

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041421\
 Data File : VU043104.D
 Acq On : 14 Apr 2021 18:59
 Operator : SY/MD
 Sample : M2002-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 15 02:09:21 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)

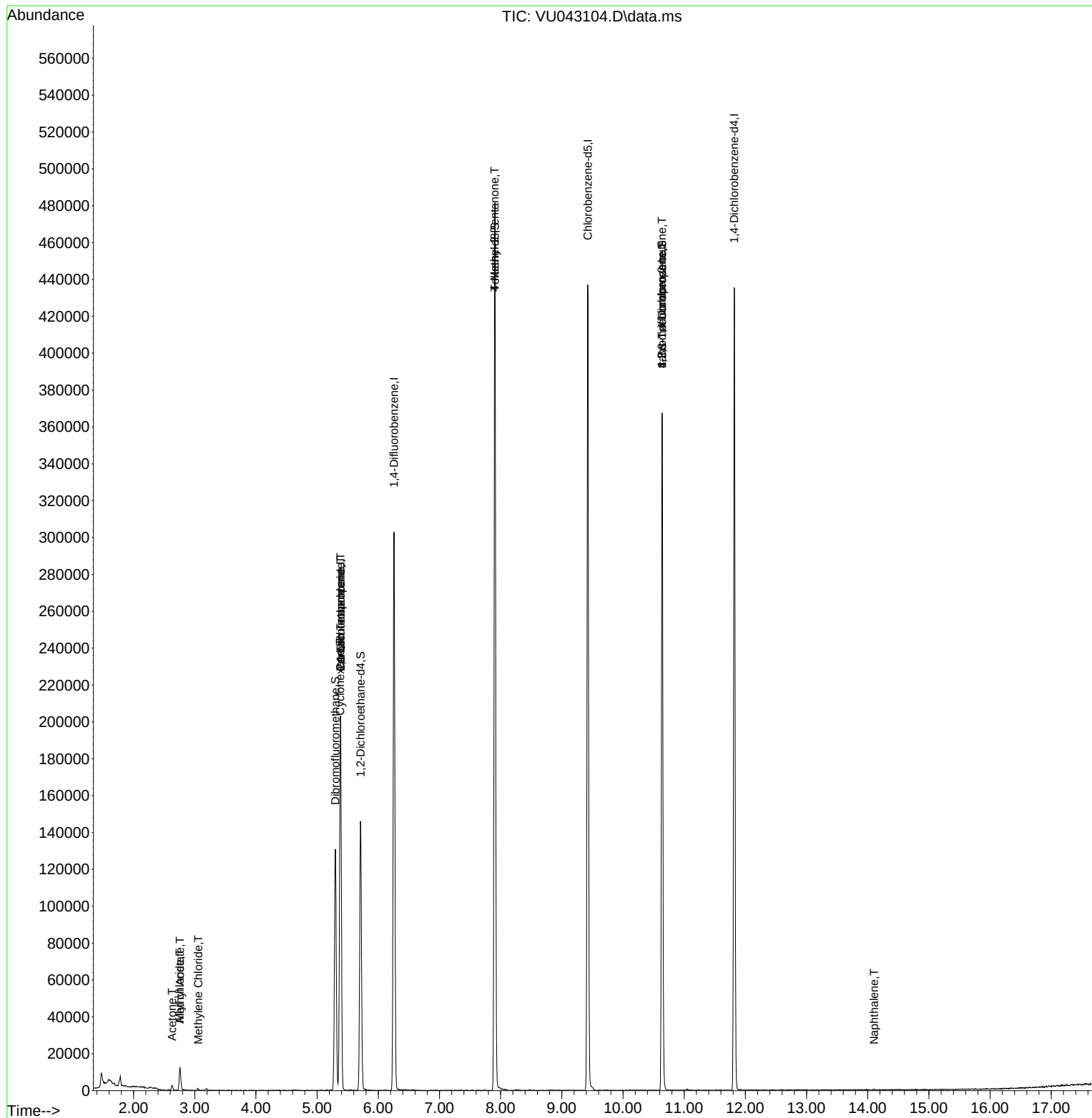
Internal Standards						
1) Pentafluorobenzene	5.382	168	140759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	228136	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	221215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	105930	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	112232	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.86%	
35) Dibromofluoromethane	5.298	113	78443	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
50) Toluene-d8	7.906	98	294747	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	10.639	95	107995	44.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.92%	
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	418	Below Cal		97
14) Allyl chloride	2.755	41	1284	0.40 ug/l #		65
16) Acetone	2.629	43	3105	1.93 ug/l		93
18) Methyl Acetate	2.758	43	3801	1.29 ug/l #		55
20) Methylene Chloride	3.060	84	366	0.22 ug/l #		64
31) Cyclohexane	5.375	56	3433	1.18 ug/l #		40
36) 1,1-Dichloropropene	5.382	75	11609	4.80 ug/l #		50
38) Carbon Tetrachloride	5.382	117	13446	5.18 ug/l #		16
51) 4-Methyl-2-Pentanone	7.903	43	1546	0.35 ug/l #		1
76) 1,2,3-Trichloropropane	10.639	75	62583	20.22 ug/l #		36
81) trans-1,4-Dichloro-2-b...	10.639	75	62583	59.41 ug/l #		7
95) Naphthalene	14.105	128	259	2.77 ug/l #		69

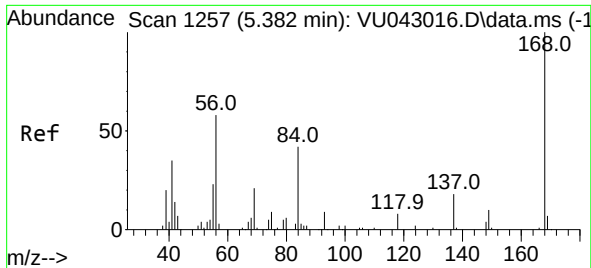
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041421\
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Quant Time: Apr 15 02:09:21 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

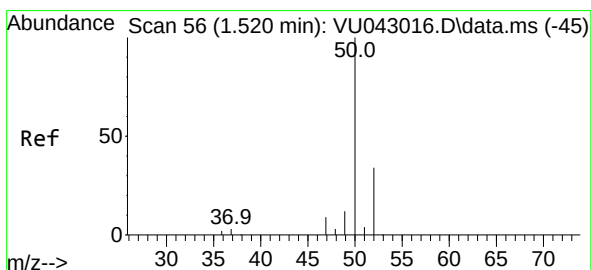
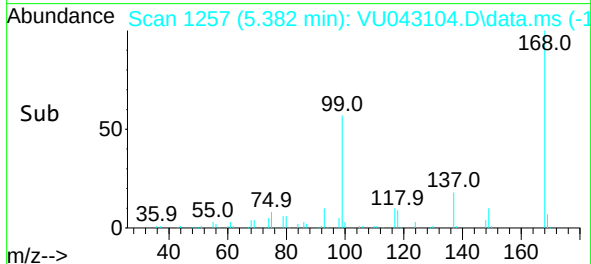
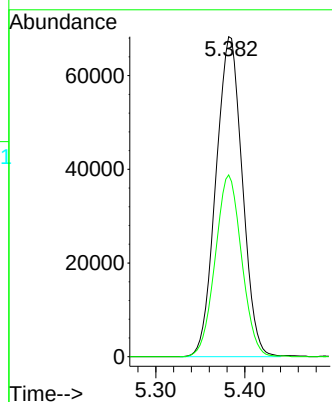
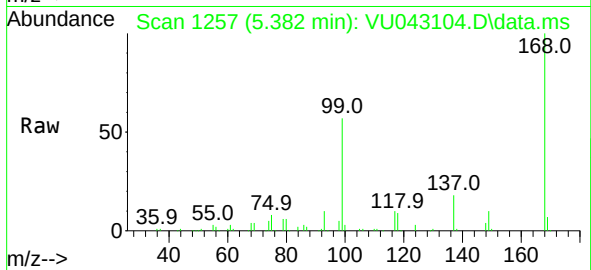




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043104.D
Acq: 14 Apr 2021 18:59

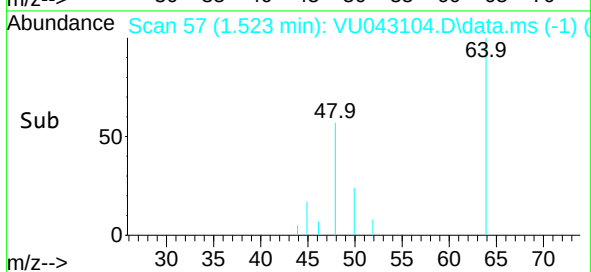
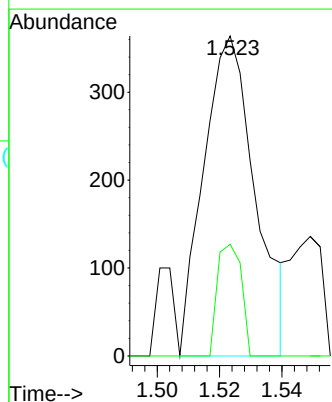
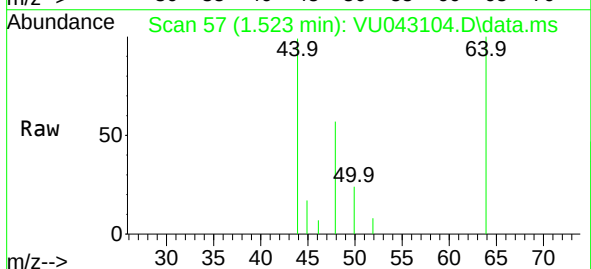
Instrument :
MSVOA_U
ClientSampled :

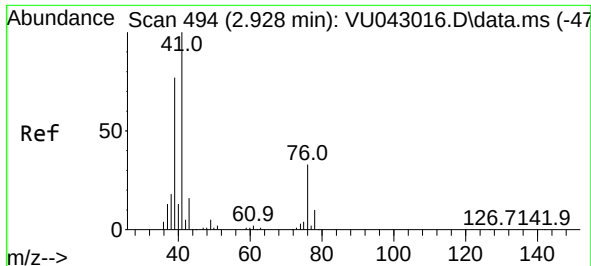
Tgt Ion:168 Resp: 140759
Ion Ratio Lower Upper
168 100
99 56.8 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043104.D
Acq: 14 Apr 2021 18:59

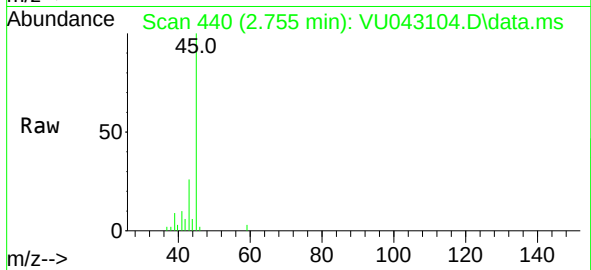
Tgt Ion: 50 Resp: 418
Ion Ratio Lower Upper
50 100
52 34.9 26.6 40.0



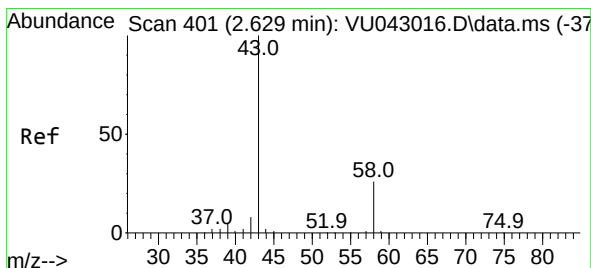
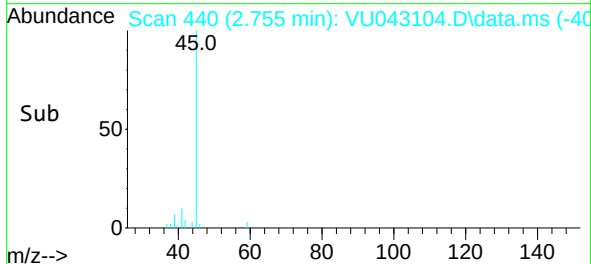
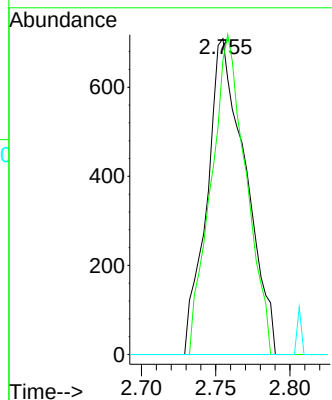


#14
 Allyl chloride
 Concen: 0.40 ug/l
 RT: 2.755 min Scan# 440
 Delta R.T. -0.173 min
 Lab File: VU043104.D
 Acq: 14 Apr 2021 18:59

Instrument :
 MSVOA_U
 ClientSampled :

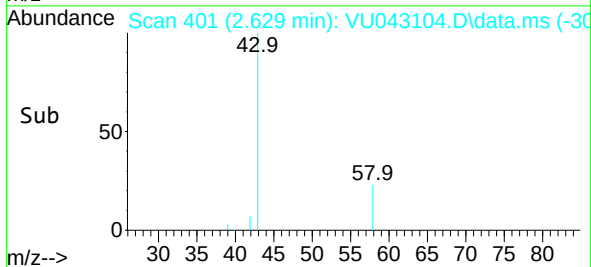
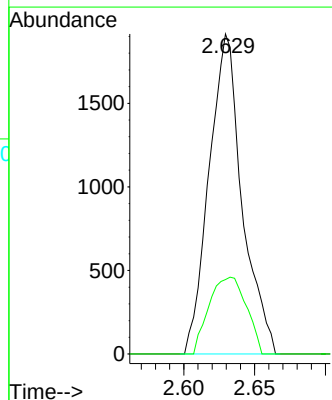
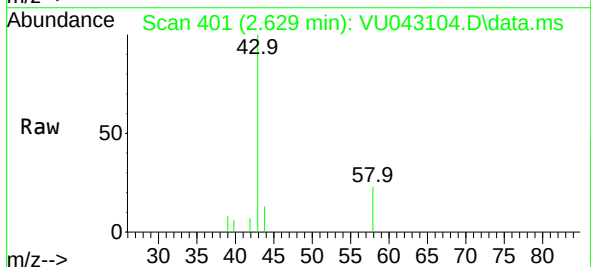


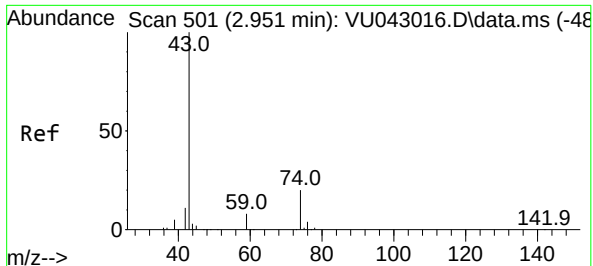
Tgt Ion: 41 Resp: 1284
 Ion Ratio Lower Upper
 41 100
 39 91.3 54.9 82.3#
 76 0.0 22.5 33.7#



#16
 Acetone
 Concen: 1.93 ug/l
 RT: 2.629 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU043104.D
 Acq: 14 Apr 2021 18:59

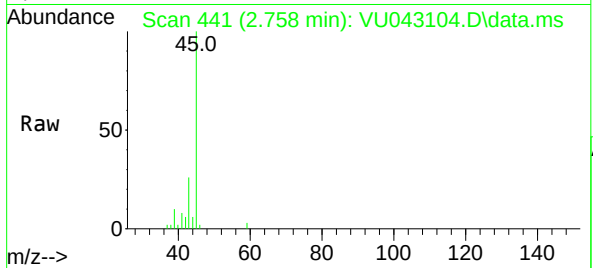
Tgt Ion: 43 Resp: 3105
 Ion Ratio Lower Upper
 43 100
 58 23.3 21.5 32.3



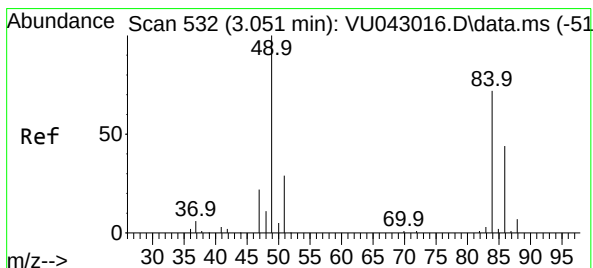
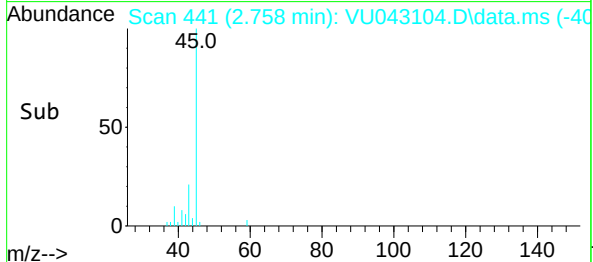
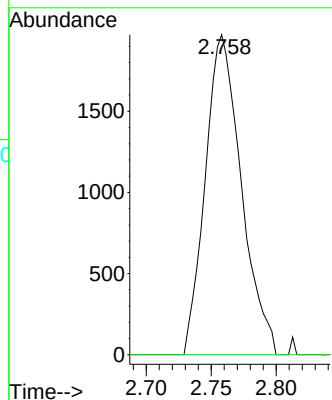


#18
Methyl Acetate
Concen: 1.29 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.193 min
Lab File: VU043104.D
Acq: 14 Apr 2021 18:59

Instrument :
MSVOA_U
ClientSampleId :

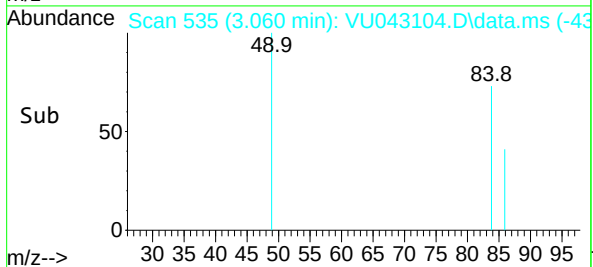
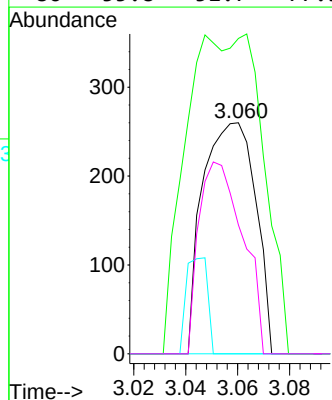
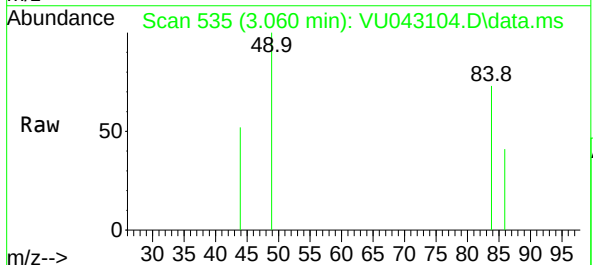


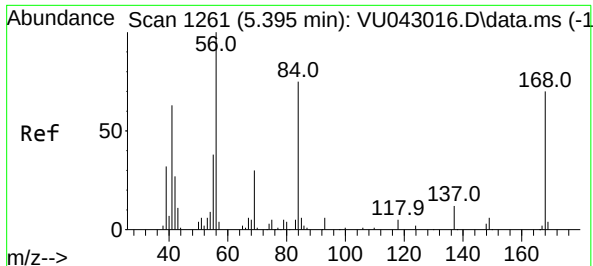
Tgt Ion: 43 Resp: 3801
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 3.060 min Scan# 535
Delta R.T. 0.009 min
Lab File: VU043104.D
Acq: 14 Apr 2021 18:59

Tgt Ion: 84 Resp: 366
Ion Ratio Lower Upper
84 100
49 93.8 112.6 169.0#
51 0.0 33.7 50.5#
86 55.8 51.7 77.5

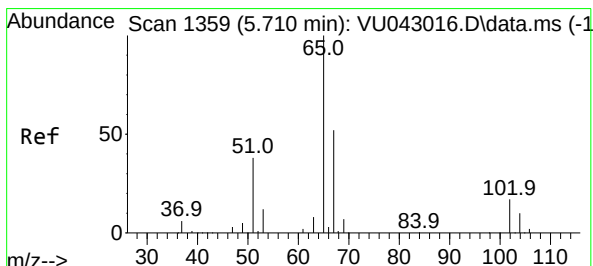
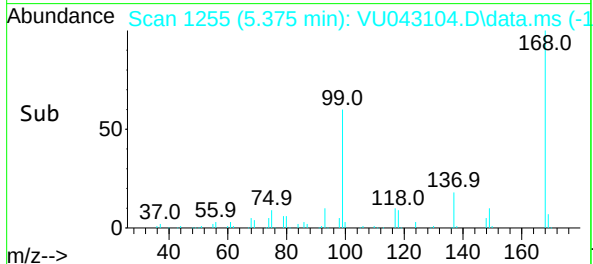
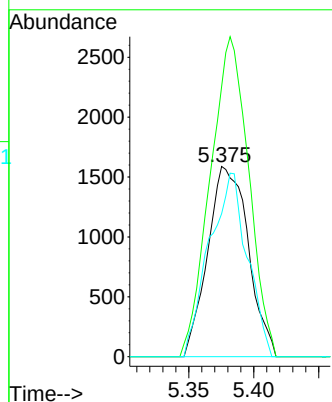
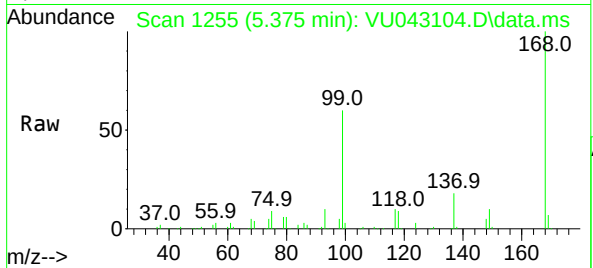




#31
Cyclohexane
Concen: 1.18 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.020 min
Lab File: VU043104.D
Acq: 14 Apr 2021 18:59

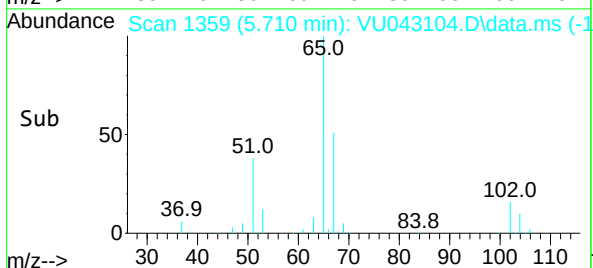
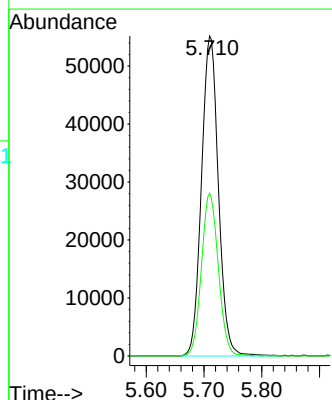
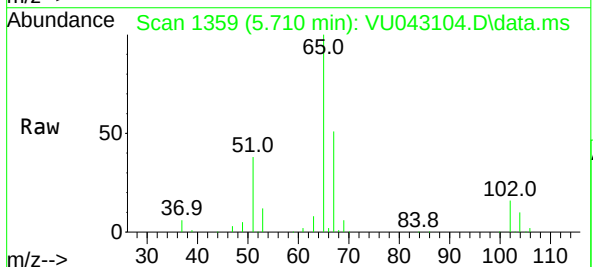
Instrument :
MSVOA_U
ClientSampled :

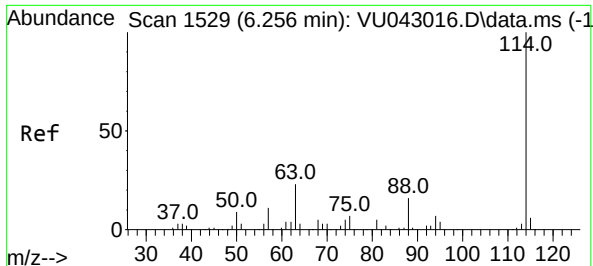
Tgt Ion: 56 Resp: 3433
Ion Ratio Lower Upper
56 100
69 142.1 24.9 37.3#
84 75.2 63.7 95.5



#33
1,2-Dichloroethane-d4
Concen: 47.43 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043104.D
Acq: 14 Apr 2021 18:59

Tgt Ion: 65 Resp: 112232
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.8

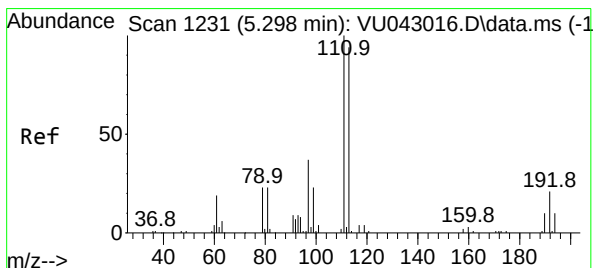
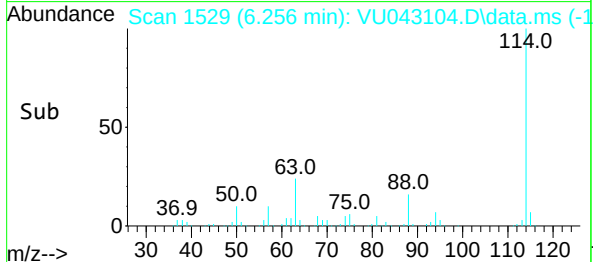
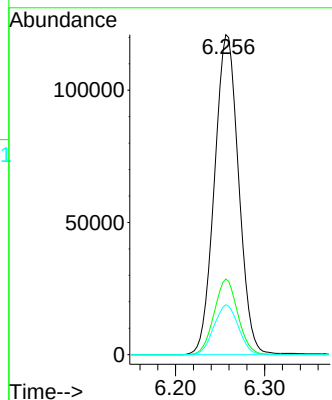
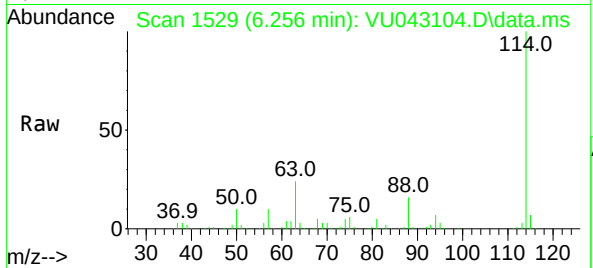




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043104.D
Acq: 14 Apr 2021 18:59

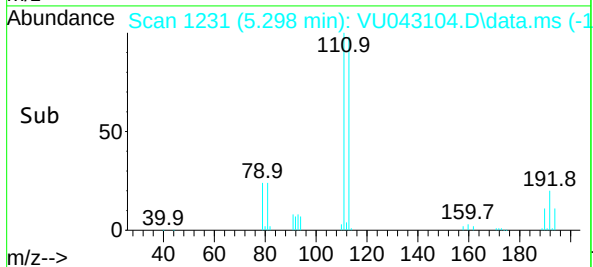
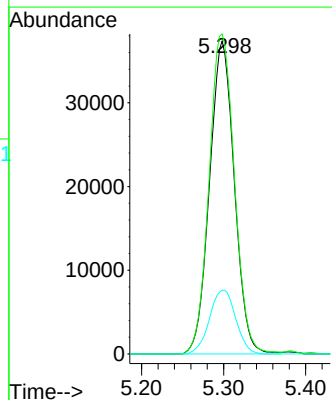
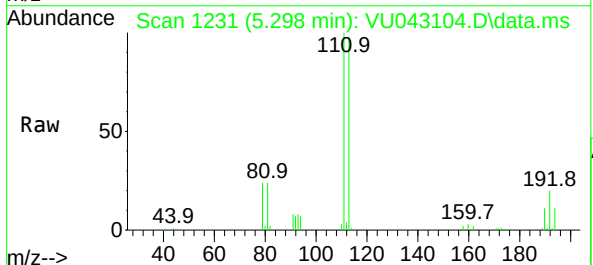
Instrument :
MSVOA_U
ClientSampled :

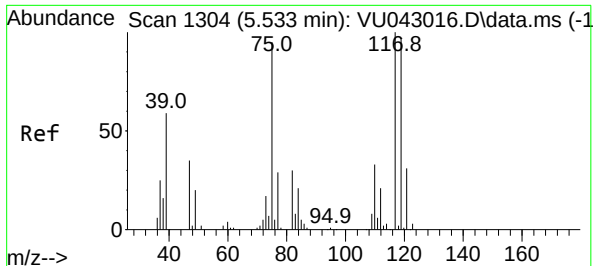
Tgt Ion:114 Resp: 228136
Ion Ratio Lower Upper
114 100
63 23.6 0.0 44.2
88 15.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.76 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043104.D
Acq: 14 Apr 2021 18:59

Tgt Ion:113 Resp: 78443
Ion Ratio Lower Upper
113 100
111 104.9 81.8 122.8
192 21.6 17.2 25.8

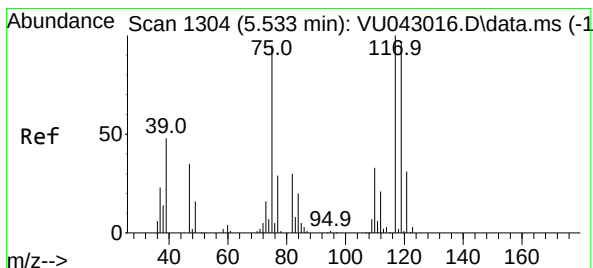
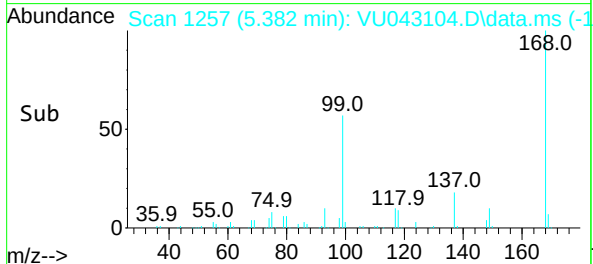
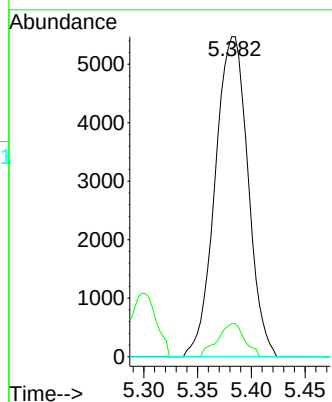
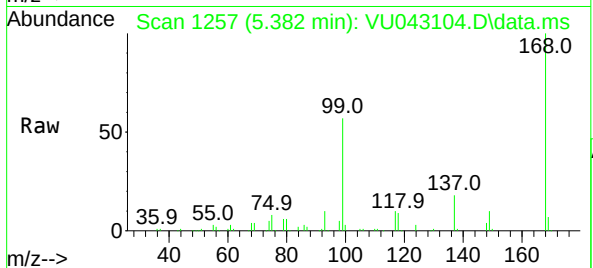




#36
1,1-Dichloropropene
Concen: 4.80 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043104.D
Acq: 14 Apr 2021 18:59

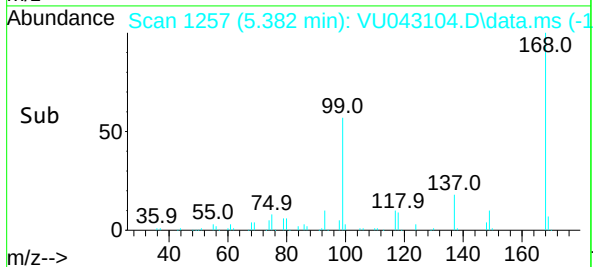
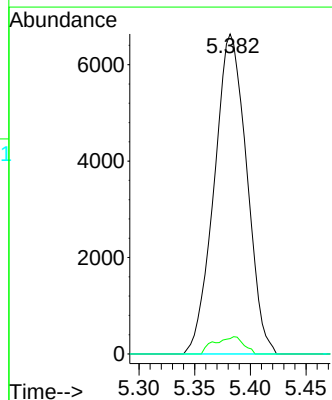
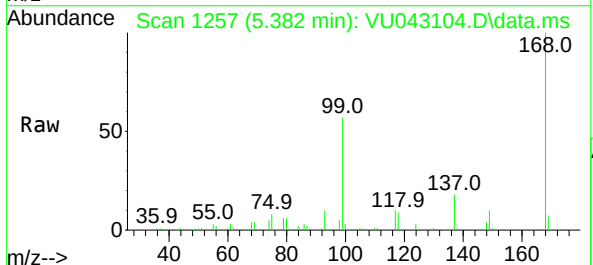
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MSVOA_U
ClientSampled :

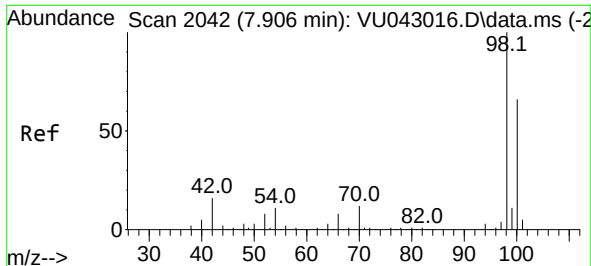
Tgt Ion: 75 Resp: 11609
Ion Ratio Lower Upper
75 100
110 8.5 16.8 50.3#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.18 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043104.D
Acq: 14 Apr 2021 18:59

Tgt Ion: 117 Resp: 13446
Ion Ratio Lower Upper
117 100
119 4.8 75.5 113.3#
121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 48.59 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU043104.D

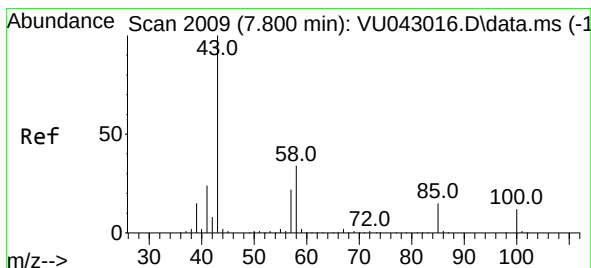
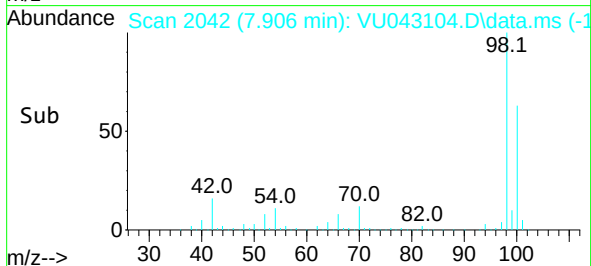
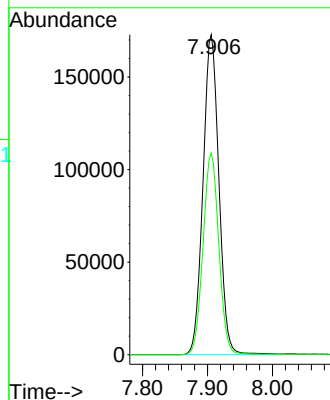
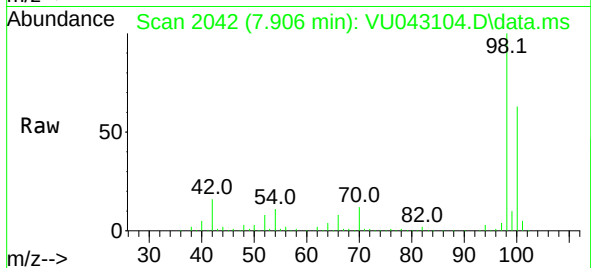
Acq: 14 Apr 2021 18:59

Tgt Ion: 98 Resp: 294747

Ion Ratio Lower Upper

98 100

100 62.4 50.2 75.2



#51

4-Methyl-2-Pentanone

Concen: 0.35 ug/l

RT: 7.903 min Scan# 2041

Delta R.T. 0.103 min

Lab File: VU043104.D

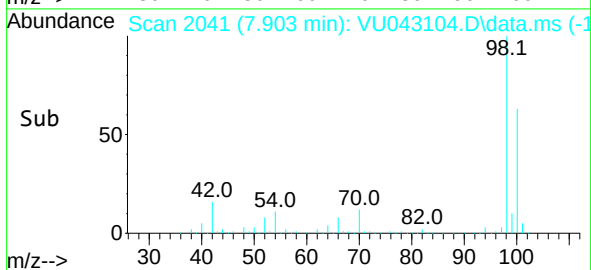
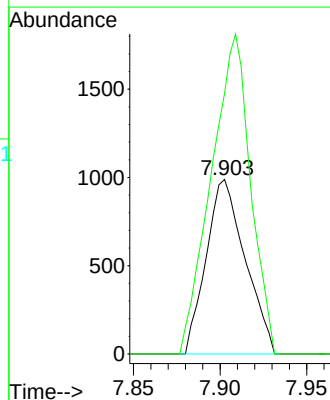
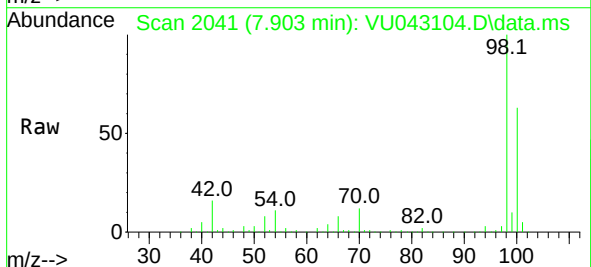
Acq: 14 Apr 2021 18:59

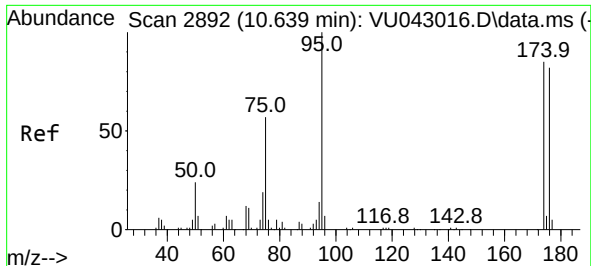
Tgt Ion: 43 Resp: 1546

Ion Ratio Lower Upper

43 100

58 184.9 28.1 42.1#

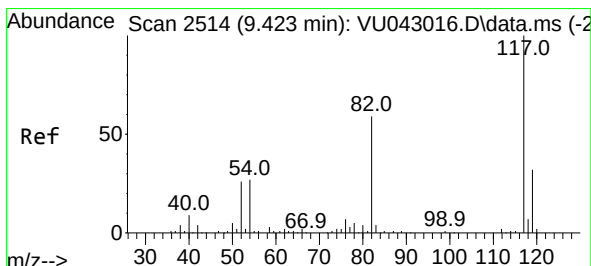
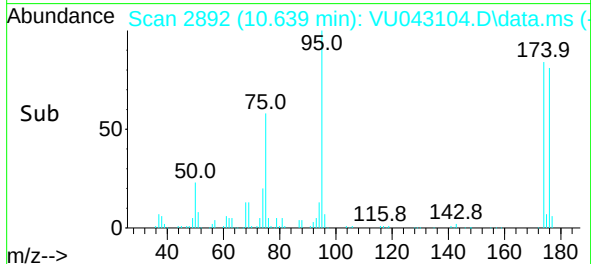
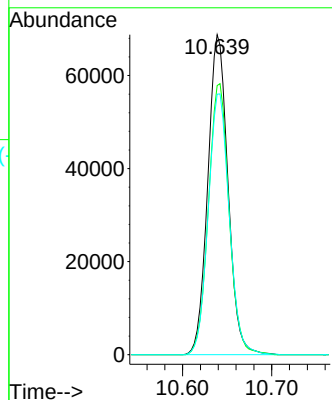
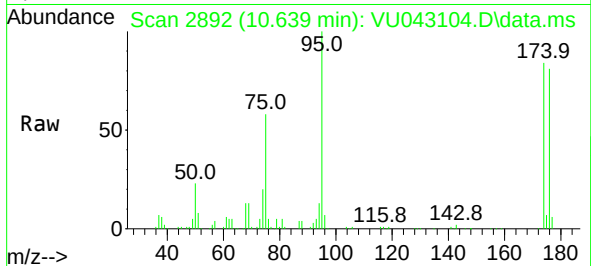




#62
4-Bromofluorobenzene
Concen: 44.46 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043104.D
Acq: 14 Apr 2021 18:59

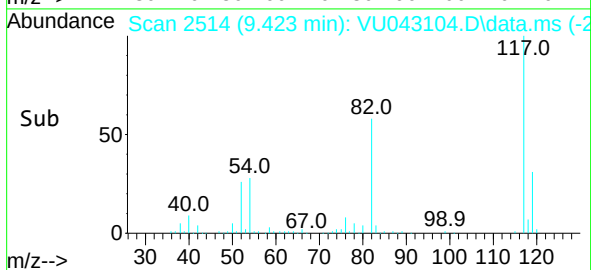
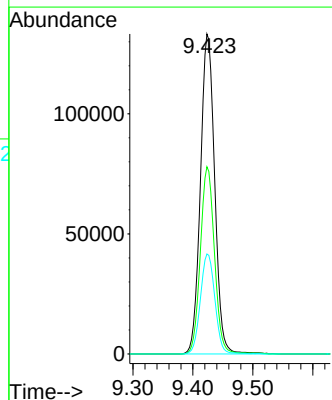
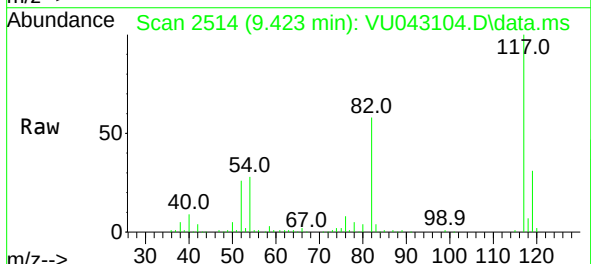
Instrument :
MSVOA_U
ClientSampleId :

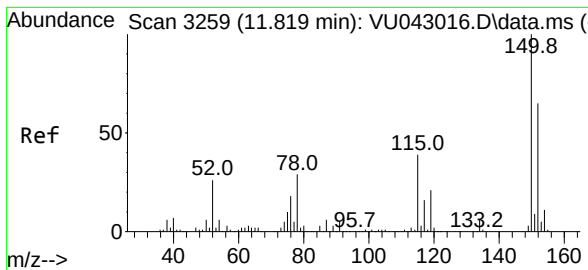
Tgt Ion: 95 Resp: 107995
Ion Ratio Lower Upper
95 100
174 86.5 0.0 172.2
176 84.8 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043104.D
Acq: 14 Apr 2021 18:59

Tgt Ion: 117 Resp: 221215
Ion Ratio Lower Upper
117 100
82 58.5 45.8 68.6
119 31.3 25.8 38.8

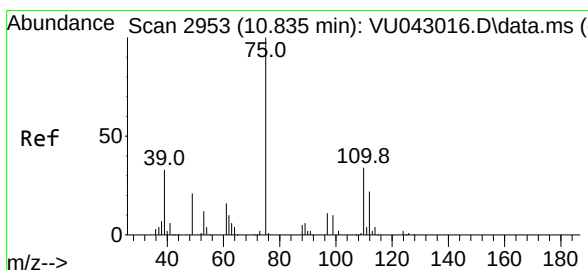
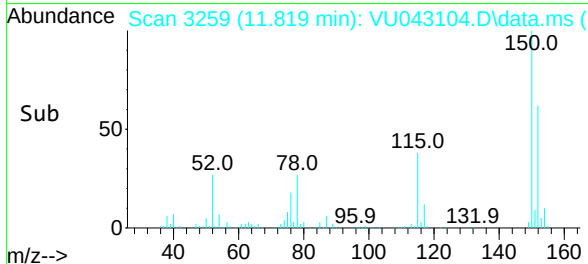
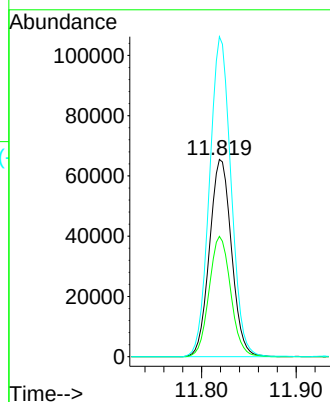
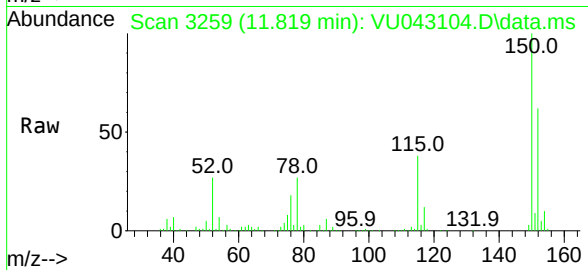




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043104.D
 Acq: 14 Apr 2021 18:59

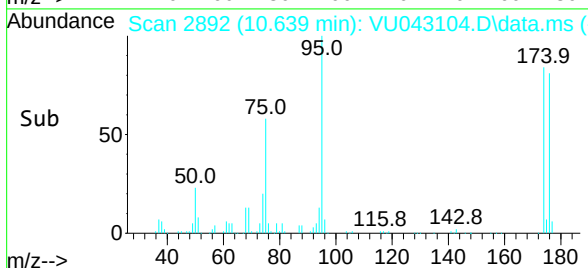
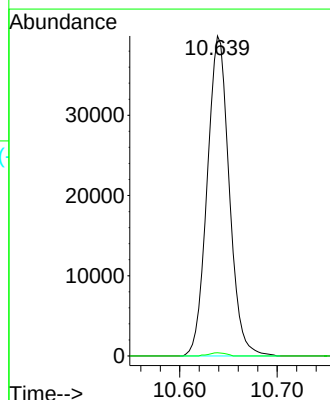
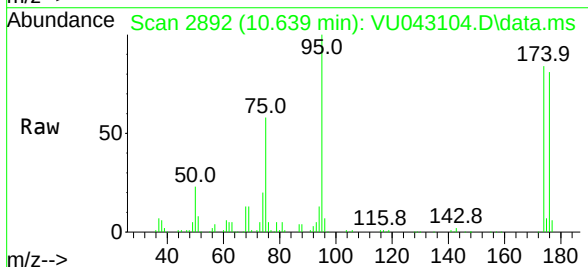
Instrument :
 MSVOA_U
 ClientSampled :

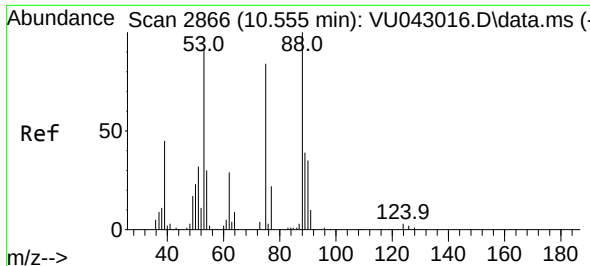
Tgt Ion:152 Resp: 105930
 Ion Ratio Lower Upper
 152 100
 115 59.7 41.5 124.6
 150 159.1 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 20.22 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043104.D
 Acq: 14 Apr 2021 18:59

Tgt Ion: 75 Resp: 62583
 Ion Ratio Lower Upper
 75 100
 77 0.8 20.2 60.5#

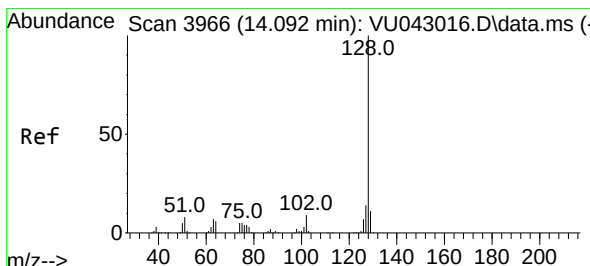
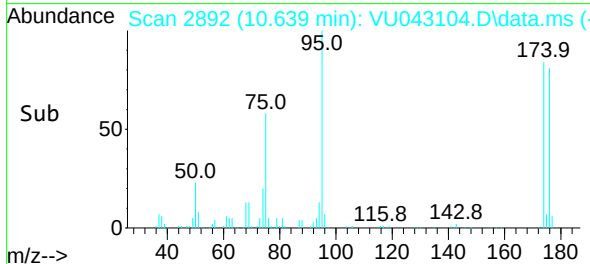
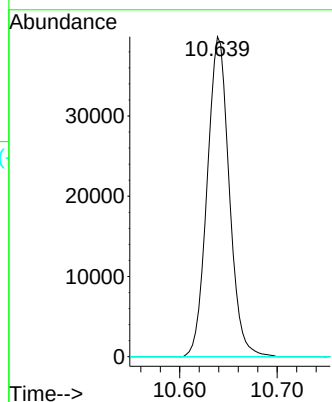
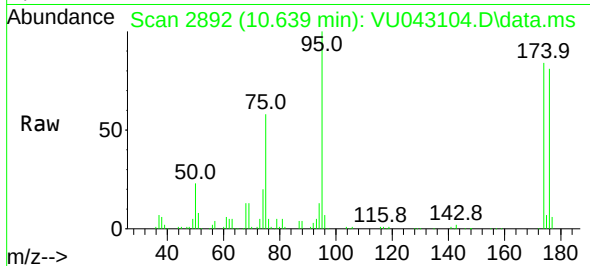




#81
trans-1,4-Dichloro-2-butene
Concen: 59.41 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043104.D
Acq: 14 Apr 2021 18:59

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 62583
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.77 ug/l
RT: 14.105 min Scan# 3970
Delta R.T. 0.013 min
Lab File: VU043104.D
Acq: 14 Apr 2021 18:59

Tgt Ion:128 Resp: 259
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

