

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022221\
 Data File : VU042402.D
 Acq On : 22 Feb 2021 17:57
 Operator : SY/MD
 Sample : PB134750ZHE#01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 23 01:05:02 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

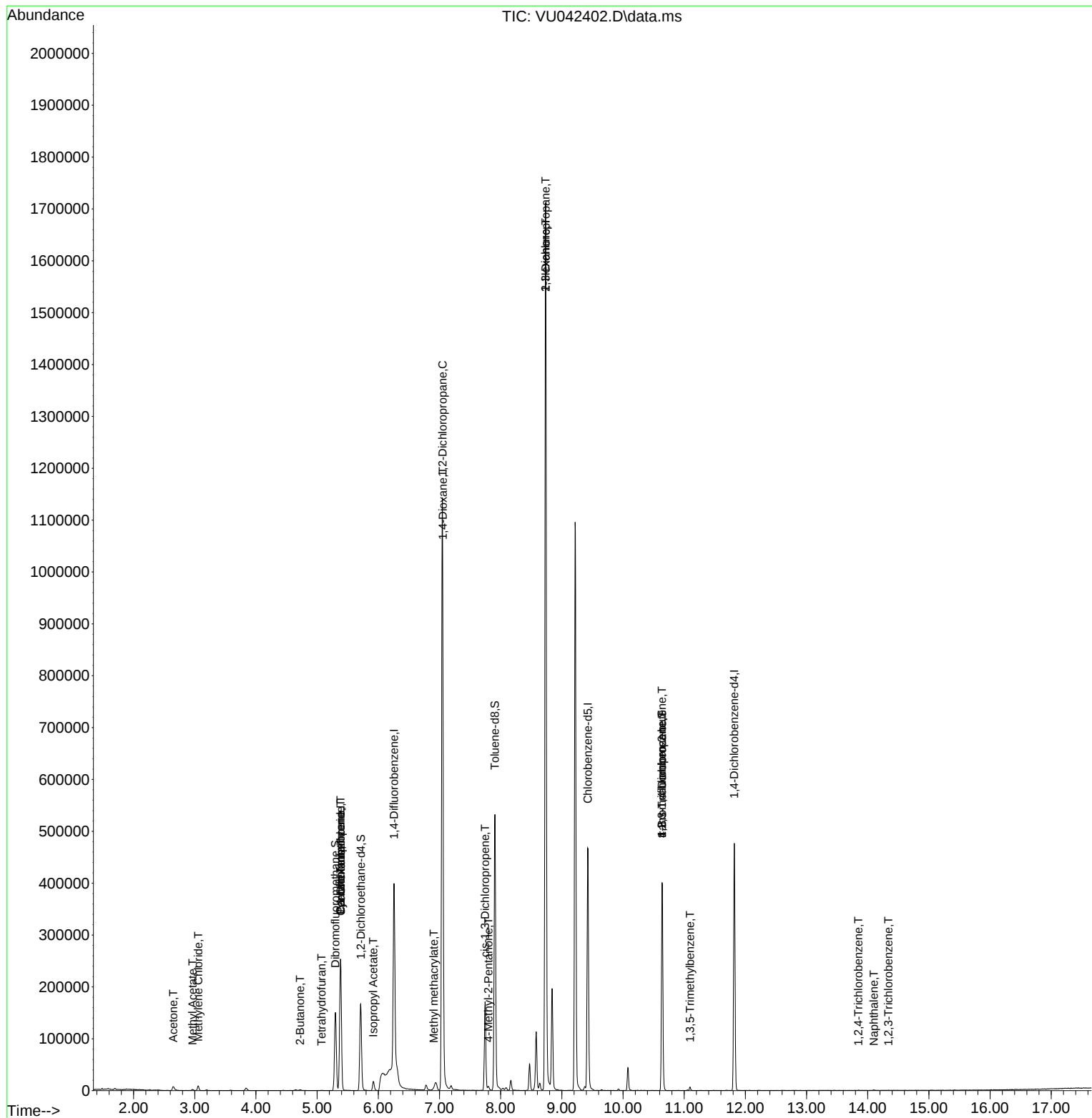
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.382	168	178873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	271432	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	246247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	120482	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	132153	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
35) Dibromofluoromethane	5.298	113	92543	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
50) Toluene-d8	7.906	98	335443	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	10.639	95	124606	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
Target Compounds						
					Qvalue	
16) Acetone	2.649	43	12740	7.57	ug/l	94
18) Methyl Acetate	2.964	43	3136	1.03	ug/l #	86
20) Methylene Chloride	3.057	84	3882	2.00	ug/l	96
25) 2-Butanone	4.723	43	3032	1.36	ug/l #	91
29) Tetrahydrofuran	5.073	42	331	0.24	ug/l #	42
31) Cyclohexane	5.385	56	4013	1.13	ug/l #	13
36) 1,1-Dichloropropene	5.382	75	14337	5.34	ug/l #	50
38) Carbon Tetrachloride	5.382	117	17639	6.15	ug/l #	16
43) Isopropyl Acetate	5.919	43	19626	3.20	ug/l	96
45) 1,2-Dichloropropane	7.051	63	1086	0.52	ug/l #	43
48) Methyl methacrylate	6.906	41	6458	2.13	ug/l #	17
49) 1,4-Dioxane	7.054	88	21	0.36	ug/l #	1
51) 4-Methyl-2-Pentanone	7.800	43	5601	1.35	ug/l	89
54) cis-1,3-Dichloropropene	7.745	75	27056	8.09	ug/l #	64
57) 1,3-Dichloropropane	8.735	76	15683	4.64	ug/l #	43
59) 2-Hexanone	8.735	43	277473	83.68	ug/l #	54
76) 1,2,3-Trichloropropane	10.639	75	68893	23.13	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.095	105	3621	0.52	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.639	75	68893	62.88	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.844	180	241	1.77	ug/l #	84
95) Naphthalene	14.102	128	1142	2.35	ug/l #	74
96) 1,2,3-Trichlorobenzene	14.340	180	202	1.75	ug/l #	79

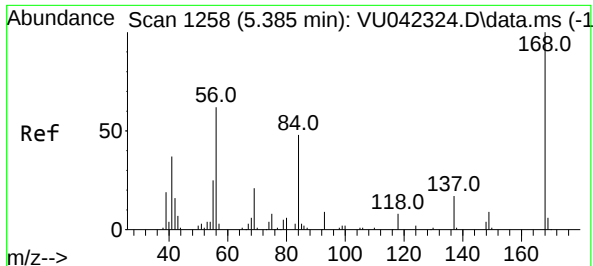
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022221\
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Feb 23 01:05:02 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

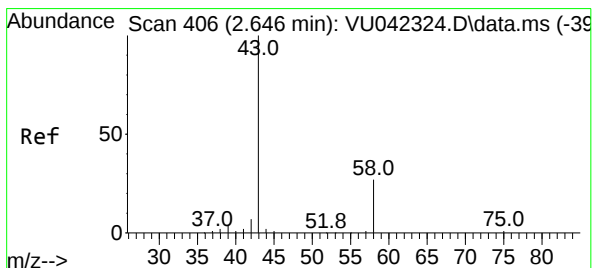
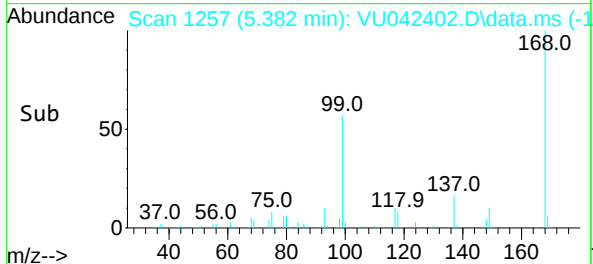
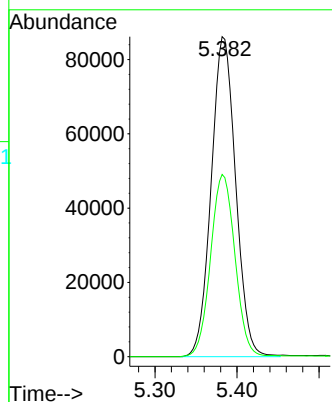
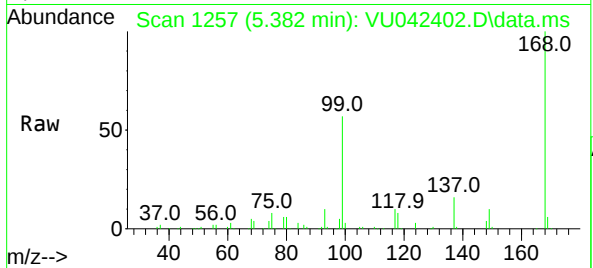




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

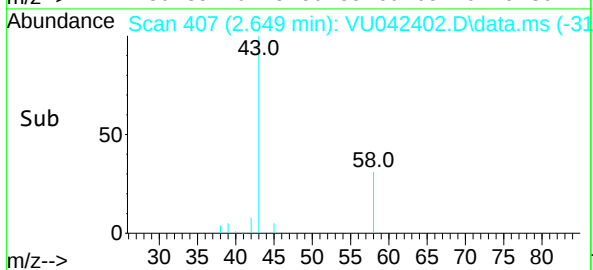
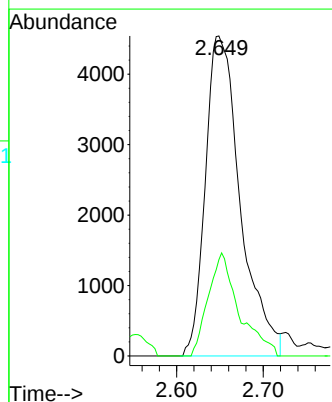
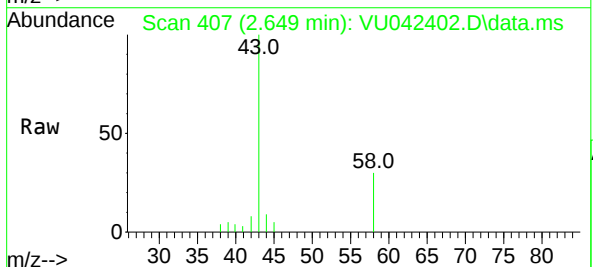
Instrument :
MSVOA_U
ClientSampled :

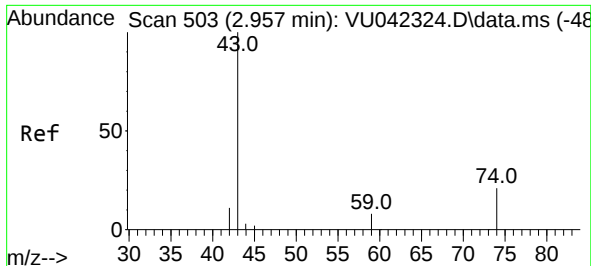
Tgt Ion:168 Resp: 178873
Ion Ratio Lower Upper
168 100
99 56.9 45.0 67.4



#16
Acetone
Concen: 7.57 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.003 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

Tgt Ion: 43 Resp: 12740
Ion Ratio Lower Upper
43 100
58 30.1 21.5 32.3

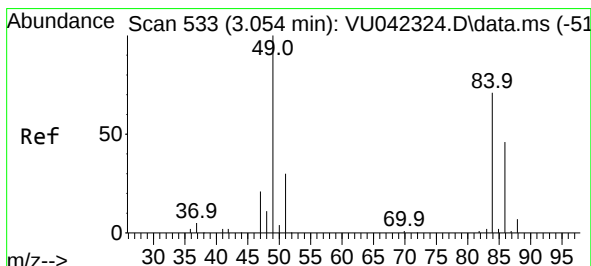
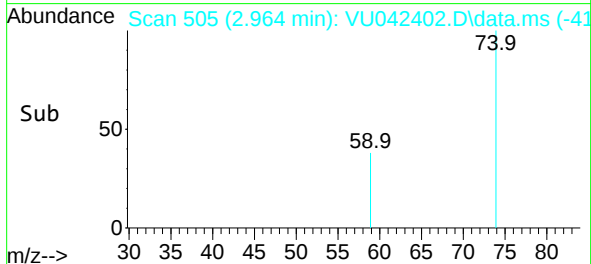
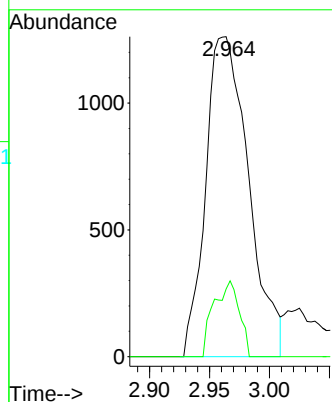
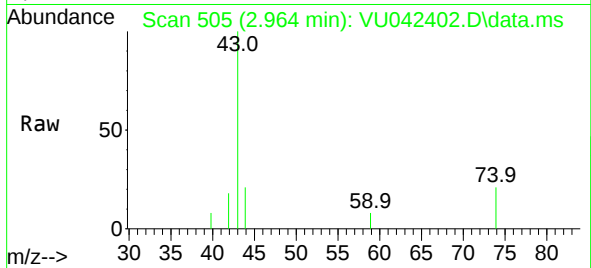




#18
Methyl Acetate
Concen: 1.03 ug/l
RT: 2.964 min Scan# 505
Delta R.T. 0.006 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

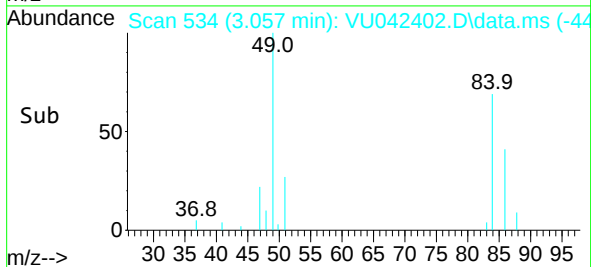
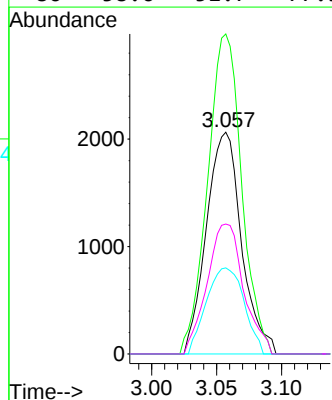
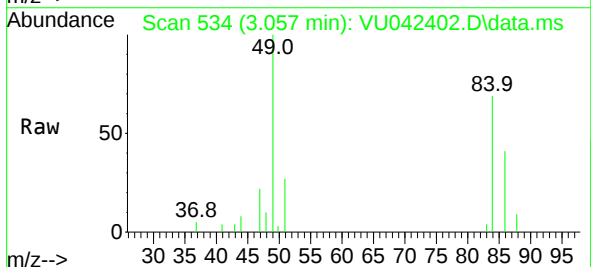
Instrument :
MSVOA_U
ClientSampled :

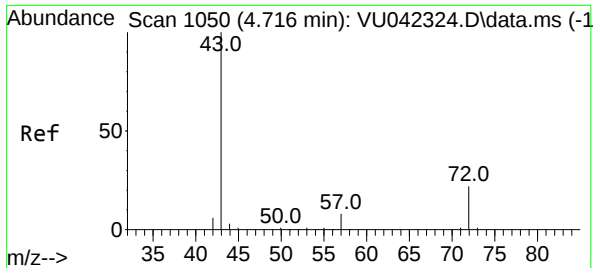
Tgt Ion: 43 Resp: 3136
Ion Ratio Lower Upper
43 100
74 14.1 16.6 25.0#



#20
Methylene Chloride
Concen: 2.00 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

Tgt Ion: 84 Resp: 3882
Ion Ratio Lower Upper
84 100
49 144.3 112.6 169.0
51 38.9 33.7 50.5
86 58.6 51.7 77.5

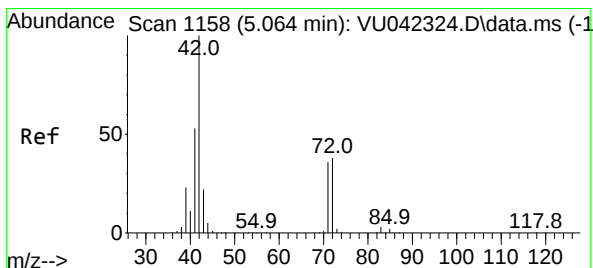
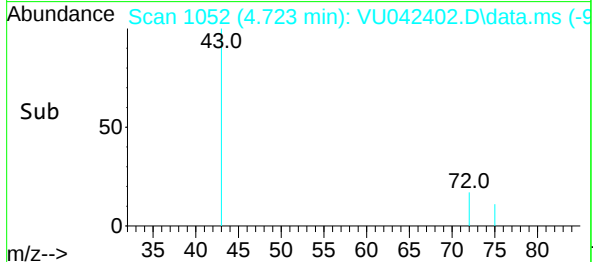
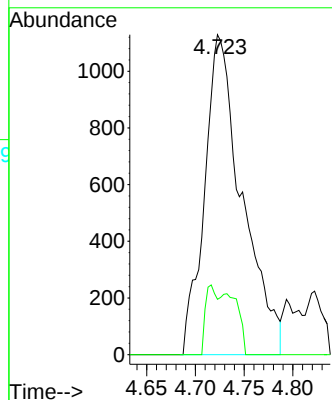
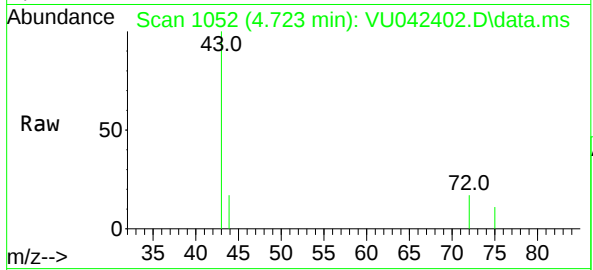




#25
2-Butanone
Concen: 1.36 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

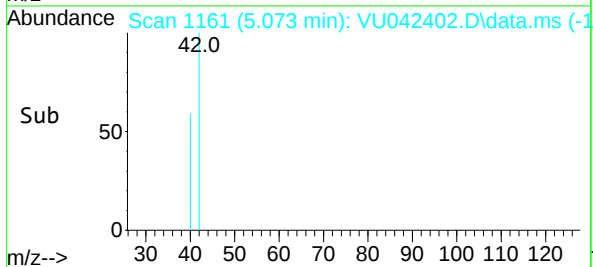
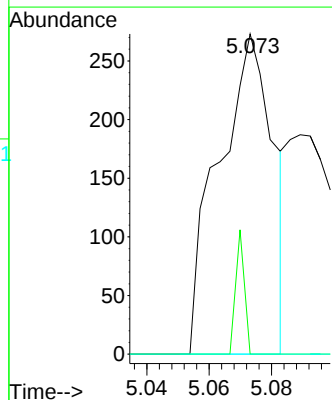
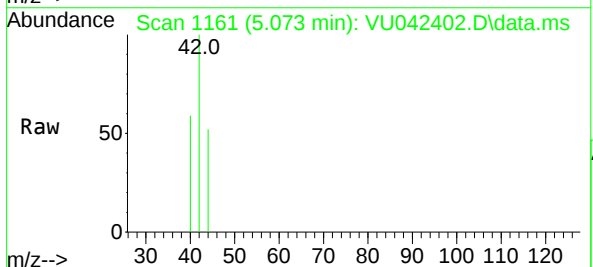
Instrument :
MSVOA_U
ClientSampled :

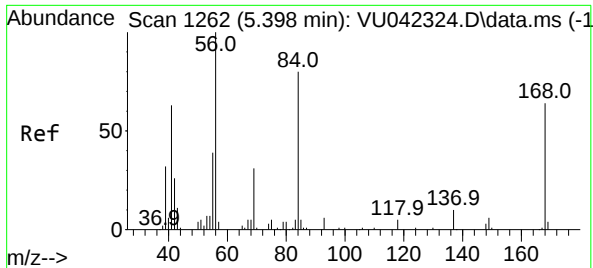
Tgt Ion: 43 Resp: 3032
Ion Ratio Lower Upper
43 100
72 17.3 17.4 26.0#



#29
Tetrahydrofuran
Concen: 0.24 ug/l
RT: 5.073 min Scan# 1161
Delta R.T. 0.010 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

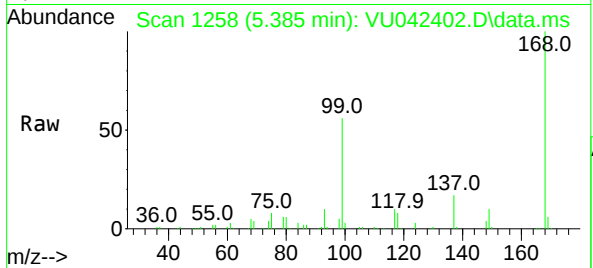
Tgt Ion: 42 Resp: 331
Ion Ratio Lower Upper
42 100
72 6.0 31.5 47.3#
71 0.0 29.5 44.3#



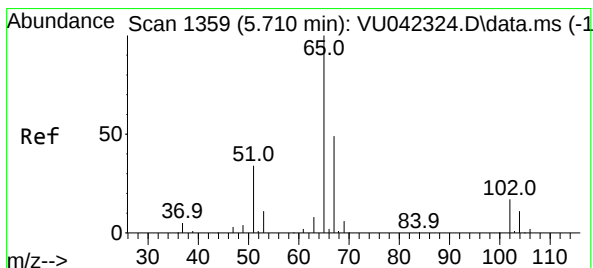
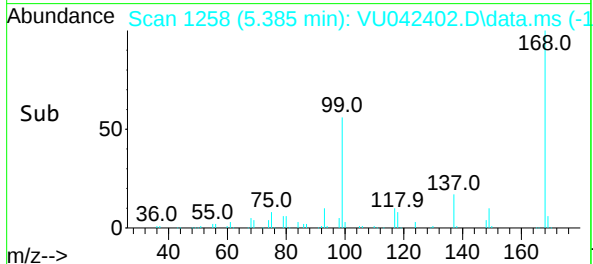
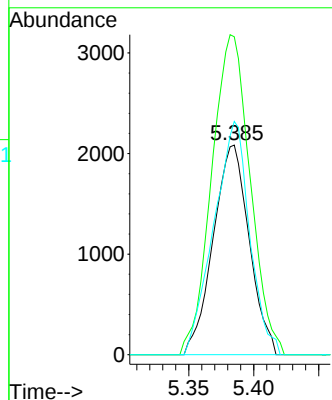


#31
Cyclohexane
Concen: 1.13 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.013 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

Instrument :
MSVOA_U
ClientSampleId :

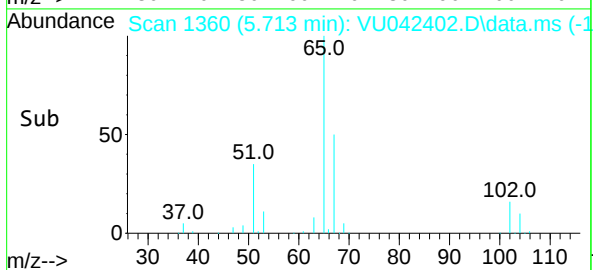
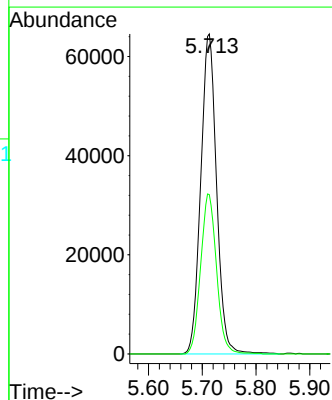
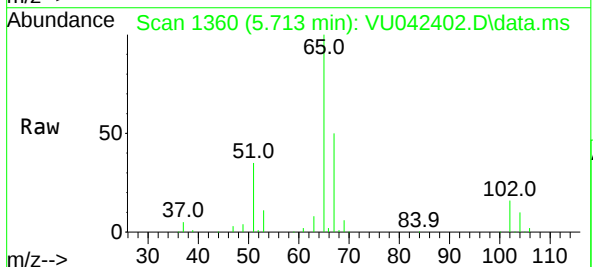


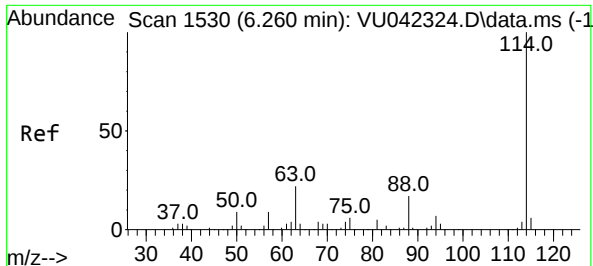
Tgt Ion: 56 Resp: 4013
Ion Ratio Lower Upper
56 100
69 151.7 24.9 37.3#
84 111.3 63.7 95.5#



#33
1,2-Dichloroethane-d4
Concen: 48.72 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

Tgt Ion: 65 Resp: 132153
Ion Ratio Lower Upper
65 100
67 49.9 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: VU042402.D

Acq: 22 Feb 2021 17:57

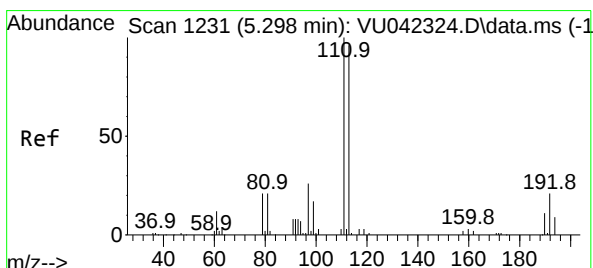
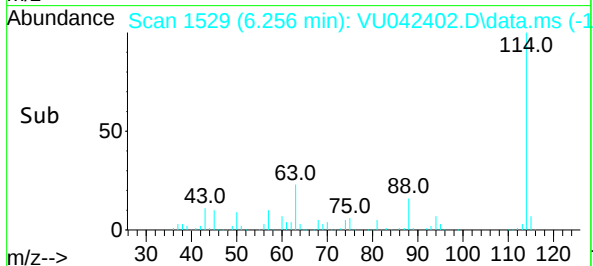
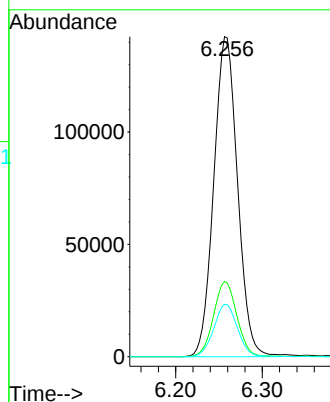
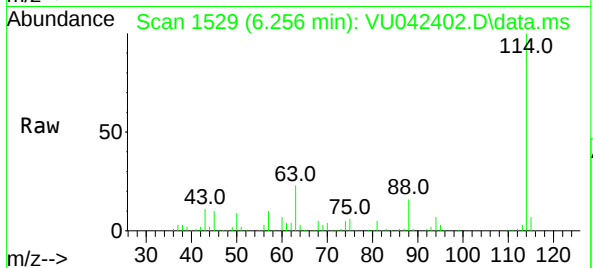
Tgt Ion:114 Resp: 271432

Ion Ratio Lower Upper

114 100

63 23.5 0.0 44.2

88 16.3 0.0 33.4



#35

Dibromofluoromethane

Concen: 48.30 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VU042402.D

Acq: 22 Feb 2021 17:57

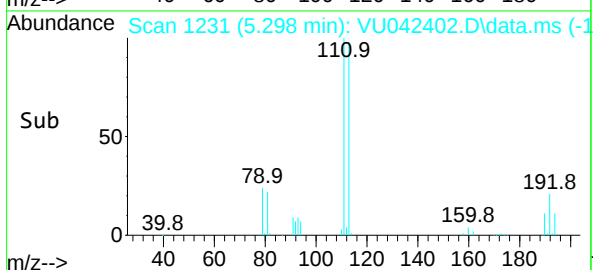
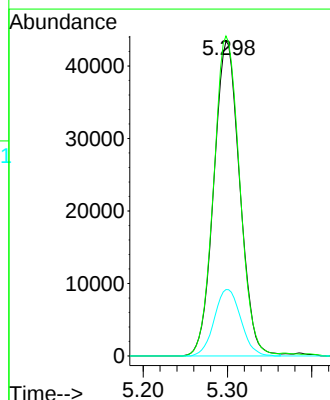
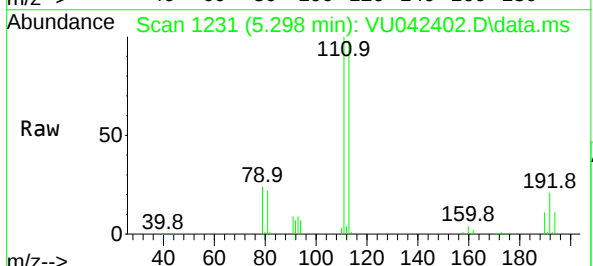
Tgt Ion:113 Resp: 92543

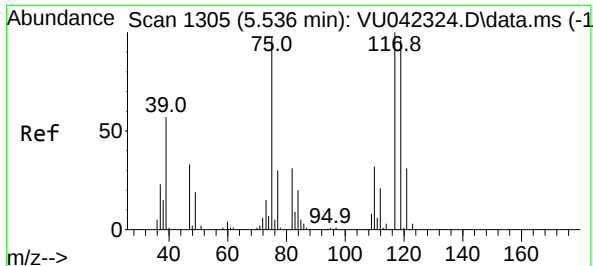
Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.8

192 21.6 17.2 25.8



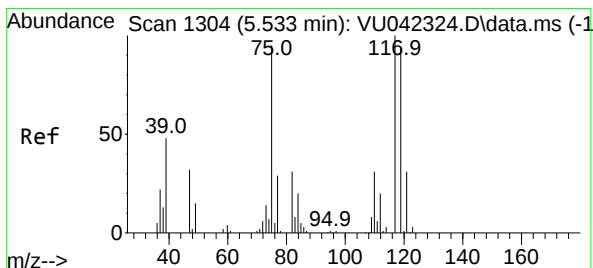
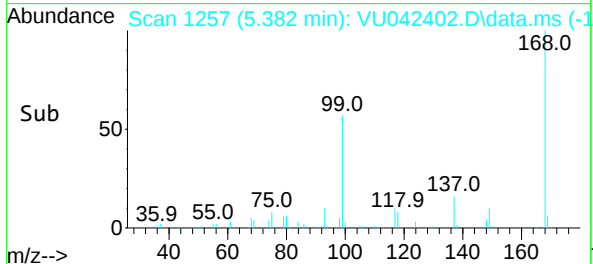
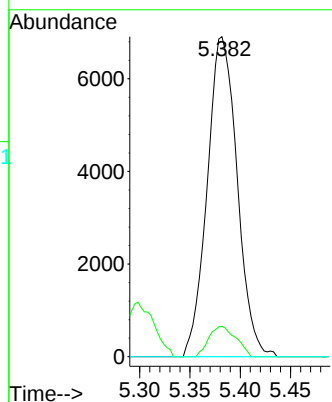
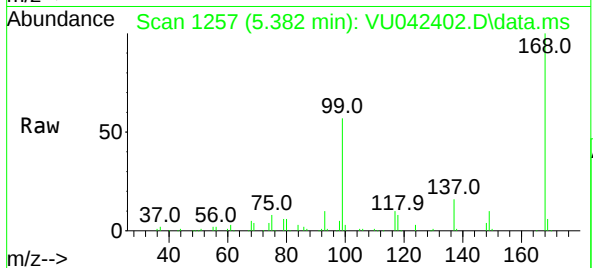


#36

1,1-Dichloropropene
Concen: 5.34 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.154 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

Instrument :
MSVOA_U
ClientSampled :

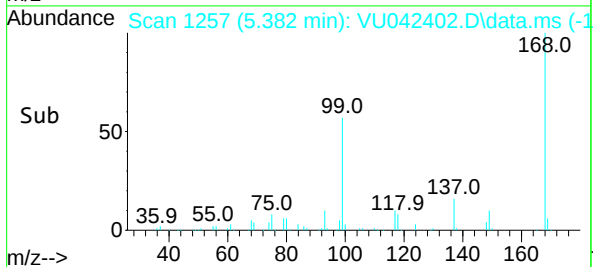
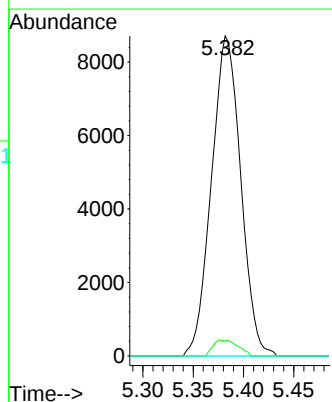
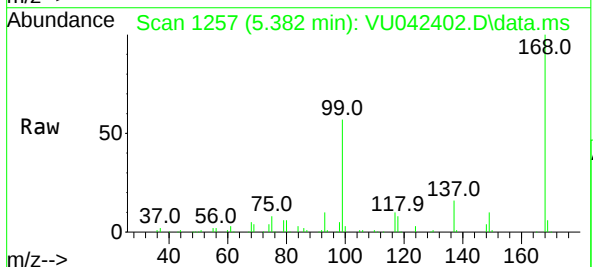
Tgt Ion: 75 Resp: 14337
Ion Ratio Lower Upper
75 100
110 8.6 16.8 50.3#
77 0.0 24.8 37.2#

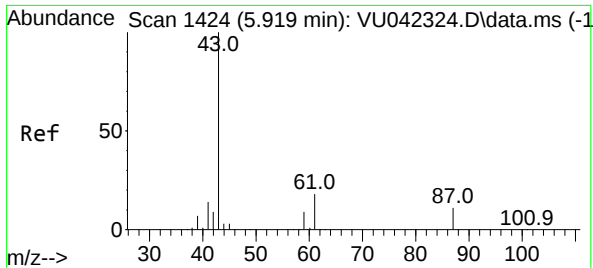


#38

Carbon Tetrachloride
Concen: 6.15 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

Tgt Ion: 117 Resp: 17639
Ion Ratio Lower Upper
117 100
119 4.8 75.5 113.3#
121 0.0 24.7 37.1#

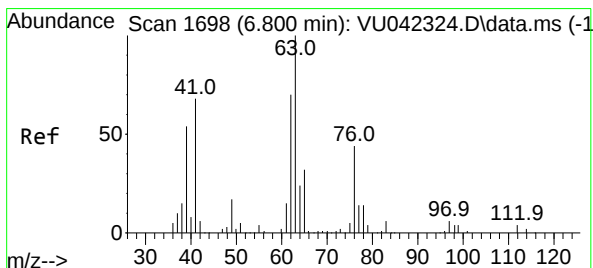
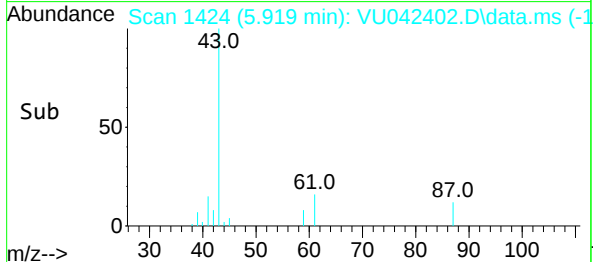
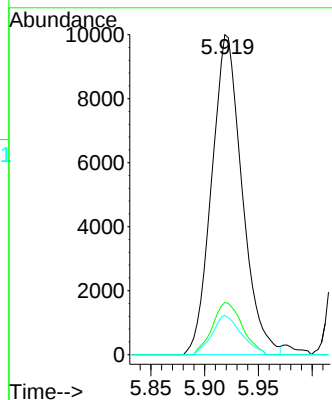
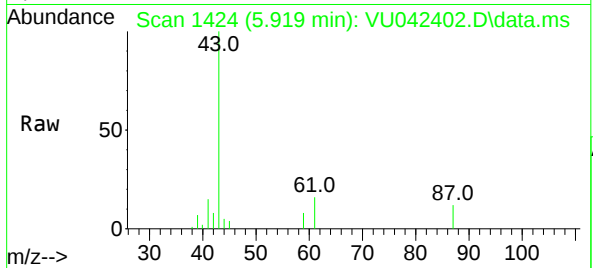




#43
Isopropyl Acetate
Concen: 3.20 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

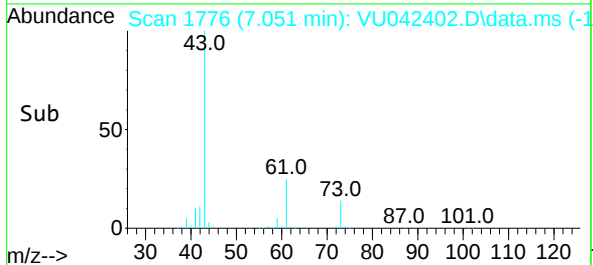
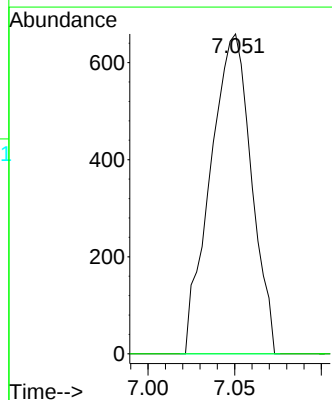
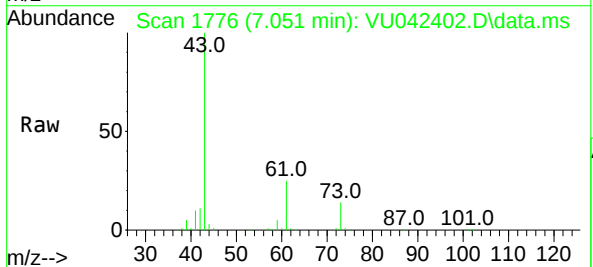
Instrument :
MSVOA_U
ClientSampleId :

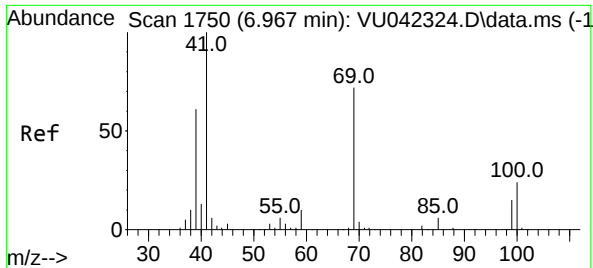
Tgt Ion: 43	Resp: 19626
Ion Ratio	Lower Upper
43 100	
61 16.0	14.4 21.6
87 11.8	8.8 13.2



#45
1,2-Dichloropropane
Concen: 0.52 ug/l
RT: 7.051 min Scan# 1776
Delta R.T. 0.251 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

Tgt Ion: 63	Resp: 1086
Ion Ratio	Lower Upper
63 100	
65 0.0	25.4 38.2#

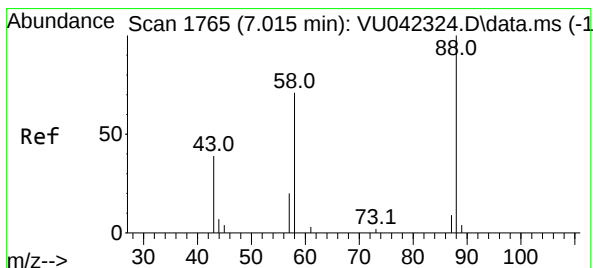
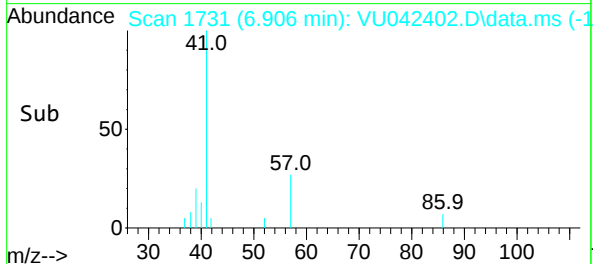
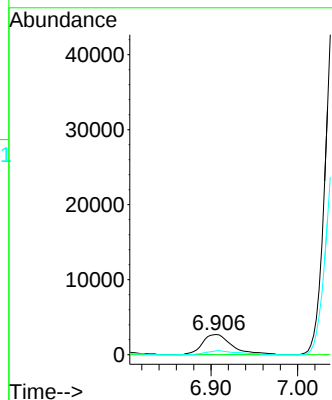
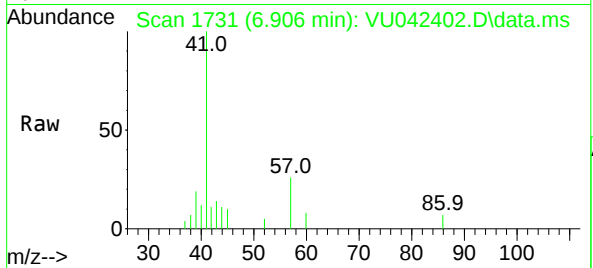




#48
Methyl methacrylate
Concen: 2.13 ug/l
RT: 6.906 min Scan# 1731
Delta R.T. -0.061 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

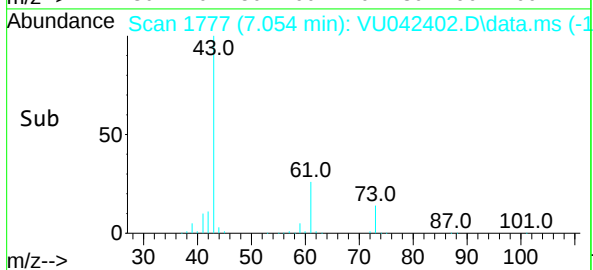
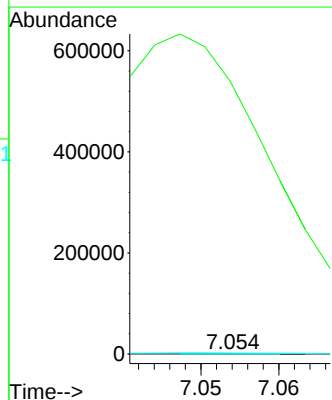
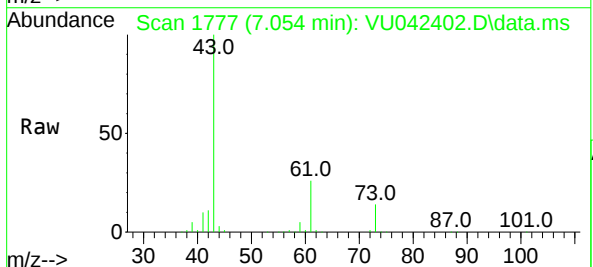
Instrument :
MSVOA_U
ClientSampled :

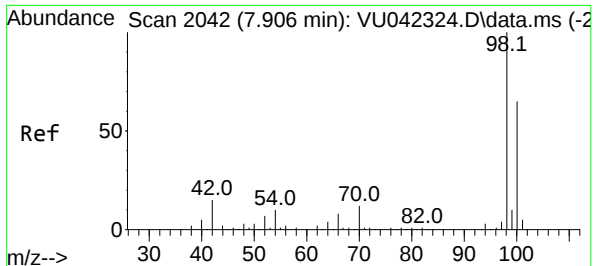
Tgt Ion: 41 Resp: 6458
Ion Ratio Lower Upper
41 100
69 0.0 57.0 85.6#
39 0.0 48.4 72.6#



#49
1,4-Dioxane
Concen: 0.36 ug/l
RT: 7.054 min Scan# 1777
Delta R.T. 0.039 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 5467552.4 0.0 0.0#
58 18666.7 60.4 90.6#

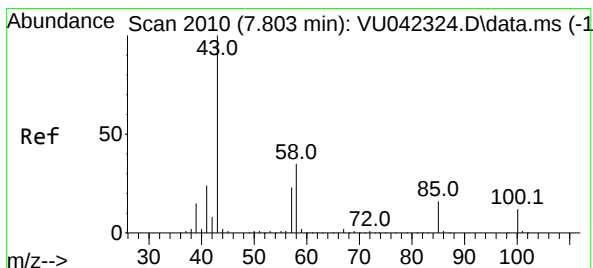
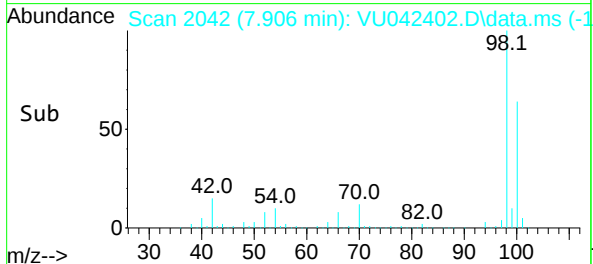
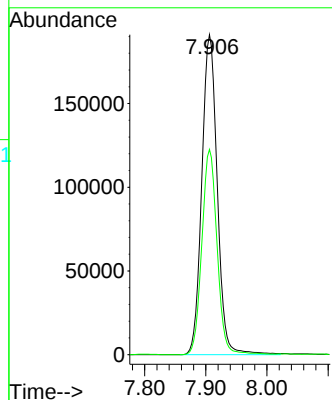
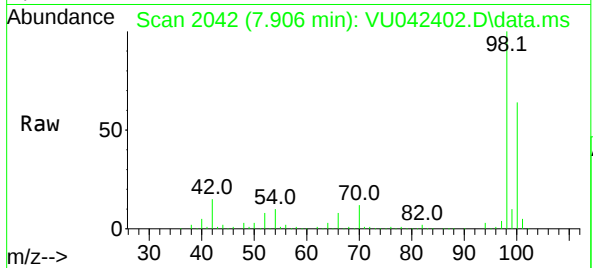




#50
Toluene-d8
Concen: 48.89 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

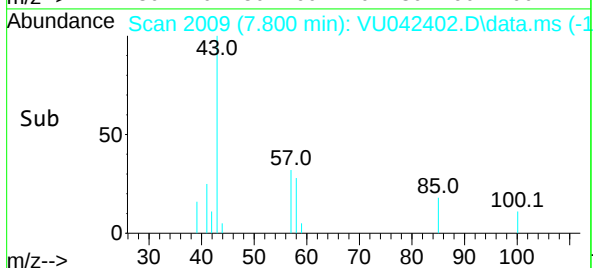
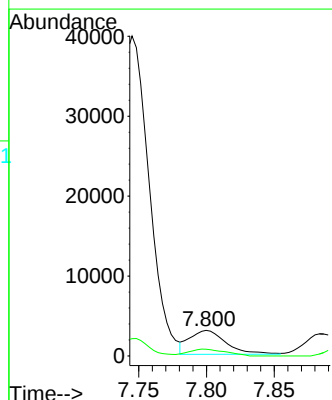
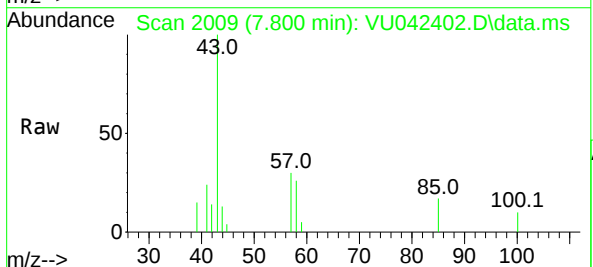
Instrument :
MSVOA_U
ClientSampled :

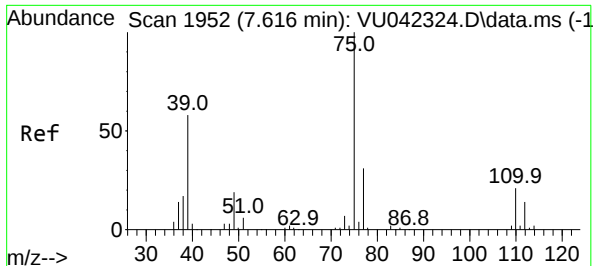
Tgt Ion: 98 Resp: 335443
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.35 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

Tgt Ion: 43 Resp: 5601
Ion Ratio Lower Upper
43 100
58 28.8 28.1 42.1

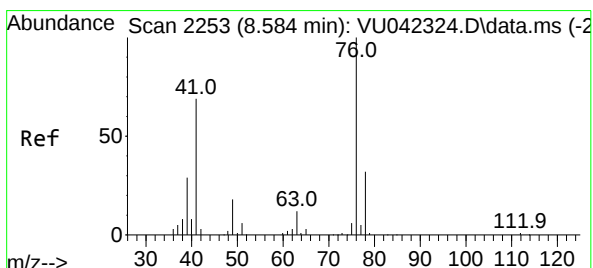
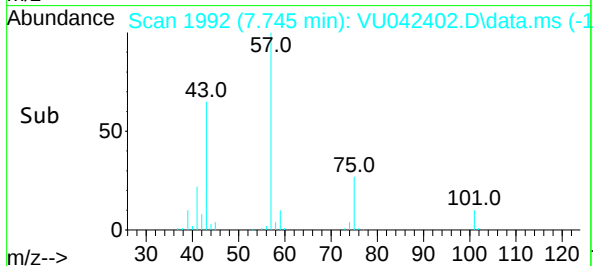
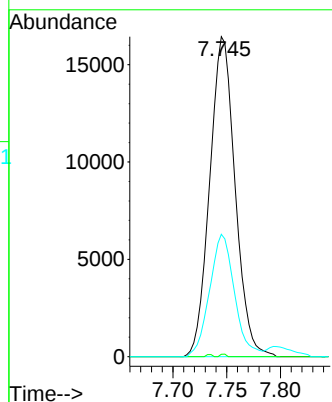
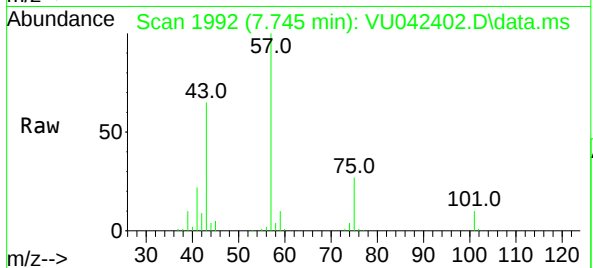




#54
 cis-1,3-Dichloropropene
 Concen: 8.09 ug/l
 RT: 7.745 min Scan# 1992
 Delta R.T. 0.129 min
 Lab File: VU042402.D
 Acq: 22 Feb 2021 17:57

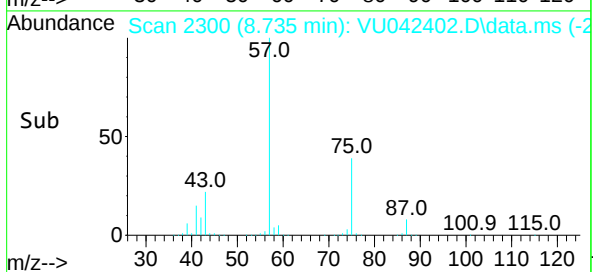
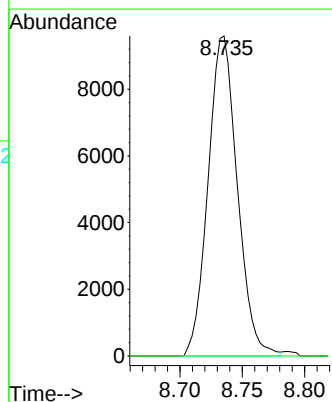
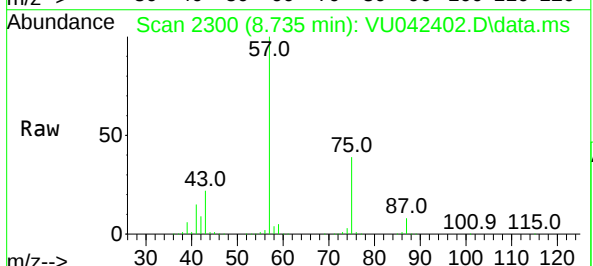
Instrument :
 MSVOA_U
 ClientSampleId :

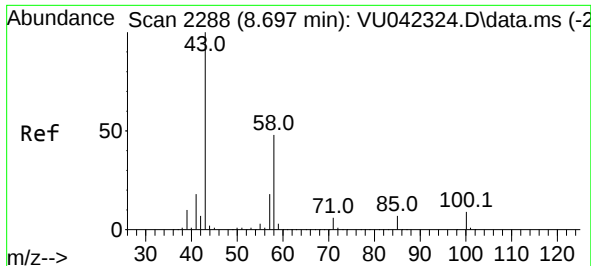
Tgt Ion: 75 Resp: 27056
 Ion Ratio Lower Upper
 75 100
 77 0.8 24.6 37.0#
 39 38.2 46.1 69.1#



#57
 1,3-Dichloropropane
 Concen: 4.64 ug/l
 RT: 8.735 min Scan# 2300
 Delta R.T. 0.151 min
 Lab File: VU042402.D
 Acq: 22 Feb 2021 17:57

Tgt Ion: 76 Resp: 15683
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#

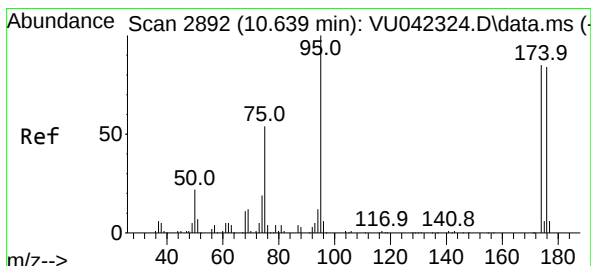
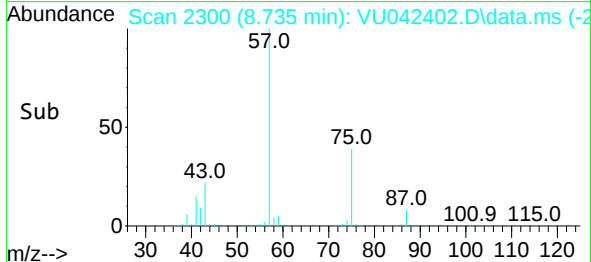
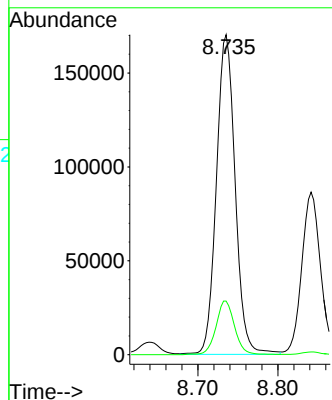
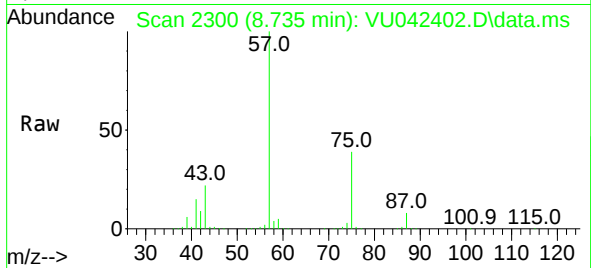




#59
2-Hexanone
Concen: 83.68 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.039 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

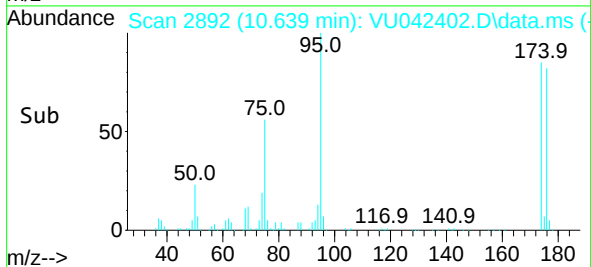
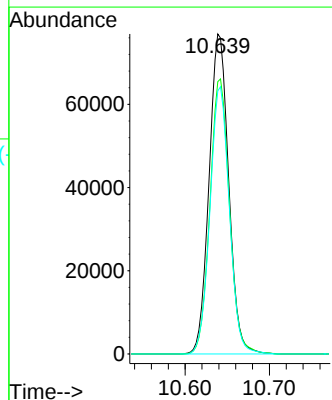
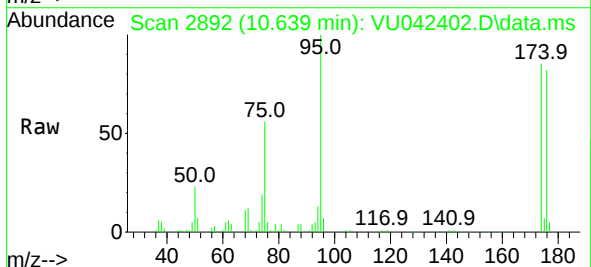
Instrument :
MSVOA_U
ClientSampled :

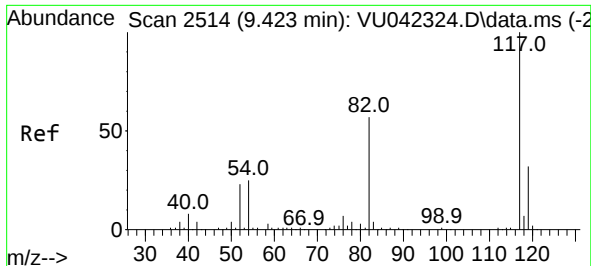
Tgt Ion: 43 Resp: 277473
Ion Ratio Lower Upper
43 100
58 16.7 24.0 72.0#



#62
4-Bromofluorobenzene
Concen: 46.08 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

Tgt Ion: 95 Resp: 124606
Ion Ratio Lower Upper
95 100
174 85.3 0.0 172.2
176 82.5 0.0 168.8

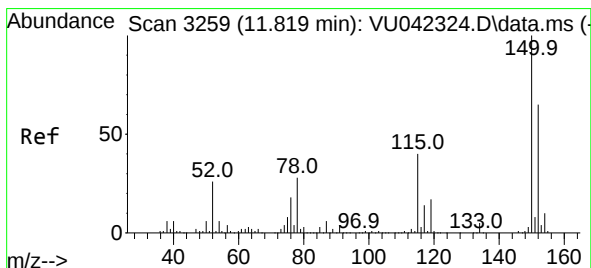
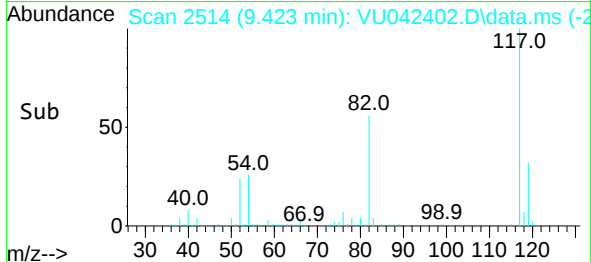
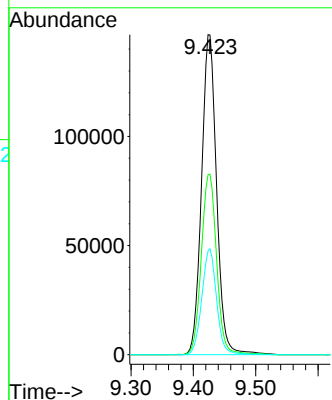
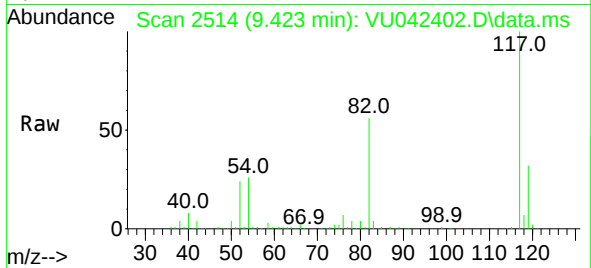




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

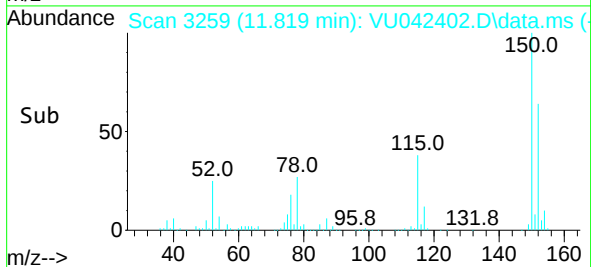
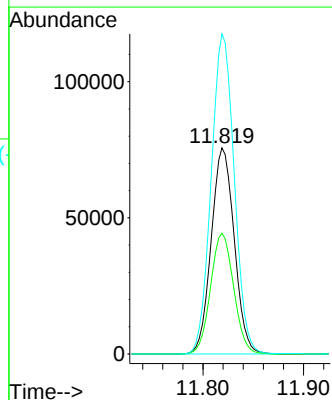
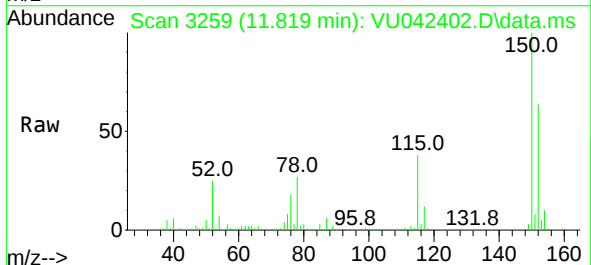
Instrument :
MSVOA_U
ClientSampled :

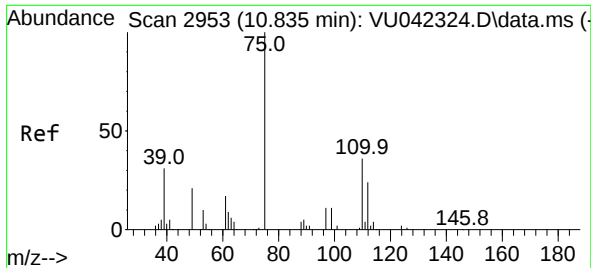
Tgt Ion:117 Resp: 246247
Ion Ratio Lower Upper
117 100
82 56.3 45.8 68.6
119 32.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

Tgt Ion:152 Resp: 120482
Ion Ratio Lower Upper
152 100
115 58.6 41.5 124.6
150 155.4 0.0 342.4

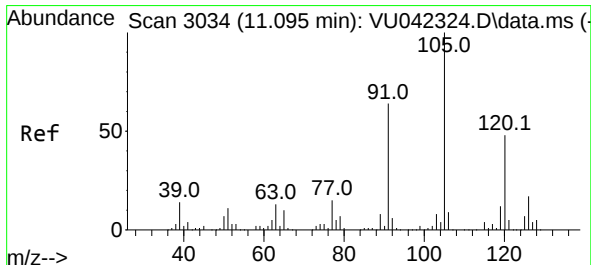
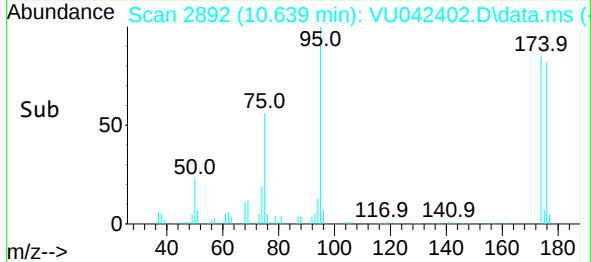
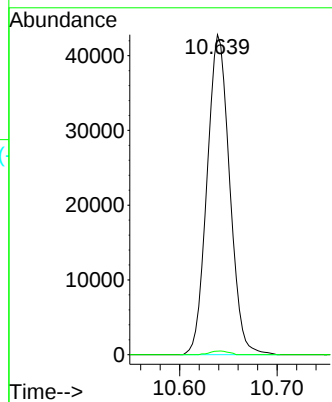
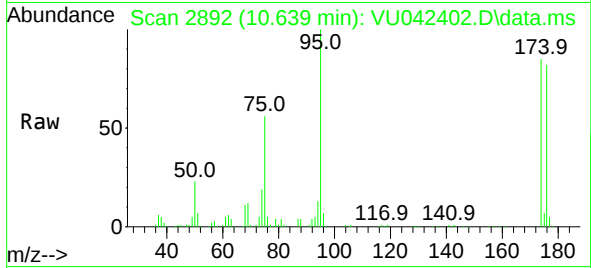




#76
1,2,3-Trichloropropane
Concen: 23.13 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

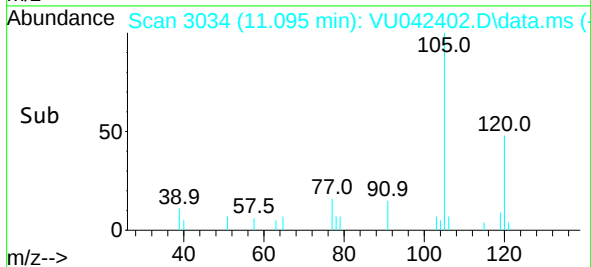
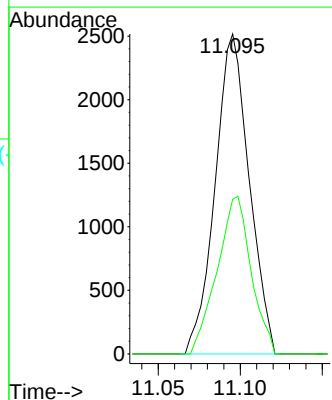
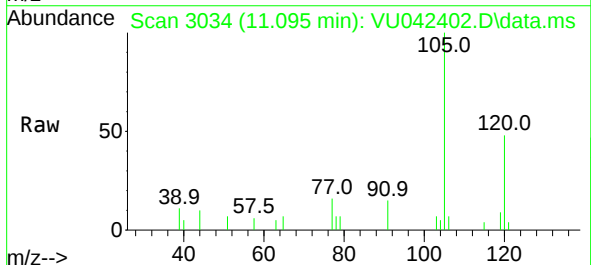
Instrument :
MSVOA_U
ClientSampled :

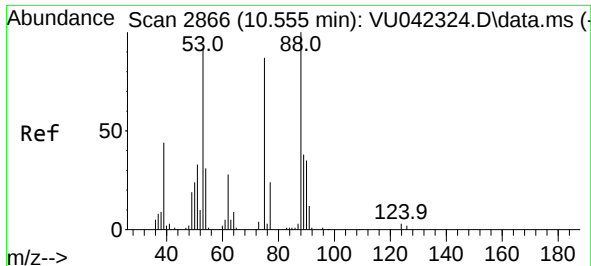
Tgt Ion: 75 Resp: 68893
Ion Ratio Lower Upper
75 100
77 1.0 20.2 60.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.52 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

Tgt Ion: 105 Resp: 3621
Ion Ratio Lower Upper
105 100
120 49.1 23.8 71.4

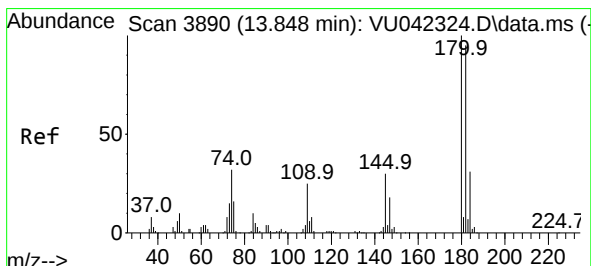
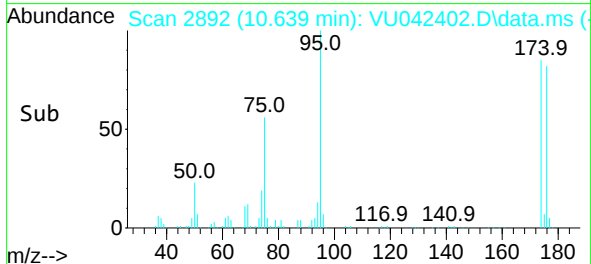
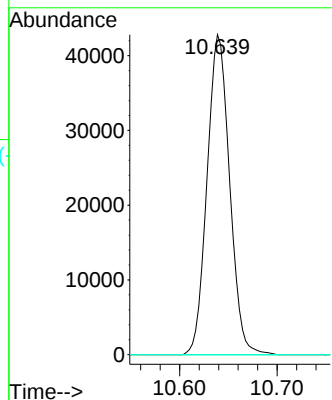
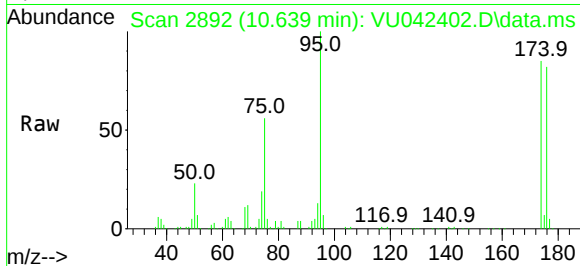




#81
trans-1,4-Dichloro-2-butene
Concen: 62.88 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

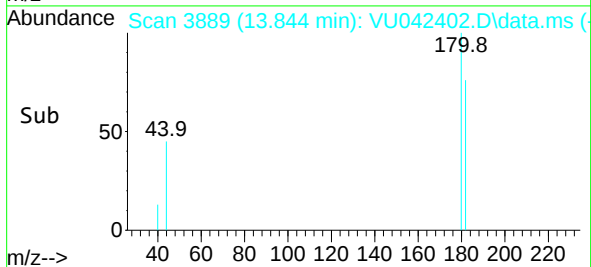
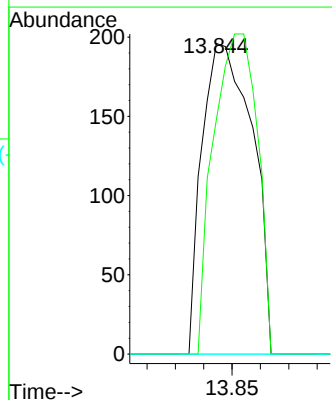
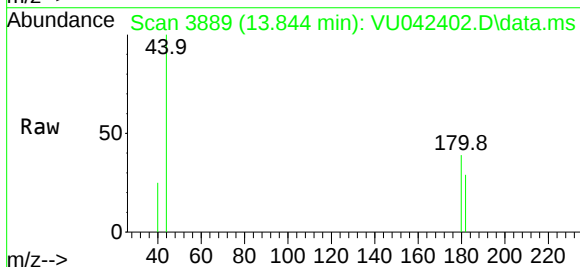
Instrument :
MSVOA_U
ClientSampled :

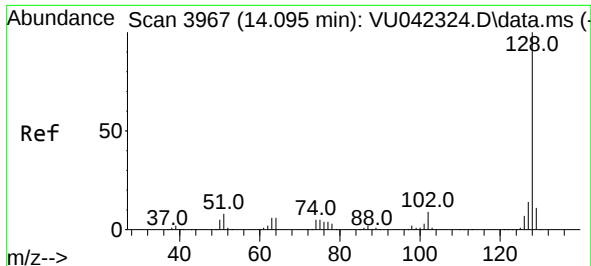
Tgt Ion: 75 Resp: 68893
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#93
1,2,4-Trichlorobenzene
Concen: 1.77 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. -0.004 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

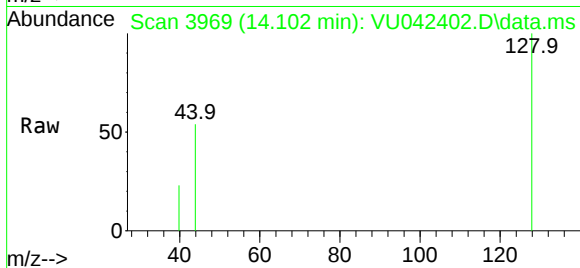
Tgt Ion:180 Resp: 241
Ion Ratio Lower Upper
180 100
182 90.0 46.9 140.8
145 0.0 14.4 43.4#



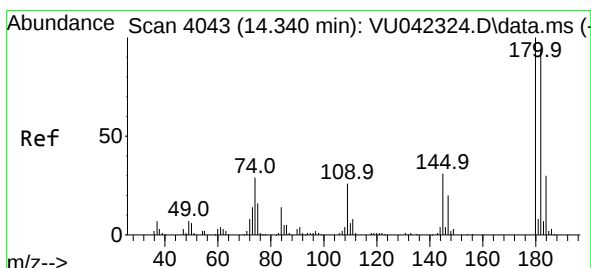
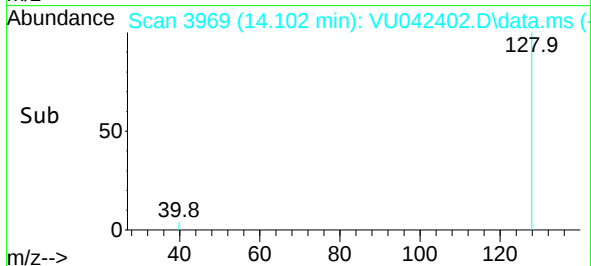
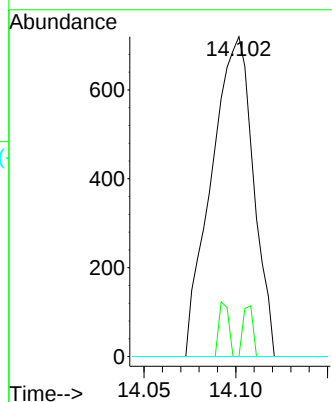


#95
Naphthalene
Concen: 2.35 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.007 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:128 Resp: 1142
Ion Ratio Lower Upper
128 100
127 3.8 10.8 16.2#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.75 ug/l
RT: 14.340 min Scan# 4043
Delta R.T. -0.000 min
Lab File: VU042402.D
Acq: 22 Feb 2021 17:57

Tgt Ion:180 Resp: 202
Ion Ratio Lower Upper
180 100
182 105.0 48.0 144.0
145 0.0 15.5 46.5#

