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 Data File : VU042403.D
 Acq On : 22 Feb 2021 18:20
 Operator : SY/MD
 Sample : PB134750ZHE#02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 23 01:05:19 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

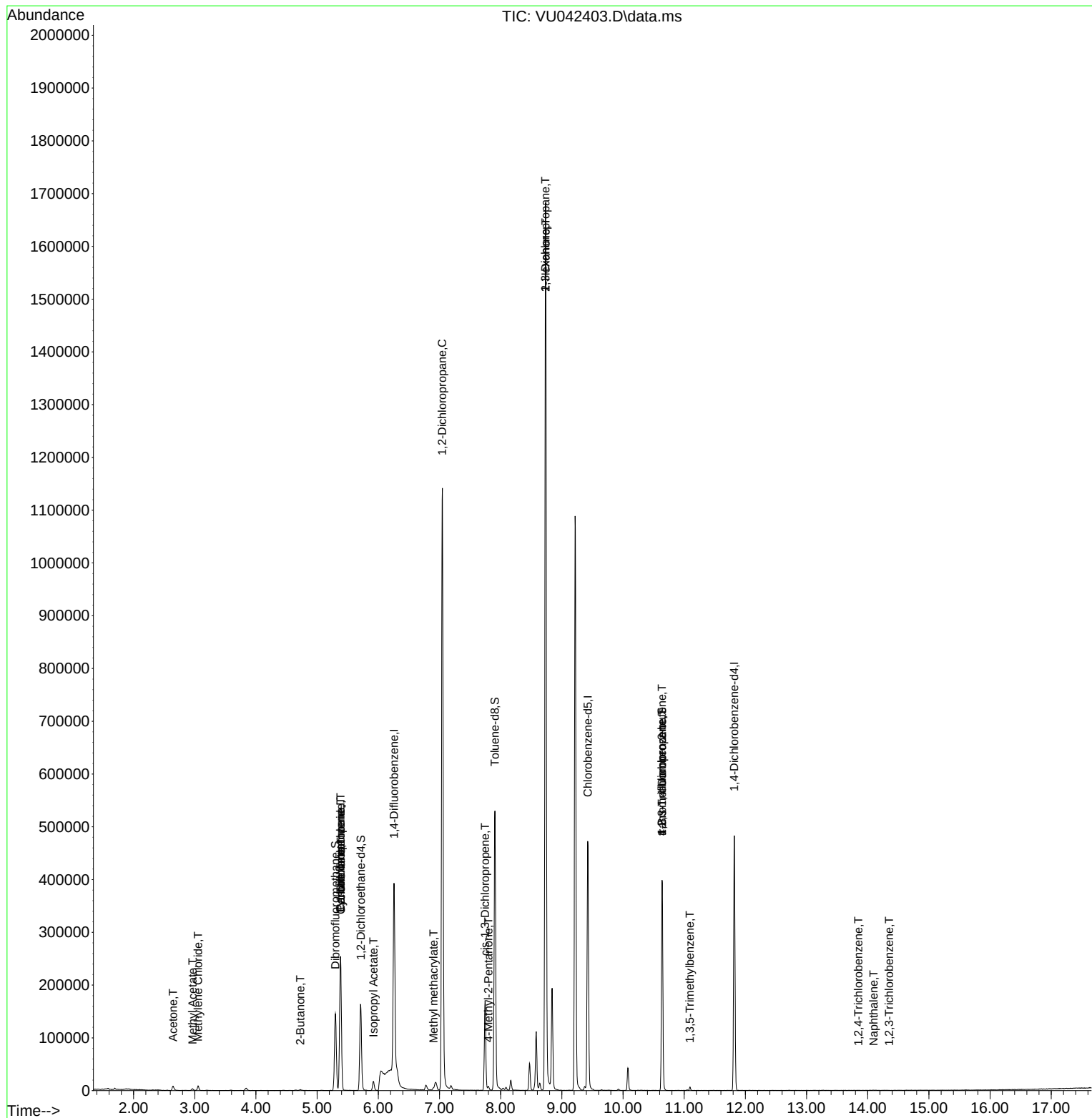
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.382	168	178739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	270655	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	243970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	119527	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	130347	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
35) Dibromofluoromethane	5.298	113	91248	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
50) Toluene-d8	7.906	98	332689	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	10.639	95	121614	45.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.20%	
Target Compounds						
					Qvalue	
16) Acetone	2.646	43	12425	7.39	ug/l	92
18) Methyl Acetate	2.964	43	5197	1.70	ug/l	98
20) Methylene Chloride	3.054	84	3877	2.00	ug/l	96
25) 2-Butanone	4.726	43	3164	1.42	ug/l	98
31) Cyclohexane	5.385	56	3993	1.12	ug/l #	7
36) 1,1-Dichloropropene	5.382	75	14189	5.30	ug/l #	50
38) Carbon Tetrachloride	5.382	117	17481	6.11	ug/l #	15
43) Isopropyl Acetate	5.922	43	19646	3.21	ug/l	100
45) 1,2-Dichloropropane	7.044	63	1250	0.60	ug/l #	43
48) Methyl methacrylate	6.903	41	6214	2.05	ug/l #	17
51) 4-Methyl-2-Pentanone	7.800	43	4824	1.17	ug/l	98
54) cis-1,3-Dichloropropene	7.745	75	26567	7.97	ug/l #	62
57) 1,3-Dichloropropane	8.732	76	16448	4.88	ug/l #	43
59) 2-Hexanone	8.735	43	269187	81.42	ug/l #	54
76) 1,2,3-Trichloropropane	10.639	75	68053	23.03	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.092	105	3454	0.50	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.639	75	68053	62.60	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.845	180	70	1.71	ug/l #	62
95) Naphthalene	14.095	128	534	2.28	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.349	180	20	1.68	ug/l #	12

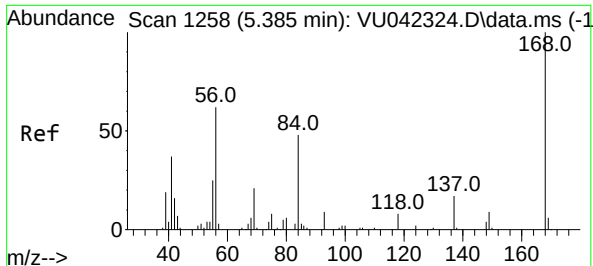
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Feb 23 01:05:19 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

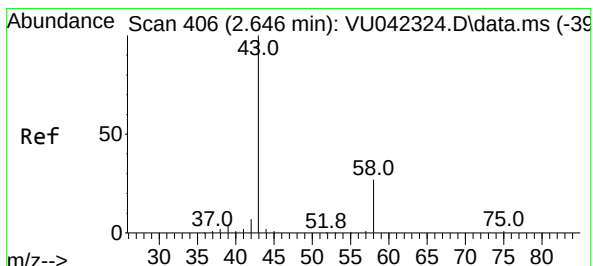
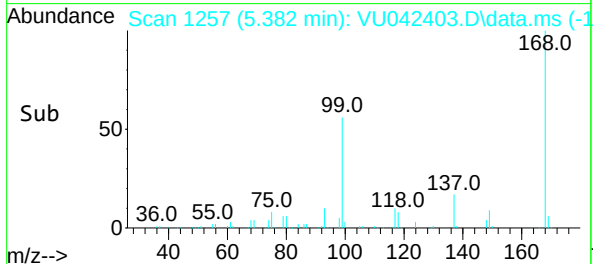
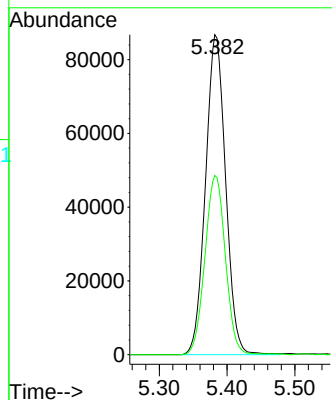
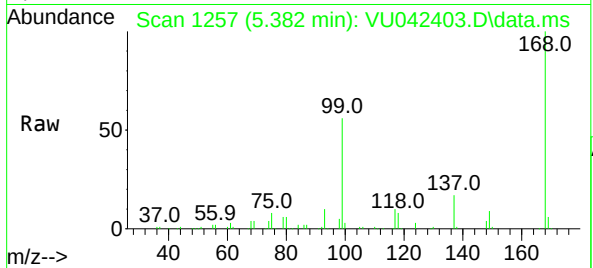




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042403.D
Acq: 22 Feb 2021 18:20

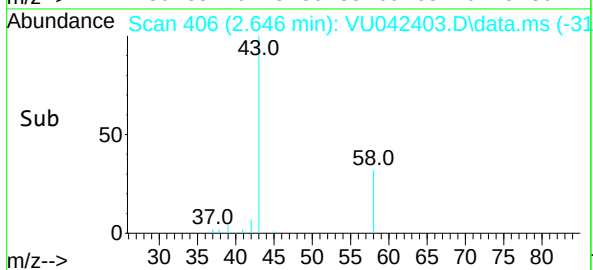
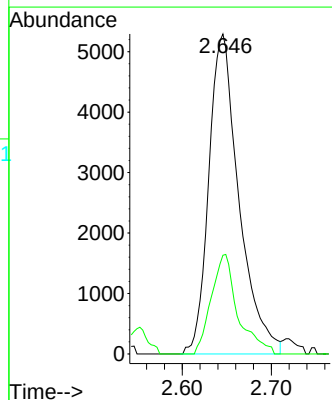
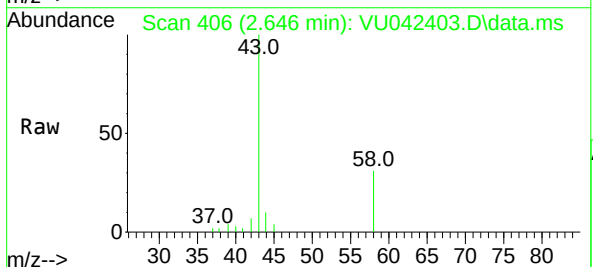
Instrument :
MSVOA_U
ClientSampled :

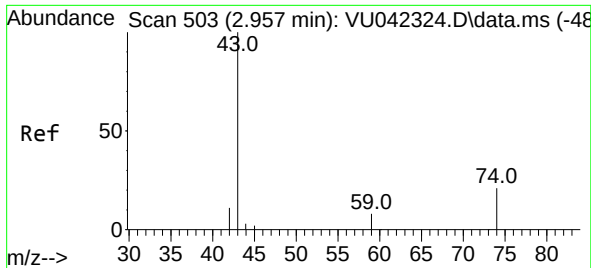
Tgt Ion:168 Resp: 178739
Ion Ratio Lower Upper
168 100
99 56.0 45.0 67.4



#16
Acetone
Concen: 7.39 ug/l
RT: 2.646 min Scan# 406
Delta R.T. 0.000 min
Lab File: VU042403.D
Acq: 22 Feb 2021 18:20

Tgt Ion: 43 Resp: 12425
Ion Ratio Lower Upper
43 100
58 30.8 21.5 32.3

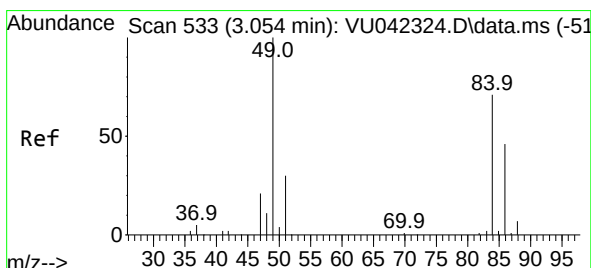
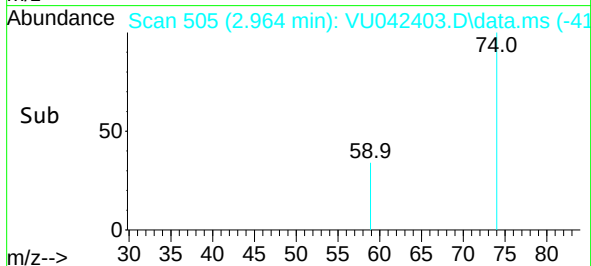
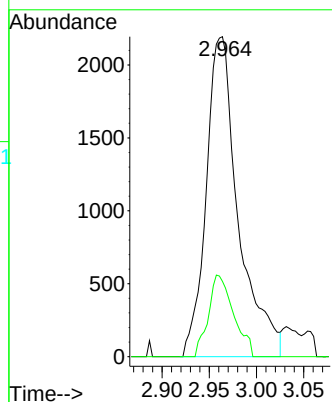
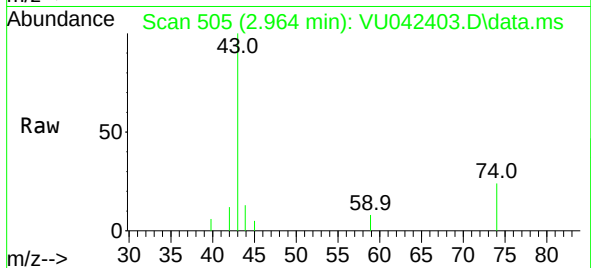




#18
Methyl Acetate
Concen: 1.70 ug/l
RT: 2.964 min Scan# 505
Delta R.T. 0.006 min
Lab File: VU042403.D
Acq: 22 Feb 2021 18:20

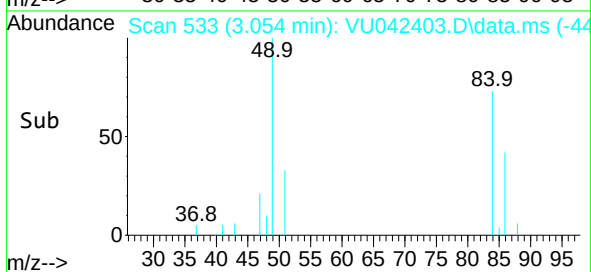
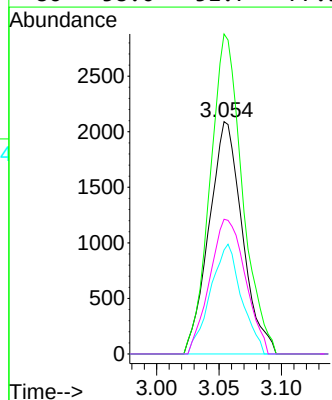
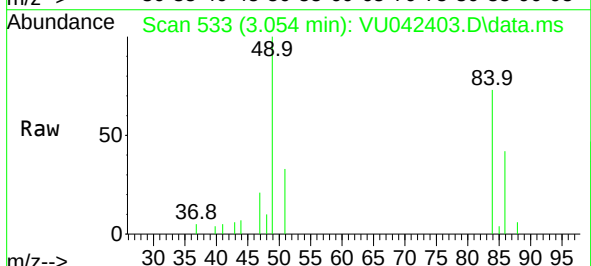
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MSVOA_U
ClientSampled :

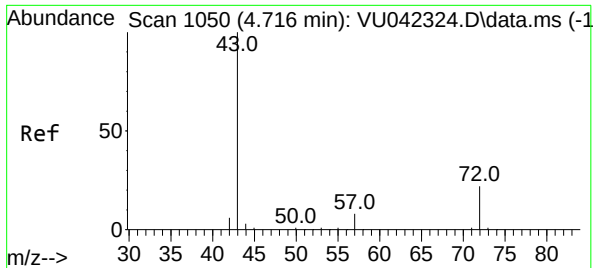
Tgt Ion: 43 Resp: 5197
Ion Ratio Lower Upper
43 100
74 20.0 16.6 25.0



#20
Methylene Chloride
Concen: 2.00 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU042403.D
Acq: 22 Feb 2021 18:20

Tgt Ion: 84 Resp: 3877
Ion Ratio Lower Upper
84 100
49 137.7 112.6 169.0
51 44.8 33.7 50.5
86 58.0 51.7 77.5

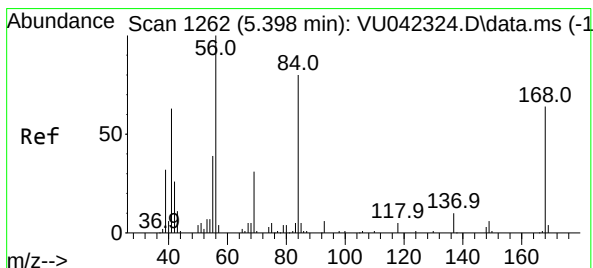
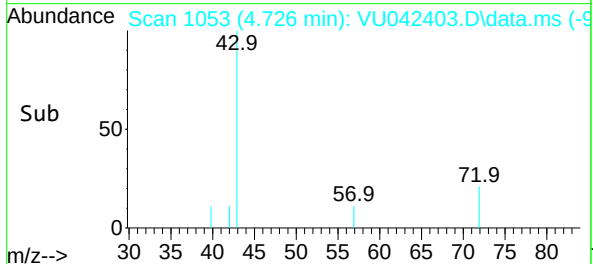
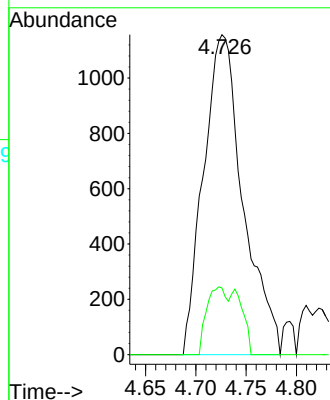
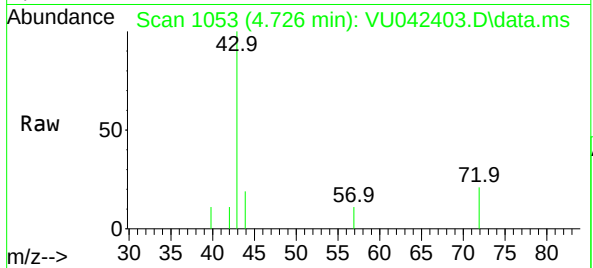




#25
2-Butanone
Concen: 1.42 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.010 min
Lab File: VU042403.D
Acq: 22 Feb 2021 18:20

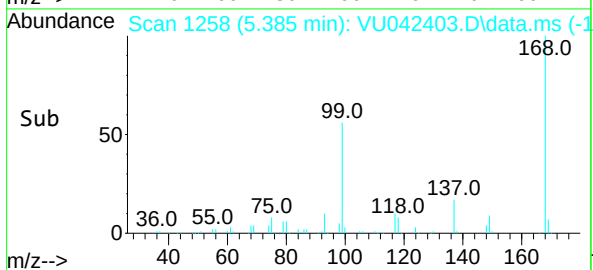
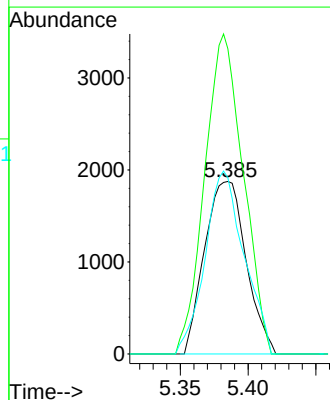
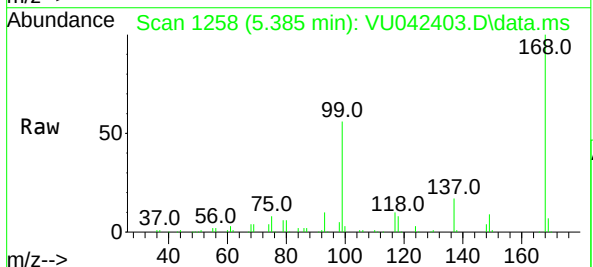
Instrument :
MSVOA_U
ClientSampled :

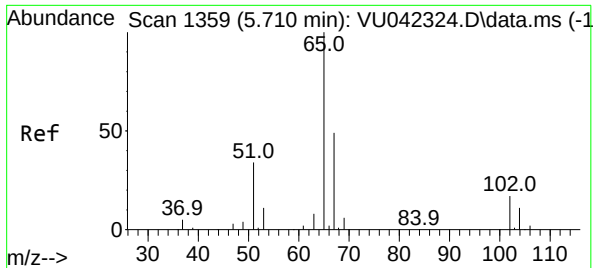
Tgt Ion: 43 Resp: 3164
Ion Ratio Lower Upper
43 100
72 20.8 17.4 26.0



#31
Cyclohexane
Concen: 1.12 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.013 min
Lab File: VU042403.D
Acq: 22 Feb 2021 18:20

Tgt Ion: 56 Resp: 3993
Ion Ratio Lower Upper
56 100
69 176.8 24.9 37.3#
84 102.1 63.7 95.5#

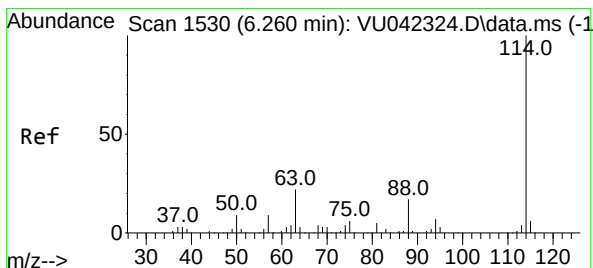
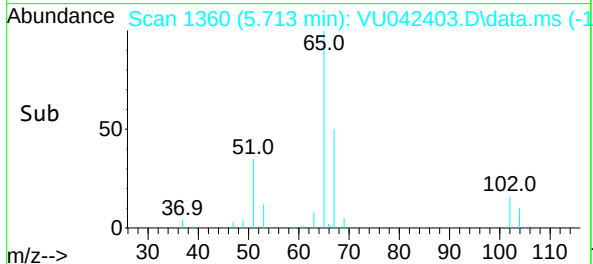
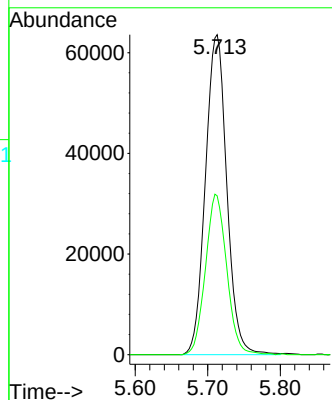
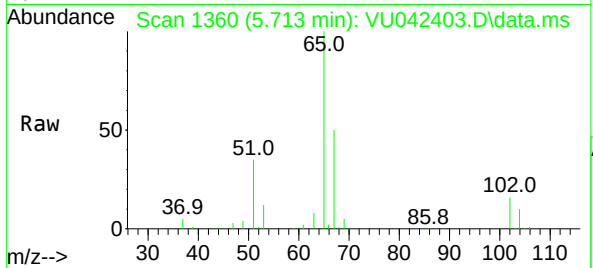




#33
 1,2-Dichloroethane-d4
 Concen: 48.09 ug/l
 RT: 5.713 min Scan# 1360
 Delta R.T. 0.003 min
 Lab File: VU042403.D
 Acq: 22 Feb 2021 18:20

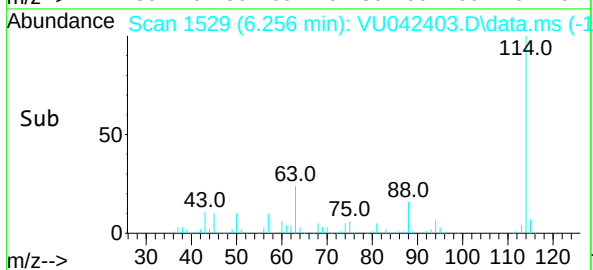
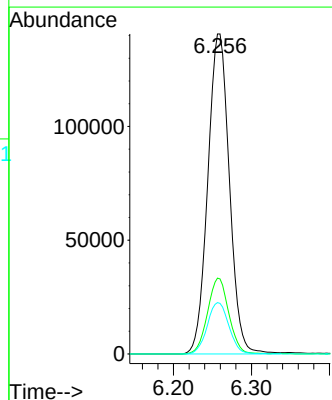
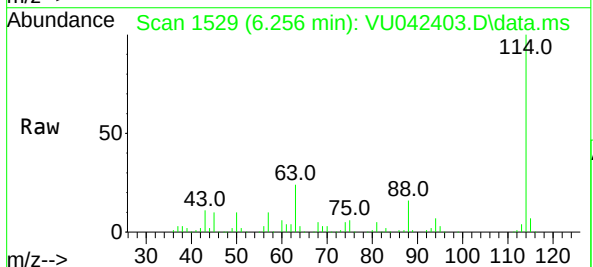
Instrument :
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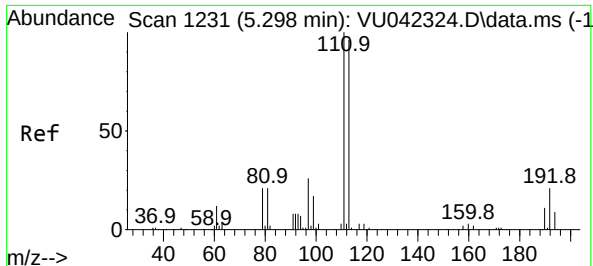
Tgt Ion: 65 Resp: 130347
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.256 min Scan# 1529
 Delta R.T. -0.003 min
 Lab File: VU042403.D
 Acq: 22 Feb 2021 18:20

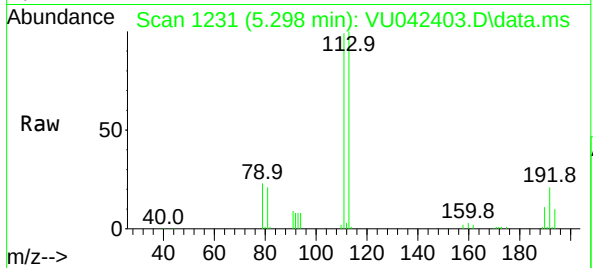
Tgt Ion: 114 Resp: 270655
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 44.2
 88 16.0 0.0 33.4



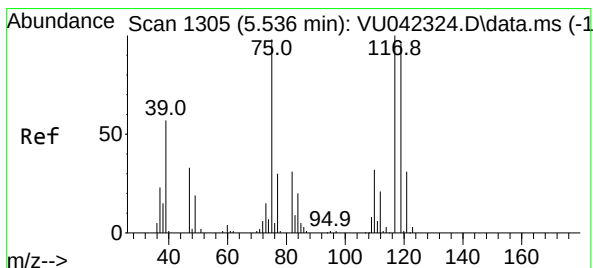
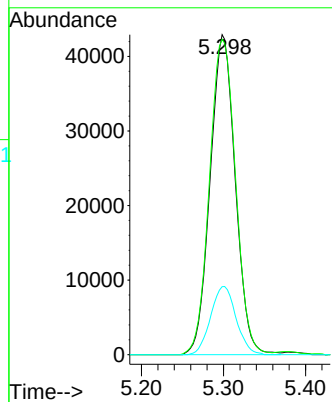
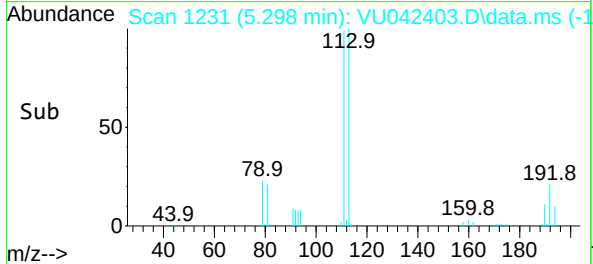


#35
Dibromofluoromethane
Concen: 47.76 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU042403.D
Acq: 22 Feb 2021 18:20

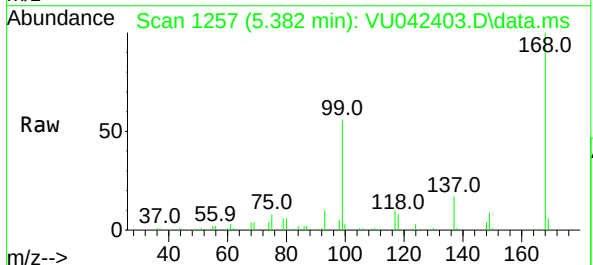
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MSVOA_U
ClientSampled :



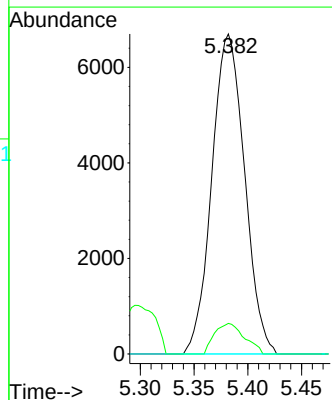
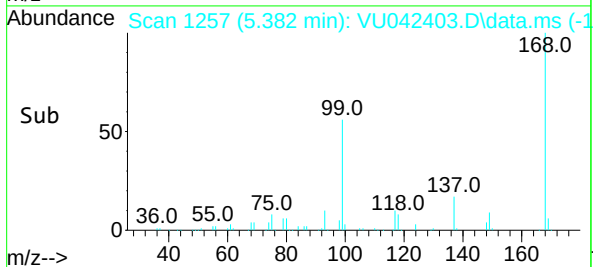
Tgt Ion:113 Resp: 91248
Ion Ratio Lower Upper
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111 102.4 81.8 122.8
192 21.6 17.2 25.8

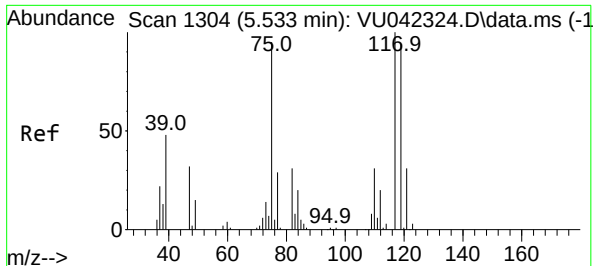


#36
1,1-Dichloropropene
Concen: 5.30 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.154 min
Lab File: VU042403.D
Acq: 22 Feb 2021 18:20



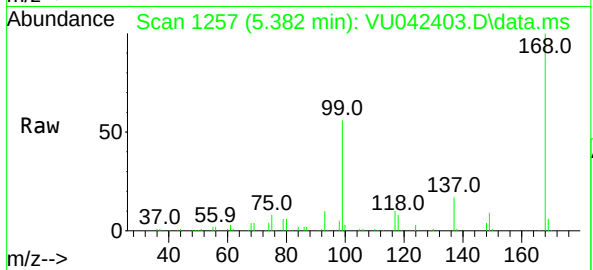
Tgt Ion: 75 Resp: 14189
Ion Ratio Lower Upper
75 100
110 8.7 16.8 50.3#
77 0.0 24.8 37.2#



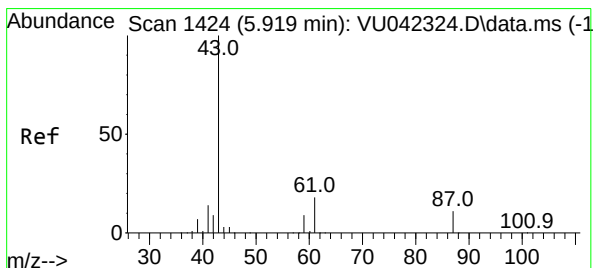
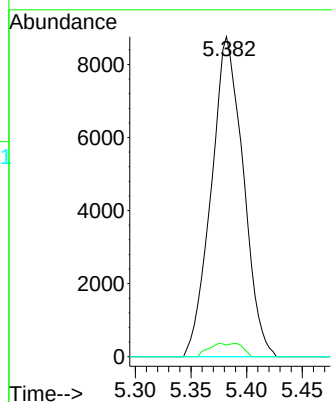
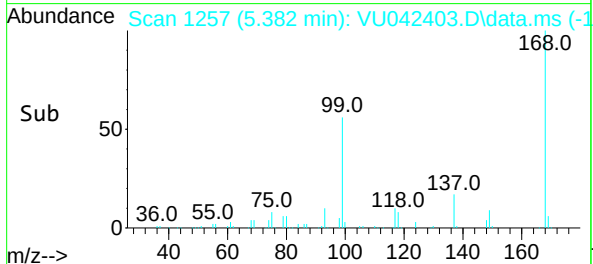


#38
Carbon Tetrachloride
Concen: 6.11 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042403.D
Acq: 22 Feb 2021 18:20

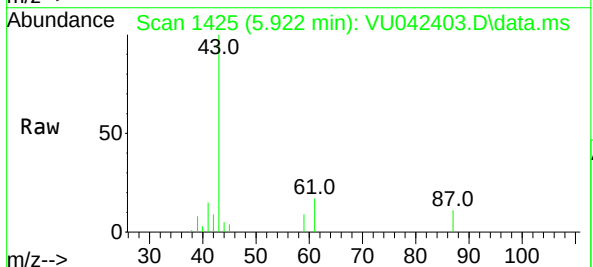
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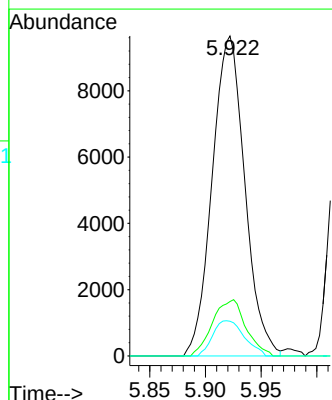
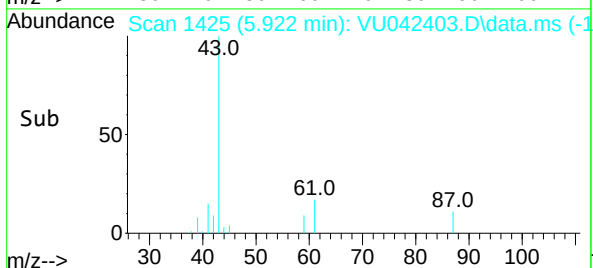
Tgt Ion:117 Resp: 17481
Ion Ratio Lower Upper
117 100
119 3.7 75.5 113.3#
121 0.0 24.7 37.1#

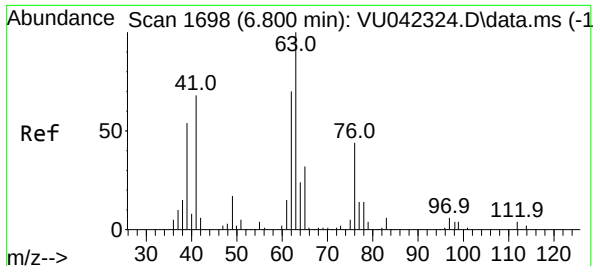


#43
Isopropyl Acetate
Concen: 3.21 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.003 min
Lab File: VU042403.D
Acq: 22 Feb 2021 18:20



Tgt Ion: 43 Resp: 19646
Ion Ratio Lower Upper
43 100
61 18.0 14.4 21.6
87 10.6 8.8 13.2

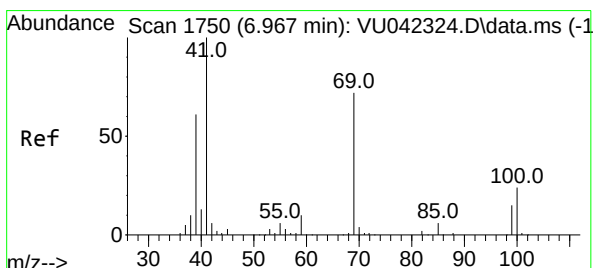
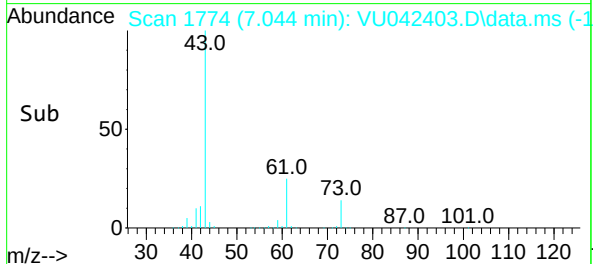
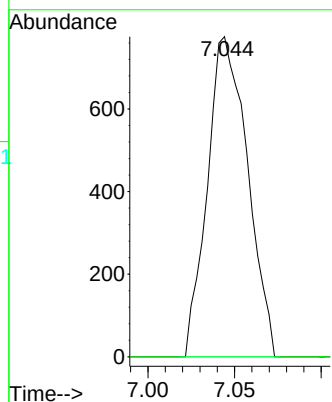
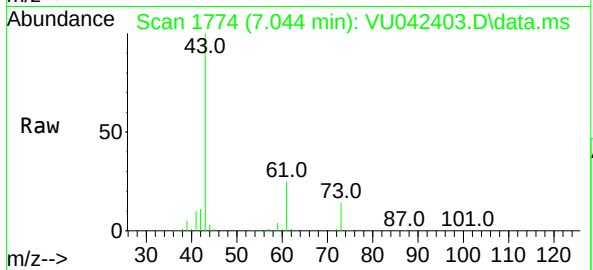




#45
1,2-Dichloropropane
Concen: 0.60 ug/l
RT: 7.044 min Scan# 1774
Delta R.T. 0.244 min
Lab File: VU042403.D
Acq: 22 Feb 2021 18:20

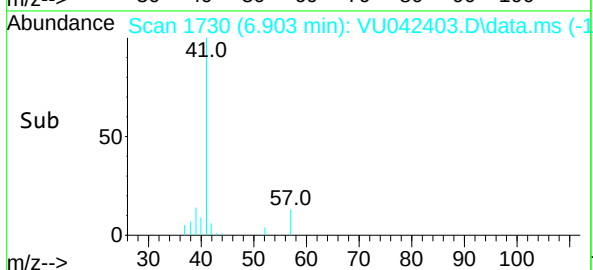
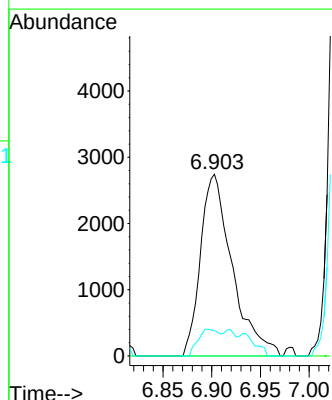
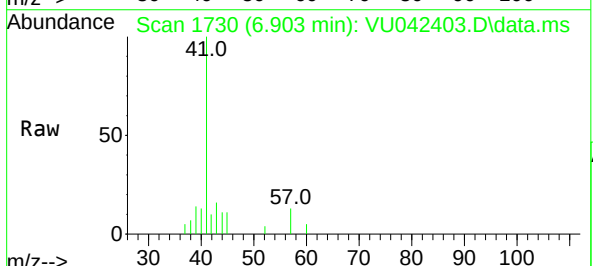
Instrument :
MSVOA_U
ClientSampled :

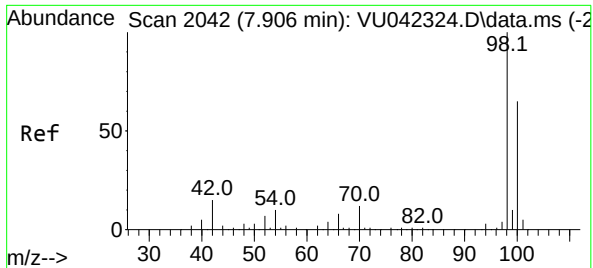
Tgt Ion: 63 Resp: 1250
Ion Ratio Lower Upper
63 100
65 0.0 25.4 38.2#



#48
Methyl methacrylate
Concen: 2.05 ug/l
RT: 6.903 min Scan# 1730
Delta R.T. -0.064 min
Lab File: VU042403.D
Acq: 22 Feb 2021 18:20

Tgt Ion: 41 Resp: 6214
Ion Ratio Lower Upper
41 100
69 0.0 57.0 85.6#
39 0.0 48.4 72.6#

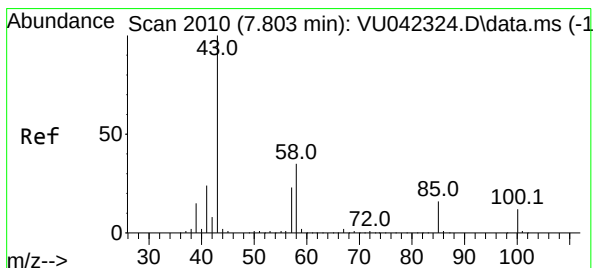
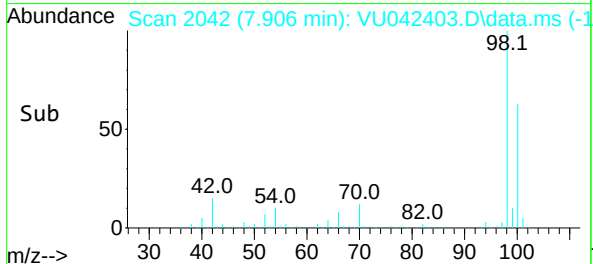
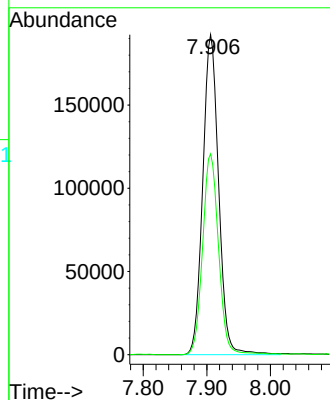
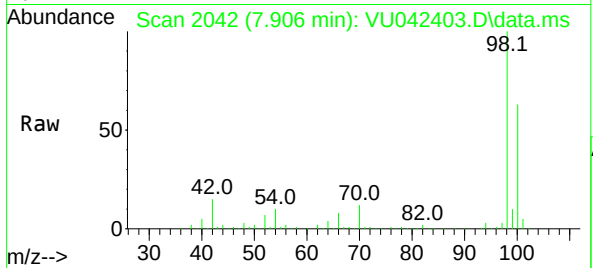




#50
Toluene-d8
Concen: 48.63 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU042403.D
Acq: 22 Feb 2021 18:20

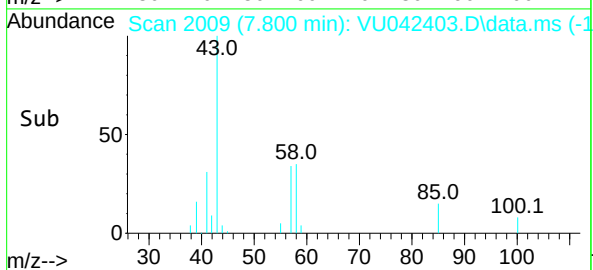
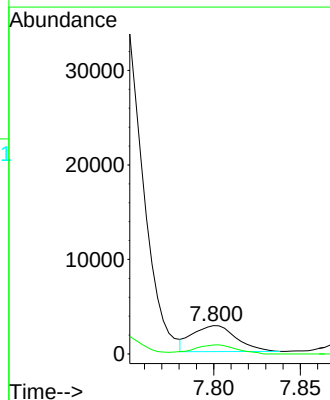
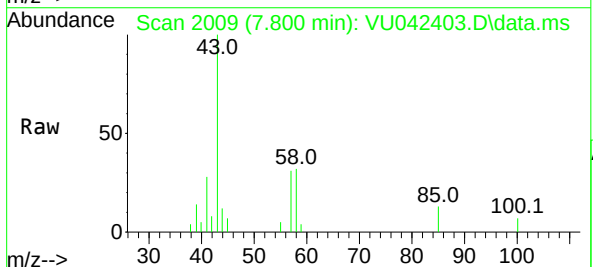
Instrument :
MSVOA_U
ClientSampled :

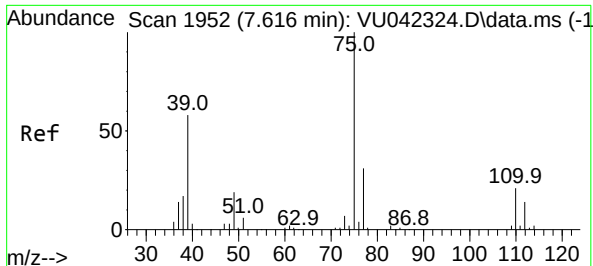
Tgt Ion: 98 Resp: 332689
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.17 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU042403.D
Acq: 22 Feb 2021 18:20

Tgt Ion: 43 Resp: 4824
Ion Ratio Lower Upper
43 100
58 34.1 28.1 42.1

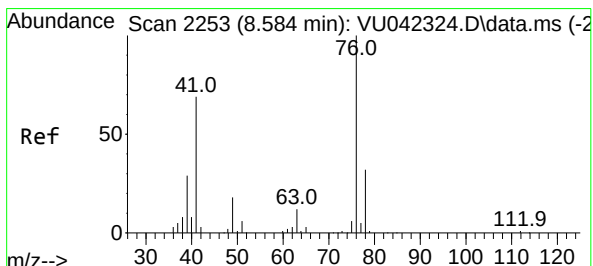
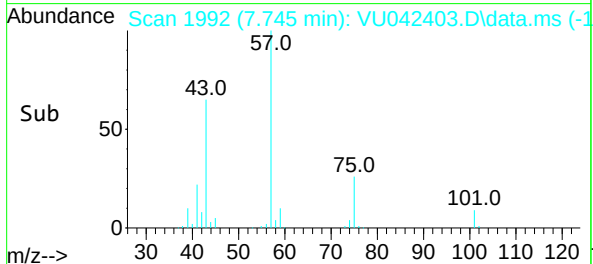
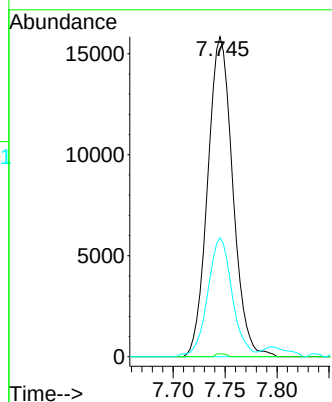
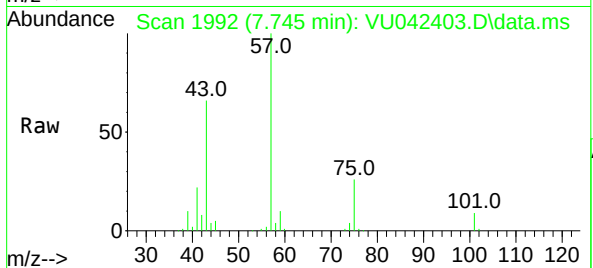




#54
 cis-1,3-Dichloropropene
 Concen: 7.97 ug/l
 RT: 7.745 min Scan# 1992
 Delta R.T. 0.129 min
 Lab File: VU042403.D
 Acq: 22 Feb 2021 18:20

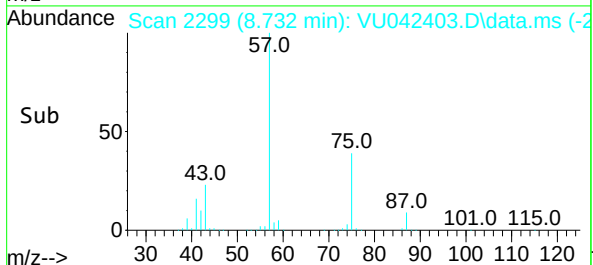
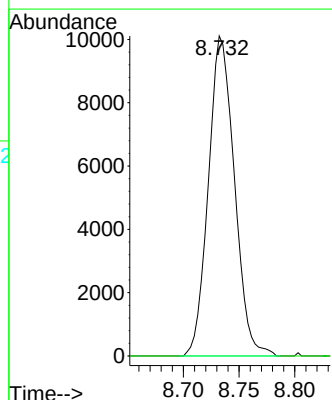
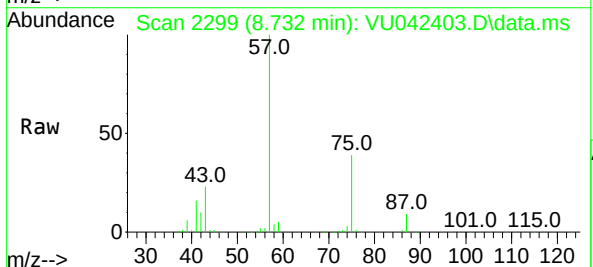
Instrument :
 MSVOA_U
 ClientSampled :

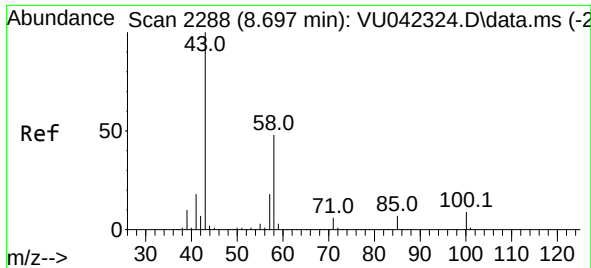
Tgt Ion: 75 Resp: 26567
 Ion Ratio Lower Upper
 75 100
 77 0.9 24.6 37.0#
 39 36.4 46.1 69.1#



#57
 1,3-Dichloropropane
 Concen: 4.88 ug/l
 RT: 8.732 min Scan# 2299
 Delta R.T. 0.148 min
 Lab File: VU042403.D
 Acq: 22 Feb 2021 18:20

Tgt Ion: 76 Resp: 16448
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#

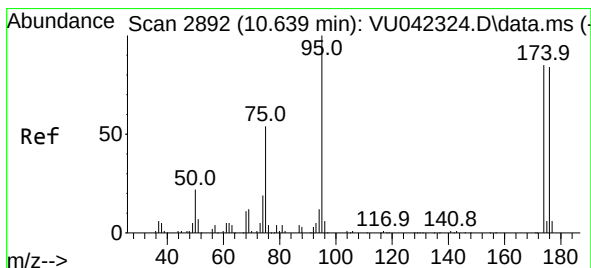
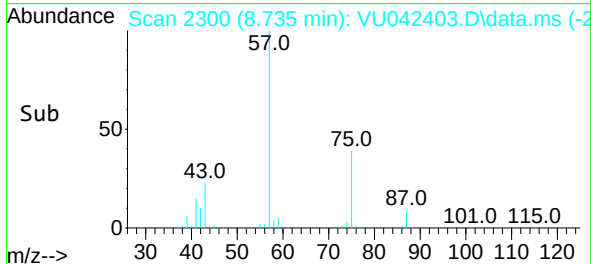
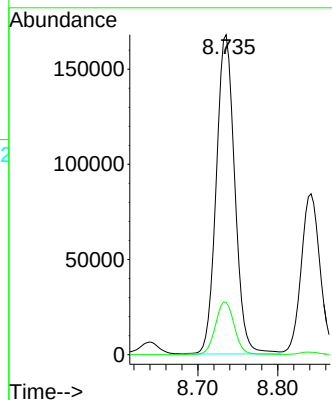
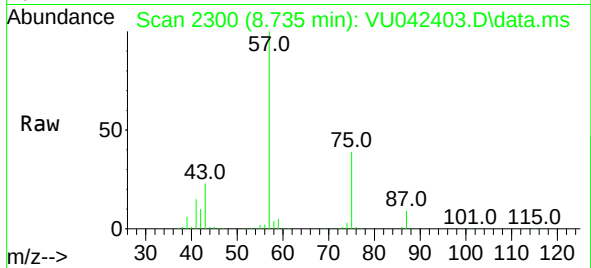




#59
2-Hexanone
Concen: 81.42 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.039 min
Lab File: VU042403.D
Acq: 22 Feb 2021 18:20

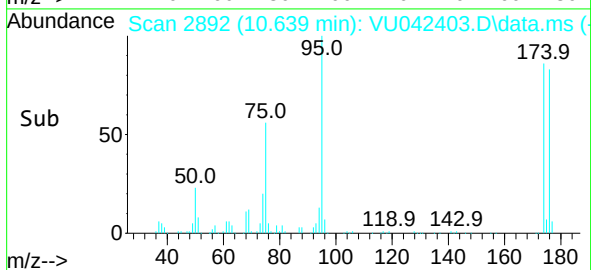
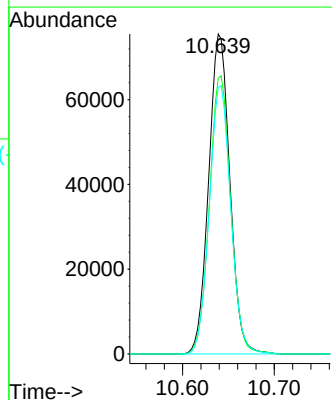
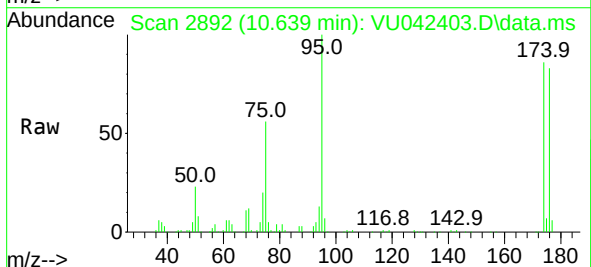
Instrument :
MSVOA_U
ClientSampled :

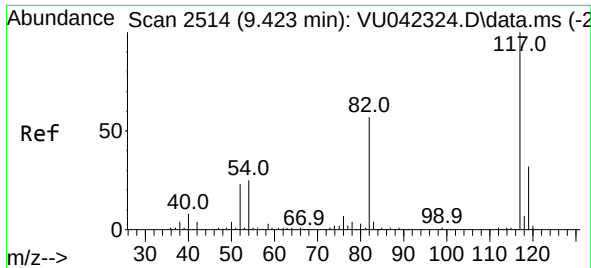
Tgt Ion: 43 Resp: 269187
Ion Ratio Lower Upper
43 100
58 17.2 24.0 72.0#



#62
4-Bromofluorobenzene
Concen: 45.10 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU042403.D
Acq: 22 Feb 2021 18:20

Tgt Ion: 95 Resp: 121614
Ion Ratio Lower Upper
95 100
174 87.3 0.0 172.2
176 84.7 0.0 168.8

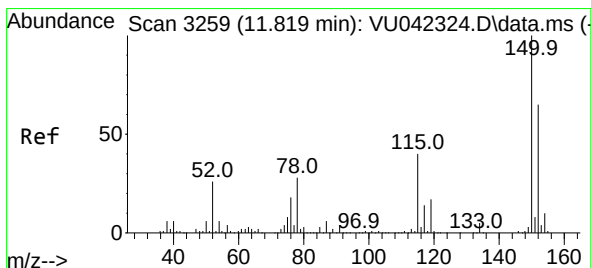
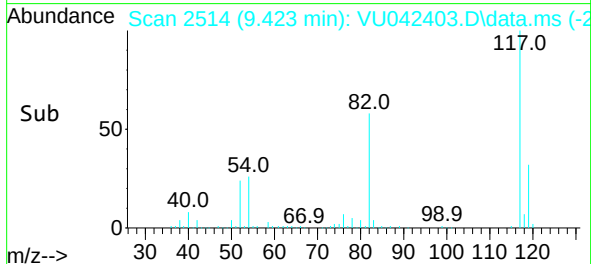
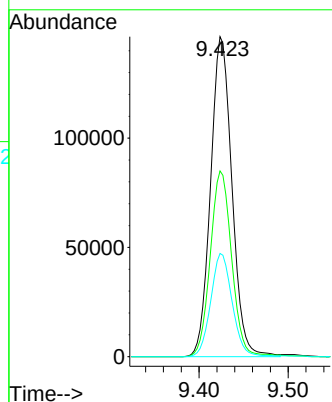
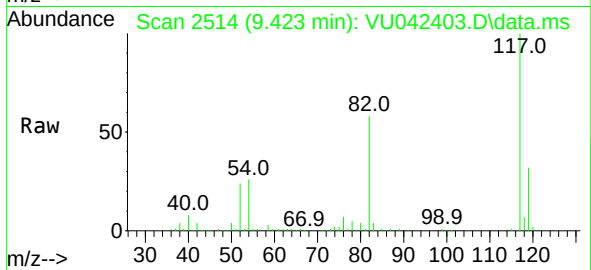




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU042403.D
Acq: 22 Feb 2021 18:20

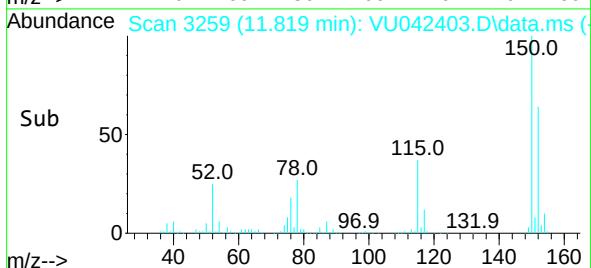
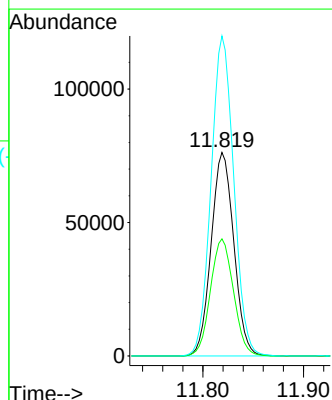
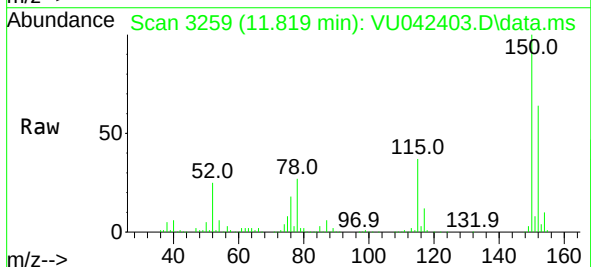
Instrument :
MSVOA_U
ClientSampleId :

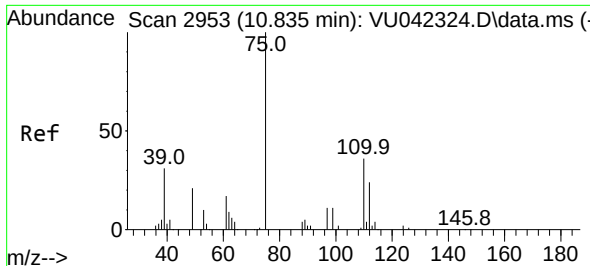
Tgt Ion:117 Resp: 243970
Ion Ratio Lower Upper
117 100
82 58.0 45.8 68.6
119 32.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042403.D
Acq: 22 Feb 2021 18:20

Tgt Ion:152 Resp: 119527
Ion Ratio Lower Upper
152 100
115 58.4 41.5 124.6
150 157.2 0.0 342.4

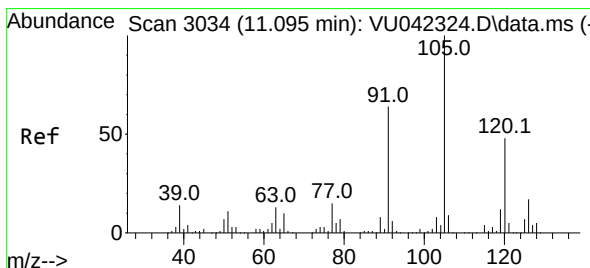
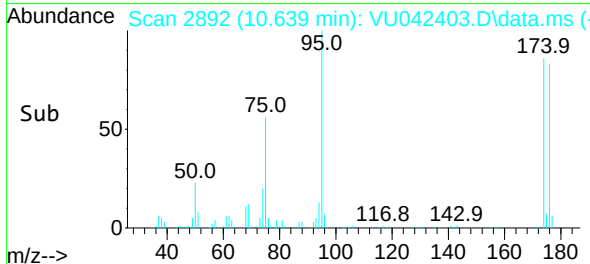
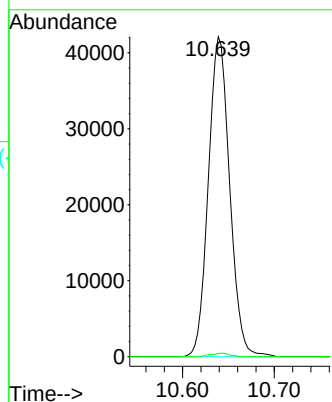
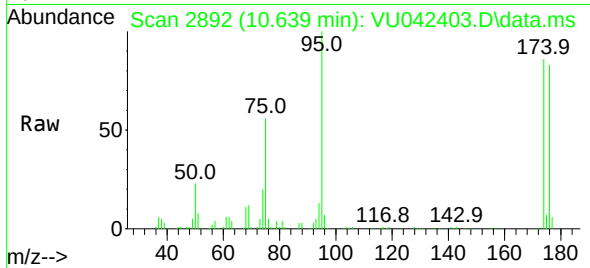




#76
 1,2,3-Trichloropropane
 Concen: 23.03 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU042403.D
 Acq: 22 Feb 2021 18:20

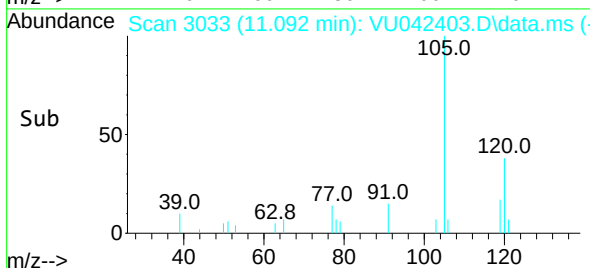
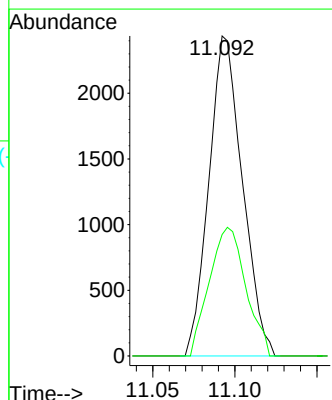
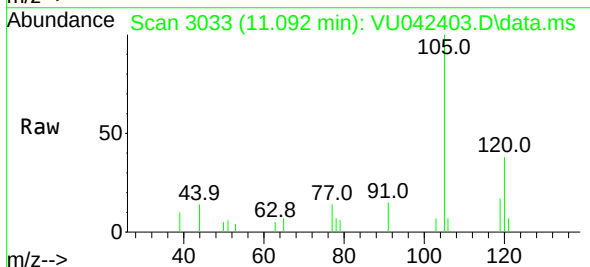
Instrument :
 MSVOA_U
 ClientSampled :

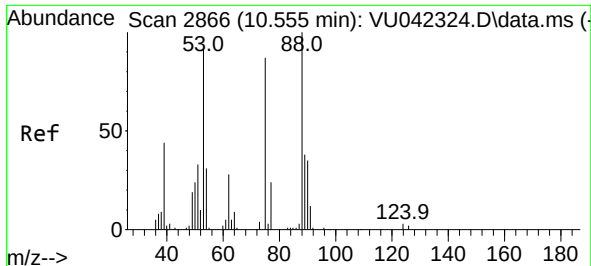
Tgt Ion: 75 Resp: 68053
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.2 60.5#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.50 ug/l
 RT: 11.092 min Scan# 3033
 Delta R.T. -0.003 min
 Lab File: VU042403.D
 Acq: 22 Feb 2021 18:20

Tgt Ion: 105 Resp: 3454
 Ion Ratio Lower Upper
 105 100
 120 43.9 23.8 71.4

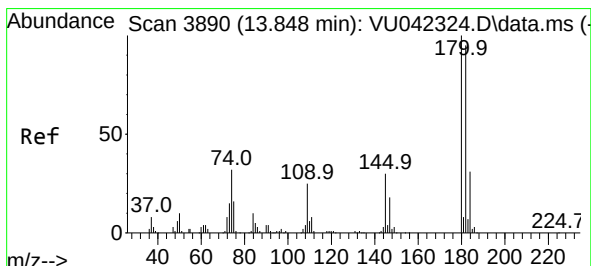
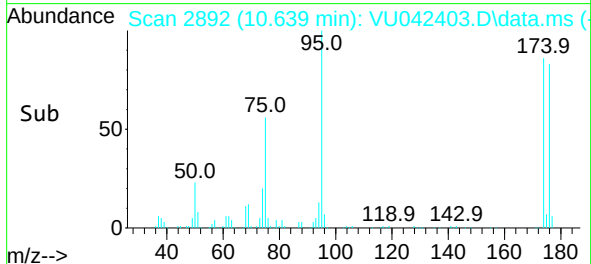
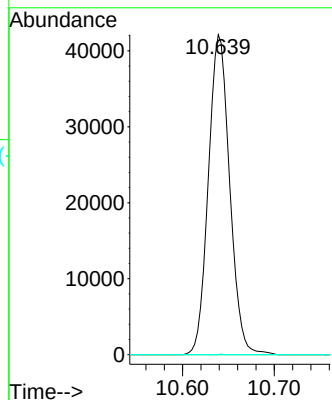
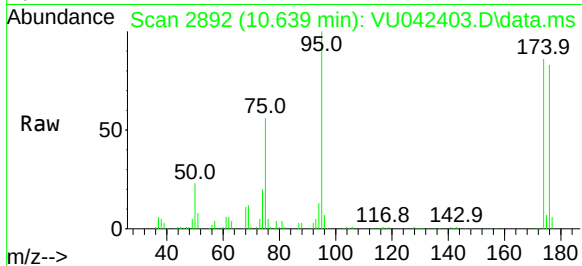




#81
trans-1,4-Dichloro-2-butene
Concen: 62.60 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU042403.D
Acq: 22 Feb 2021 18:20

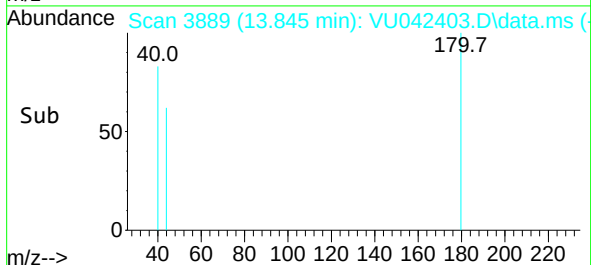
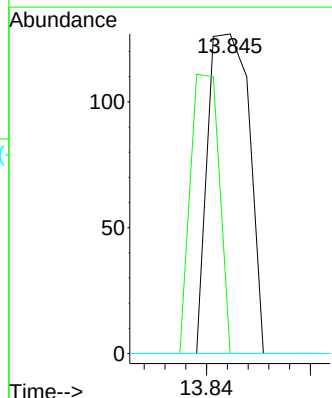
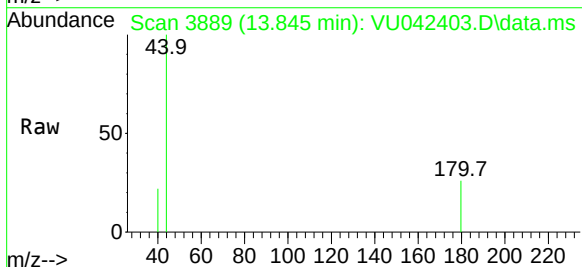
Instrument :
MSVOA_U
ClientSampled :

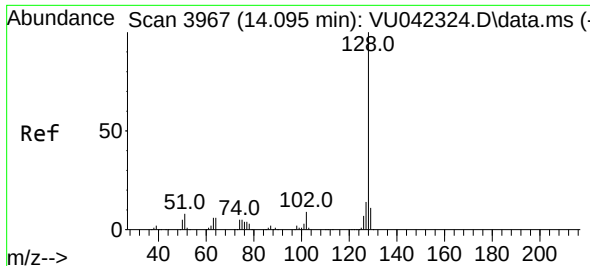
Tgt Ion: 75 Resp: 68053
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#93
1,2,4-Trichlorobenzene
Concen: 1.71 ug/l
RT: 13.845 min Scan# 3889
Delta R.T. -0.003 min
Lab File: VU042403.D
Acq: 22 Feb 2021 18:20

Tgt Ion:180 Resp: 70
Ion Ratio Lower Upper
180 100
182 61.4 46.9 140.8
145 0.0 14.4 43.4#

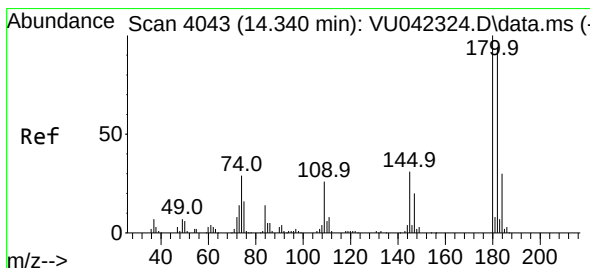
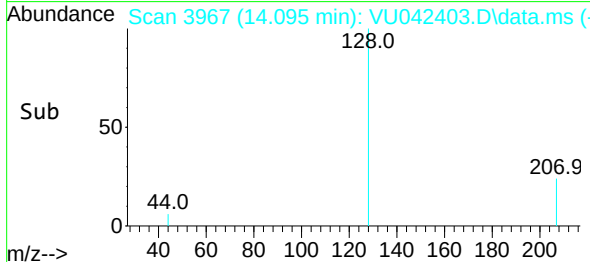
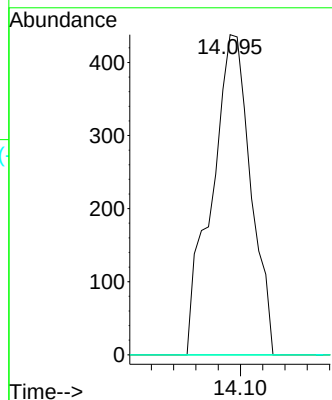
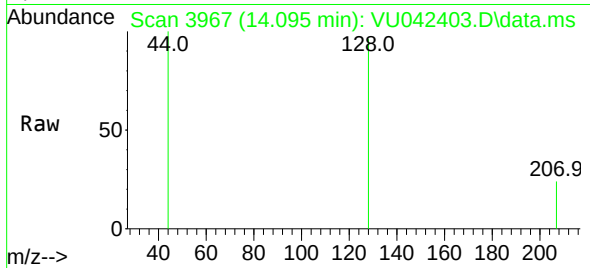




#95
Naphthalene
Concen: 2.28 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042403.D
Acq: 22 Feb 2021 18:20

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 534
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: 1.68 ug/l
RT: 14.349 min Scan# 4046
Delta R.T. 0.009 min
Lab File: VU042403.D
Acq: 22 Feb 2021 18:20

Tgt Ion:180 Resp: 20
Ion Ratio Lower Upper
180 100
182 0.0 48.0 144.0#
145 0.0 15.5 46.5#

