

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043357.D
 Acq On : 27 Apr 2021 20:32
 Operator : SY/MD
 Sample : VU0428WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 28 09:11:10 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)

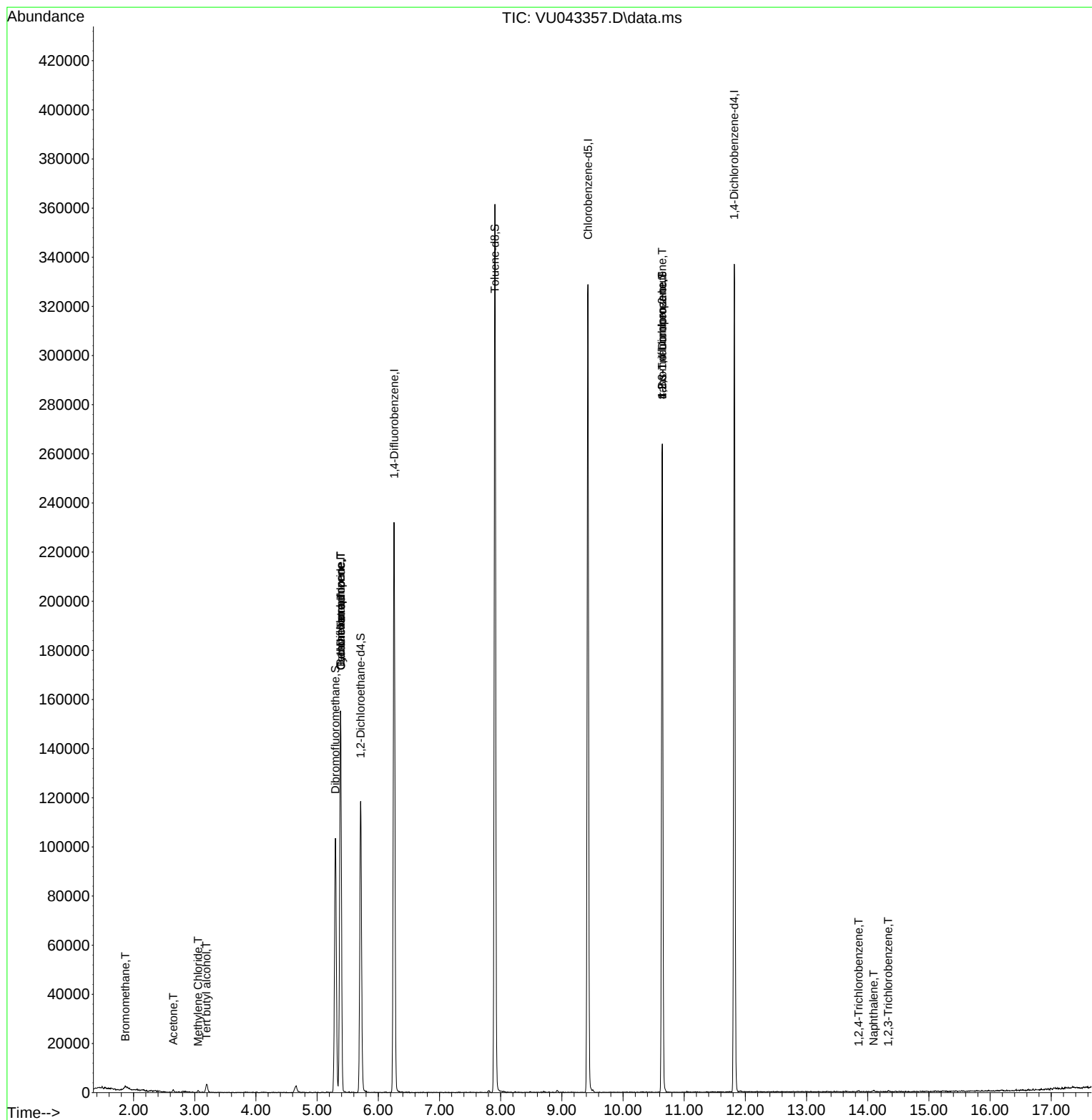
Internal Standards						
1) Pentafluorobenzene	5.382	168	104203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	173148	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	167255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	82796	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	92146	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
35) Dibromofluoromethane	5.298	113	63497	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
50) Toluene-d8	7.906	98	219864	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
62) 4-Bromofluorobenzene	10.642	95	78938	42.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.64%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	363	Below Cal	#	75
5) Bromomethane	1.864	94	131	0.21 ug/l	#	2
11) Tert butyl alcohol	3.192	59	2461	5.45 ug/l	#	94
16) Acetone	2.649	43	833	0.51 ug/l	#	92
20) Methylene Chloride	3.054	84	314	0.25 ug/l	#	48
31) Cyclohexane	5.385	56	2596	1.20 ug/l	#	19
36) 1,1-Dichloropropene	5.382	75	8635	4.70 ug/l	#	51
38) Carbon Tetrachloride	5.385	117	10665	5.42 ug/l	#	16
76) 1,2,3-Trichloropropane	10.642	75	45109	18.64 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	10.642	75	45109	54.78 ug/l	#	7
93) 1,2,4-Trichlorobenzene	13.851	180	138	1.58 ug/l	#	49
95) Naphthalene	14.098	128	838	2.87 ug/l	#	69
96) 1,2,3-Trichlorobenzene	14.336	180	117	1.52 ug/l	#	28

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

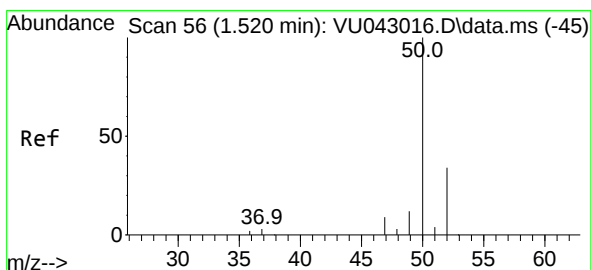
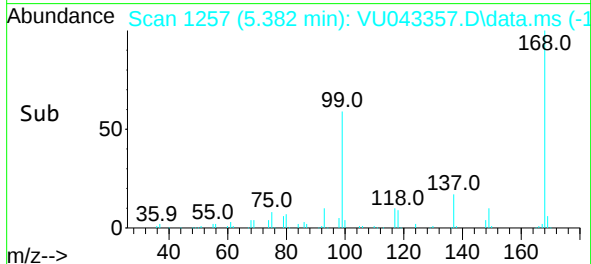
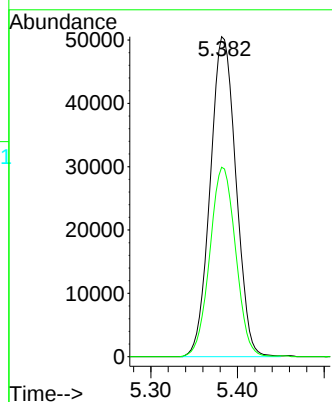
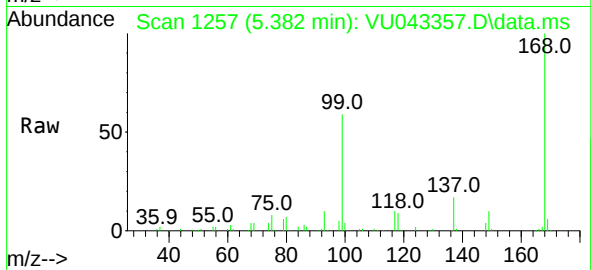




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043357.D
Acq: 27 Apr 2021 20:32

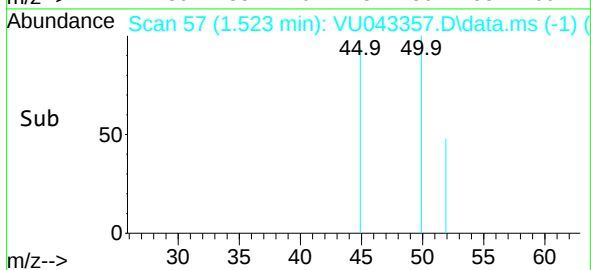
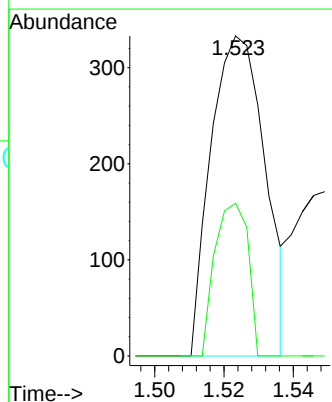
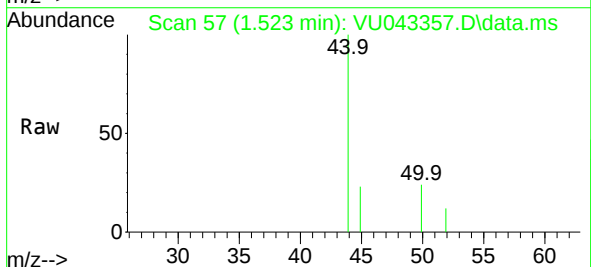
Instrument :
MSVOA_U
ClientSampleId :

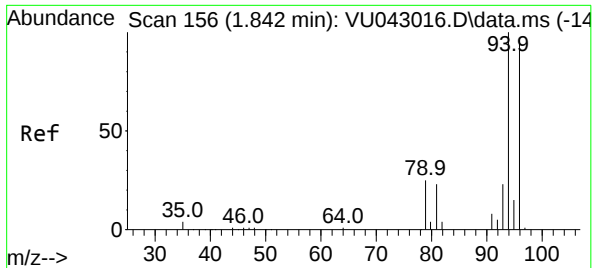
Tgt Ion:168 Resp: 104203
Ion Ratio Lower Upper
168 100
99 59.2 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043357.D
Acq: 27 Apr 2021 20:32

Tgt Ion: 50 Resp: 363
Ion Ratio Lower Upper
50 100
52 47.7 26.6 40.0#

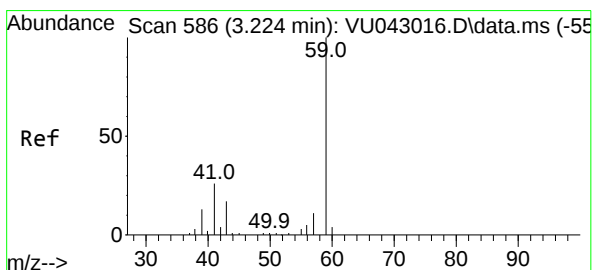
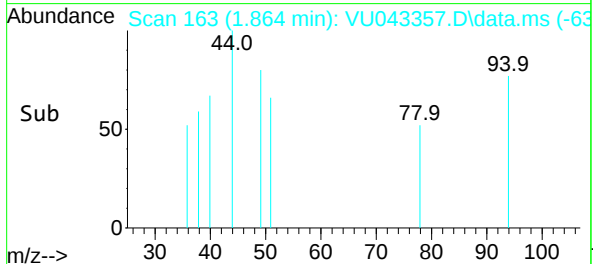
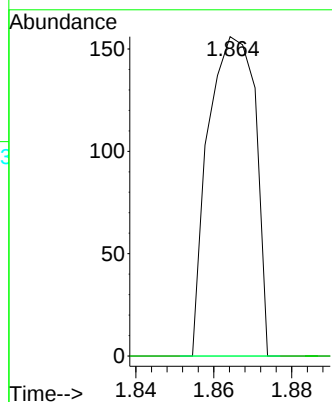
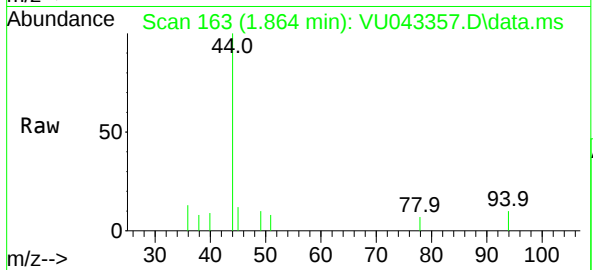




#5
Bromomethane
Concen: 0.21 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.022 min
Lab File: VU043357.D
Acq: 27 Apr 2021 20:32

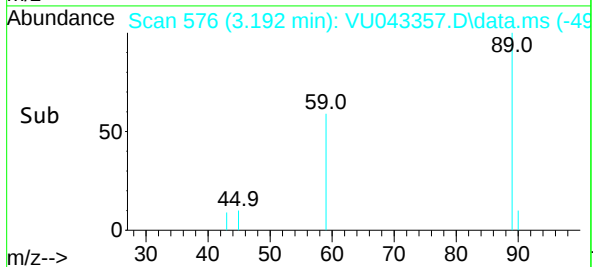
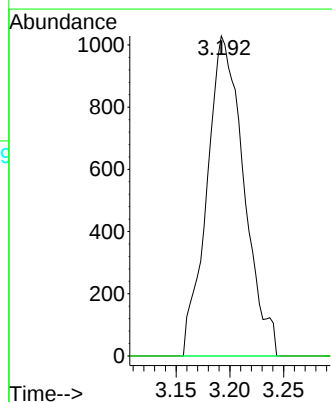
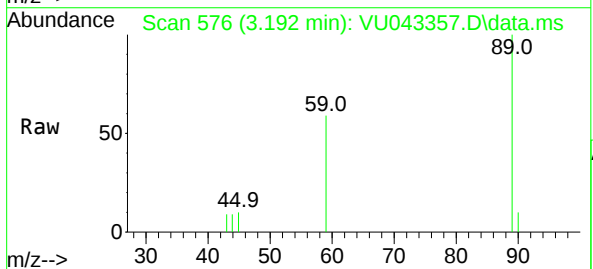
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 94 Resp: 131
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#



#11
Tert butyl alcohol
Concen: 5.45 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.032 min
Lab File: VU043357.D
Acq: 27 Apr 2021 20:32

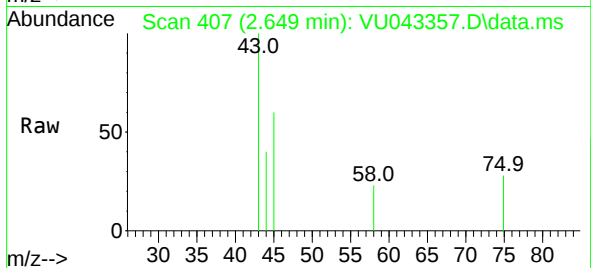
Tgt Ion: 59 Resp: 2461
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



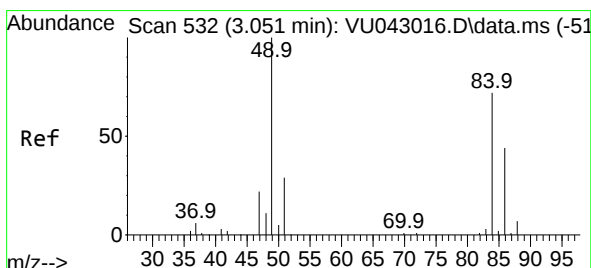
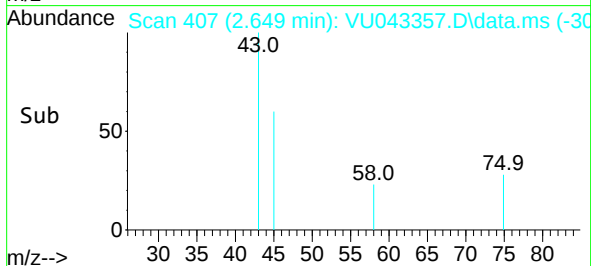
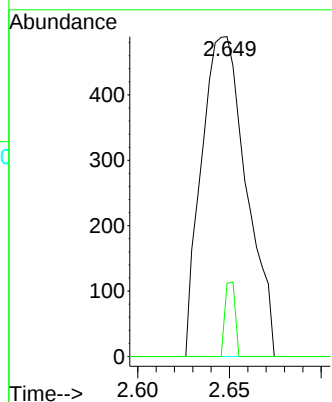


#16
Acetone
Concen: 0.51 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.020 min
Lab File: VU043357.D
Acq: 27 Apr 2021 20:32

Instrument :
MSVOA_U
ClientSampled :

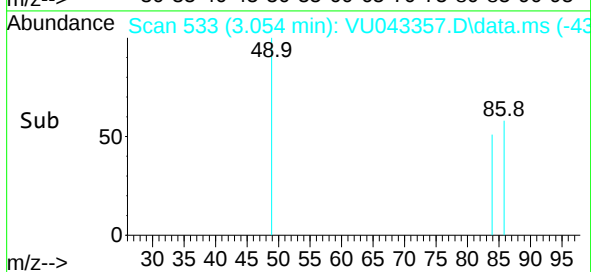
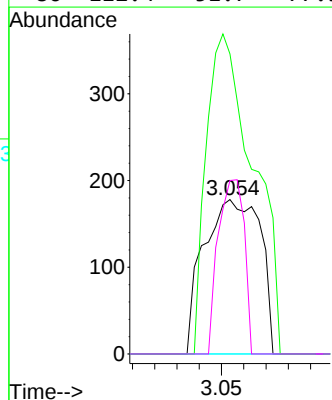
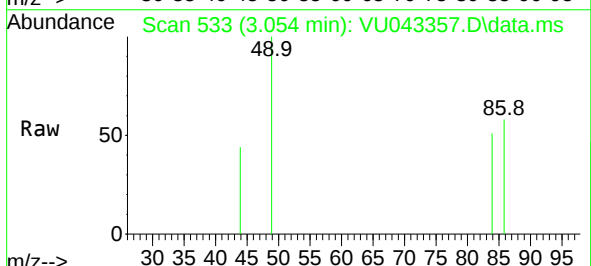


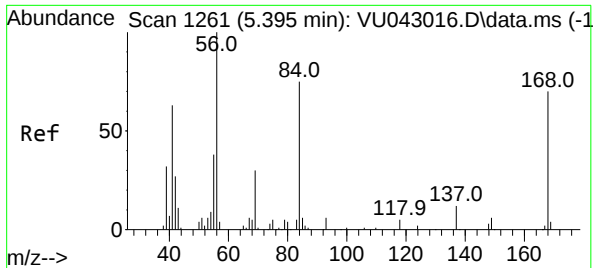
Tgt Ion: 43 Resp: 833
Ion Ratio Lower Upper
43 100
58 22.9 21.5 32.3



#20
Methylene Chloride
Concen: 0.25 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU043357.D
Acq: 27 Apr 2021 20:32

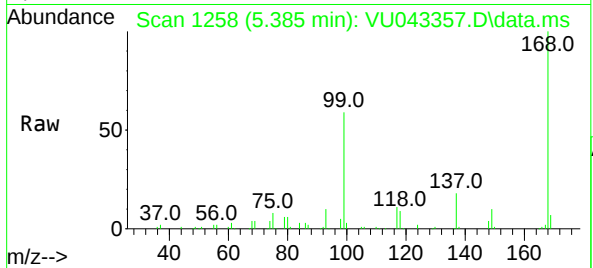
Tgt Ion: 84 Resp: 314
Ion Ratio Lower Upper
84 100
49 194.4 112.6 169.0#
51 0.0 33.7 50.5#
86 112.4 51.7 77.5#



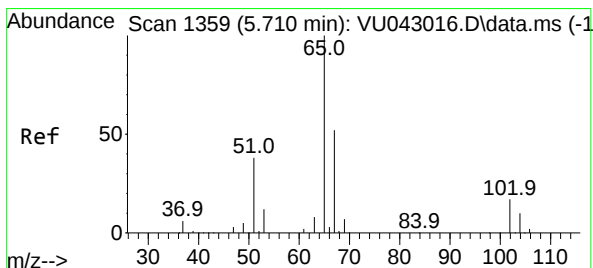
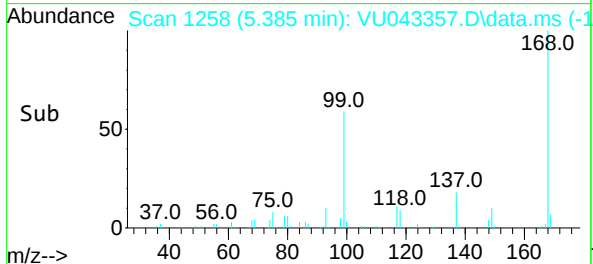
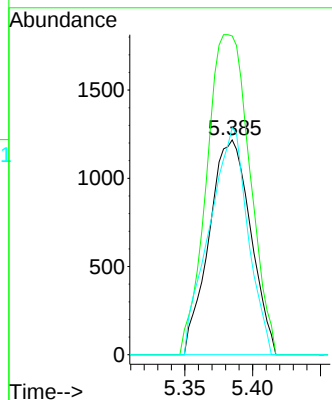


#31
Cyclohexane
Concen: 1.20 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.010 min
Lab File: VU043357.D
Acq: 27 Apr 2021 20:32

Instrument :
MSVOA_U
ClientSampleId :

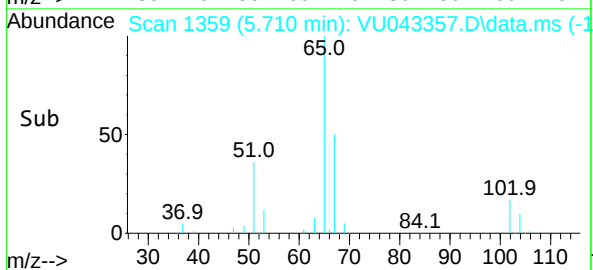
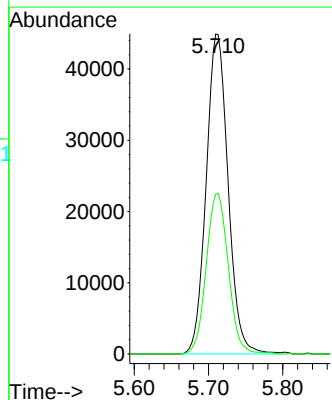
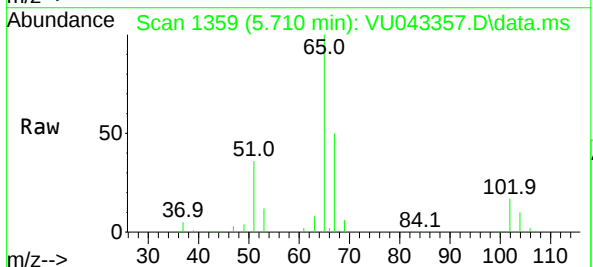


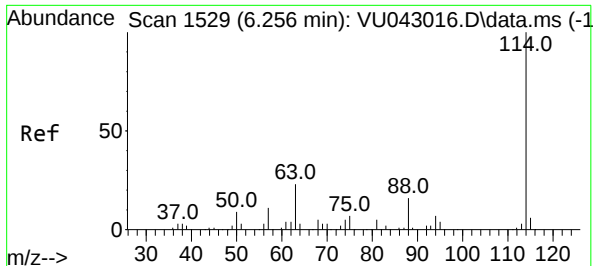
Tgt Ion: 56 Resp: 2596
Ion Ratio Lower Upper
56 100
69 148.5 24.9 37.3#
84 105.7 63.7 95.5#



#33
1,2-Dichloroethane-d4
Concen: 52.60 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043357.D
Acq: 27 Apr 2021 20:32

Tgt Ion: 65 Resp: 92146
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.259 min Scan# 1530

Delta R.T. 0.003 min

Lab File: VU043357.D

Acq: 27 Apr 2021 20:32

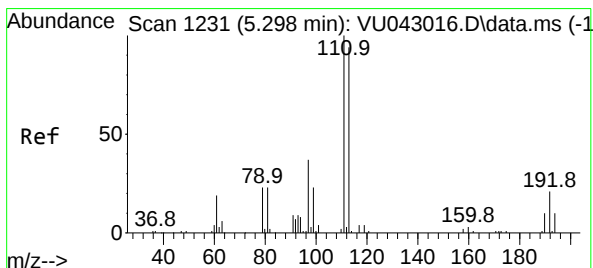
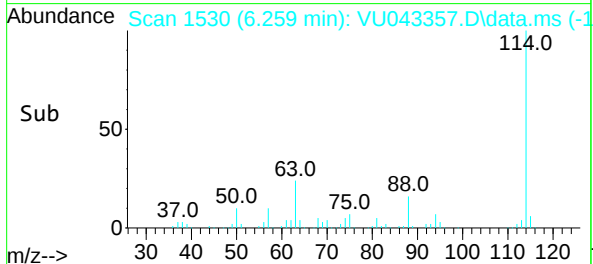
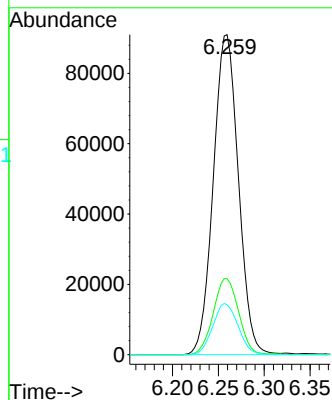
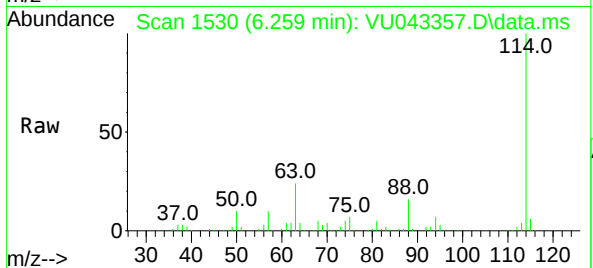
Tgt Ion:114 Resp: 173148

Ion Ratio Lower Upper

114 100

63 23.8 0.0 44.2

88 15.6 0.0 33.4



#35

Dibromofluoromethane

Concen: 48.80 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043357.D

Acq: 27 Apr 2021 20:32

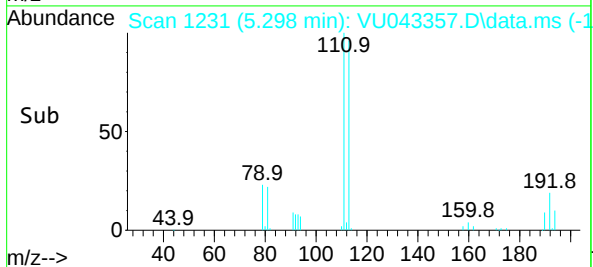
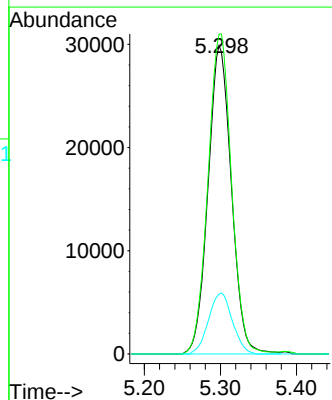
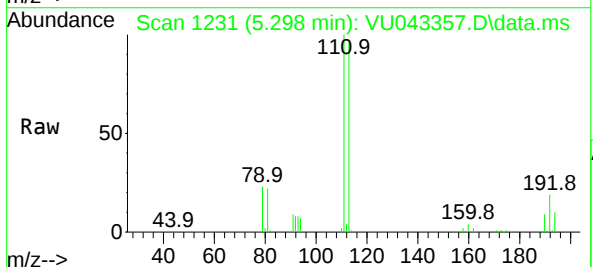
Tgt Ion:113 Resp: 63497

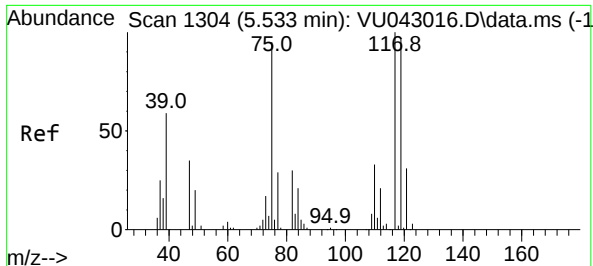
Ion Ratio Lower Upper

113 100

111 105.0 81.8 122.8

192 20.2 17.2 25.8





#36

1,1-Dichloropropene

Concen: 4.70 ug/l

RT: 5.382 min Scan# 1257

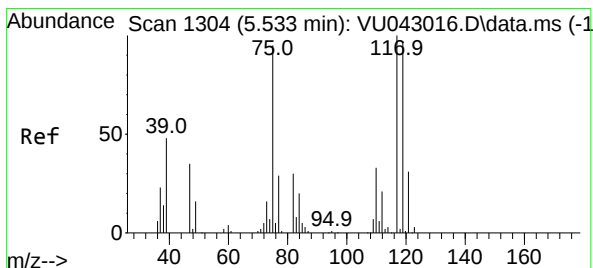
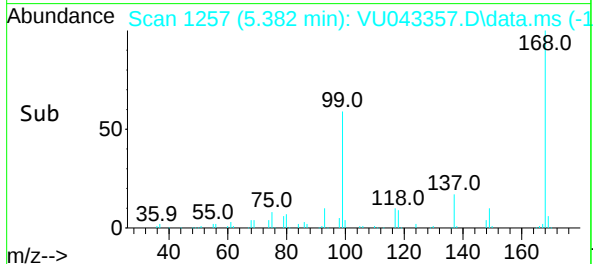
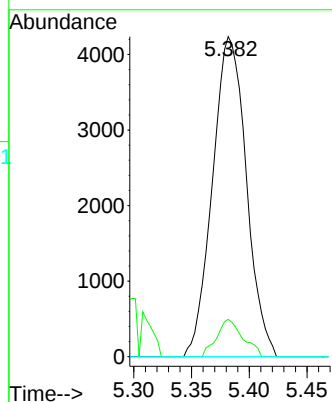
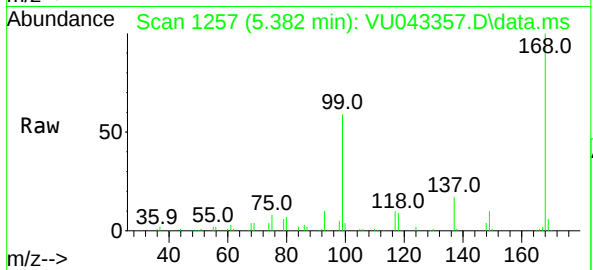
Delta R.T. -0.151 min

Lab File: VU043357.D

Acq: 27 Apr 2021 20:32

Tgt Ion:	75	Resp:	8635
Ion	Ratio	Lower	Upper
75	100		
110	9.0	16.8	50.3#
77	0.0	24.8	37.2#

Instrument :
MSVOA_U
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.42 ug/l

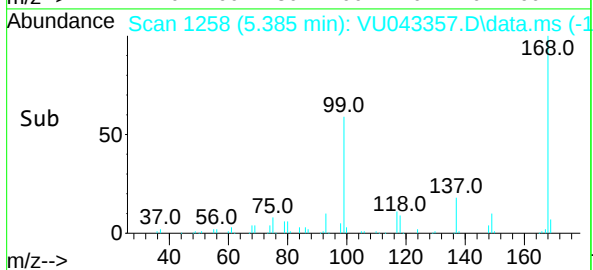
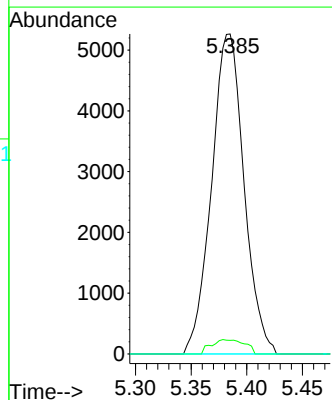
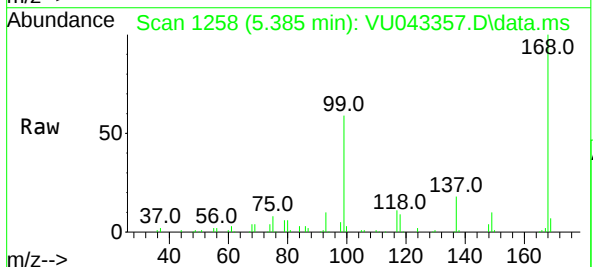
RT: 5.385 min Scan# 1258

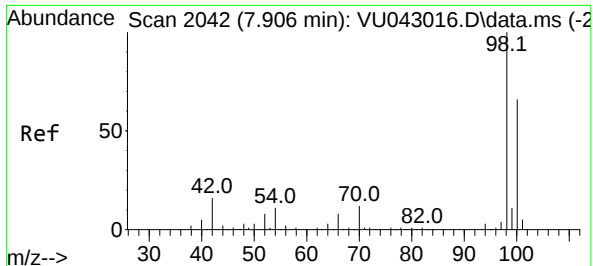
Delta R.T. -0.148 min

Lab File: VU043357.D

Acq: 27 Apr 2021 20:32

Tgt Ion:	117	Resp:	10665
Ion	Ratio	Lower	Upper
117	100		
119	4.2	75.5	113.3#
121	0.0	24.7	37.1#

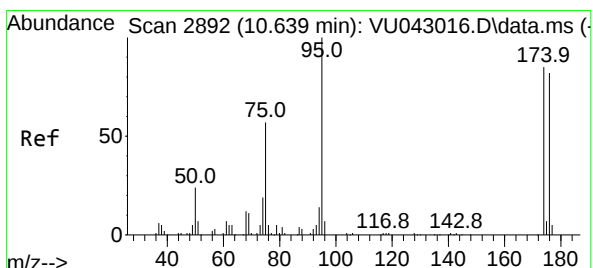
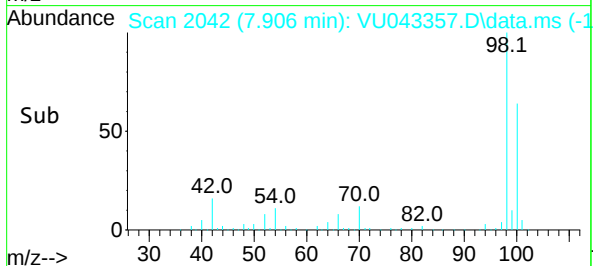
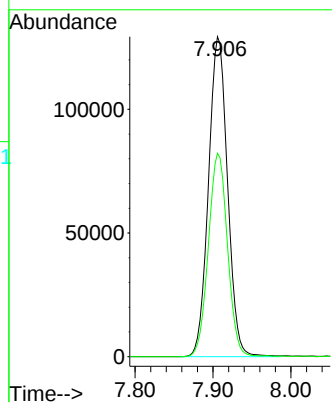
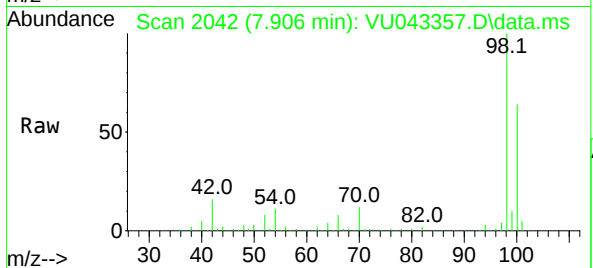




#50
Toluene-d8
Concen: 47.76 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043357.D
Acq: 27 Apr 2021 20:32

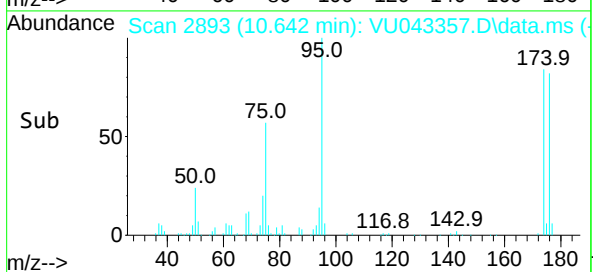
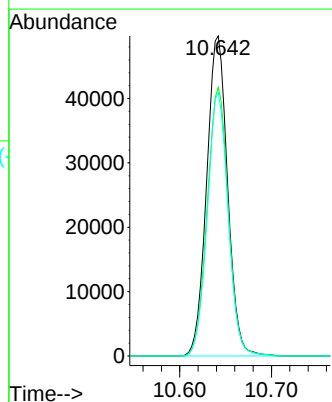
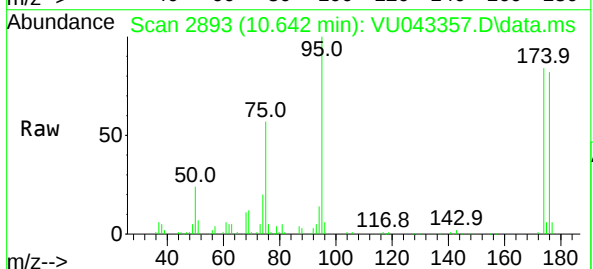
Instrument :
MSVOA_U
ClientSampled :

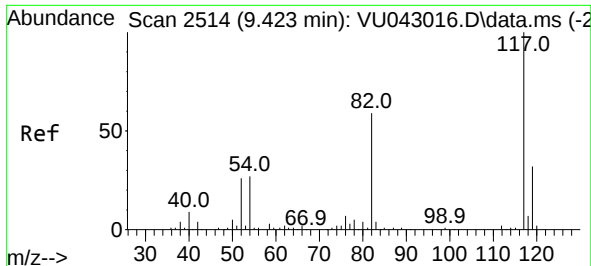
Tgt Ion: 98 Resp: 219864
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.82 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU043357.D
Acq: 27 Apr 2021 20:32

Tgt Ion: 95 Resp: 78938
Ion Ratio Lower Upper
95 100
174 84.9 0.0 172.2
176 81.8 0.0 168.8

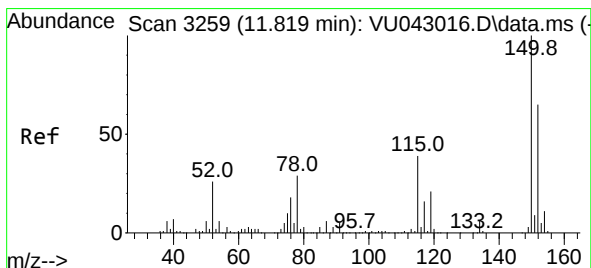
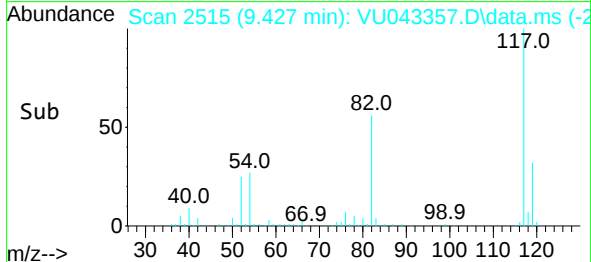
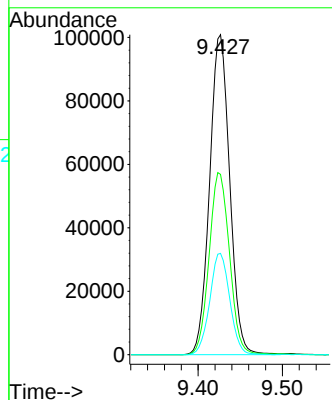
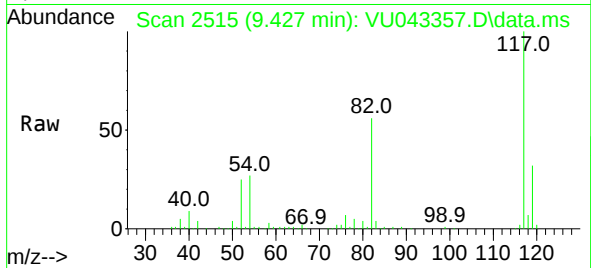




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. 0.004 min
Lab File: VU043357.D
Acq: 27 Apr 2021 20:32

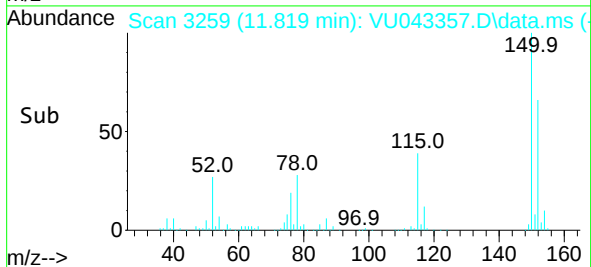
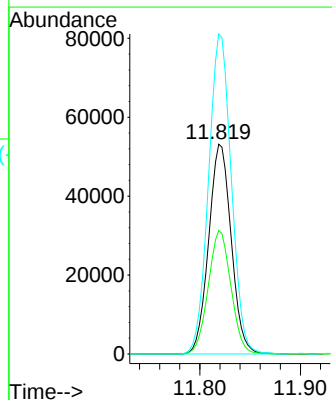
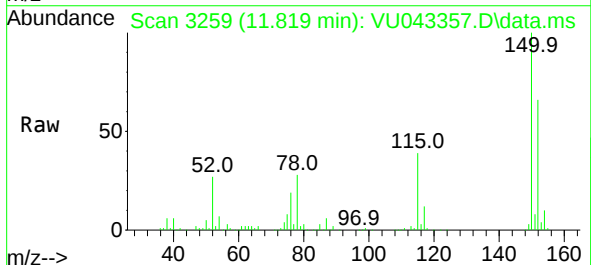
Instrument :
MSVOA_U
ClientSampleId :

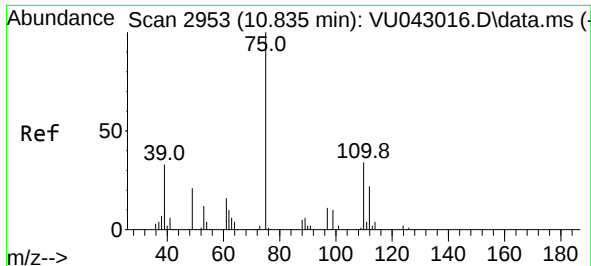
Tgt Ion:117 Resp: 167255
Ion Ratio Lower Upper
117 100
82 56.4 45.8 68.6
119 31.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043357.D
Acq: 27 Apr 2021 20:32

Tgt Ion:152 Resp: 82796
Ion Ratio Lower Upper
152 100
115 59.1 41.5 124.6
150 153.9 0.0 342.4

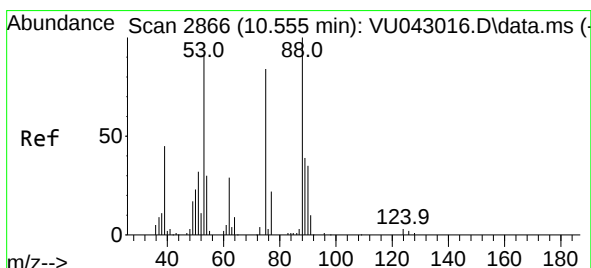
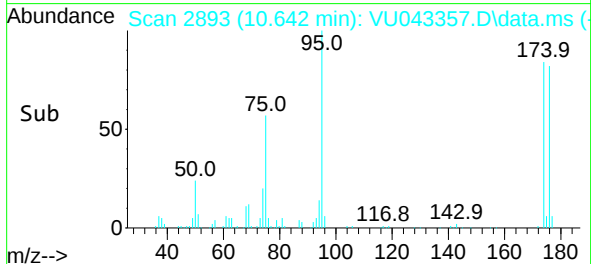
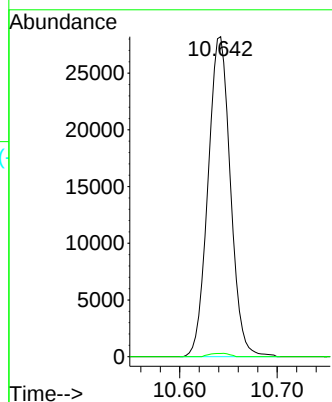
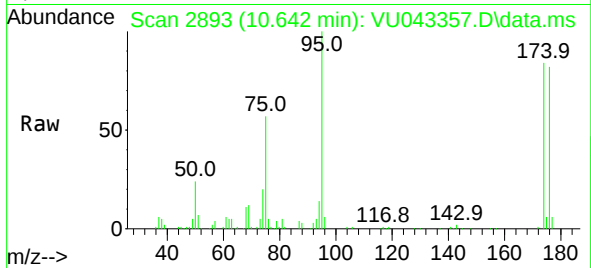




#76
1,2,3-Trichloropropane
Concen: 18.64 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. -0.193 min
Lab File: VU043357.D
Acq: 27 Apr 2021 20:32

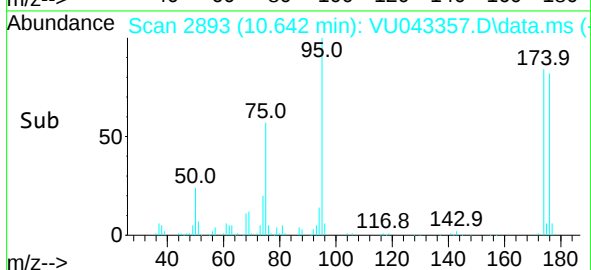
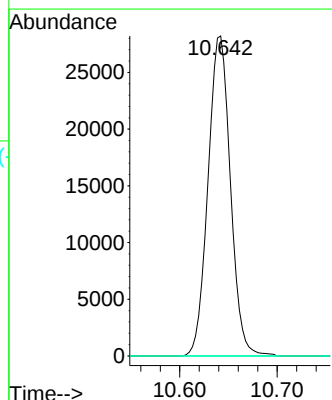
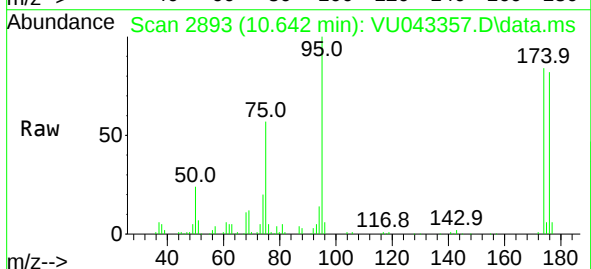
Instrument :
MSVOA_U
ClientSampled :

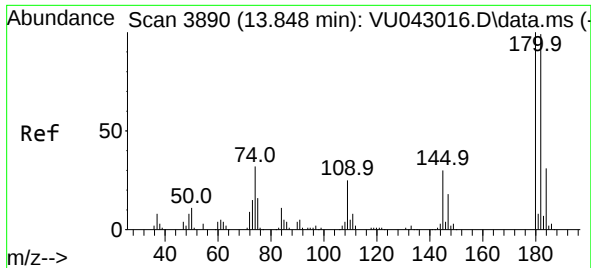
Tgt Ion: 75 Resp: 45109
Ion Ratio Lower Upper
75 100
77 0.9 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.78 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.087 min
Lab File: VU043357.D
Acq: 27 Apr 2021 20:32

Tgt Ion: 75 Resp: 45109
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#

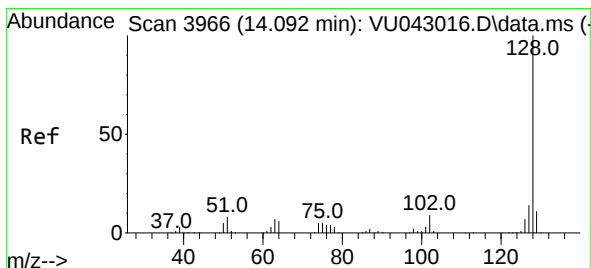
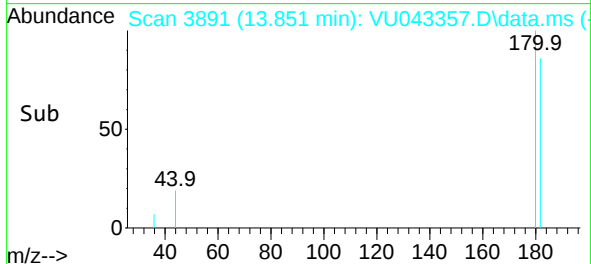
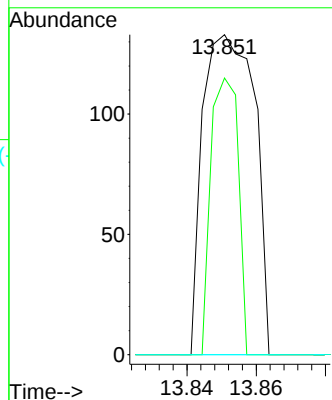
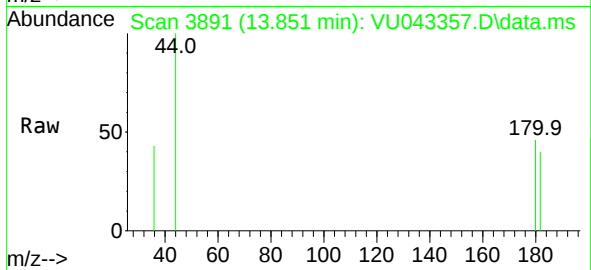




#93
1,2,4-Trichlorobenzene
Concen: 1.58 ug/l
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU043357.D
Acq: 27 Apr 2021 20:32

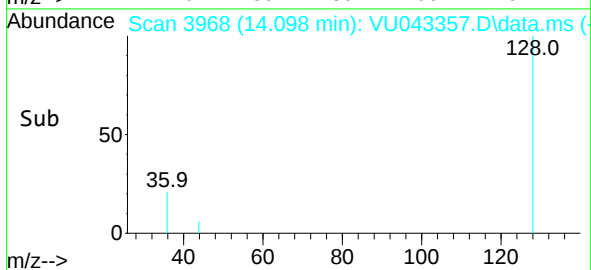
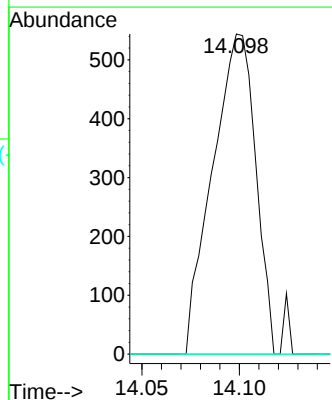
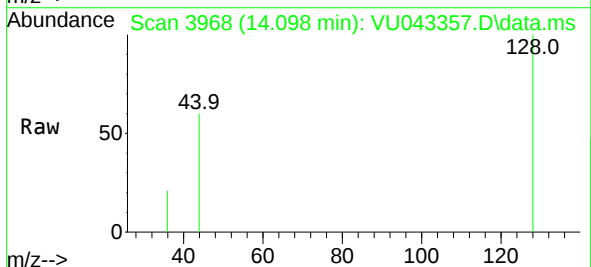
Instrument :
MSVOA_U
ClientSampled :

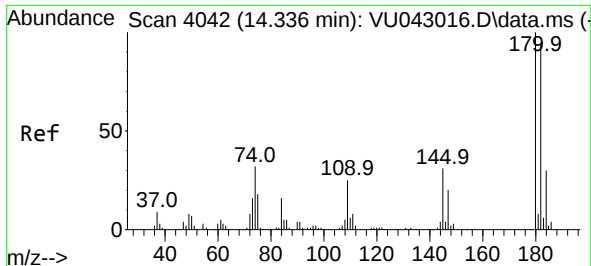
Tgt Ion:180 Resp: 138
Ion Ratio Lower Upper
180 100
182 45.7 46.9 140.8#
145 0.0 14.4 43.4#



#95
Naphthalene
Concen: 2.87 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VU043357.D
Acq: 27 Apr 2021 20:32

Tgt Ion:128 Resp: 838
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.52 ug/l
 RT: 14.336 min Scan# 4042
 Delta R.T. 0.000 min
 Lab File: VU043357.D
 Acq: 27 Apr 2021 20:32

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:180 Resp: 117
 Ion Ratio Lower Upper
 180 100
 182 170.9 48.0 144.0#
 145 0.0 15.5 46.5#

