratio Lower Upper
43 100
58 31.5 21.5 32.3





#31

Cyclohexane

Concen: 1.21 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.013 min

Lab File: VU043040.D

Acq: 13 Apr 2021 10:32

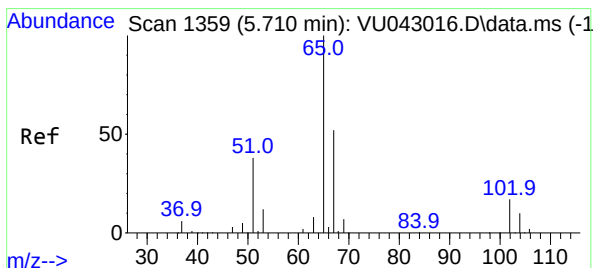
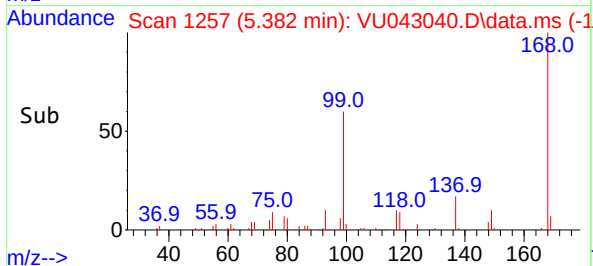
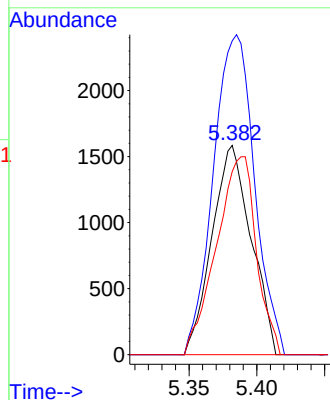
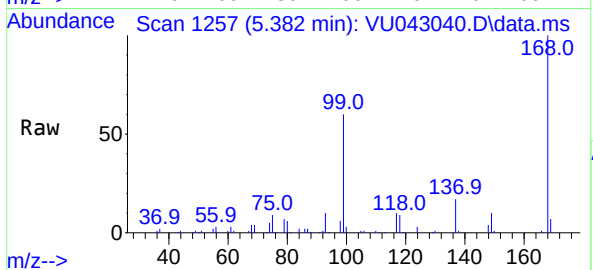
Tgt Ion: 56 Resp: 3182

Ion Ratio Lower Upper

56 100

69 149.9 24.9 37.3#

84 87.4 63.7 95.5



#33

1,2-Dichloroethane-d4

Concen: 49.94 ug/l

RT: 5.713 min Scan# 1360

Delta R.T. 0.003 min

Lab File: VU043040.D

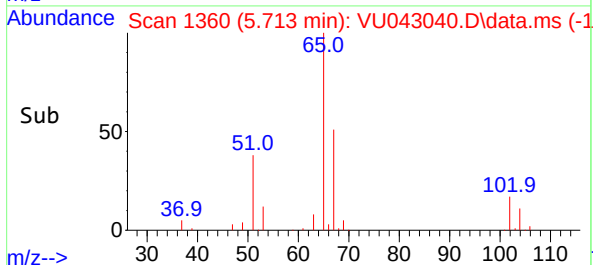
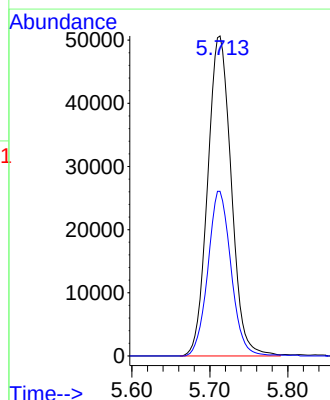
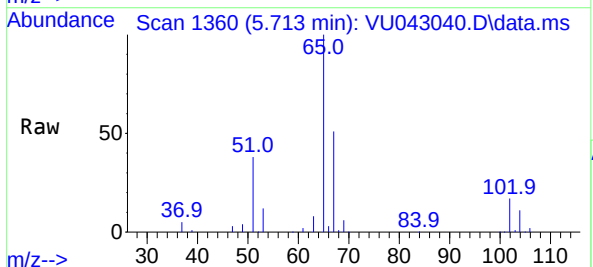
Acq: 13 Apr 2021 10:32

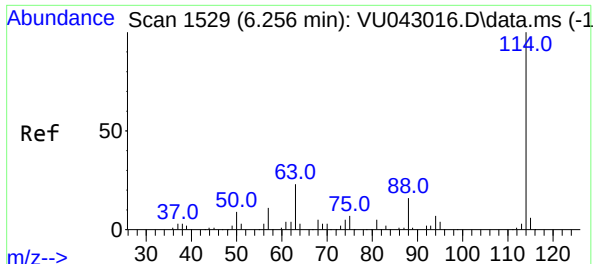
Tgt Ion: 65 Resp: 106455

Ion Ratio Lower Upper

65 100

67 50.3 0.0 99.8

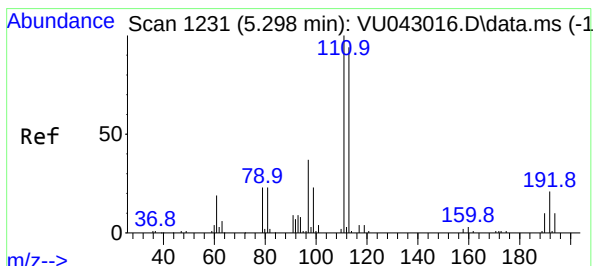
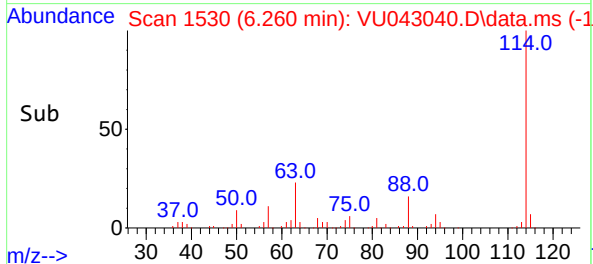
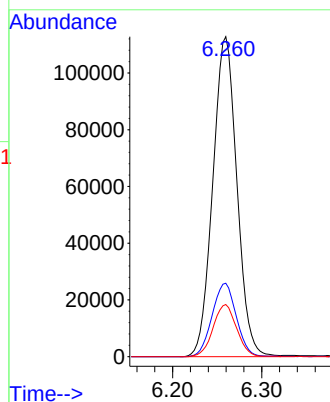
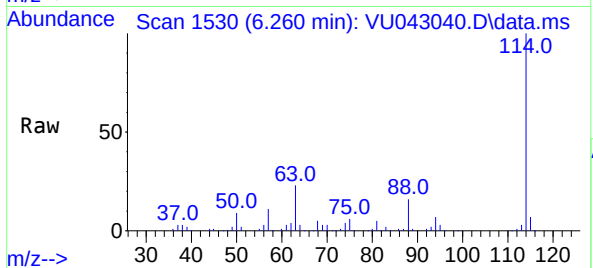




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.260 min Scan# 1530
Delta R.T. 0.004 min
Lab File: VU043040.D
Acq: 13 Apr 2021 10:32

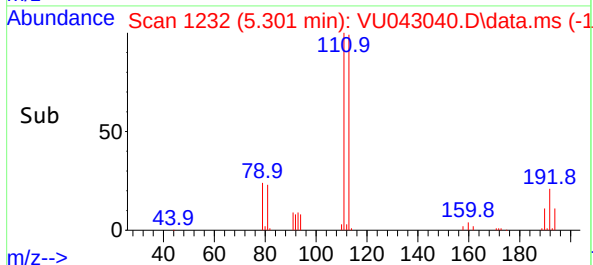
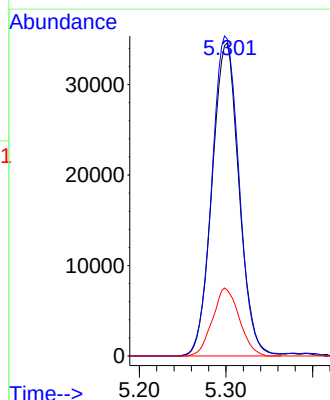
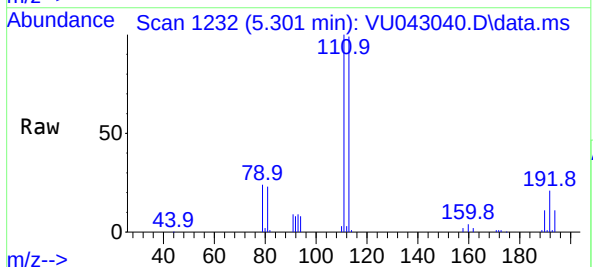
Instrument :
MSVOA_U
ClientSampled :

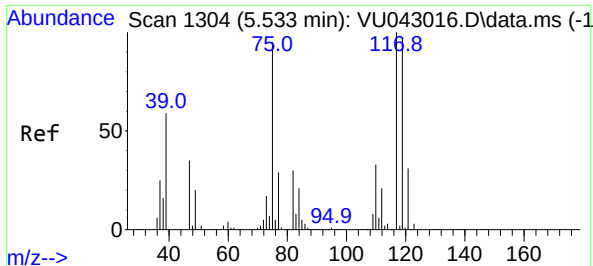
Tgt Ion:114 Resp: 211757
Ion Ratio Lower Upper
114 100
63 23.0 0.0 44.2
88 16.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.96 ug/l
RT: 5.301 min Scan# 1232
Delta R.T. 0.003 min
Lab File: VU043040.D
Acq: 13 Apr 2021 10:32

Tgt Ion:113 Resp: 74727
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 21.6 17.2 25.8

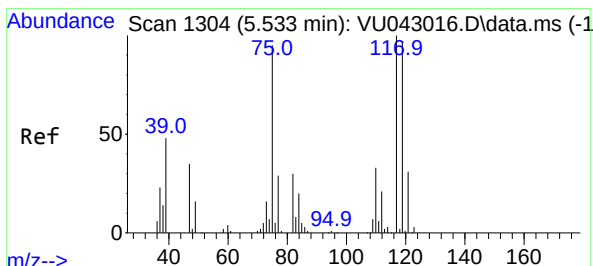
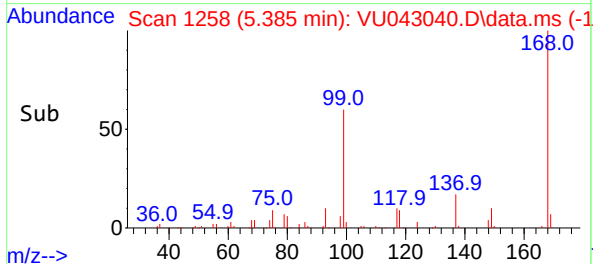
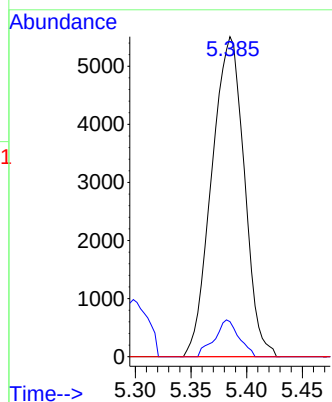
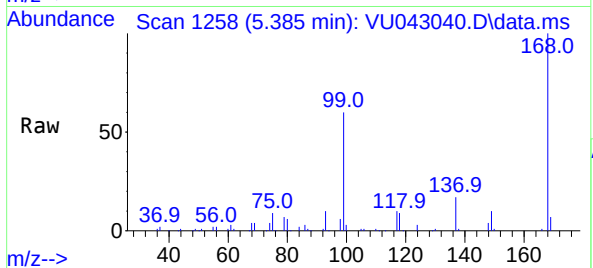




#36
1,1-Dichloropropene
Concen: 4.98 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU043040.D
Acq: 13 Apr 2021 10:32

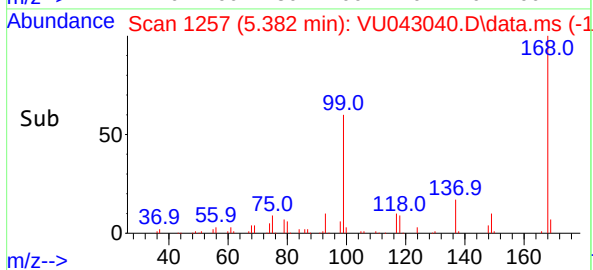
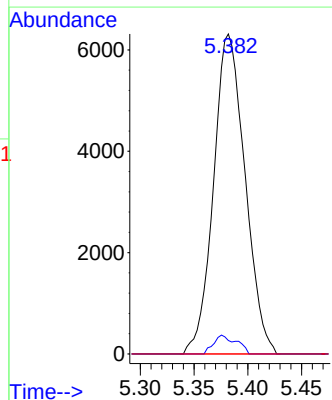
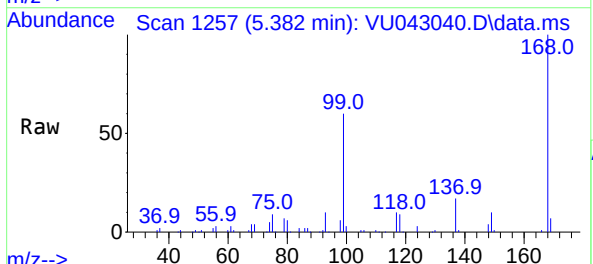
Instrument :
MSVOA_U
ClientSampleId :

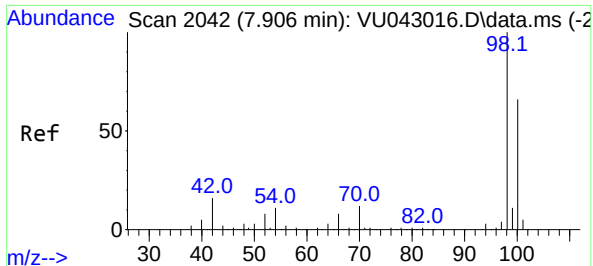
Tgt Ion: 75 Resp: 11189
Ion Ratio Lower Upper
75 100
110 8.6 16.8 50.3#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.34 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043040.D
Acq: 13 Apr 2021 10:32

Tgt Ion: 117 Resp: 12871
Ion Ratio Lower Upper
117 100
119 4.2 75.5 113.3#
121 0.0 24.7 37.1#

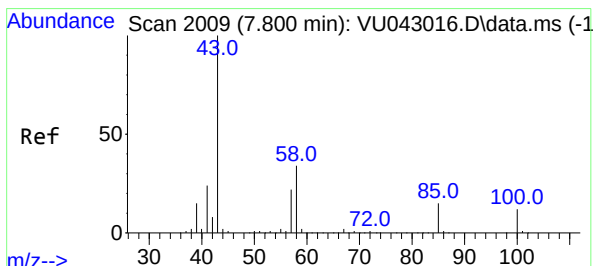
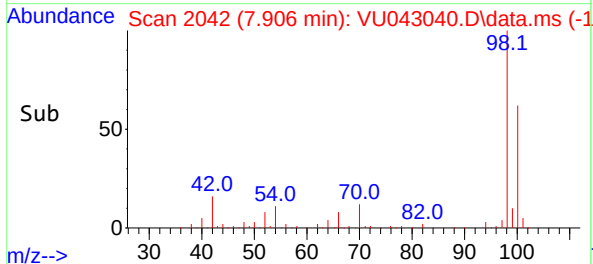
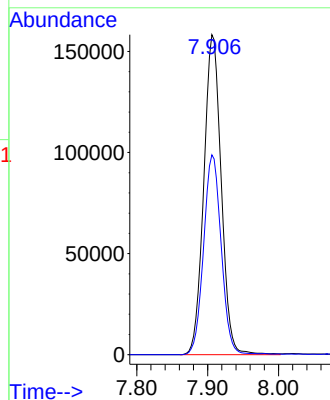
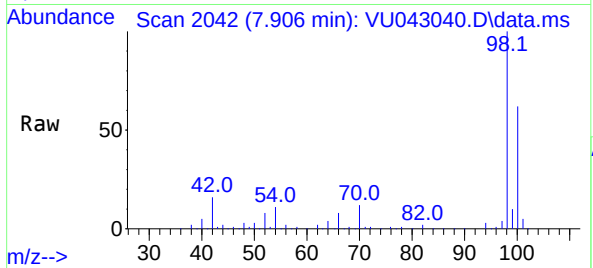




#50
Toluene-d8
Concen: 48.02 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043040.D
Acq: 13 Apr 2021 10:32

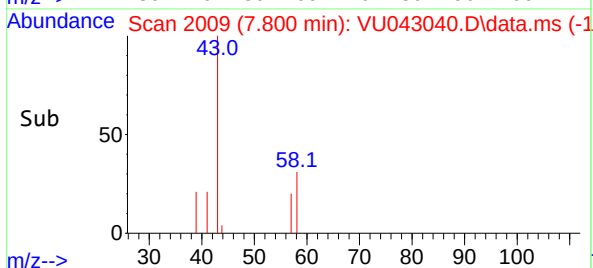
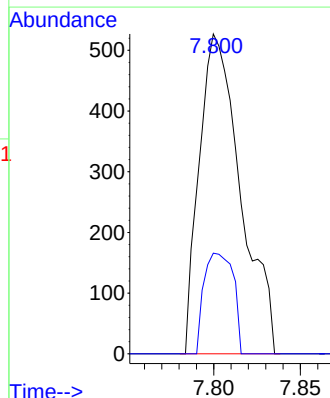
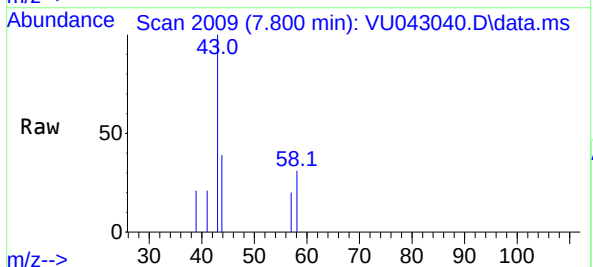
Instrument :
MSVOA_U
ClientSampled :

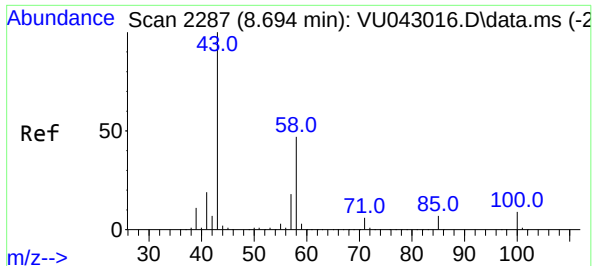
Tgt Ion: 98 Resp: 270356
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 0.22 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU043040.D
Acq: 13 Apr 2021 10:32

Tgt Ion: 43 Resp: 874
Ion Ratio Lower Upper
43 100
58 22.2 28.1 42.1#

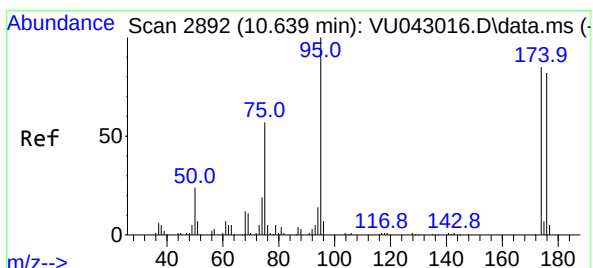
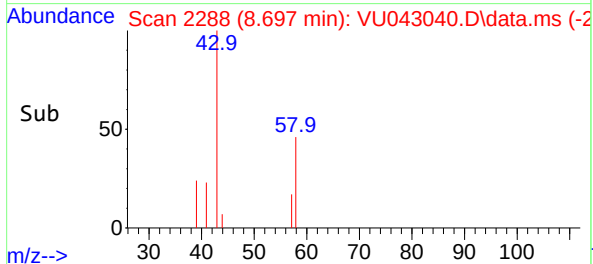
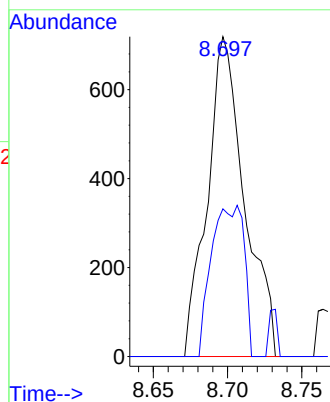
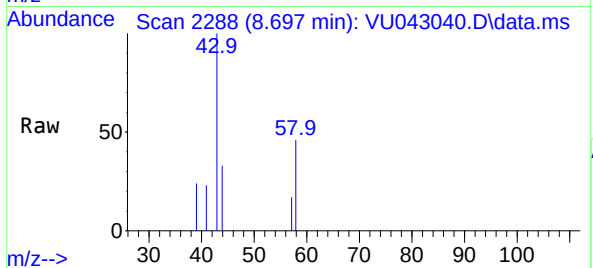




#59
2-Hexanone
Concen: 0.38 ug/l
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU043040.D
Acq: 13 Apr 2021 10:32

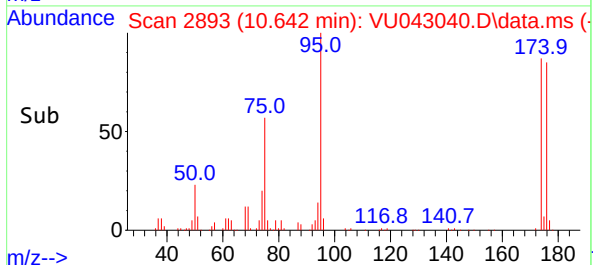
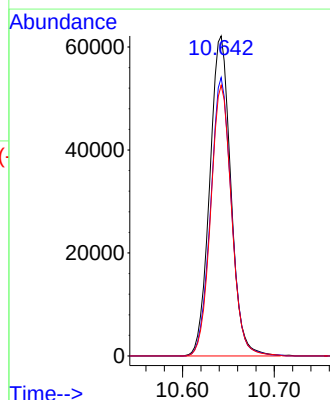
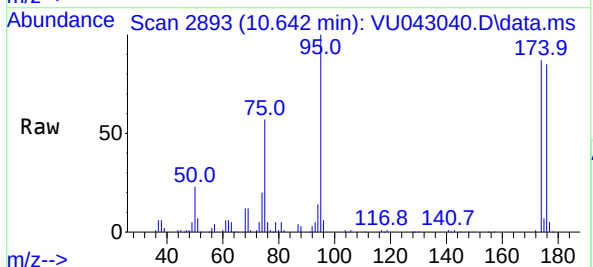
Instrument :
MSVOA_U
ClientSampled :

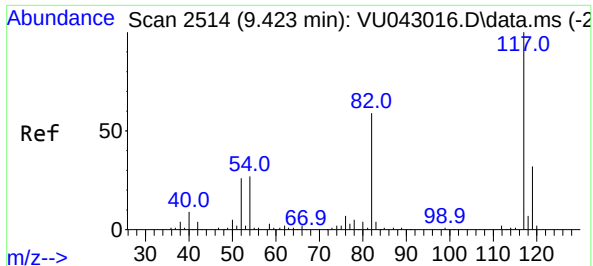
Tgt Ion: 43 Resp: 1253
Ion Ratio Lower Upper
43 100
58 41.3 24.0 72.0



#62
4-Bromofluorobenzene
Concen: 44.09 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU043040.D
Acq: 13 Apr 2021 10:32

Tgt Ion: 95 Resp: 99419
Ion Ratio Lower Upper
95 100
174 85.8 0.0 172.2
176 83.5 0.0 168.8

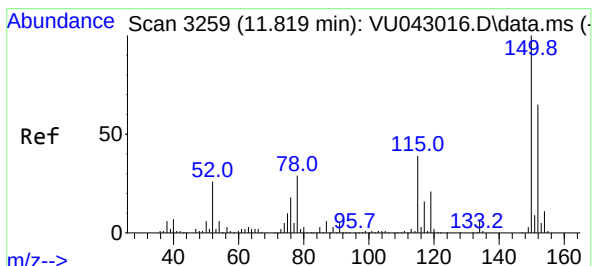
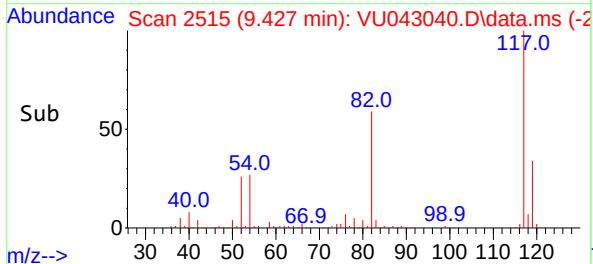
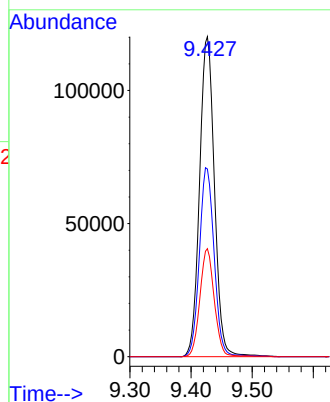
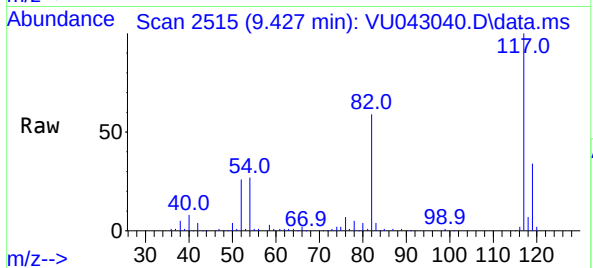




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. 0.004 min
Lab File: VU043040.D
Acq: 13 Apr 2021 10:32

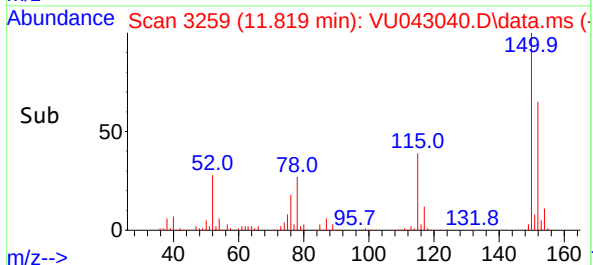
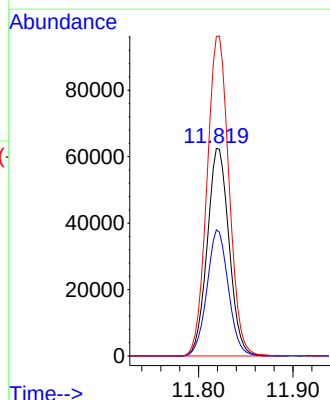
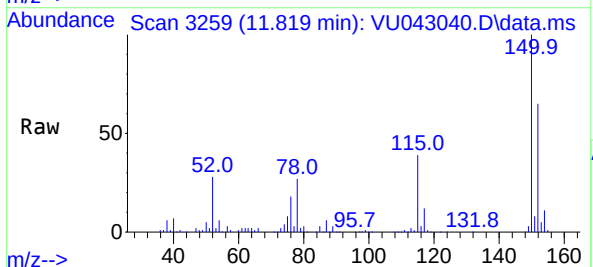
Instrument :
MSVOA_U
ClientSampled :

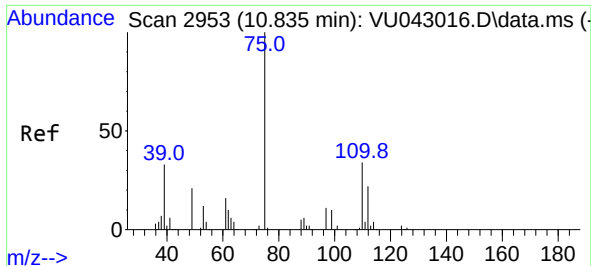
Tgt Ion:117 Resp: 203389
Ion Ratio Lower Upper
117 100
82 58.7 45.8 68.6
119 33.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043040.D
Acq: 13 Apr 2021 10:32

Tgt Ion:152 Resp: 100106
Ion Ratio Lower Upper
152 100
115 59.6 41.5 124.6
150 155.4 0.0 342.4

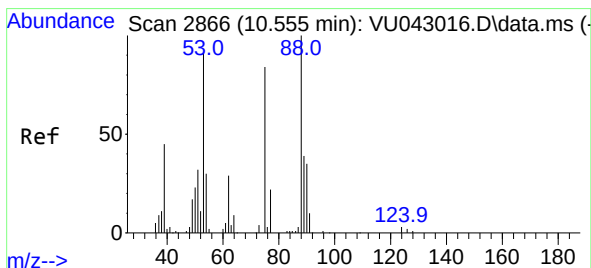
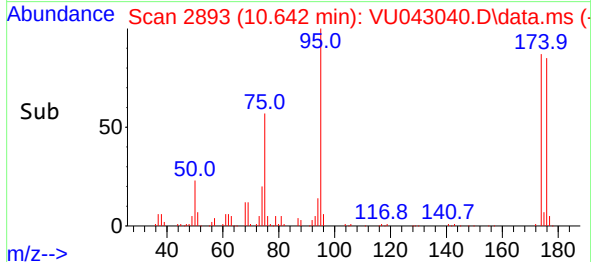
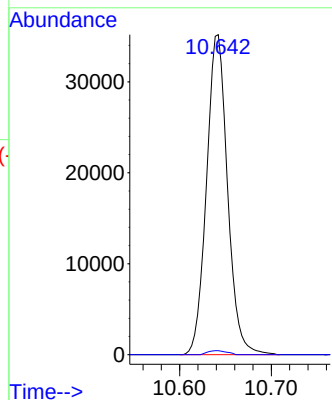
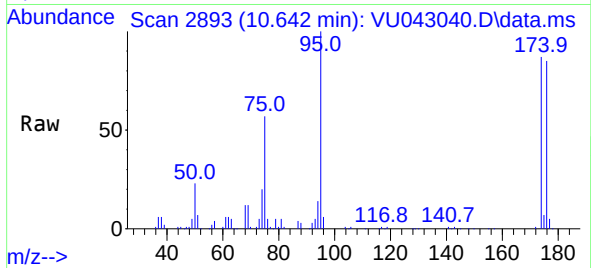




#76
1,2,3-Trichloropropane
Concen: 19.19 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. -0.193 min
Lab File: VU043040.D
Acq: 13 Apr 2021 10:32

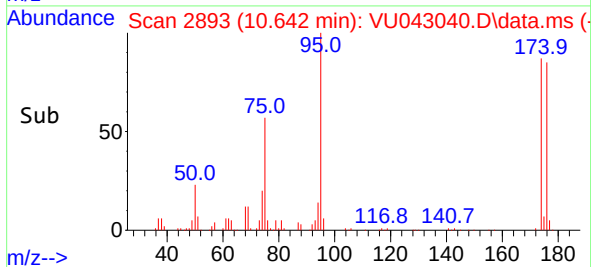
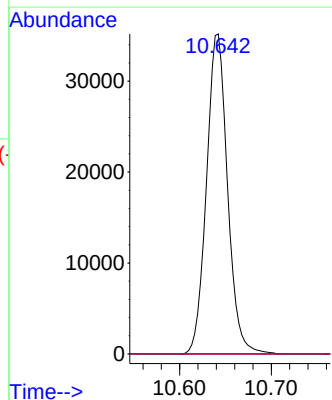
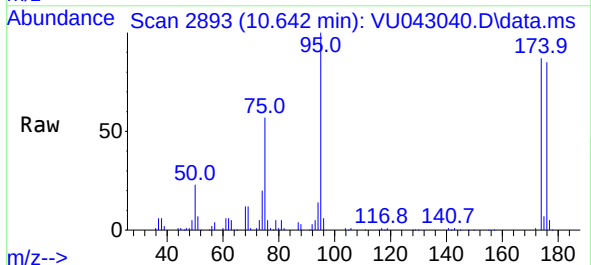
Instrument :
MSVOA_U
ClientSampled :

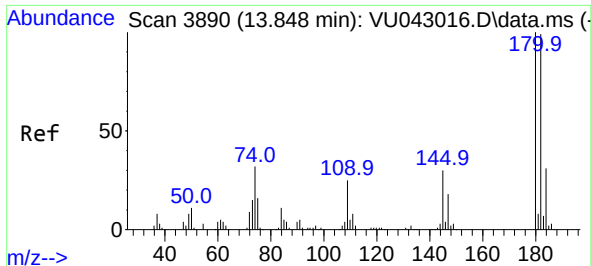
Tgt Ion: 75 Resp: 56148
Ion Ratio Lower Upper
75 100
77 1.1 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.40 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.087 min
Lab File: VU043040.D
Acq: 13 Apr 2021 10:32

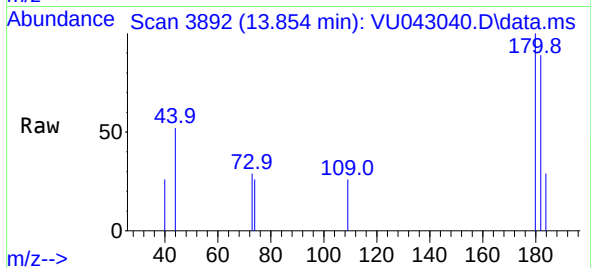
Tgt Ion: 75 Resp: 56148
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



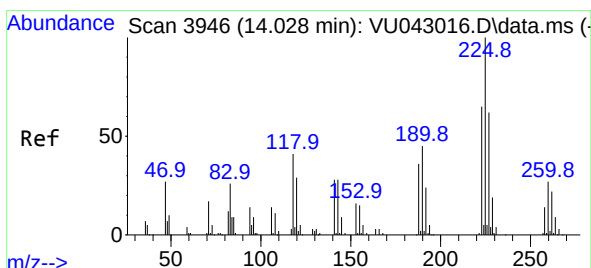
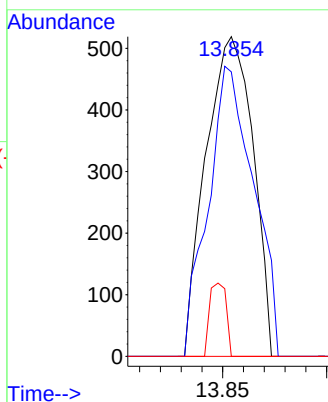
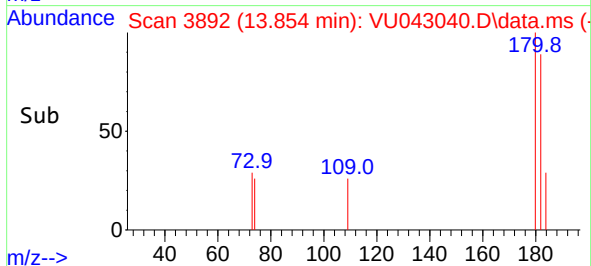


#93
1,2,4-Trichlorobenzene
Concen: 1.85 ug/l
RT: 13.854 min Scan# 3892
Delta R.T. 0.006 min
Lab File: VU043040.D
Acq: 13 Apr 2021 10:32

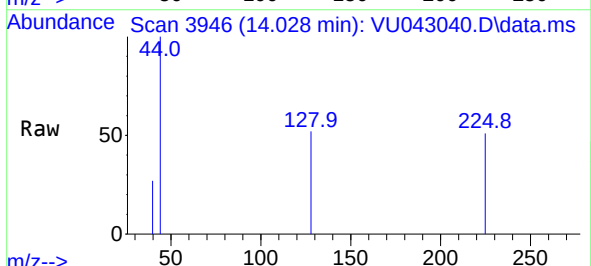
Instrument :
MSVOA_U
ClientSampled :



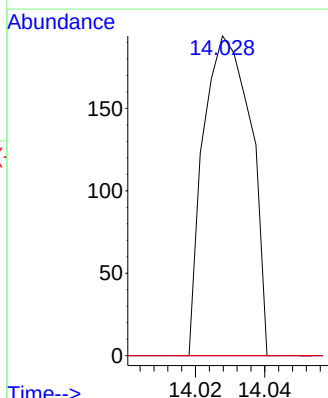
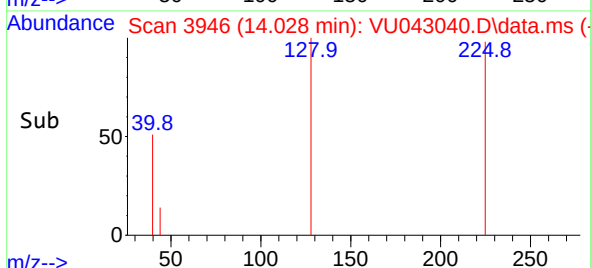
Tgt Ion:180 Resp: 819
Ion Ratio Lower Upper
180 100
182 87.7 46.9 140.8
145 8.1 14.4 43.4#

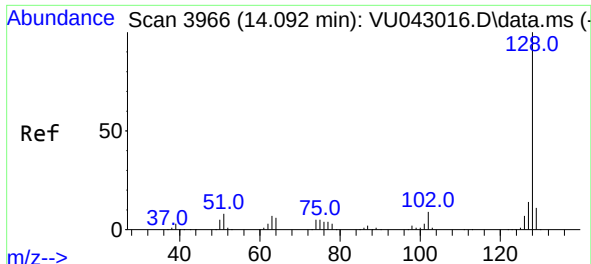


#94
Hexachlorobutadiene
Concen: Below Cal
RT: 14.028 min Scan# 3946
Delta R.T. -0.000 min
Lab File: VU043040.D
Acq: 13 Apr 2021 10:32



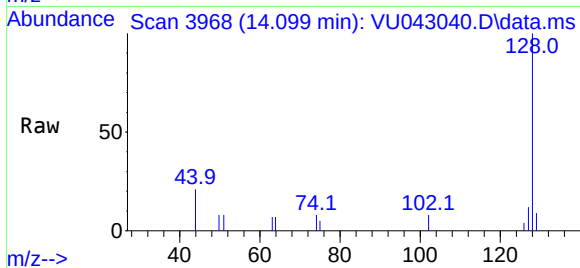
Tgt Ion:225 Resp: 184
Ion Ratio Lower Upper
225 100
223 0.0 32.3 96.9#
227 0.0 31.8 95.4#



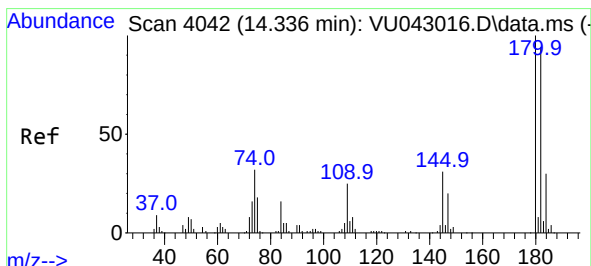
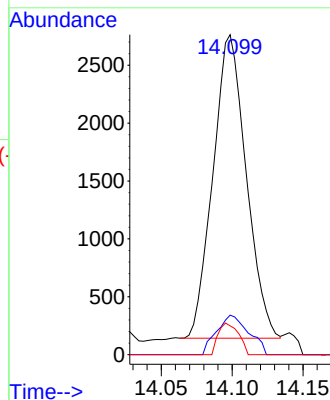
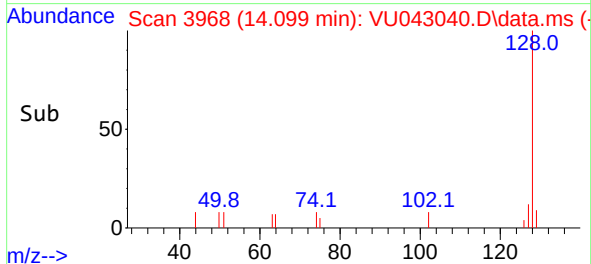


#95
Naphthalene
Concen: 3.30 ug/l
RT: 14.099 min Scan# 3968
Delta R.T. 0.007 min
Lab File: VU043040.D
Acq: 13 Apr 2021 10:32

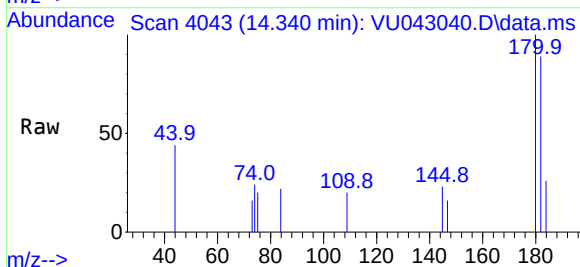
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:128 Resp: 4270
Ion Ratio Lower Upper
128 100
127 12.6 10.8 16.2
129 6.4 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.95 ug/l
RT: 14.340 min Scan# 4043
Delta R.T. 0.004 min
Lab File: VU043040.D
Acq: 13 Apr 2021 10:32



Tgt Ion:180 Resp: 1134
Ion Ratio Lower Upper
180 100
182 90.8 48.0 144.0
145 21.3 15.5 46.5

