

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022221\
 Data File : VU042392.D
 Acq On : 22 Feb 2021 14:15
 Operator : SY/MD
 Sample : I.BLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 22 14:57:34 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)

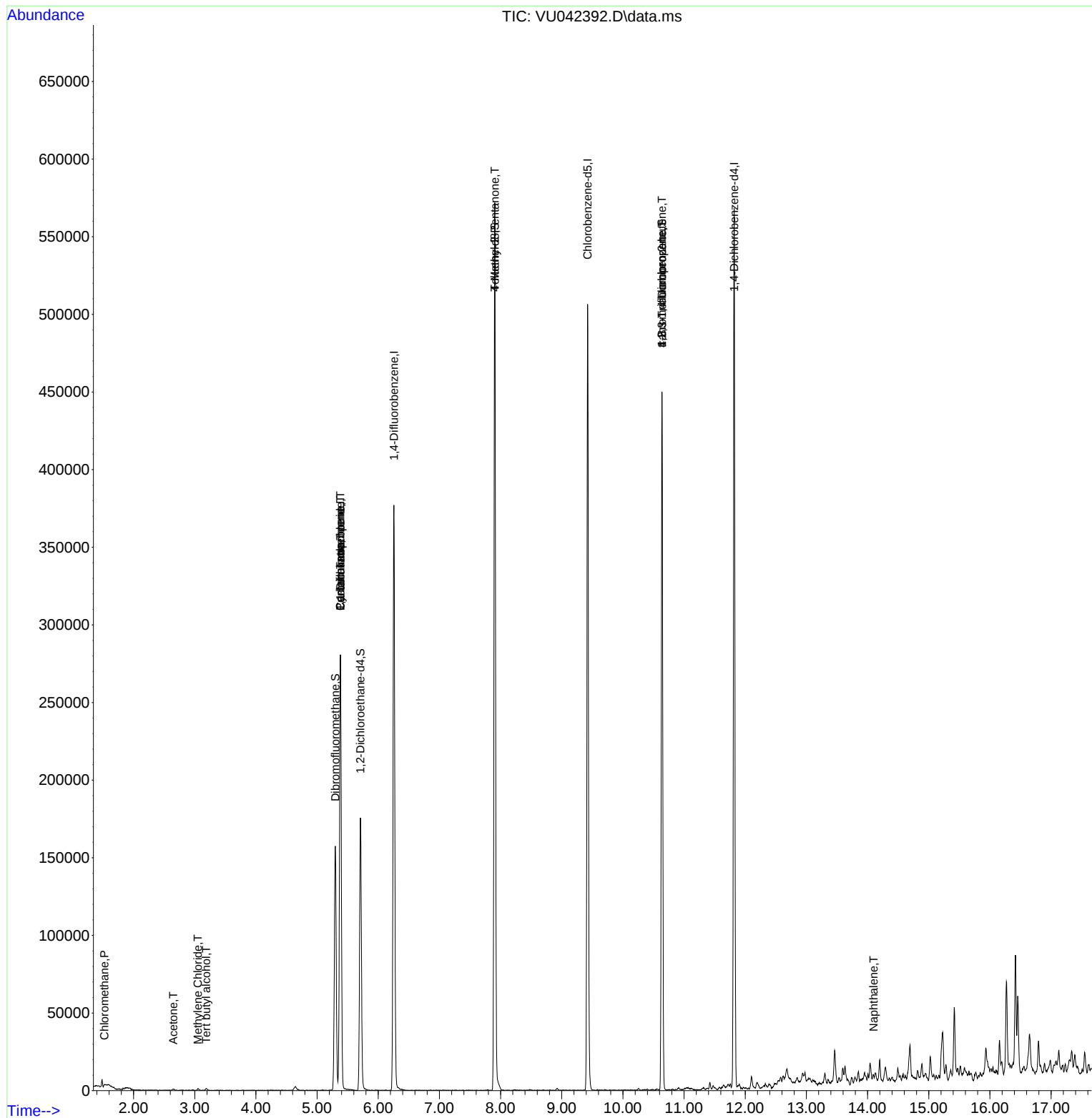
Internal Standards						
1) Pentafluorobenzene	5.382	168	201069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	296157	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	266638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	140358	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	137565	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	
35) Dibromofluoromethane	5.298	113	100265	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
50) Toluene-d8	7.906	98	362971	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
62) 4-Bromofluorobenzene	10.639	95	138915	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
Target Compounds						
						Qvalue
3) Chloromethane	1.523	50	511	0.21	ug/l	100
11) Tert butyl alcohol	3.186	59	755	1.16	ug/l #	94
16) Acetone	2.649	43	1293	0.68	ug/l #	48
20) Methylene Chloride	3.051	84	470	0.22	ug/l #	81
31) Cyclohexane	5.382	56	4355	1.09	ug/l #	2
36) 1,1-Dichloropropene	5.382	75	15212	5.19	ug/l #	47
38) Carbon Tetrachloride	5.382	117	19122	6.11	ug/l #	16
51) 4-Methyl-2-Pentanone	7.906	43	1943	0.43	ug/l #	1
76) 1,2,3-Trichloropropane	10.639	75	75242	21.68	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	75242	58.95	ug/l #	7
95) Naphthalene	14.098	128	3681	2.59	ug/l #	86

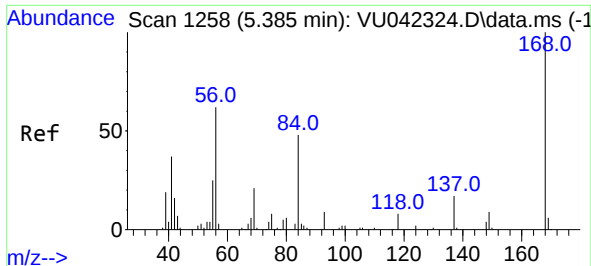
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

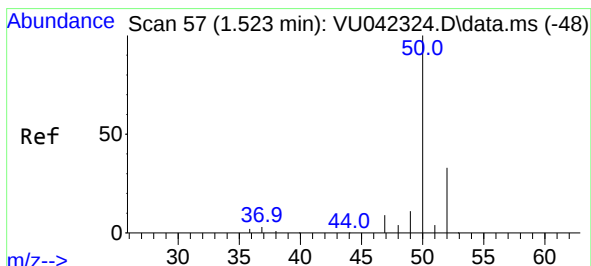
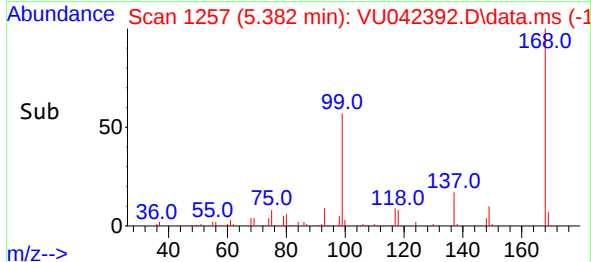
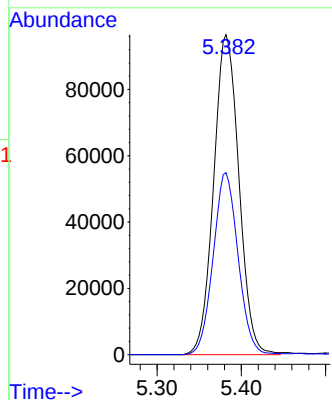
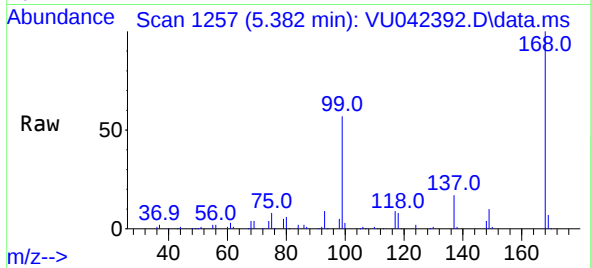




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042392.D
Acq: 22 Feb 2021 14:15

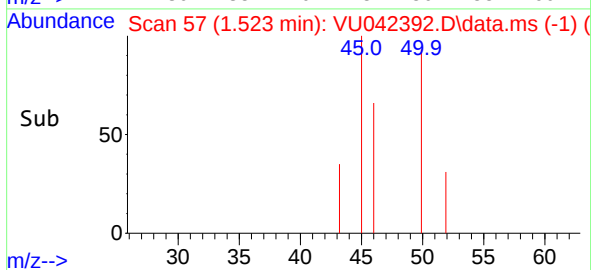
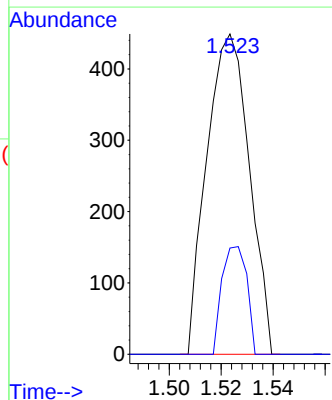
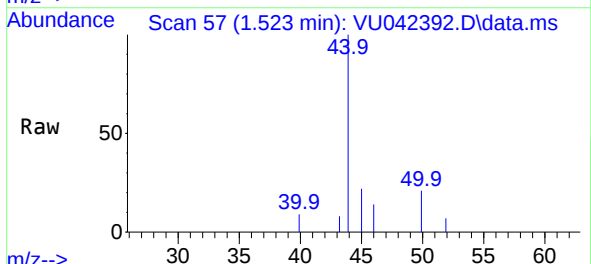
Instrument :
MSVOA_U
ClientSampled :

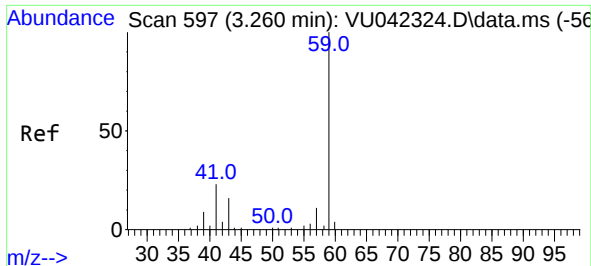
Tgt Ion:168 Resp: 201069
Ion Ratio Lower Upper
168 100
99 56.9 45.0 67.4



#3
Chloromethane
Concen: 0.21 ug/l
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042392.D
Acq: 22 Feb 2021 14:15

Tgt Ion: 50 Resp: 511
Ion Ratio Lower Upper
50 100
52 33.2 26.6 40.0

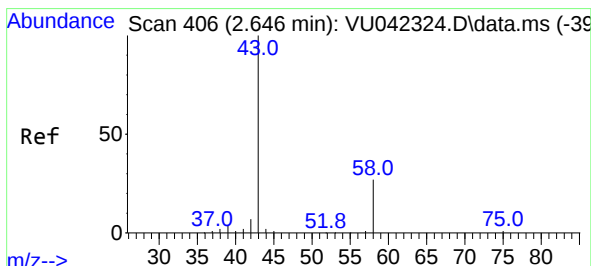
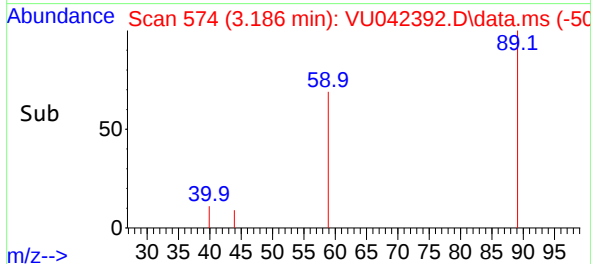
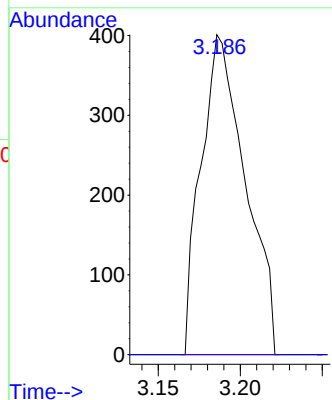
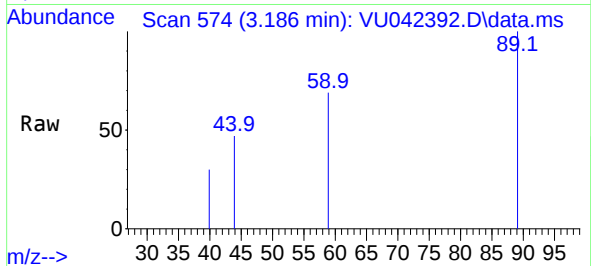




#11
Tert butyl alcohol
Concen: 1.16 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.074 min
Lab File: VU042392.D
Acq: 22 Feb 2021 14:15

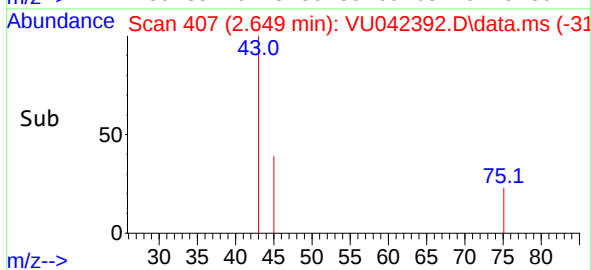
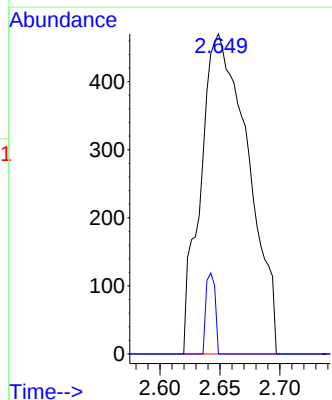
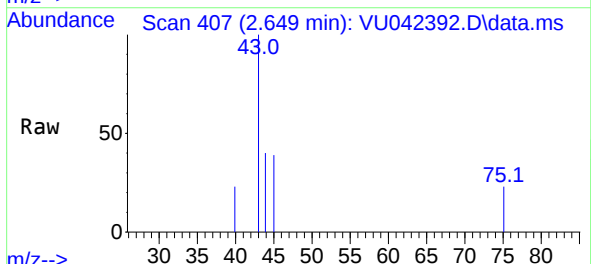
Instrument :
MSVOA_U
ClientSampleId :

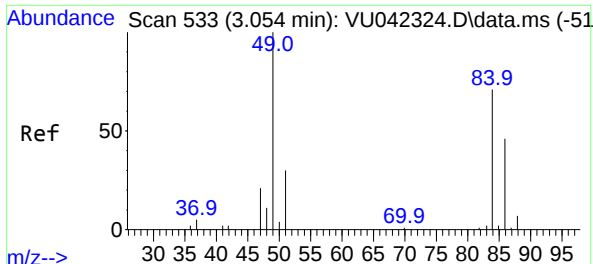
Tgt Ion: 59 Resp: 755
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#16
Acetone
Concen: 0.68 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.003 min
Lab File: VU042392.D
Acq: 22 Feb 2021 14:15

Tgt Ion: 43 Resp: 1293
Ion Ratio Lower Upper
43 100
58 0.0 21.5 32.3#



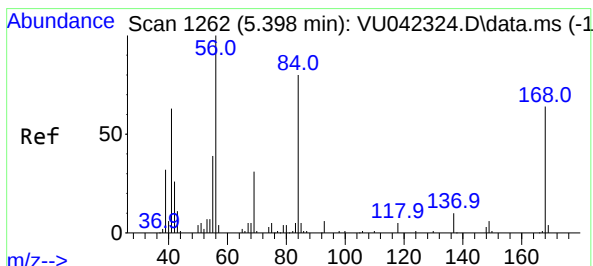
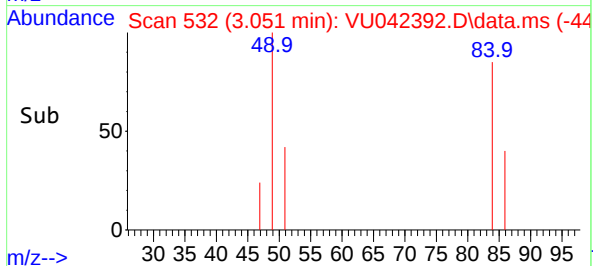
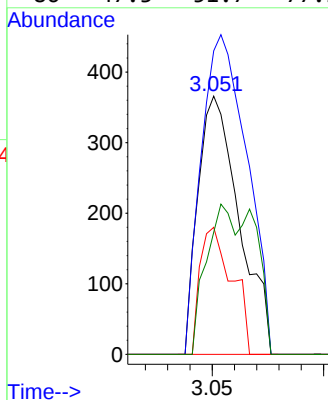
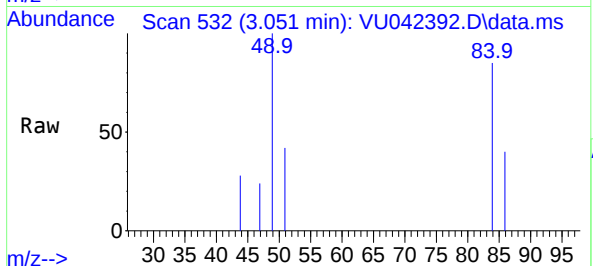


#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU042392.D
Acq: 22 Feb 2021 14:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 470

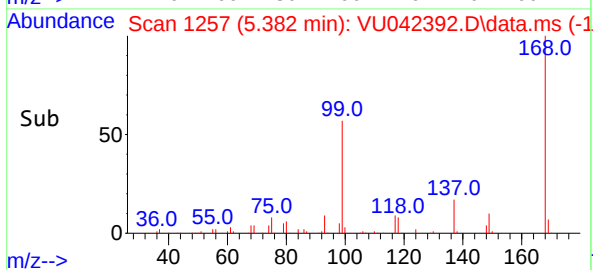
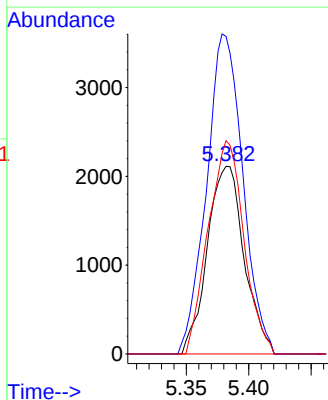
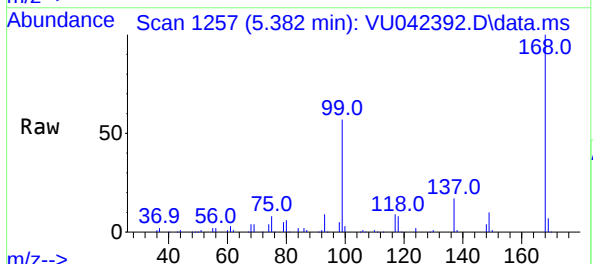
Ion	Ratio	Lower	Upper
84	100		
49	117.5	112.6	169.0
51	49.2	33.7	50.5
86	47.3	51.7	77.5#

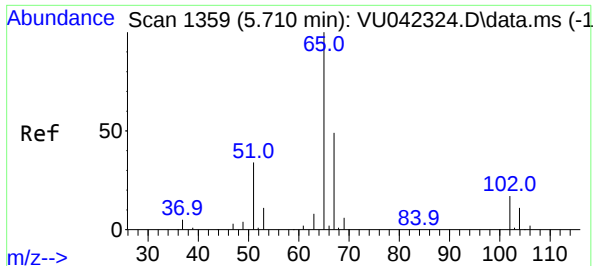


#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VU042392.D
Acq: 22 Feb 2021 14:15

Tgt Ion: 56 Resp: 4355

Ion	Ratio	Lower	Upper
56	100		
69	169.2	24.9	37.3#
84	113.7	63.7	95.5#

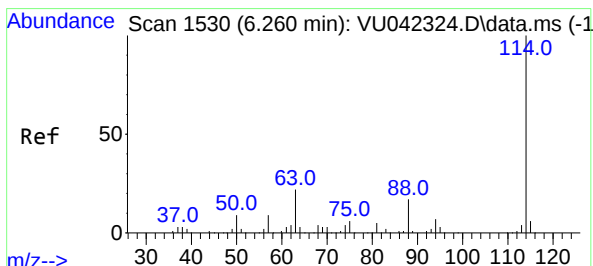
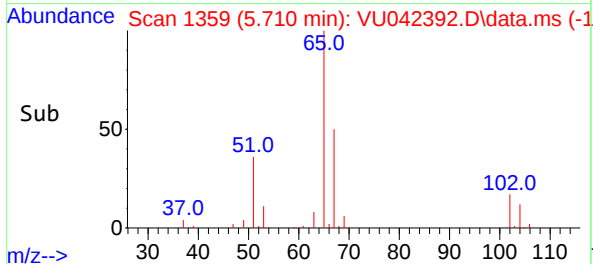
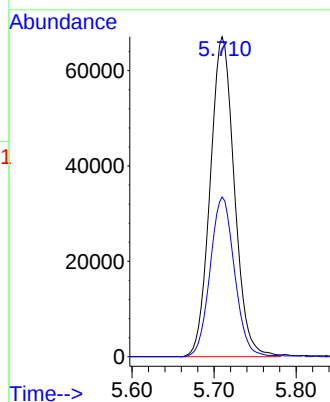
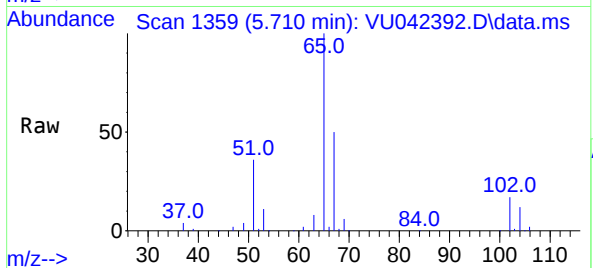




#33
1,2-Dichloroethane-d4
Concen: 45.11 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042392.D
Acq: 22 Feb 2021 14:15

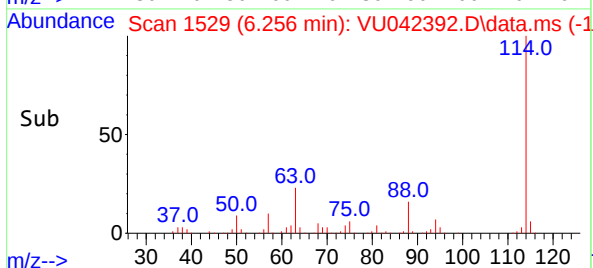
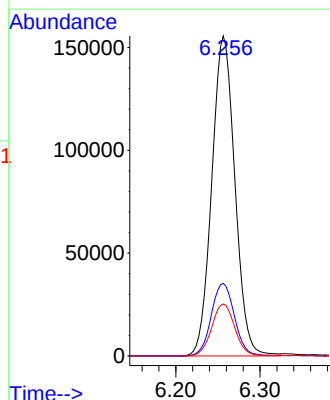
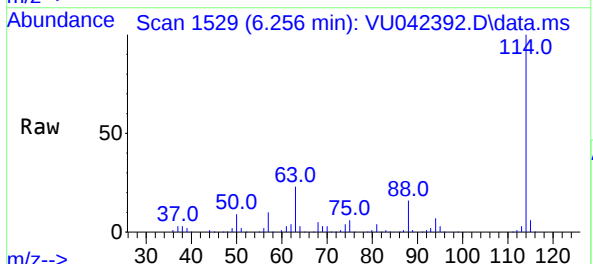
Instrument :
MSVOA_U
ClientSampleId :

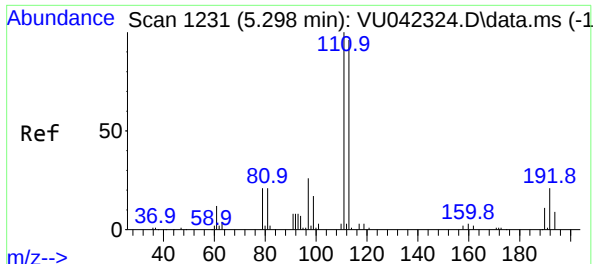
Tgt Ion: 65 Resp: 137565
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.003 min
Lab File: VU042392.D
Acq: 22 Feb 2021 14:15

Tgt Ion: 114 Resp: 296157
Ion Ratio Lower Upper
114 100
63 22.7 0.0 44.2
88 16.3 0.0 33.4



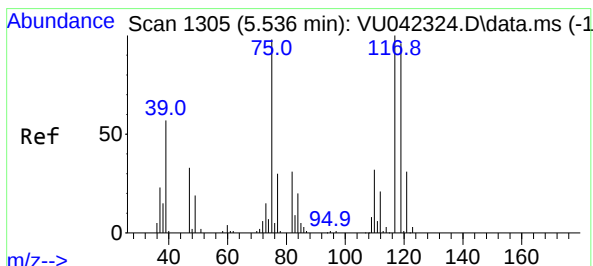
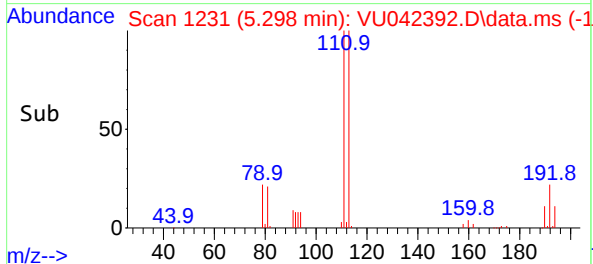
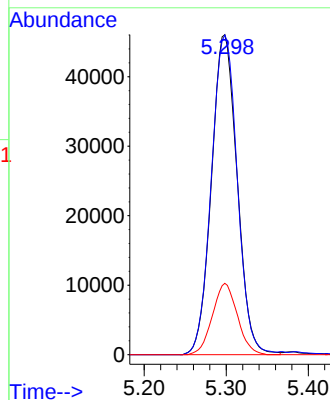
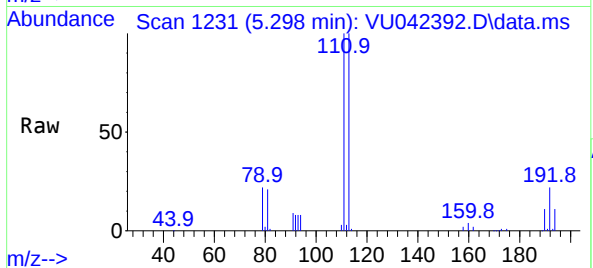


#35
Dibromofluoromethane
Concen: 47.97 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042392.D
Acq: 22 Feb 2021 14:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:113 Resp: 100265

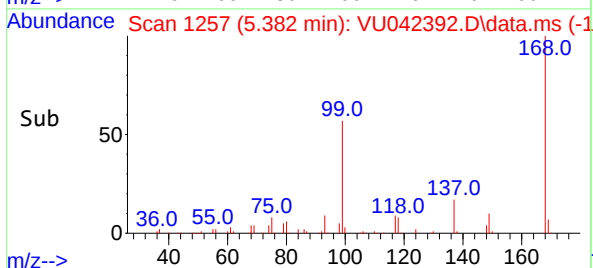
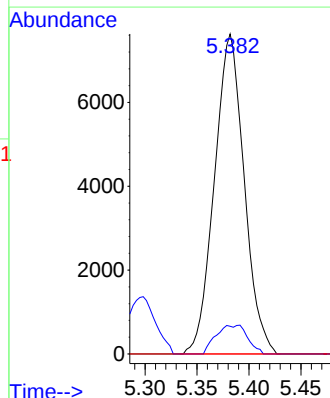
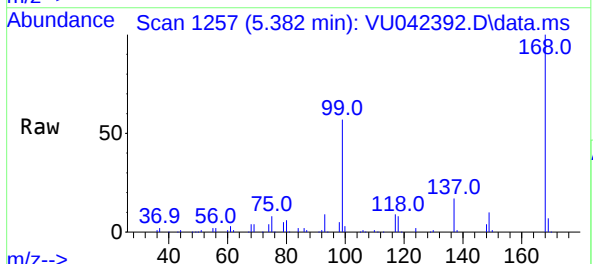
Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.8	122.8
192	21.7	17.2	25.8

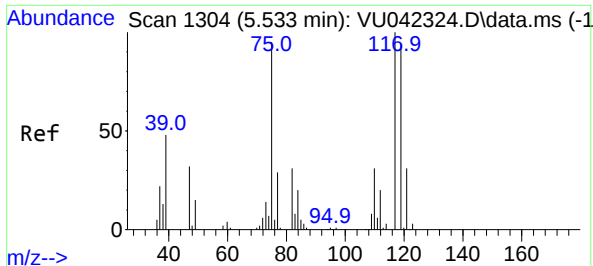


#36
1,1-Dichloropropene
Concen: 5.19 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.154 min
Lab File: VU042392.D
Acq: 22 Feb 2021 14:15

Tgt Ion: 75 Resp: 15212

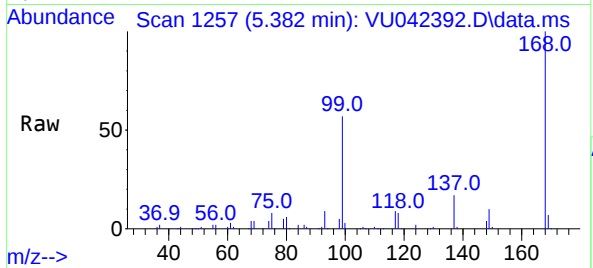
Ion	Ratio	Lower	Upper
75	100		
110	5.6	16.8	50.3#
77	0.0	24.8	37.2#



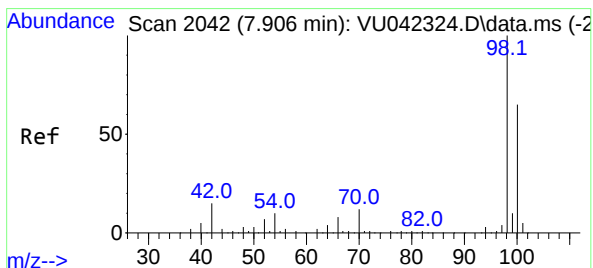
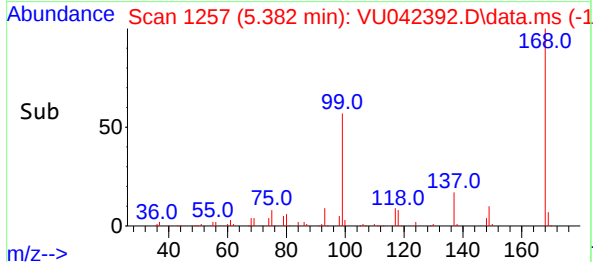
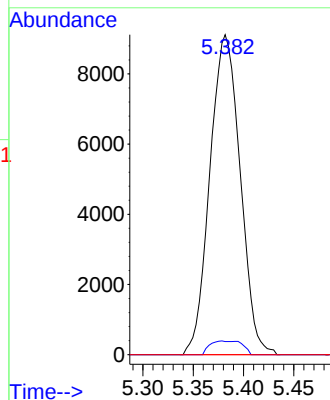


#38
Carbon Tetrachloride
Concen: 6.11 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042392.D
Acq: 22 Feb 2021 14:15

Instrument :
MSVOA_U
ClientSampleId :

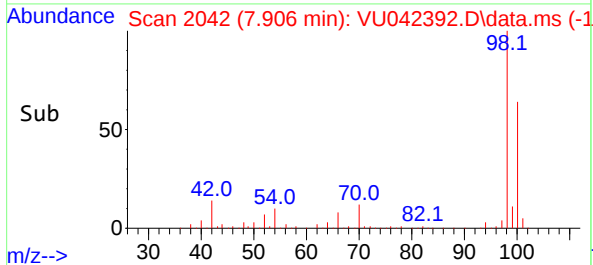
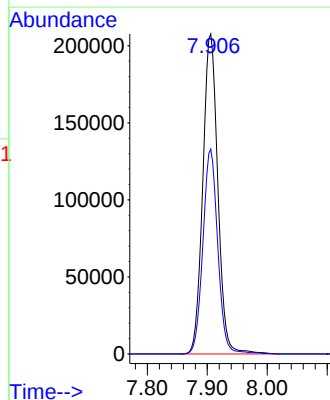
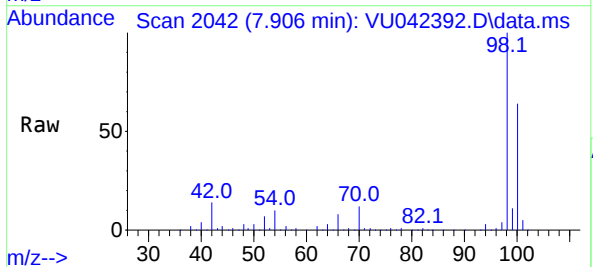


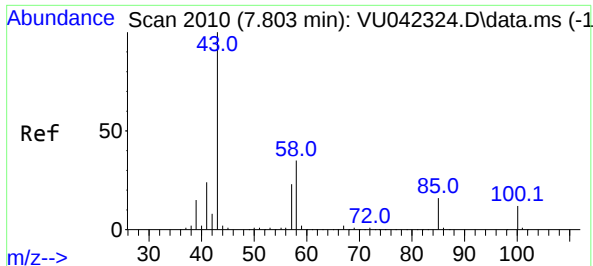
Tgt Ion:117 Resp: 19122
Ion Ratio Lower Upper
117 100
119 4.1 75.5 113.3#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.48 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042392.D
Acq: 22 Feb 2021 14:15

Tgt Ion: 98 Resp: 362971
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2

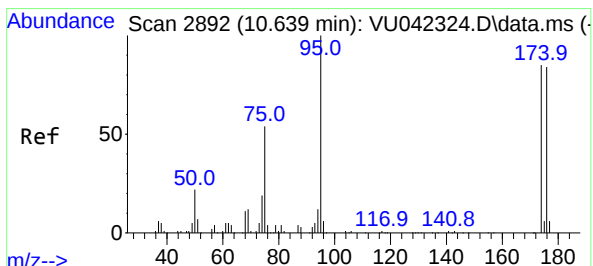
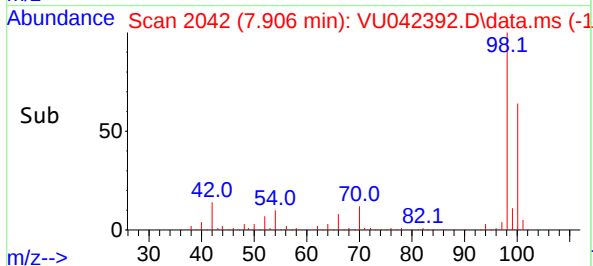
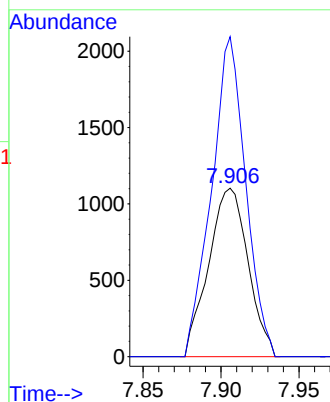
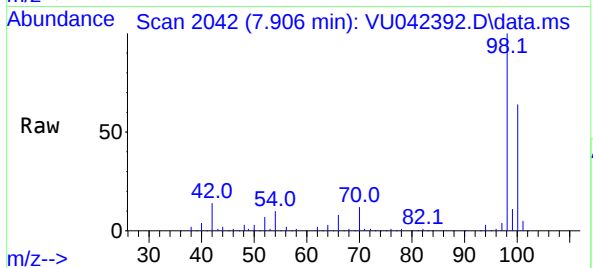




#51
4-Methyl-2-Pentanone
Concen: 0.43 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.103 min
Lab File: VU042392.D
Acq: 22 Feb 2021 14:15

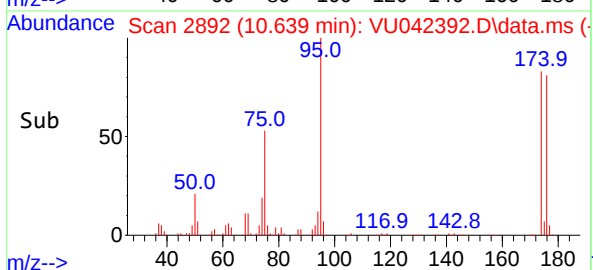
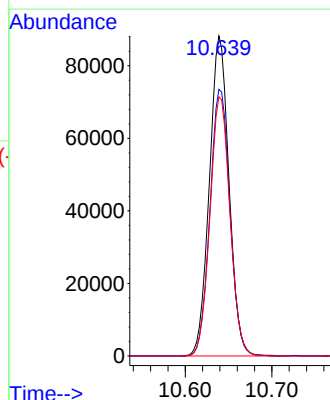
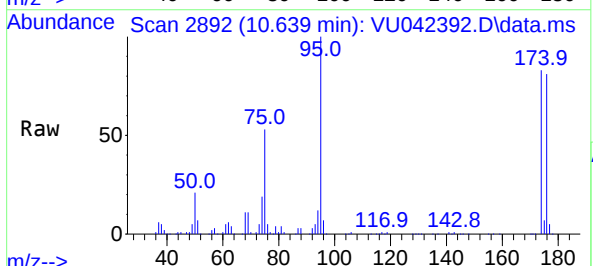
Instrument :
MSVOA_U
ClientSampled :

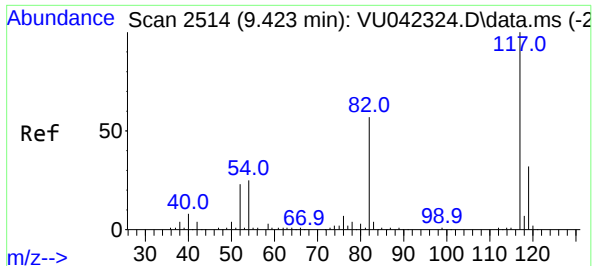
Tgt Ion: 43 Resp: 1943
Ion Ratio Lower Upper
43 100
58 164.3 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 47.08 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042392.D
Acq: 22 Feb 2021 14:15

Tgt Ion: 95 Resp: 138915
Ion Ratio Lower Upper
95 100
174 84.9 0.0 172.2
176 82.4 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: VU042392.D

Acq: 22 Feb 2021 14:15

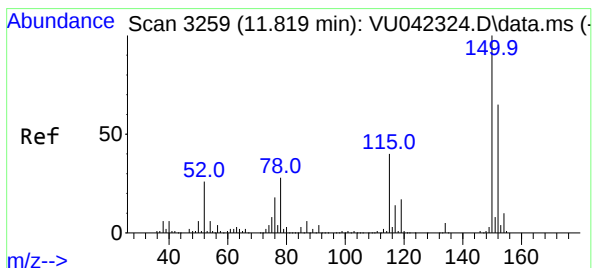
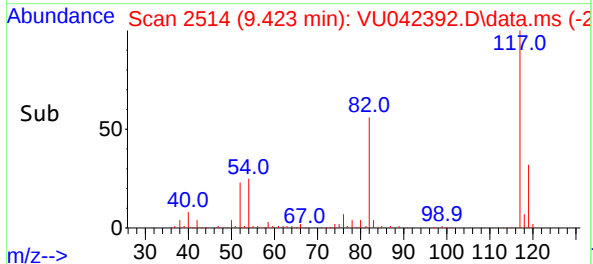
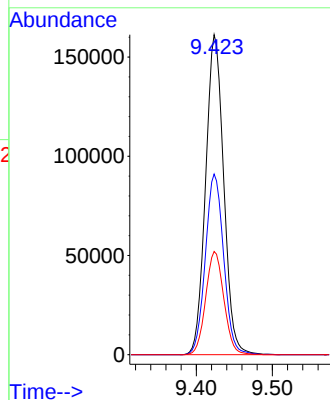
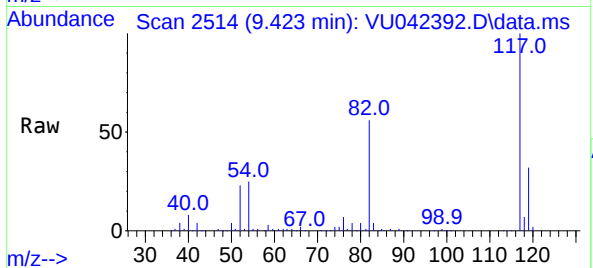
Tgt Ion:117 Resp: 266638

Ion Ratio Lower Upper

117 100

82 56.4 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: VU042392.D

Acq: 22 Feb 2021 14:15

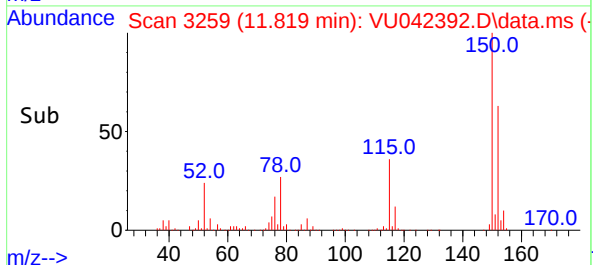
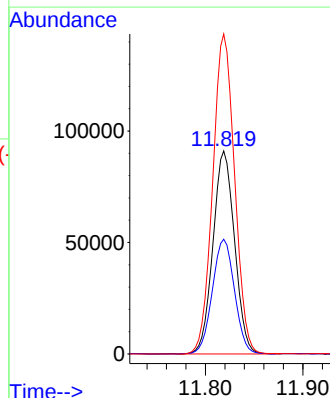
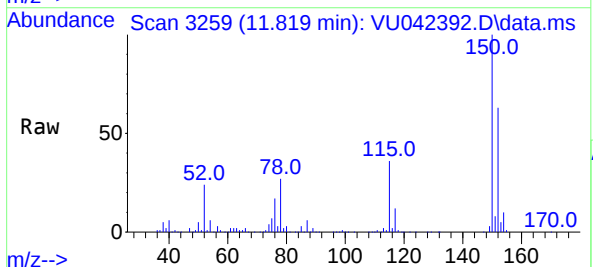
Tgt Ion:152 Resp: 140358

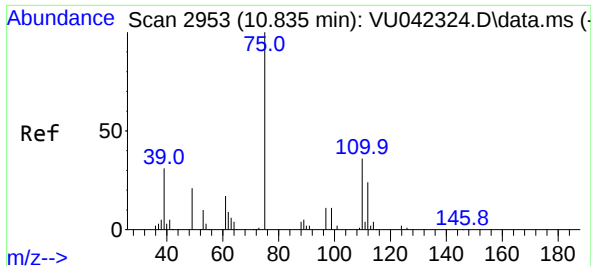
Ion Ratio Lower Upper

152 100

115 58.0 41.5 124.6

150 159.5 0.0 342.4

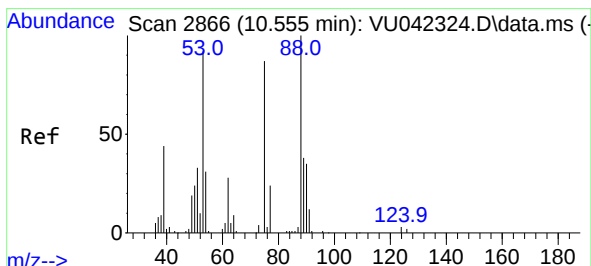
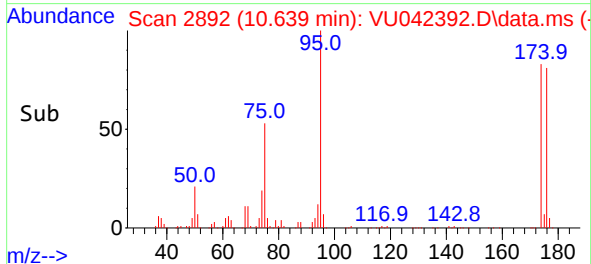
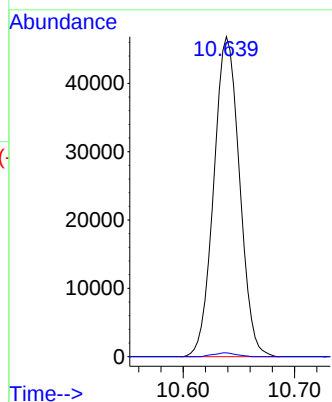
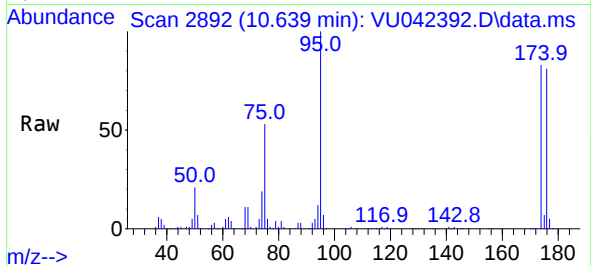




#76
1,2,3-Trichloropropane
Concen: 21.68 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU042392.D
Acq: 22 Feb 2021 14:15

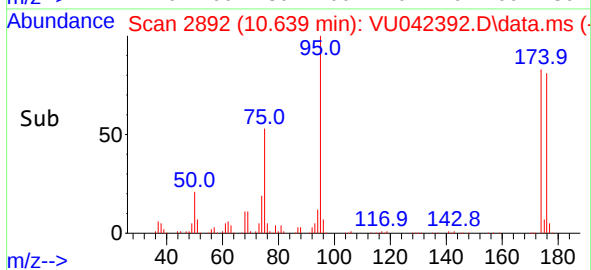
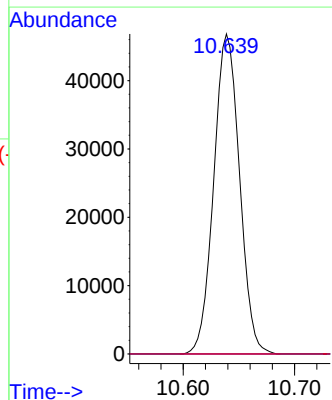
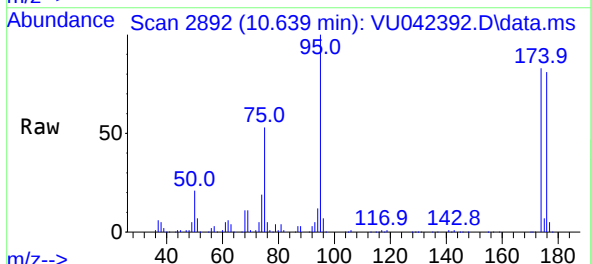
Instrument :
MSVOA_U
ClientSampled :

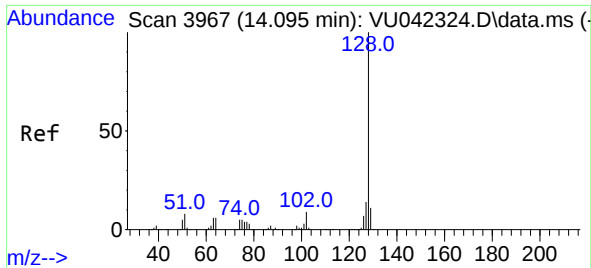
Tgt Ion: 75 Resp: 75242
Ion Ratio Lower Upper
75 100
77 1.1 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.95 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU042392.D
Acq: 22 Feb 2021 14:15

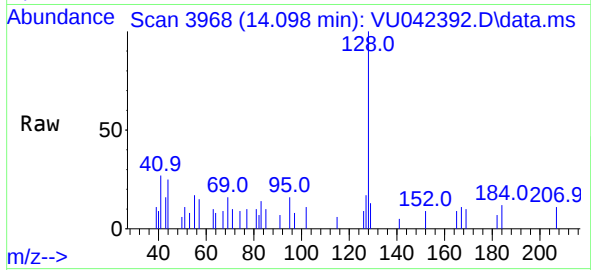
Tgt Ion: 75 Resp: 75242
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 2.59 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042392.D
Acq: 22 Feb 2021 14:15

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 3681
Ion Ratio Lower Upper
128 100
127 17.3 10.8 16.2#
129 17.8 8.6 13.0#

