

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021821\
 Data File : VU042340.D
 Acq On : 18 Feb 2021 10:31
 Operator : SY/MD
 Sample : VU0218WBL04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 19 03:07:24 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)

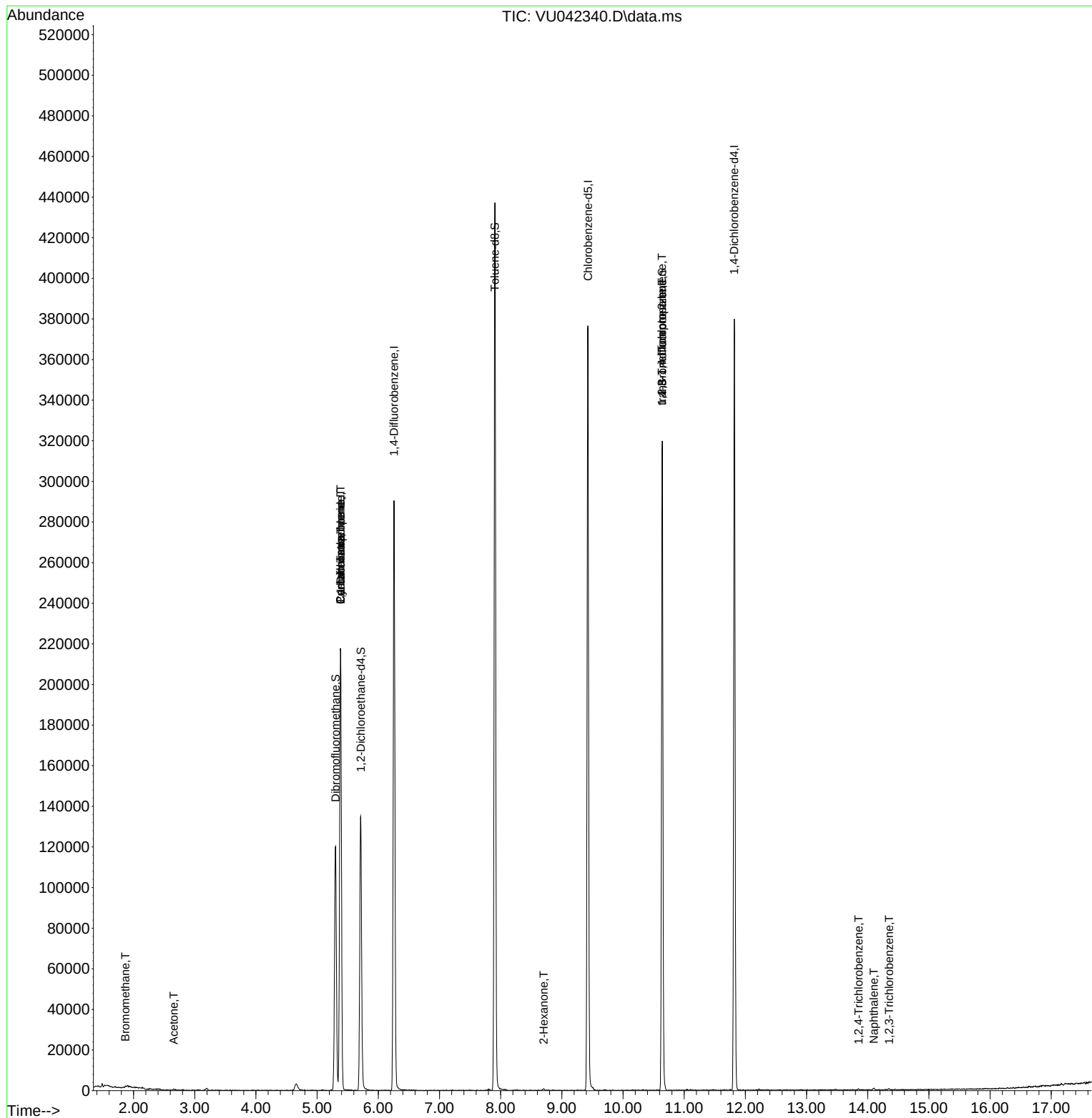
Internal Standards						
1) Pentafluorobenzene	5.382	168	151345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	224310	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	196904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	94859	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	107104	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.32%	
35) Dibromofluoromethane	5.301	113	76255	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
50) Toluene-d8	7.906	98	274317	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
62) 4-Bromofluorobenzene	10.642	95	100331	44.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.78%	
Target Compounds						
						Qvalue
5) Bromomethane	1.864	94	225	0.20	ug/l	86
16) Acetone	2.655	43	811	0.57	ug/l #	48
31) Cyclohexane	5.382	56	3491	1.16	ug/l #	42
36) 1,1-Dichloropropene	5.382	75	12233	5.52	ug/l #	49
38) Carbon Tetrachloride	5.382	117	14977	6.32	ug/l #	16
59) 2-Hexanone	8.703	43	924	0.34	ug/l	91
76) 1,2,3-Trichloropropane	10.639	75	55868	23.82	ug/l #	36
81) trans-1,4-Dichloro-2-b...	10.639	75	55868	64.76	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.851	180	358	1.85	ug/l #	83
95) Naphthalene	14.102	128	1356	2.42	ug/l #	73
96) 1,2,3-Trichlorobenzene	14.349	180	334	1.83	ug/l #	63

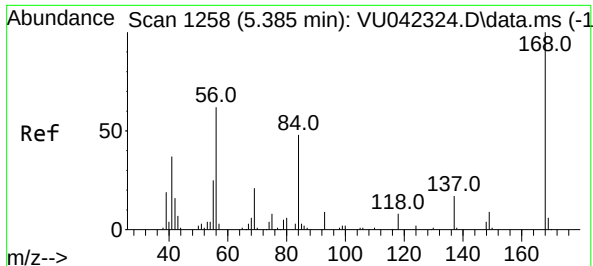
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Quant Time: Feb 19 03:07:24 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

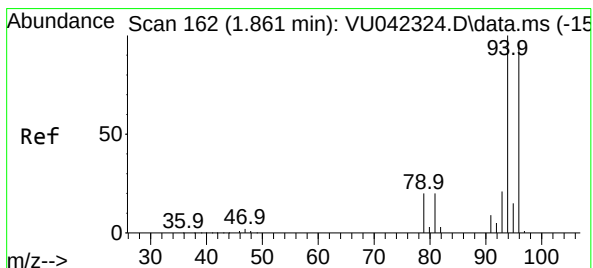
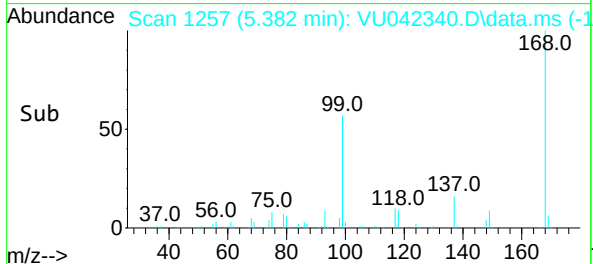
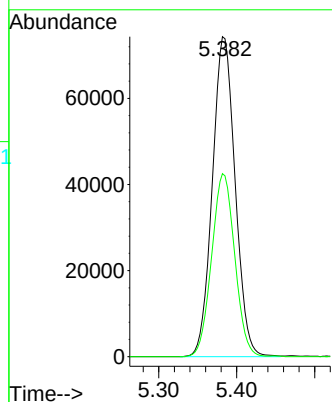
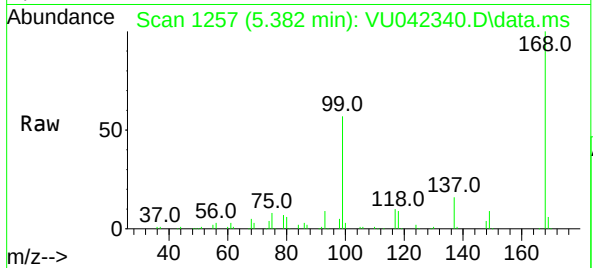




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042340.D
Acq: 18 Feb 2021 10:31

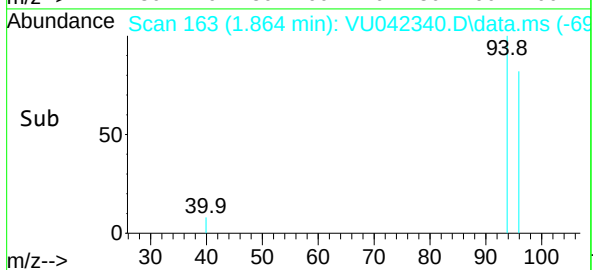
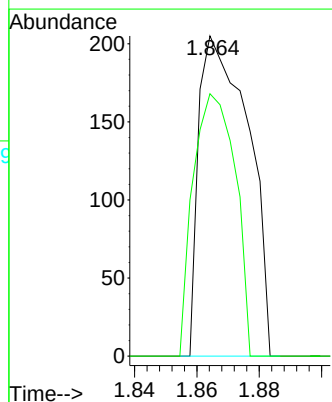
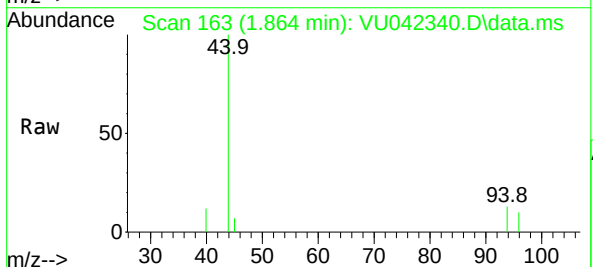
Instrument :
MSVOA_U
ClientSampleId :

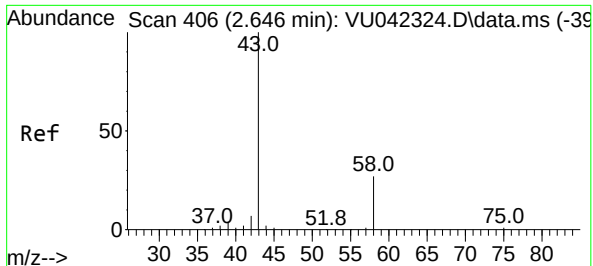
Tgt Ion:168 Resp: 151345
Ion Ratio Lower Upper
168 100
99 57.2 45.0 67.4



#5
Bromomethane
Concen: 0.20 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.003 min
Lab File: VU042340.D
Acq: 18 Feb 2021 10:31

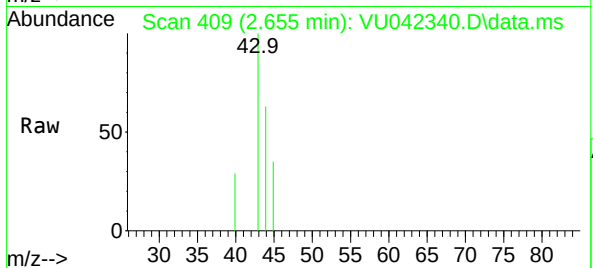
Tgt Ion: 94 Resp: 225
Ion Ratio Lower Upper
94 100
96 82.0 76.6 115.0



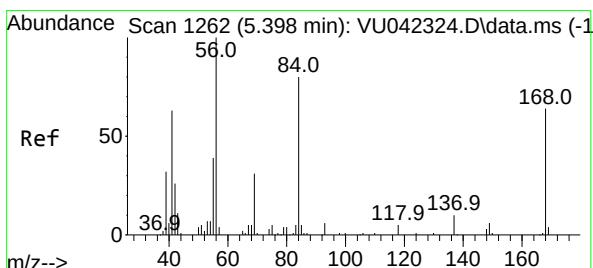
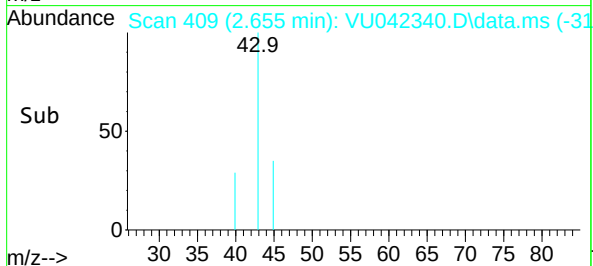
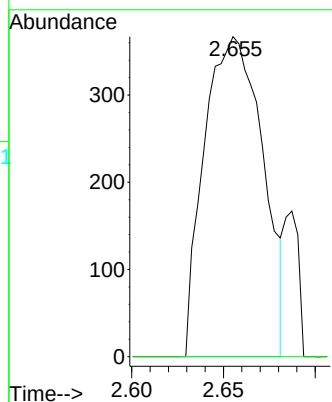


#16
Acetone
Concen: 0.57 ug/l
RT: 2.655 min Scan# 409
Delta R.T. 0.010 min
Lab File: VU042340.D
Acq: 18 Feb 2021 10:31

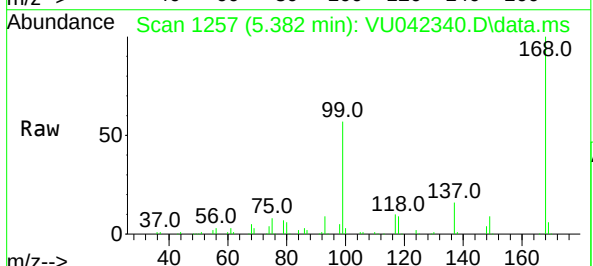
Instrument :
MSVOA_U
ClientSampleId :



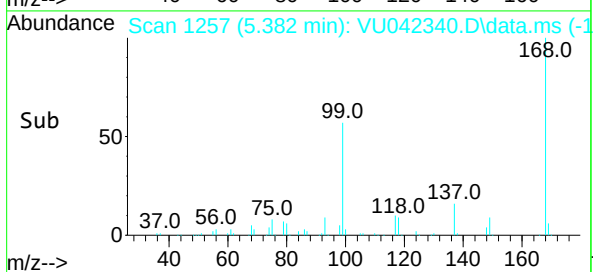
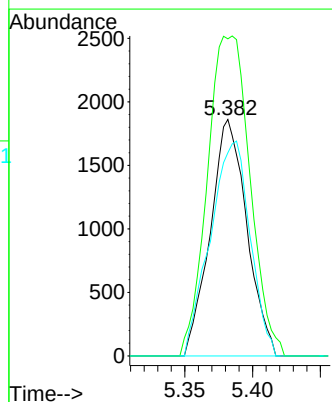
Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
58 0.0 21.5 32.3#

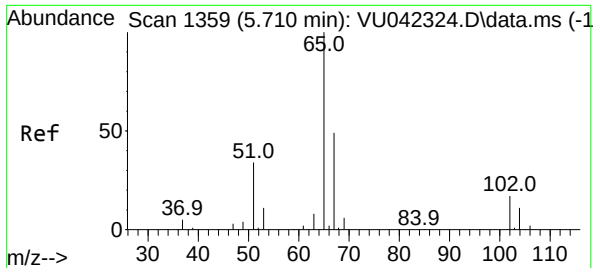


#31
Cyclohexane
Concen: 1.16 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VU042340.D
Acq: 18 Feb 2021 10:31



Tgt Ion: 56 Resp: 3491
Ion Ratio Lower Upper
56 100
69 134.0 24.9 37.3#
84 85.9 63.7 95.5





#33

1,2-Dichloroethane-d4

Concen: 46.66 ug/l

RT: 5.713 min Scan# 1360

Delta R.T. 0.003 min

Lab File: VU042340.D

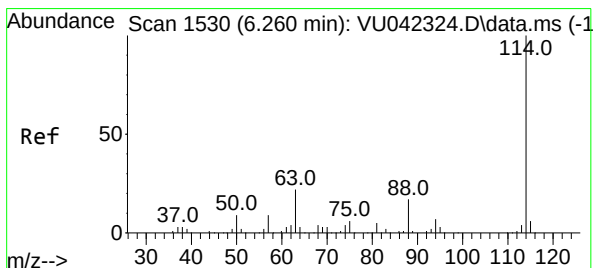
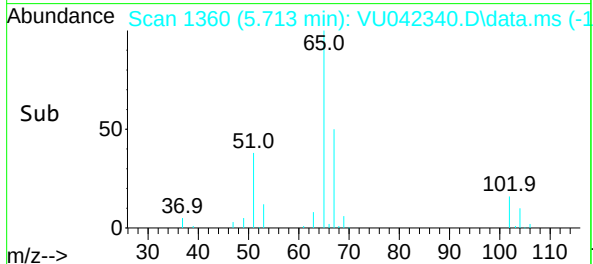
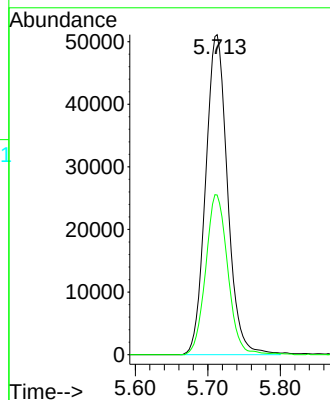
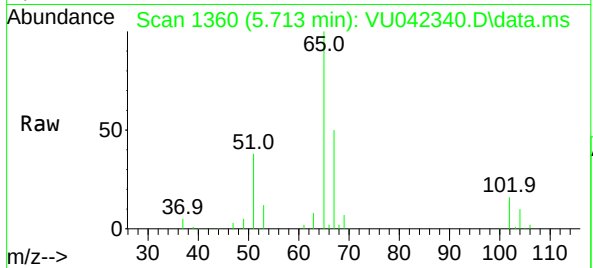
Acq: 18 Feb 2021 10:31

Tgt Ion: 65 Resp: 107104

Ion Ratio Lower Upper

65 100

67 50.4 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. -0.003 min

Lab File: VU042340.D

Acq: 18 Feb 2021 10:31

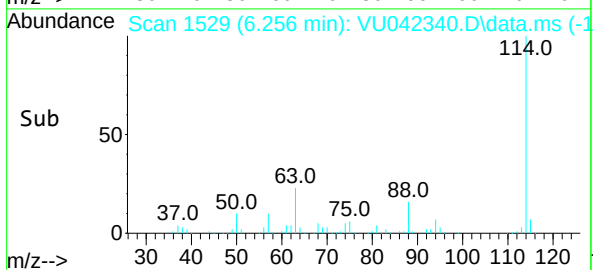
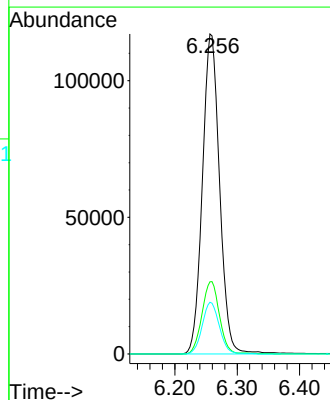
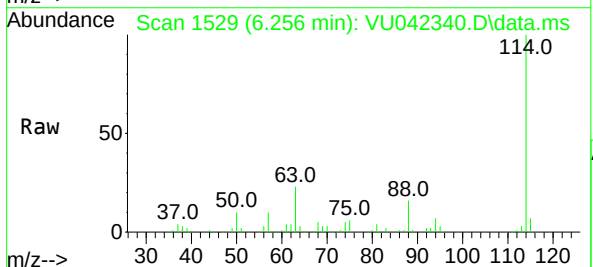
Tgt Ion: 114 Resp: 224310

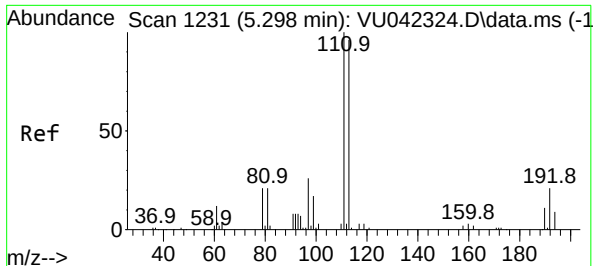
Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.2

88 16.1 0.0 33.4

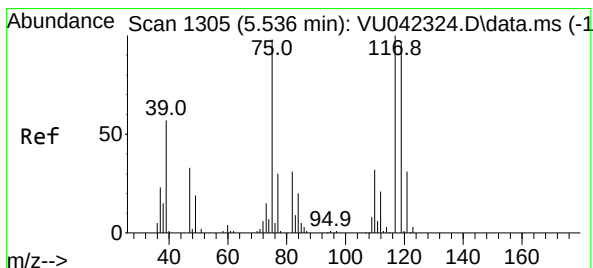
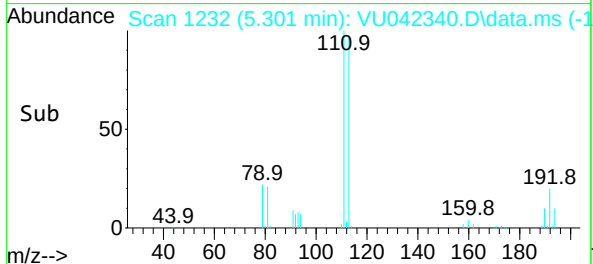
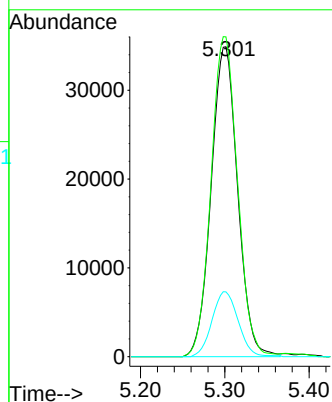
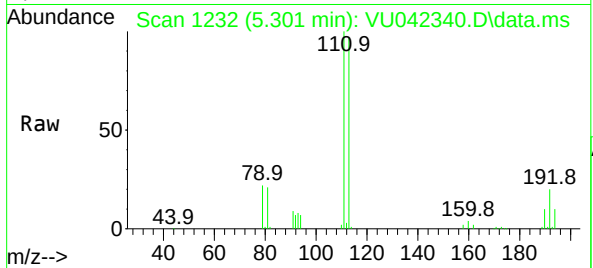




#35
Dibromofluoromethane
Concen: 48.16 ug/l
RT: 5.301 min Scan# 1232
Delta R.T. 0.003 min
Lab File: VU042340.D
Acq: 18 Feb 2021 10:31

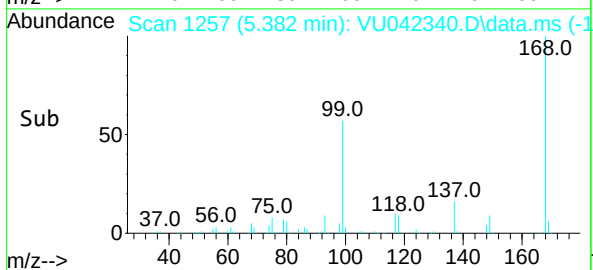
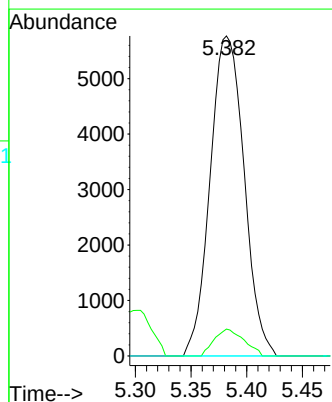
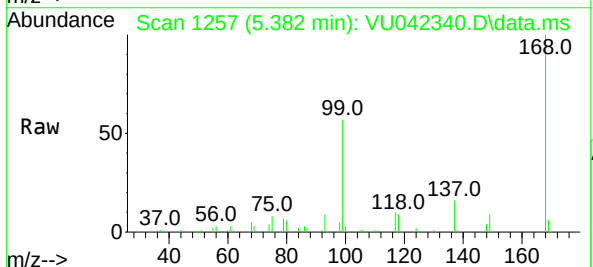
Instrument :
MSVOA_U
ClientSampleId :

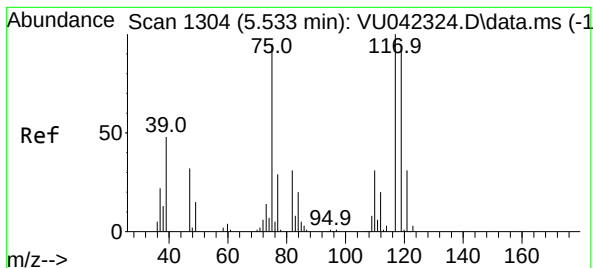
Tgt Ion:113 Resp: 76255
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 20.7 17.2 25.8



#36
1,1-Dichloropropene
Concen: 5.52 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.154 min
Lab File: VU042340.D
Acq: 18 Feb 2021 10:31

Tgt Ion: 75 Resp: 12233
Ion Ratio Lower Upper
75 100
110 7.3 16.8 50.3#
77 0.0 24.8 37.2#

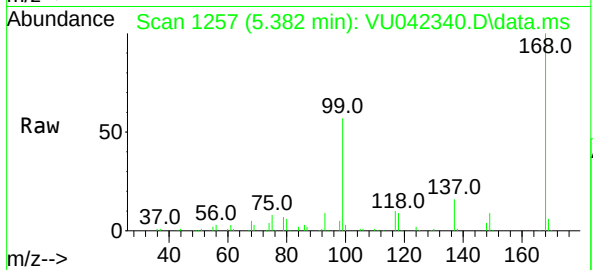




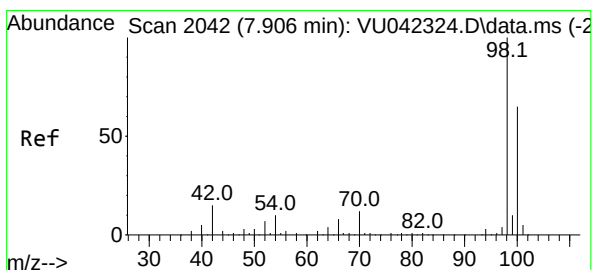
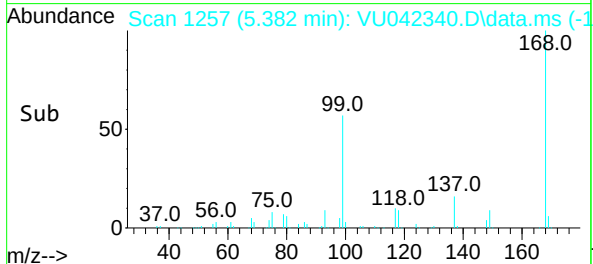
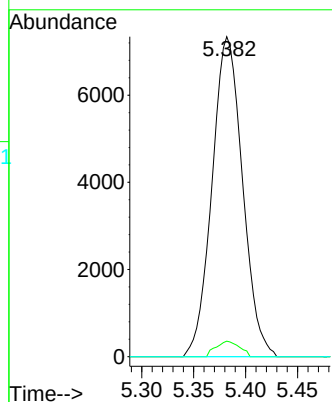
#38

Carbon Tetrachloride
Concen: 6.32 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042340.D
Acq: 18 Feb 2021 10:31

Instrument :
MSVOA_U
ClientSampled :



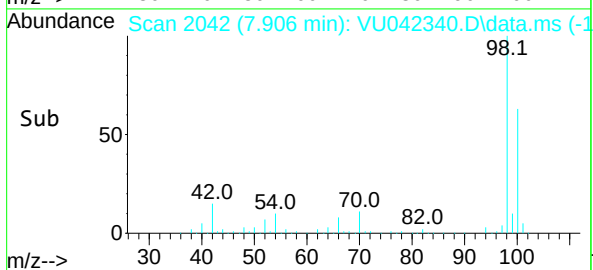
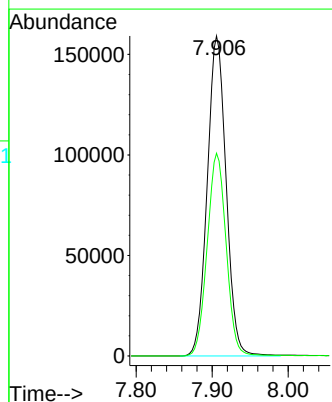
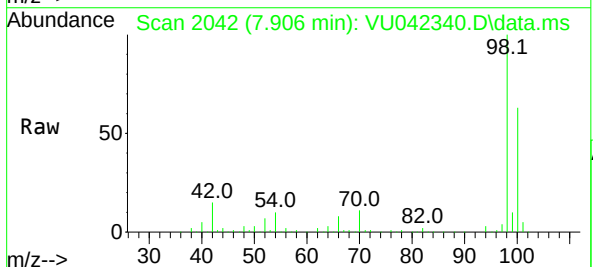
Tgt Ion:117 Resp: 14977
Ion Ratio Lower Upper
117 100
119 4.8 75.5 113.3#
121 0.0 24.7 37.1#

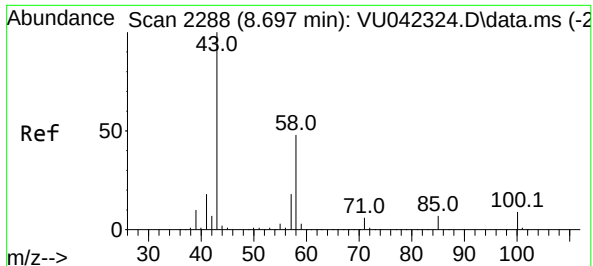


#50

Toluene-d8
Concen: 48.38 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042340.D
Acq: 18 Feb 2021 10:31

Tgt Ion: 98 Resp: 274317
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2

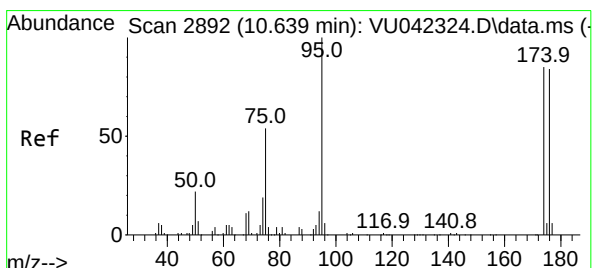
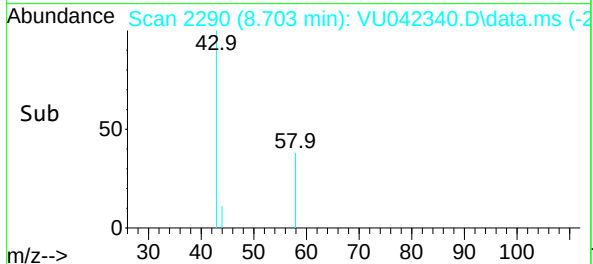
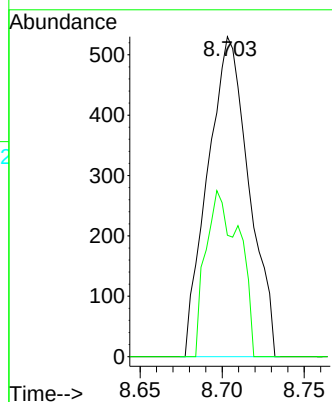
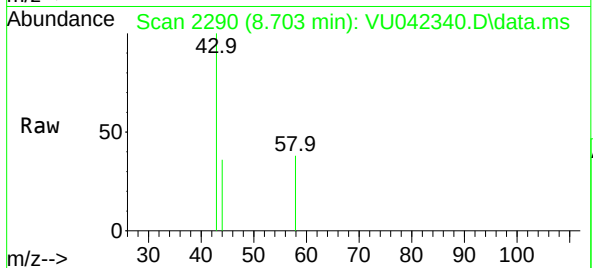




#59
2-Hexanone
Concen: 0.34 ug/l
RT: 8.703 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VU042340.D
Acq: 18 Feb 2021 10:31

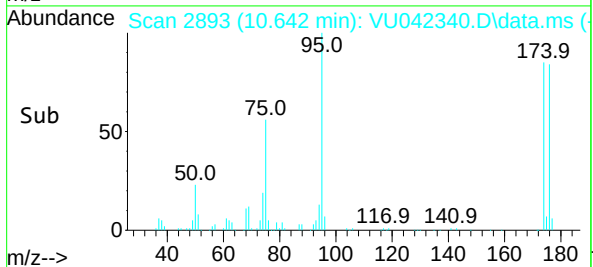
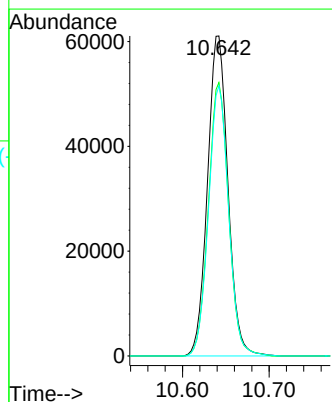
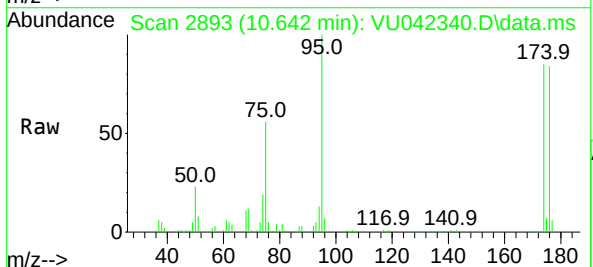
Instrument :
MSVOA_U
ClientSampled :

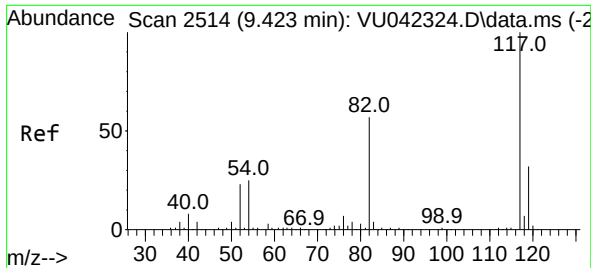
Tgt Ion: 43 Resp: 924
Ion Ratio Lower Upper
43 100
58 42.1 24.0 72.0



#62
4-Bromofluorobenzene
Concen: 44.89 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU042340.D
Acq: 18 Feb 2021 10:31

Tgt Ion: 95 Resp: 100331
Ion Ratio Lower Upper
95 100
174 84.4 0.0 172.2
176 82.9 0.0 168.8

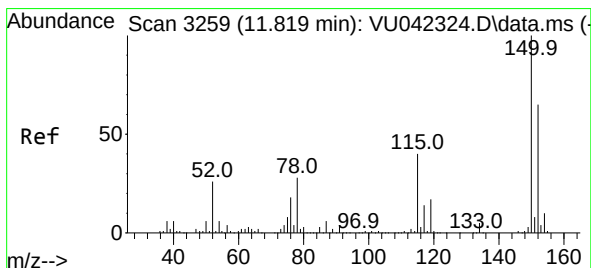
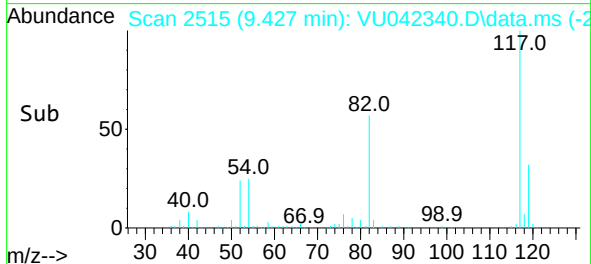
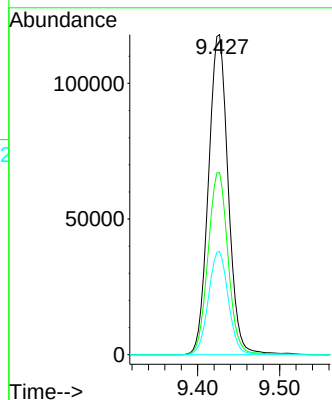
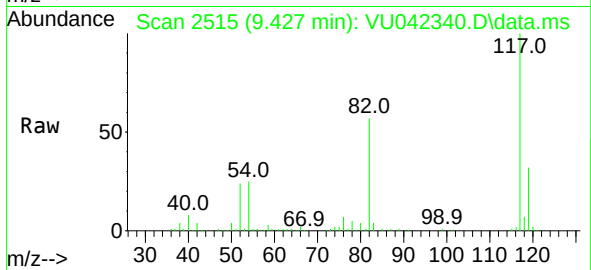




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. 0.003 min
Lab File: VU042340.D
Acq: 18 Feb 2021 10:31

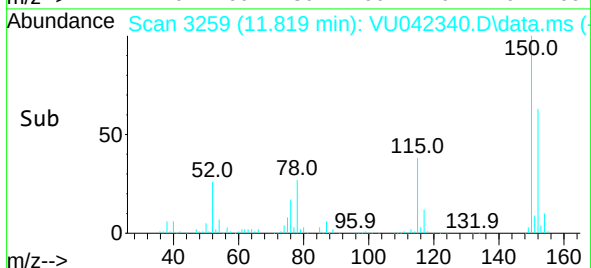
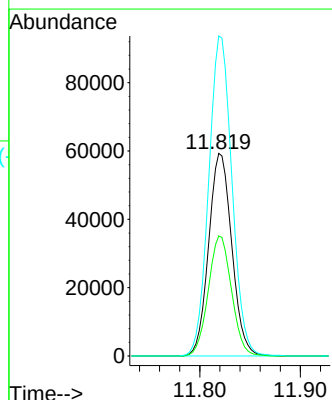
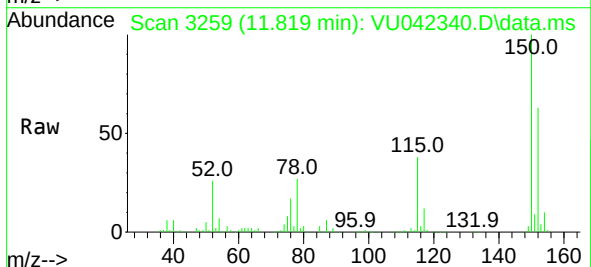
Instrument :
MSVOA_U
ClientSampleId :

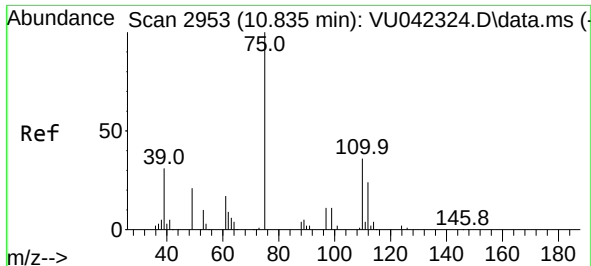
Tgt Ion:117 Resp: 196904
Ion Ratio Lower Upper
117 100
82 56.9 45.8 68.6
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042340.D
Acq: 18 Feb 2021 10:31

Tgt Ion:152 Resp: 94859
Ion Ratio Lower Upper
152 100
115 59.3 41.5 124.6
150 158.6 0.0 342.4

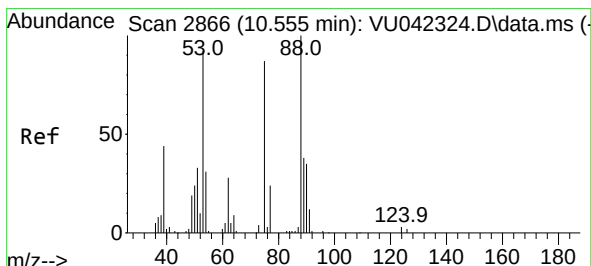
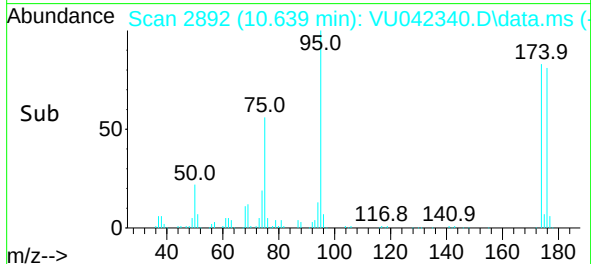
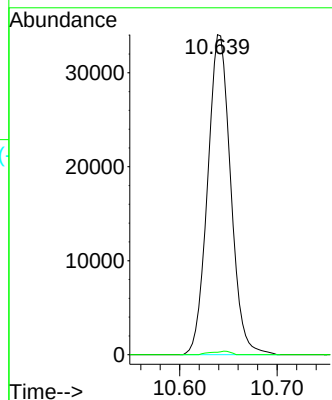
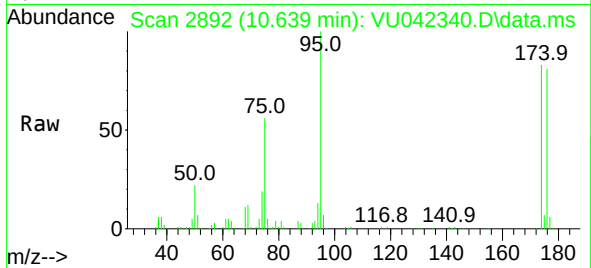




#76
1,2,3-Trichloropropane
Concen: 23.82 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU042340.D
Acq: 18 Feb 2021 10:31

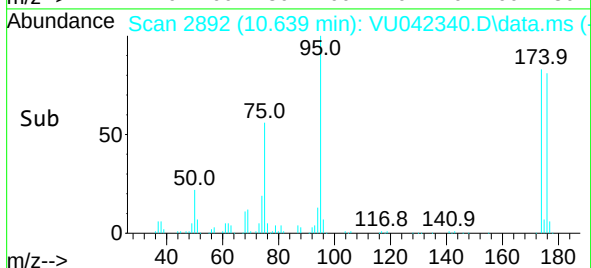
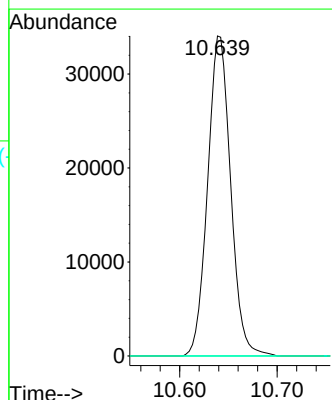
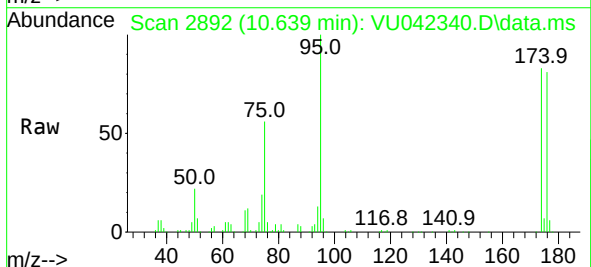
Instrument :
MSVOA_U
ClientSampled :

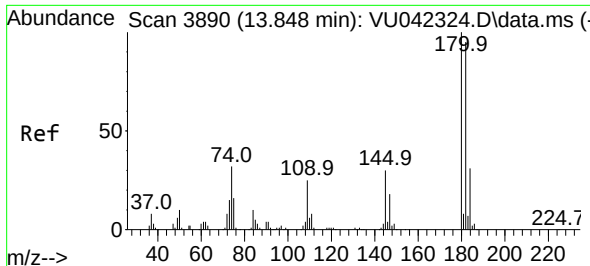
Tgt Ion: 75 Resp: 55868
Ion Ratio Lower Upper
75 100
77 0.9 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.76 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU042340.D
Acq: 18 Feb 2021 10:31

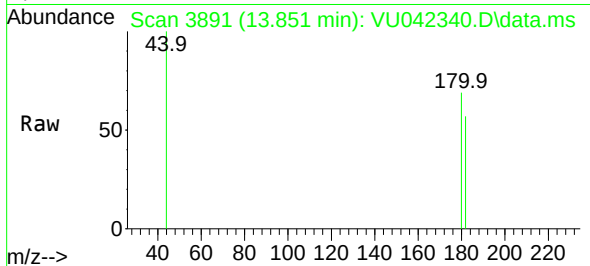
Tgt Ion: 75 Resp: 55868
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



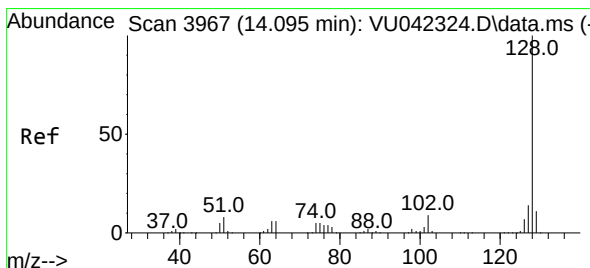
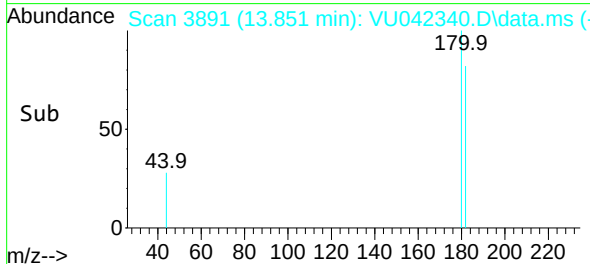
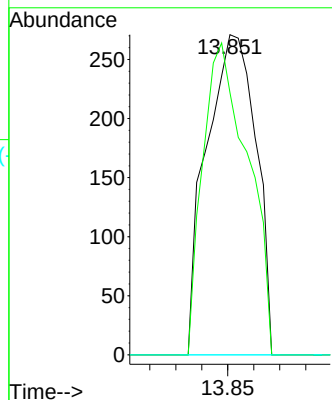


#93
1,2,4-Trichlorobenzene
Concen: 1.85 ug/l
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU042340.D
Acq: 18 Feb 2021 10:31

Instrument :
MSVOA_U
ClientSampled :

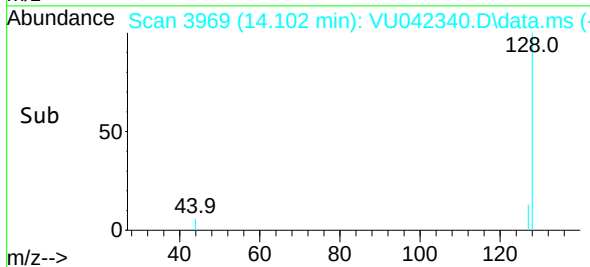
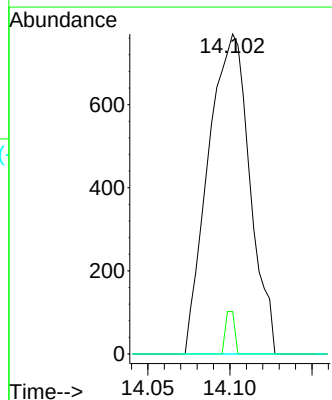
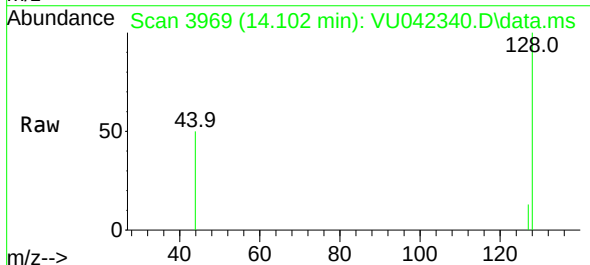


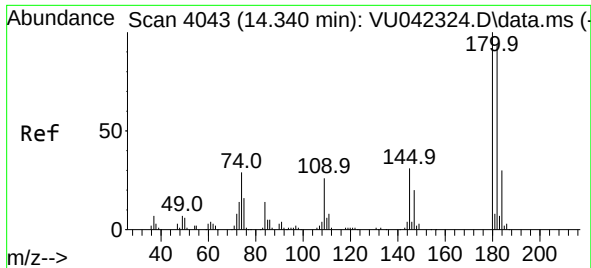
Tgt Ion:180 Resp: 358
Ion Ratio Lower Upper
180 100
182 88.8 46.9 140.8
145 0.0 14.4 43.4#



#95
Naphthalene
Concen: 2.42 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.007 min
Lab File: VU042340.D
Acq: 18 Feb 2021 10:31

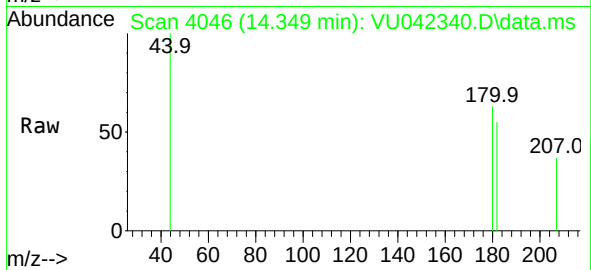
Tgt Ion:128 Resp: 1356
Ion Ratio Lower Upper
128 100
127 2.9 10.8 16.2#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.83 ug/l
 RT: 14.349 min Scan# 4046
 Delta R.T. 0.009 min
 Lab File: VU042340.D
 Acq: 18 Feb 2021 10:31

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	334
Ion	Ratio	Lower	Upper
180	100		
182	126.0	48.0	144.0
145	0.0	15.5	46.5#

