

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022021\
 Data File : VU042363.D
 Acq On : 19 Feb 2021 15:49
 Operator : SY/MD
 Sample : M1401-01 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 41702

Quant Time: Feb 19 16:08:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 19 02:55:52 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

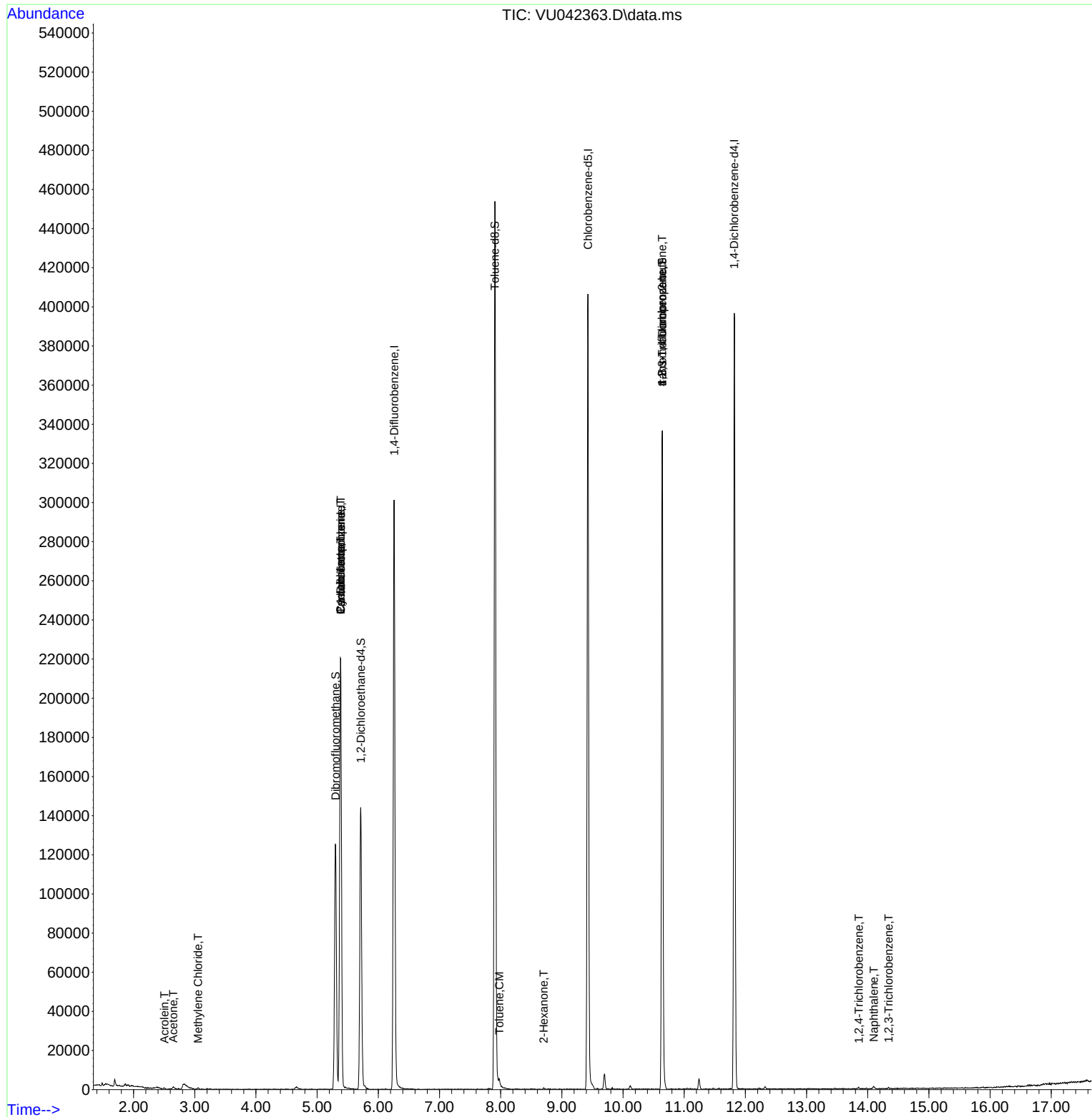
Internal Standards						
1) Pentafluorobenzene	5.385	168	157269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	237222	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	212429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	101346	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	113566	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
35) Dibromofluoromethane	5.301	113	79065	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
50) Toluene-d8	7.906	98	289553	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	10.642	95	104511	44.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.44%	
Target Compounds						
						Qvalue
13) Acrolein	2.504	56	492	9.42	ug/l	92
16) Acetone	2.649	43	1982	1.34	ug/l	94
20) Methylene Chloride	3.054	84	343	0.20	ug/l #	76
31) Cyclohexane	5.382	56	3841	1.23	ug/l #	21
36) 1,1-Dichloropropene	5.382	75	12594	5.37	ug/l #	52
38) Carbon Tetrachloride	5.385	117	15378	6.13	ug/l #	17
52) Toluene	7.980	92	1283	0.32	ug/l	79
59) 2-Hexanone	8.703	43	677	0.23	ug/l	81
76) 1,2,3-Trichloropropane	10.642	75	59136	23.60	ug/l #	36
81) trans-1,4-Dichloro-2-b...	10.642	75	59136	64.16	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.857	180	355	1.84	ug/l #	86
95) Naphthalene	14.102	128	1610	2.44	ug/l #	85
96) 1,2,3-Trichlorobenzene	14.343	180	297	1.81	ug/l #	65

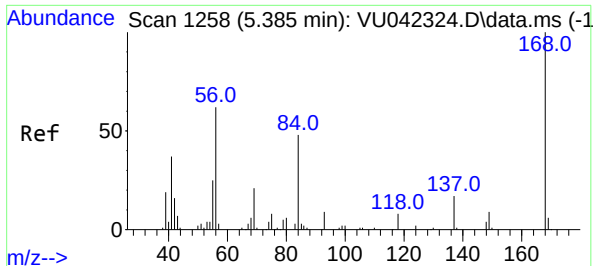
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 19 16:08:54 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 19 02:55:52 2021
Response via : Initial Calibration

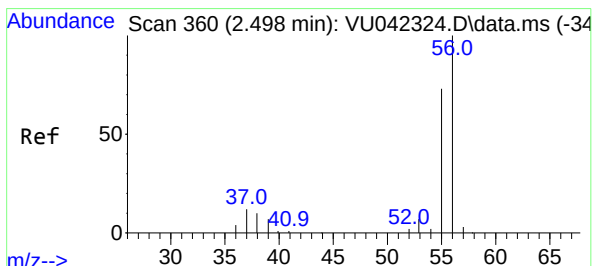
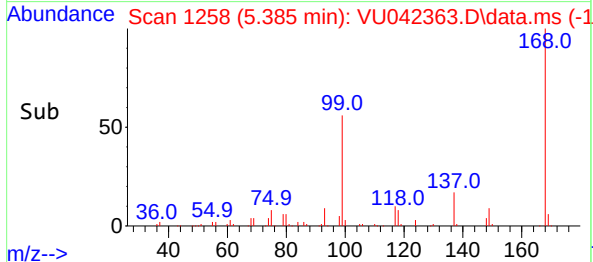
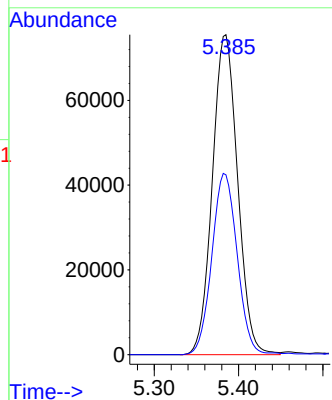
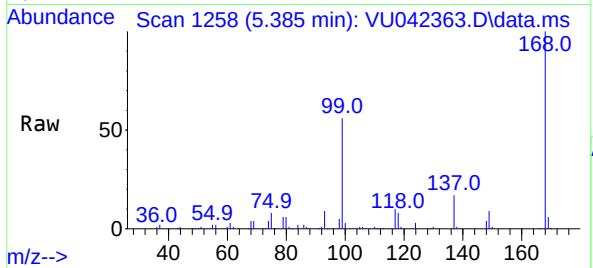




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU042363.D
Acq: 19 Feb 2021 15:49

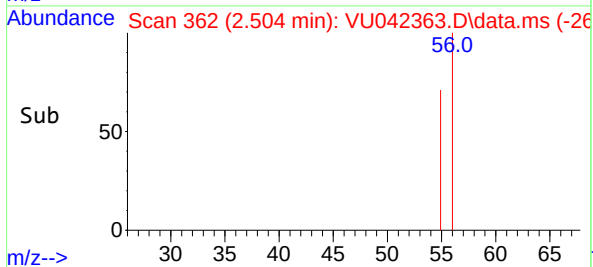
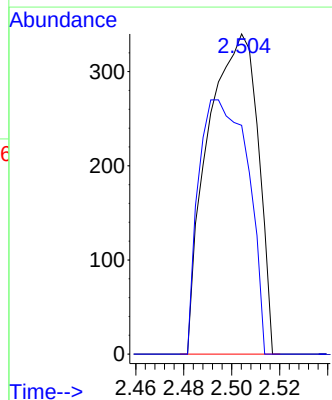
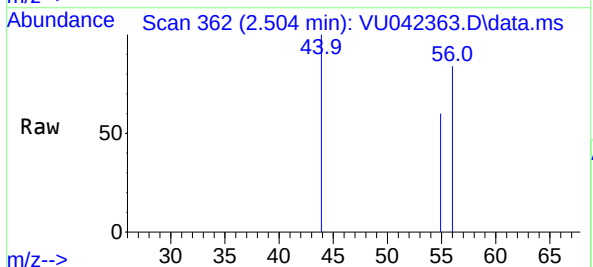
Instrument :
MSVOA_U
ClientSampleId :
41702

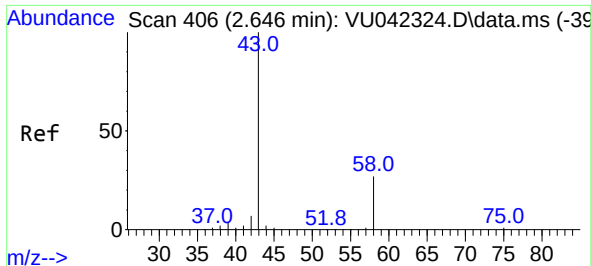
Tgt Ion:168 Resp: 157269
Ion Ratio Lower Upper
168 100
99 56.2 45.0 67.4



#13
Acrolein
Concen: 9.42 ug/l
RT: 2.504 min Scan# 362
Delta R.T. 0.006 min
Lab File: VU042363.D
Acq: 19 Feb 2021 15:49

Tgt Ion: 56 Resp: 492
Ion Ratio Lower Upper
56 100
55 78.0 57.3 85.9

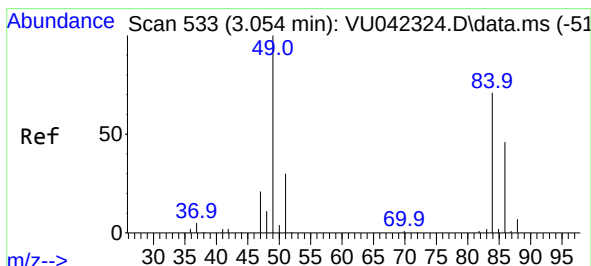
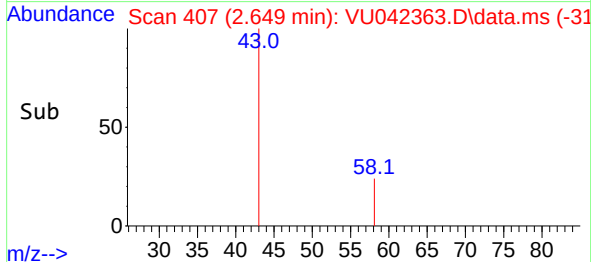
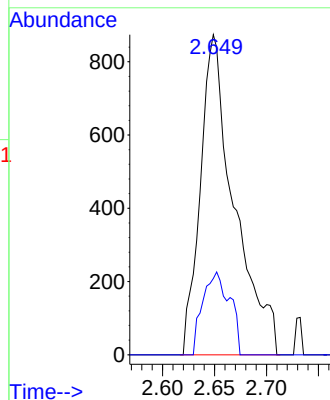
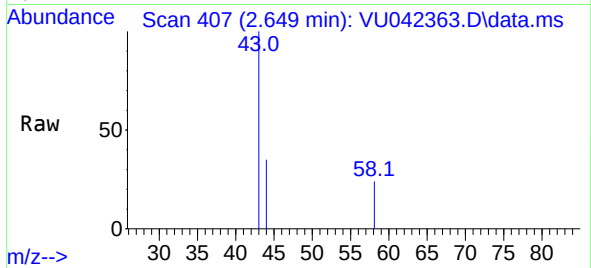




#16
Acetone
Concen: 1.34 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.003 min
Lab File: VU042363.D
Acq: 19 Feb 2021 15:49

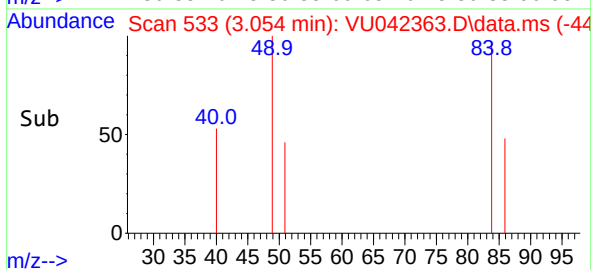
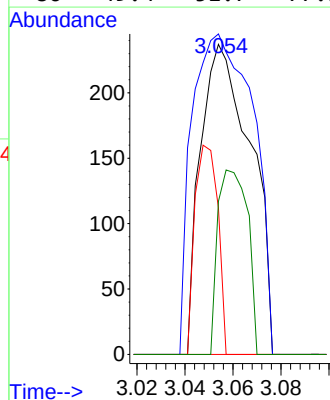
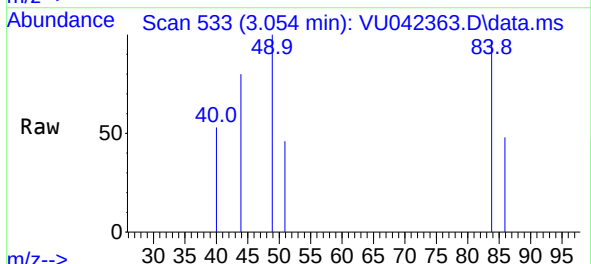
Instrument :
MSVOA_U
ClientSampled :
41702

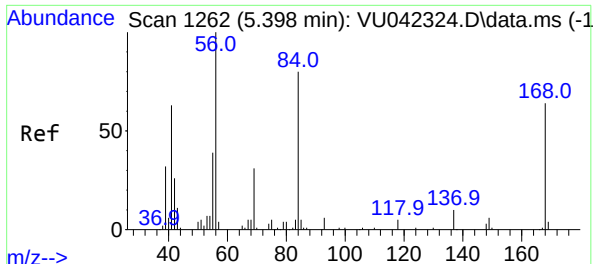
Tgt Ion: 43 Resp: 1982
Ion Ratio Lower Upper
43 100
58 23.8 21.5 32.3



#20
Methylene Chloride
Concen: 0.20 ug/l
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042363.D
Acq: 19 Feb 2021 15:49

Tgt Ion: 84 Resp: 343
Ion Ratio Lower Upper
84 100
49 103.4 112.6 169.0#
51 47.3 33.7 50.5
86 49.4 51.7 77.5#



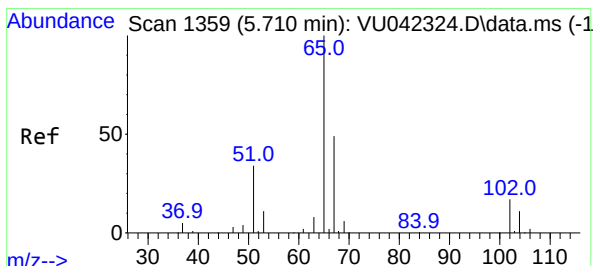
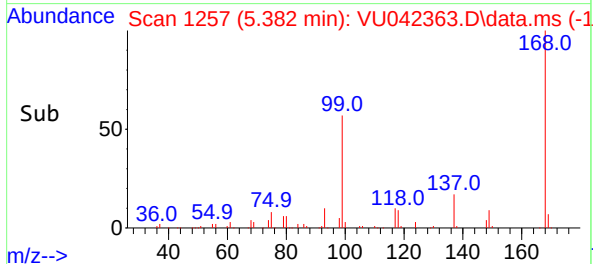
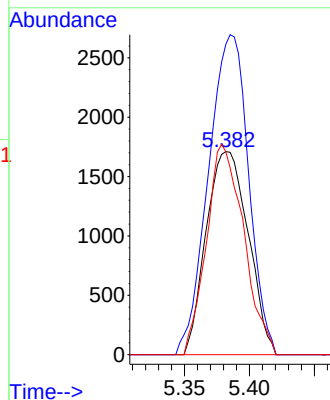
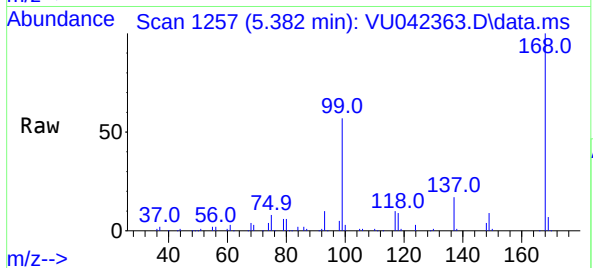


#31
Cyclohexane
Concen: 1.23 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VU042363.D
Acq: 19 Feb 2021 15:49

Instrument :
MSVOA_U
ClientSampled :
41702

Tgt Ion: 56 Resp: 3841

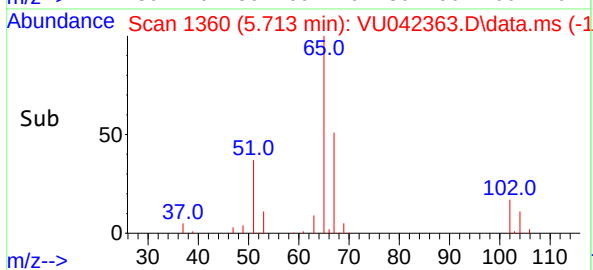
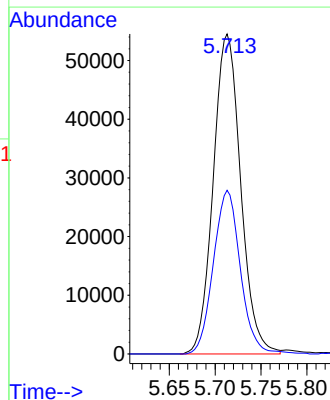
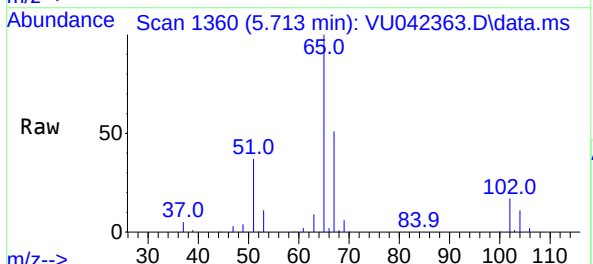
Ion	Ratio	Lower	Upper
56	100		
69	152.8	24.9	37.3#
84	99.9	63.7	95.5#

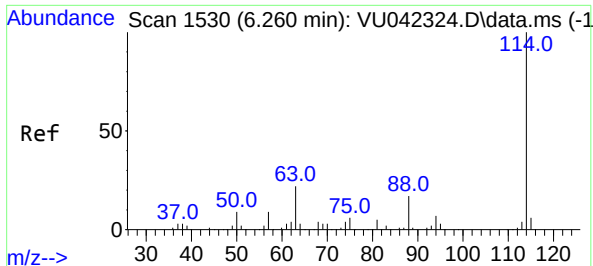


#33
1,2-Dichloroethane-d4
Concen: 47.62 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU042363.D
Acq: 19 Feb 2021 15:49

Tgt Ion: 65 Resp: 113566

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	99.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.260 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VU042363.D

Acq: 19 Feb 2021 15:49

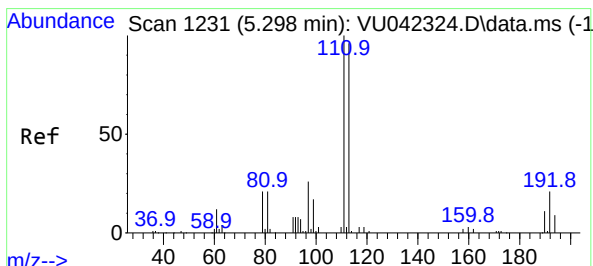
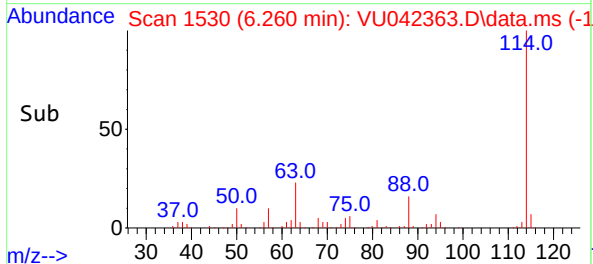
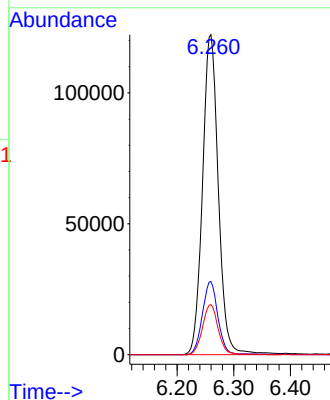
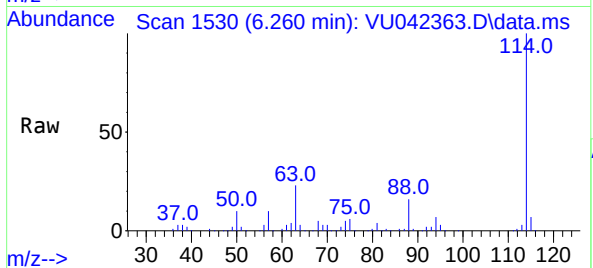
Tgt Ion:114 Resp: 237222

Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.2

88 15.7 0.0 33.4



#35

Dibromofluoromethane

Concen: 47.22 ug/l

RT: 5.301 min Scan# 1232

Delta R.T. 0.003 min

Lab File: VU042363.D

Acq: 19 Feb 2021 15:49

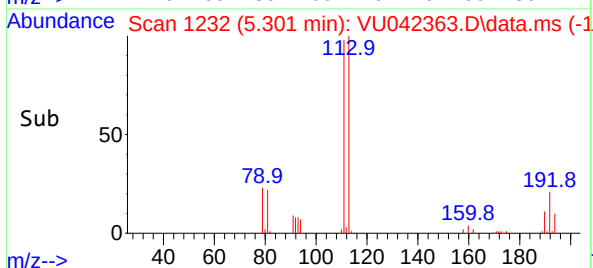
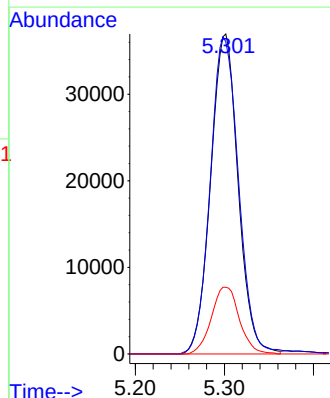
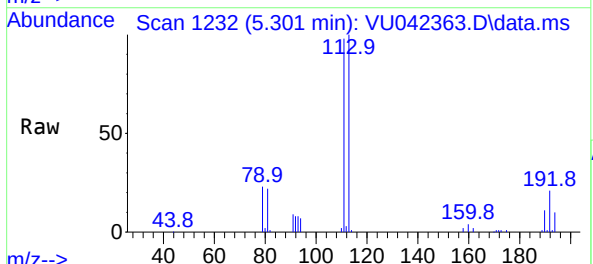
Tgt Ion:113 Resp: 79065

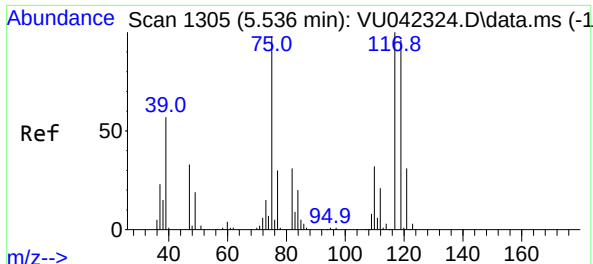
Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

192 21.3 17.2 25.8

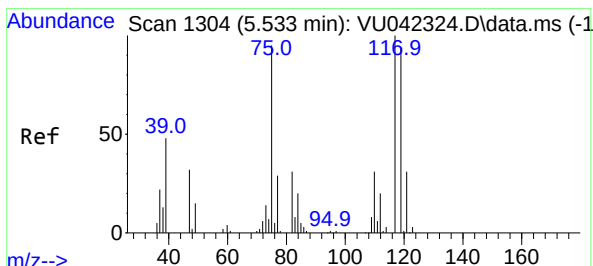
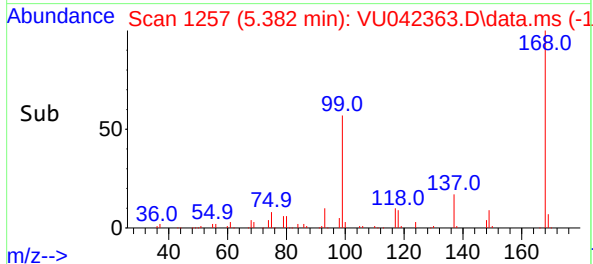
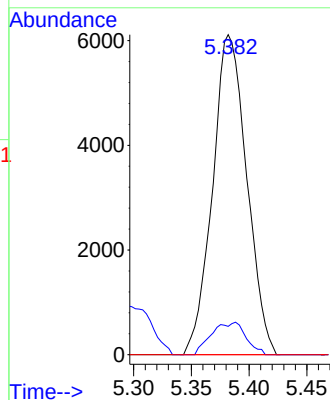
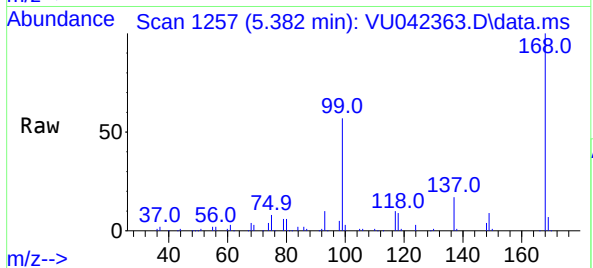




#36
1,1-Dichloropropene
Concen: 5.37 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.154 min
Lab File: VU042363.D
Acq: 19 Feb 2021 15:49

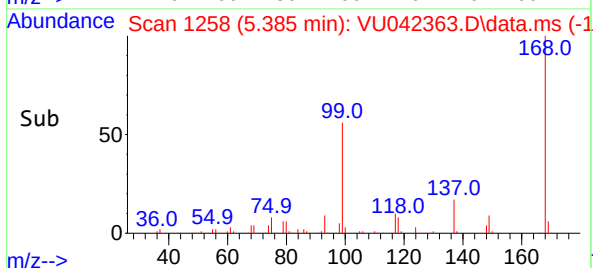
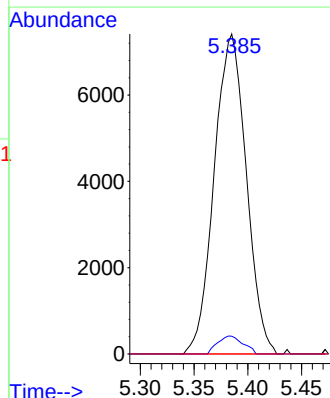
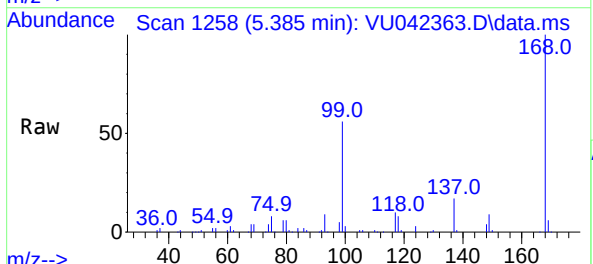
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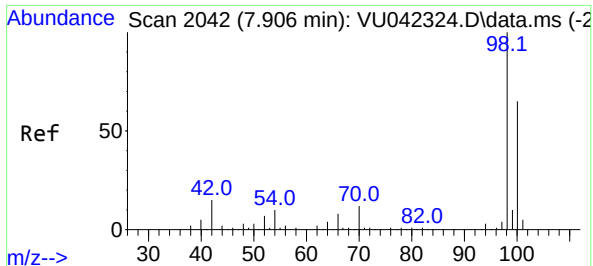
Tgt Ion: 75 Resp: 12594
Ion Ratio Lower Upper
75 100
110 10.2 16.8 50.3#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.13 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU042363.D
Acq: 19 Feb 2021 15:49

Tgt Ion:117 Resp: 15378
Ion Ratio Lower Upper
117 100
119 5.6 75.5 113.3#
121 0.0 24.7 37.1#

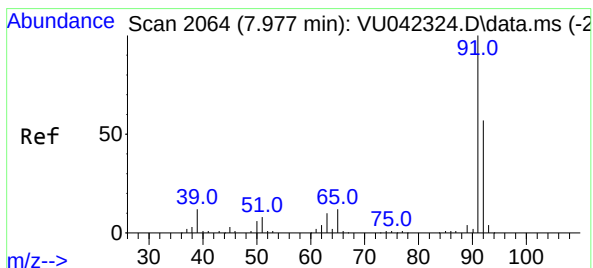
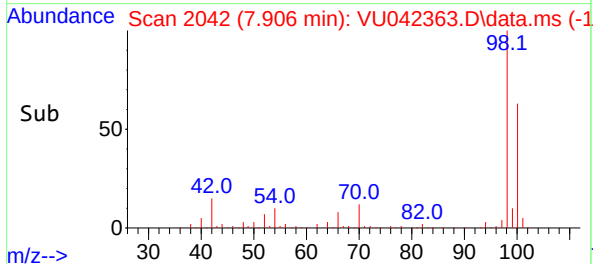
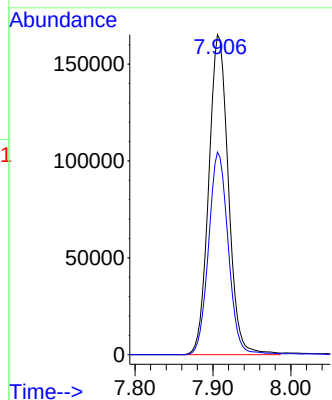
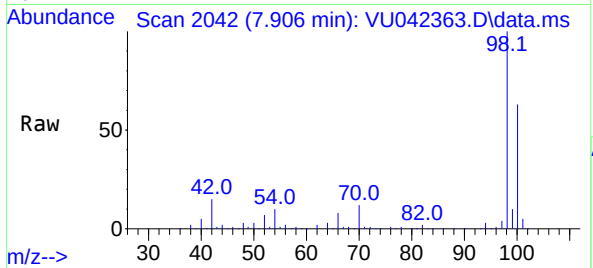




#50
Toluene-d8
Concen: 48.28 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042363.D
Acq: 19 Feb 2021 15:49

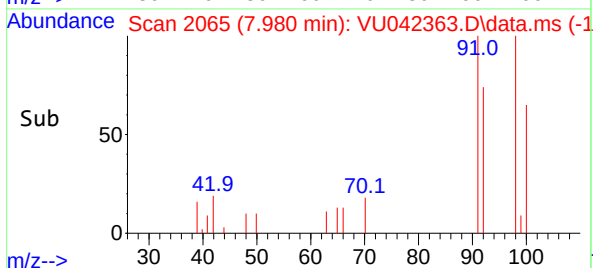
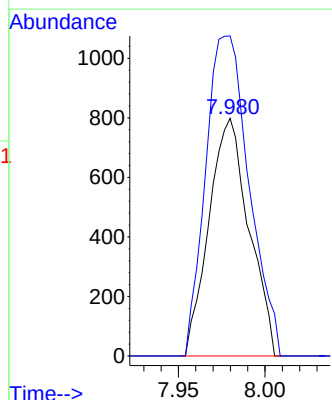
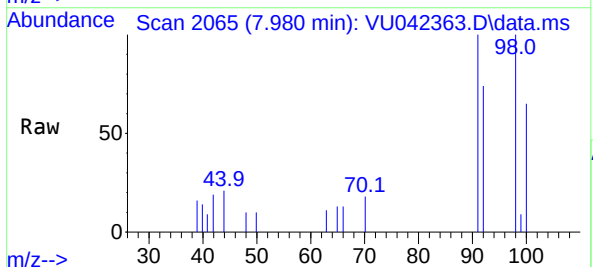
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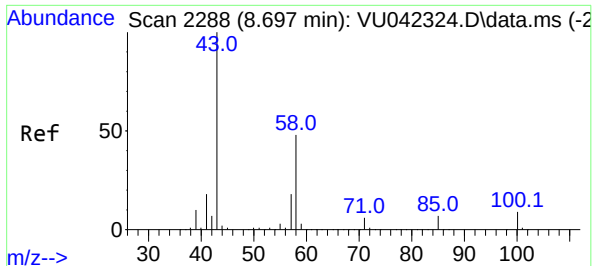
Tgt Ion: 98 Resp: 289553
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#52
Toluene
Concen: 0.32 ug/l
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU042363.D
Acq: 19 Feb 2021 15:49

Tgt Ion: 92 Resp: 1283
Ion Ratio Lower Upper
92 100
91 146.5 140.3 210.5

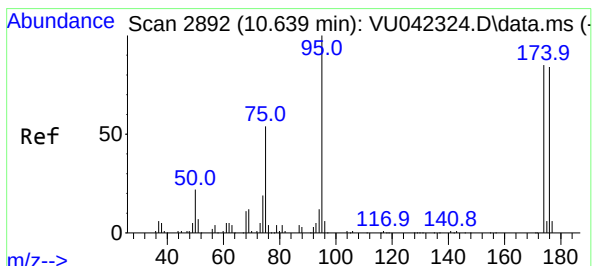
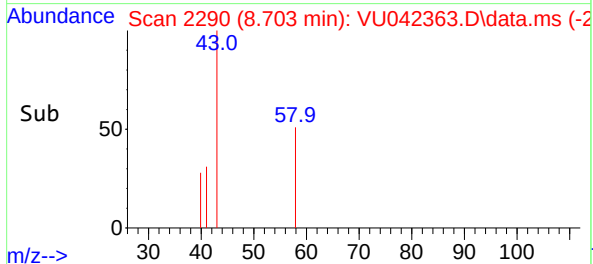
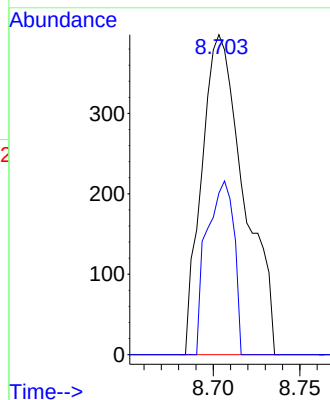
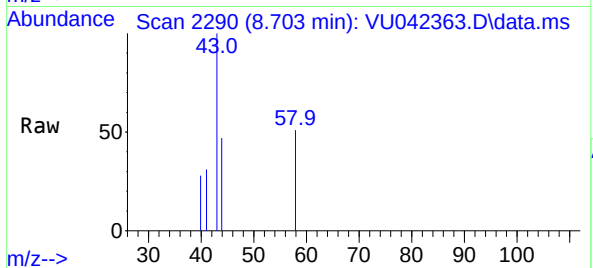




#59
2-Hexanone
Concen: 0.23 ug/l
RT: 8.703 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VU042363.D
Acq: 19 Feb 2021 15:49

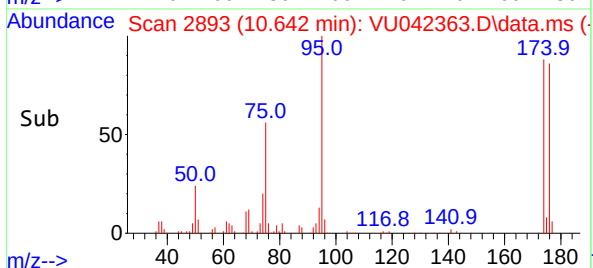
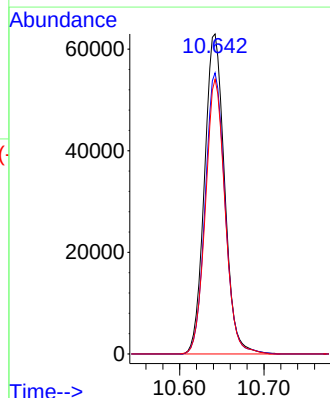
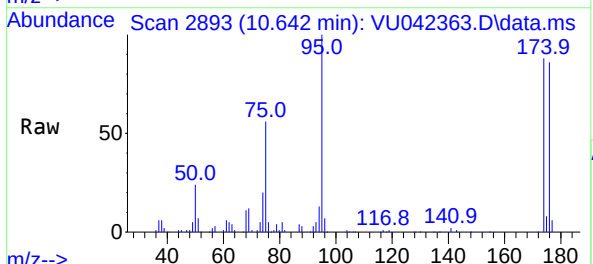
Instrument :
MSVOA_U
ClientSampled :
41702

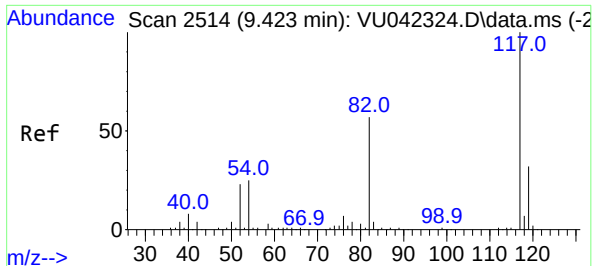
Tgt Ion: 43 Resp: 677
Ion Ratio Lower Upper
43 100
58 34.9 24.0 72.0



#62
4-Bromofluorobenzene
Concen: 44.22 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU042363.D
Acq: 19 Feb 2021 15:49

Tgt Ion: 95 Resp: 104511
Ion Ratio Lower Upper
95 100
174 86.8 0.0 172.2
176 83.9 0.0 168.8

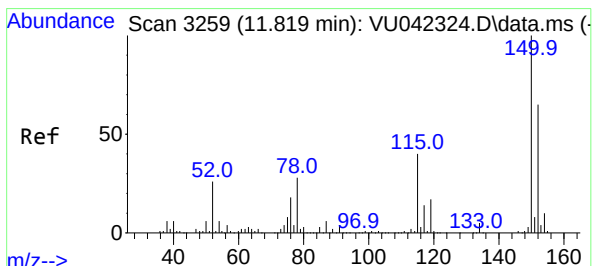
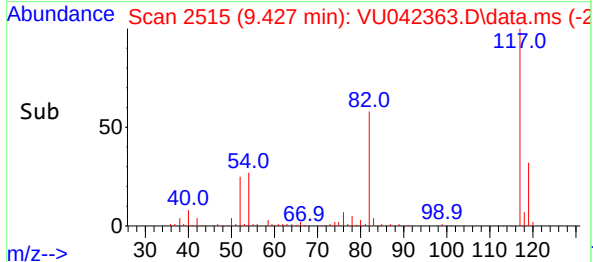
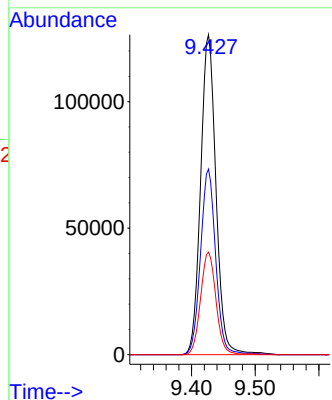
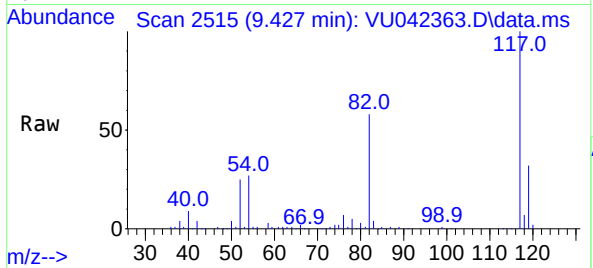




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. 0.003 min
Lab File: VU042363.D
Acq: 19 Feb 2021 15:49

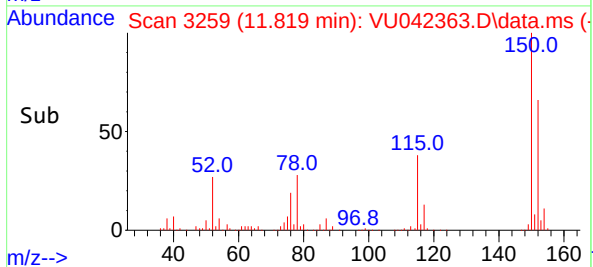
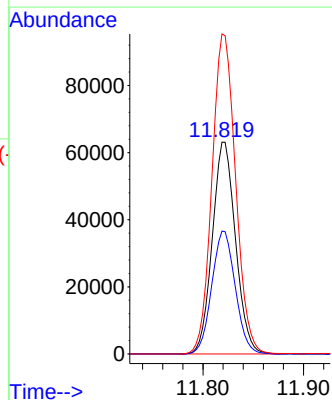
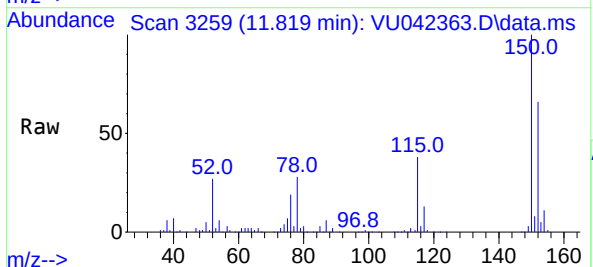
Instrument :
MSVOA_U
ClientSampled :
41702

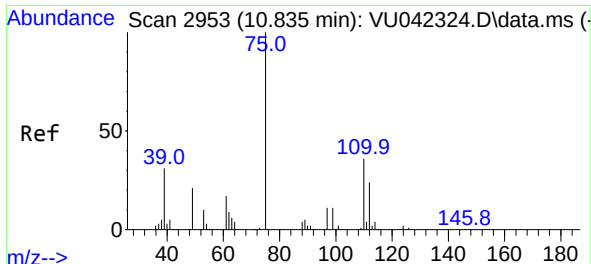
Tgt Ion:117 Resp: 212429
Ion Ratio Lower Upper
117 100
82 58.0 45.8 68.6
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042363.D
Acq: 19 Feb 2021 15:49

Tgt Ion:152 Resp: 101346
Ion Ratio Lower Upper
152 100
115 58.6 41.5 124.6
150 153.7 0.0 342.4

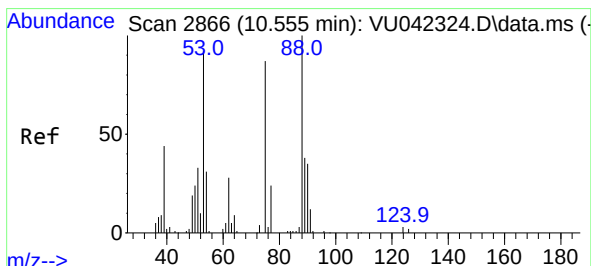
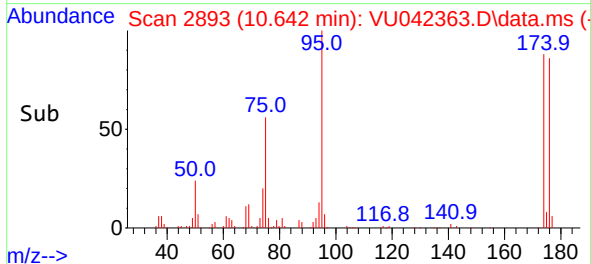
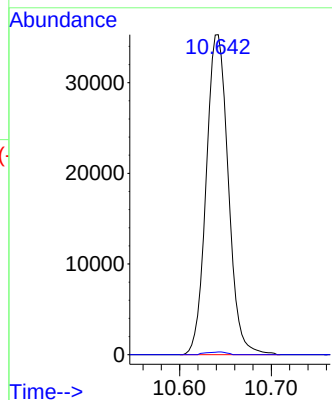
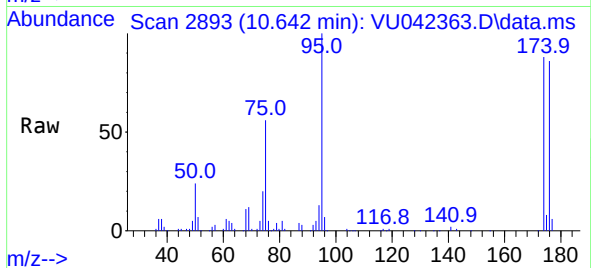




#76
1,2,3-Trichloropropane
Concen: 23.60 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. -0.193 min
Lab File: VU042363.D
Acq: 19 Feb 2021 15:49

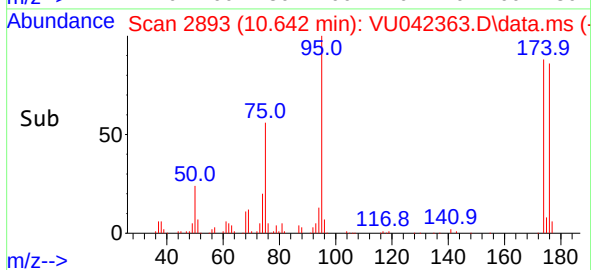
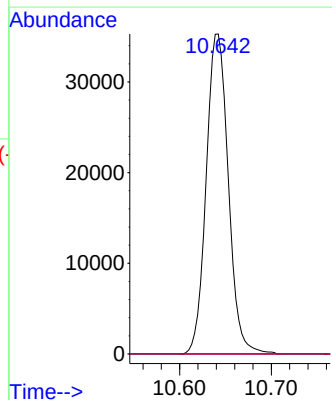
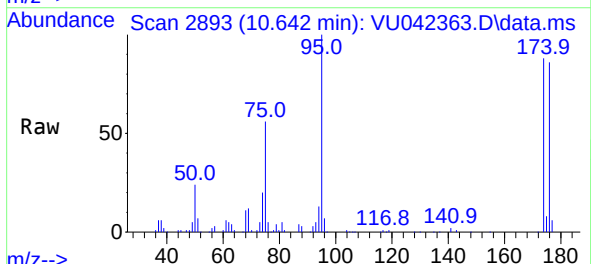
Instrument :
MSVOA_U
ClientSampled :
41702

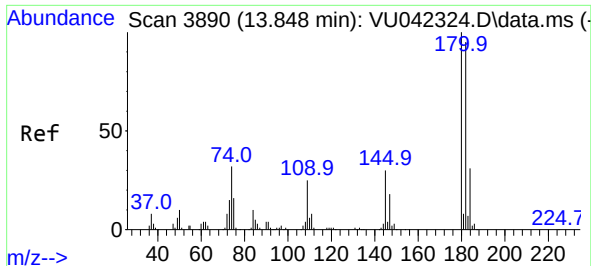
Tgt Ion: 75 Resp: 59136
Ion Ratio Lower Upper
75 100
77 0.8 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.16 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.087 min
Lab File: VU042363.D
Acq: 19 Feb 2021 15:49

Tgt Ion: 75 Resp: 59136
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#

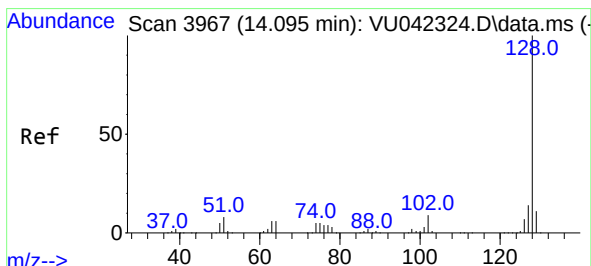
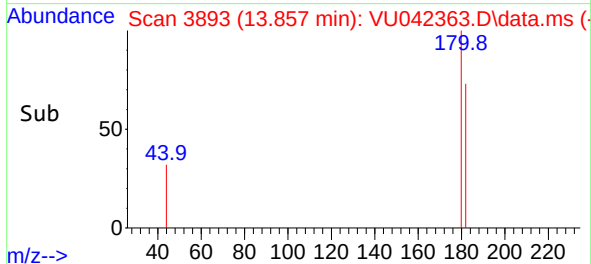
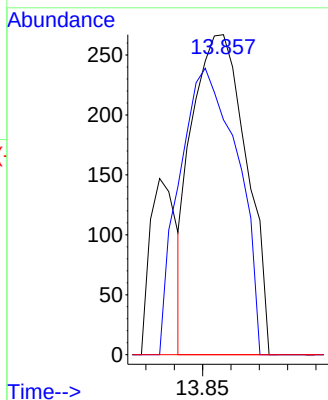
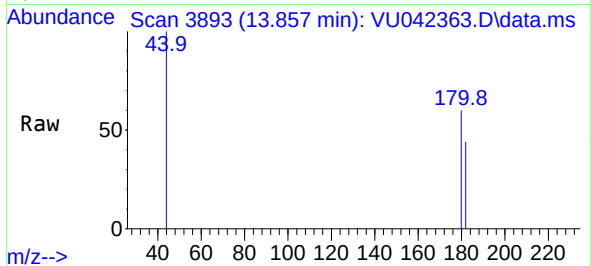




#93
1,2,4-Trichlorobenzene
Concen: 1.84 ug/l
RT: 13.857 min Scan# 3893
Delta R.T. 0.009 min
Lab File: VU042363.D
Acq: 19 Feb 2021 15:49

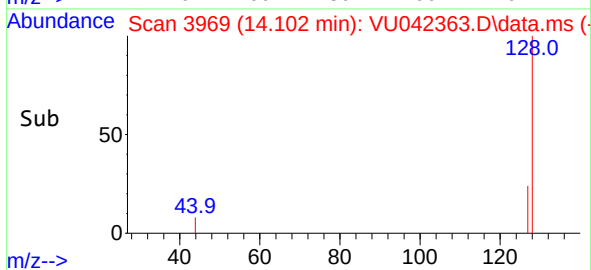
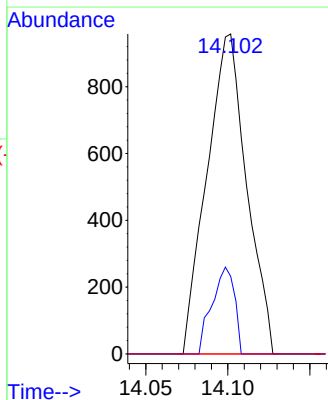
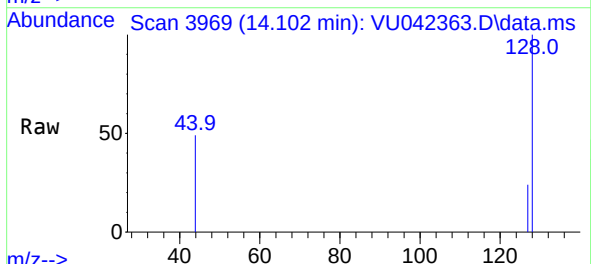
Instrument :
MSVOA_U
ClientSampled :
41702

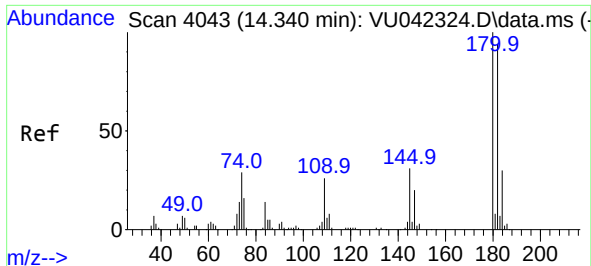
Tgt Ion:180	Resp:	355
Ion	Ratio	Lower Upper
180	100	
182	95.8	46.9 140.8
145	0.0	14.4 43.4#



#95
Naphthalene
Concen: 2.44 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.007 min
Lab File: VU042363.D
Acq: 19 Feb 2021 15:49

Tgt Ion:128	Resp:	1610
Ion	Ratio	Lower Upper
128	100	
127	15.3	10.8 16.2
129	0.0	8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.81 ug/l
 RT: 14.343 min Scan# 4044
 Delta R.T. 0.003 min
 Lab File: VU042363.D
 Acq: 19 Feb 2021 15:49

Instrument :
 MSVOA_U
 ClientSampleId :
 41702

Tgt Ion:	180	Resp:	297
Ion	Ratio	Lower	Upper
180	100		
182	69.0	48.0	144.0
145	0.0	15.5	46.5#

