

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045723.D
 Acq On : 11 Nov 2021 05:36
 Operator : SY/MD
 Sample : M4594-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FB01-20211108

Quant Time: Nov 11 13:10:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

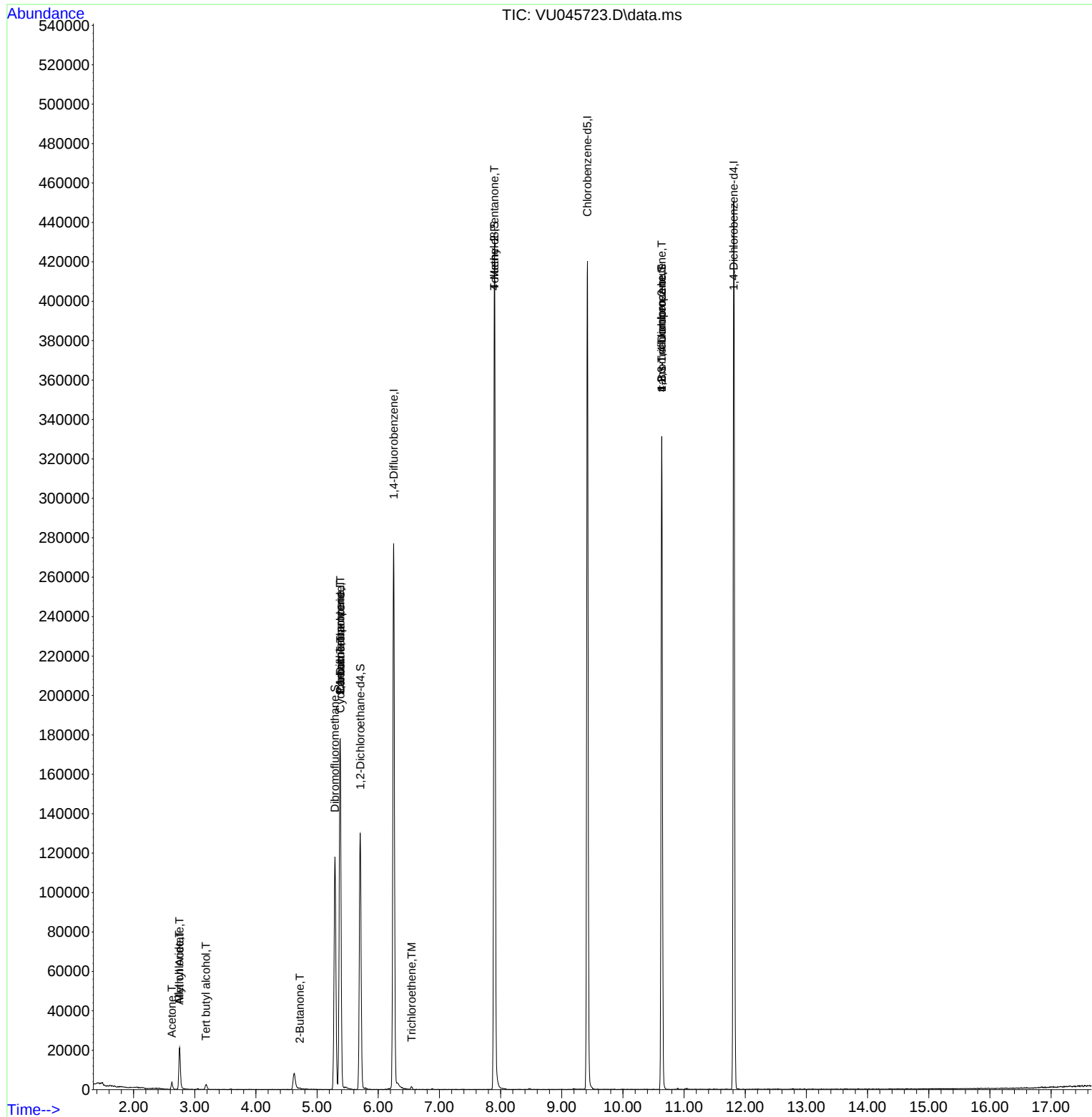
Internal Standards						
1) Pentafluorobenzene	5.378	168	118081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	218280	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	227402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	112803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	96744	54.707	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.420%	
35) Dibromofluoromethane	5.292	113	74605	51.193	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.380%	
50) Toluene-d8	7.899	98	287061	52.972	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.940%	
62) 4-Bromofluorobenzene	10.635	95	109379	50.335	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.660%	
Target Compounds						Qvalue
11) Tert butyl alcohol	3.182	59	1791	5.117	ug/l #	72
14) Allyl chloride	2.748	41	1989	0.857	ug/l #	59
16) Acetone	2.626	43	3884	4.315	ug/l	98
18) Methyl Acetate	2.751	43	6021	1.964	ug/l #	50
25) 2-Butanone	4.716	43	471	0.377	ug/l #	47
31) Cyclohexane	5.382	56	2497	0.968	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	10856	5.101	ug/l #	49
38) Carbon Tetrachloride	5.378	117	13104	6.107	ug/l #	16
44) Trichloroethene	6.546	130	465	0.308	ug/l	93
51) 4-Methyl-2-Pentanone	7.899	43	1086	0.440	ug/l #	1
76) 1,2,3-Trichloropropane	10.635	75	57743	16.880	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.635	75	57743	54.980	ug/l #	12

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

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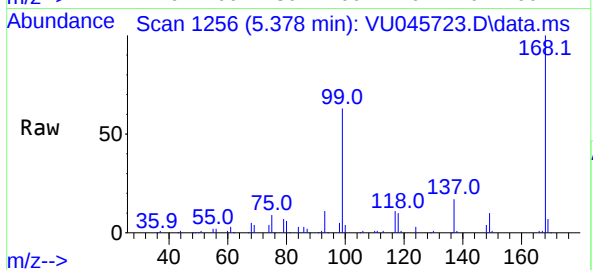
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
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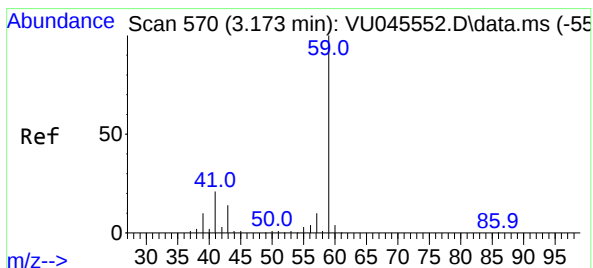
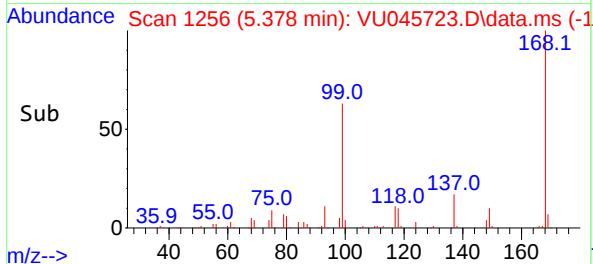
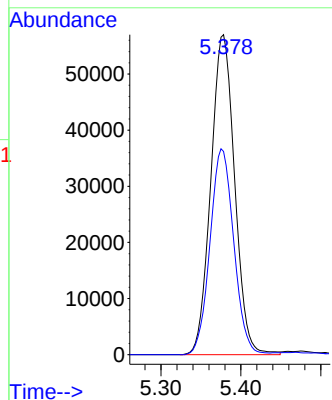


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045723.D
Acq: 11 Nov 2021 05:36

Instrument :
MSVOA_U
ClientSampleId :
FB01-20211108

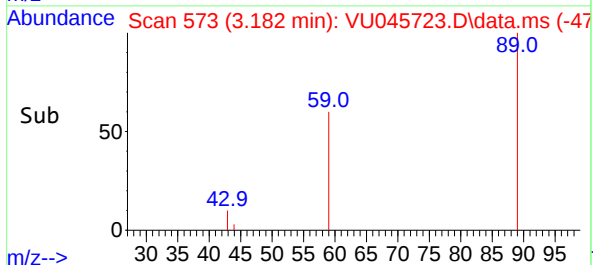
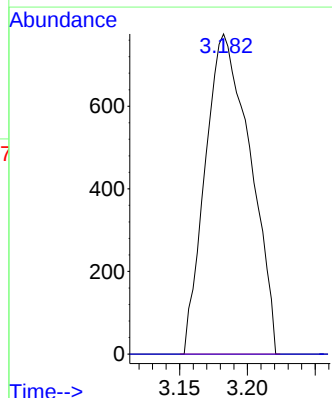
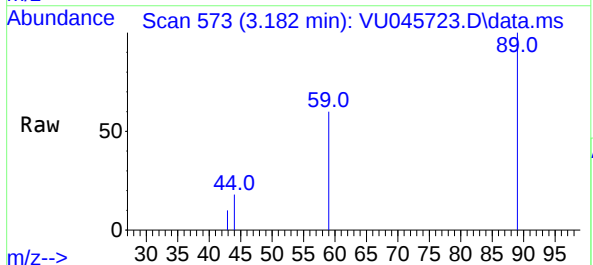


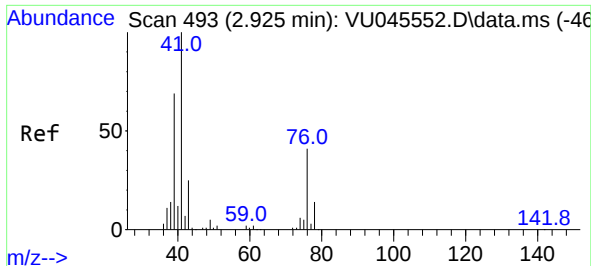
Tgt Ion:168 Resp: 118081
Ion Ratio Lower Upper
168 100
99 63.5 51.0 76.6



#11
Tert butyl alcohol
Concen: 5.117 ug/l
RT: 3.182 min Scan# 573
Delta R.T. 0.010 min
Lab File: VU045723.D
Acq: 11 Nov 2021 05:36

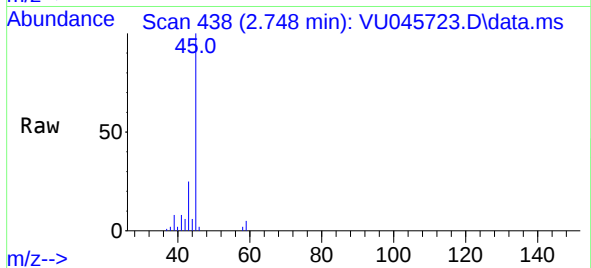
Tgt Ion: 59 Resp: 1791
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



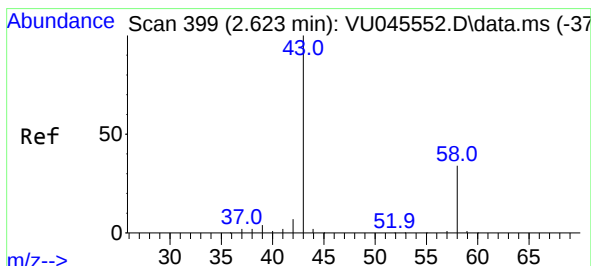
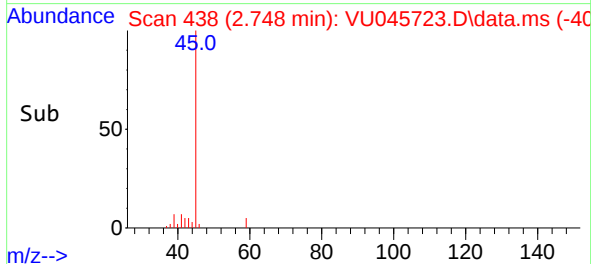
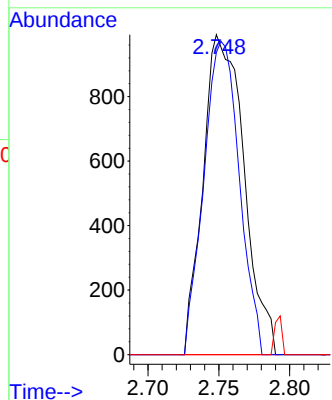


#14
 Allyl chloride
 Concen: 0.857 ug/l
 RT: 2.748 min Scan# 41
 Delta R.T. -0.177 min
 Lab File: VU045723.D
 Acq: 11 Nov 2021 05:36

Instrument :
 MSVOA_U
 ClientSampleId :
 FB01-20211108

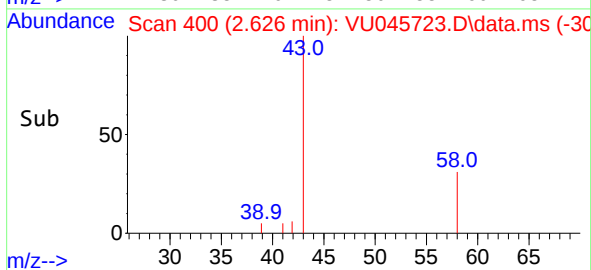
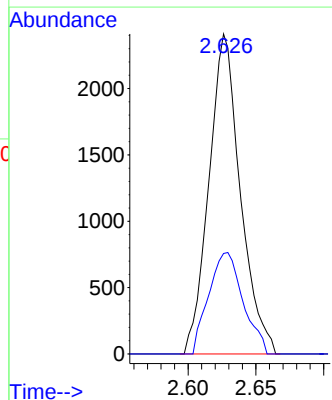
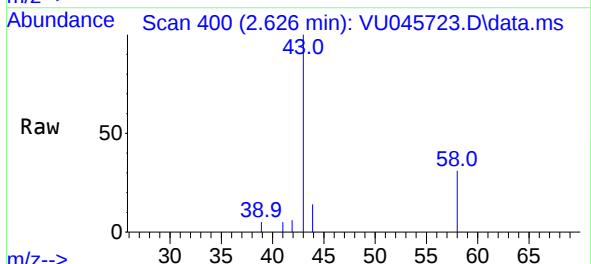


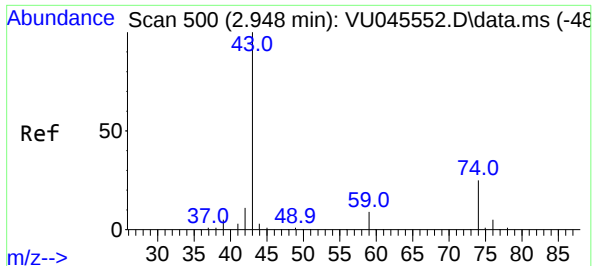
Tgt Ion: 41 Resp: 1989
 Ion Ratio Lower Upper
 41 100
 39 85.1 49.7 74.5#
 76 0.0 27.7 41.5#



#16
 Acetone
 Concen: 4.315 ug/l
 RT: 2.626 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU045723.D
 Acq: 11 Nov 2021 05:36

Tgt Ion: 43 Resp: 3884
 Ion Ratio Lower Upper
 43 100
 58 31.4 26.2 39.2

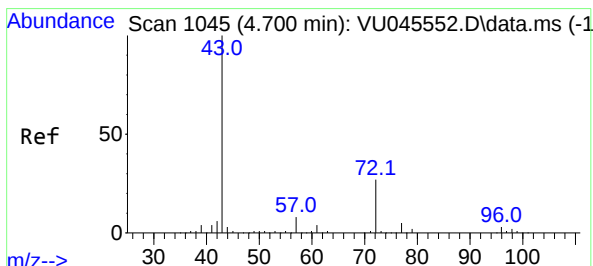
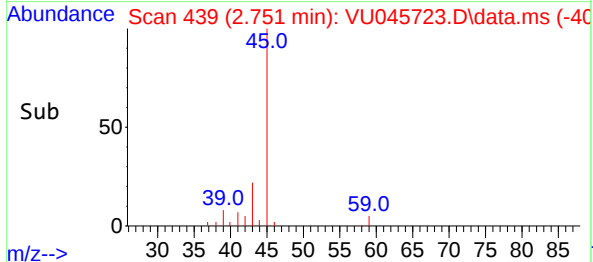
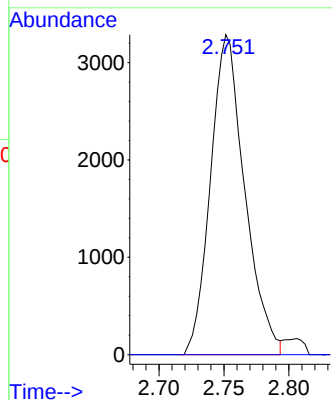
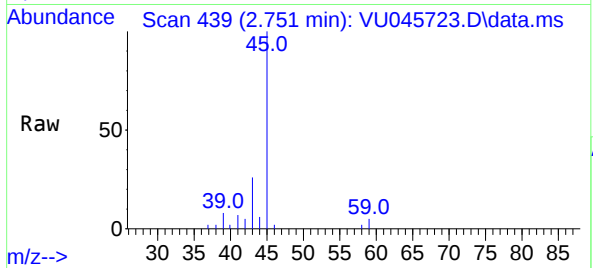




#18
Methyl Acetate
Concen: 1.964 ug/l
RT: 2.751 min Scan# 41
Delta R.T. -0.196 min
Lab File: VU045723.D
Acq: 11 Nov 2021 05:36

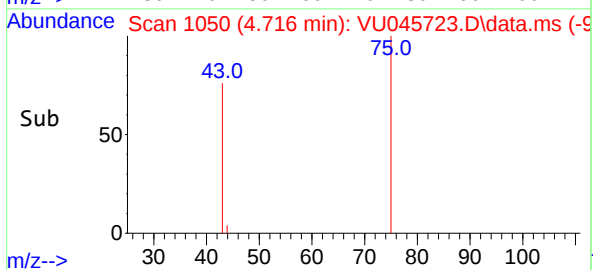
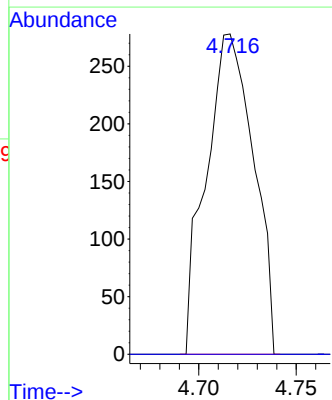
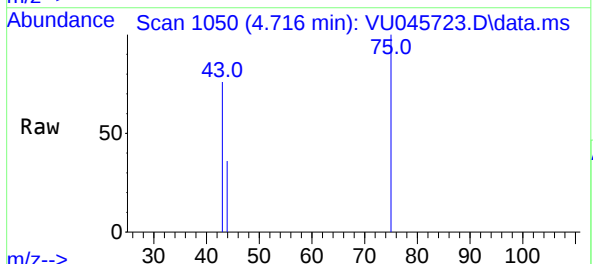
Instrument :
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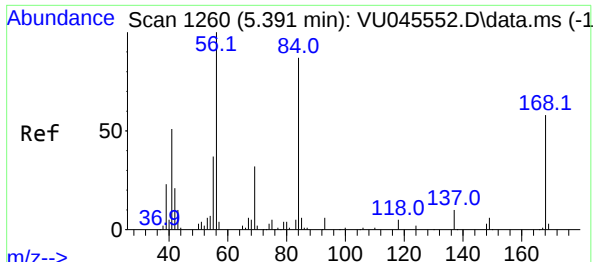
Tgt Ion: 43 Resp: 6021
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#25
2-Butanone
Concen: 0.377 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.016 min
Lab File: VU045723.D
Acq: 11 Nov 2021 05:36

Tgt Ion: 43 Resp: 471
Ion Ratio Lower Upper
43 100
72 0.0 22.0 33.0#

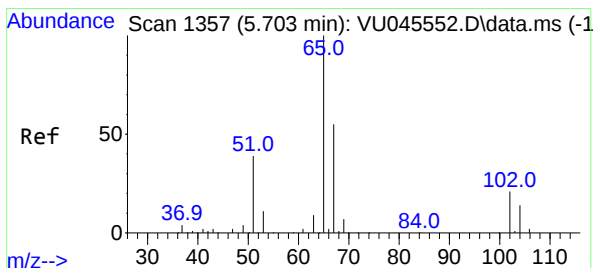
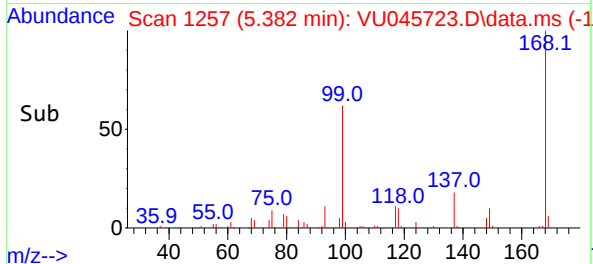
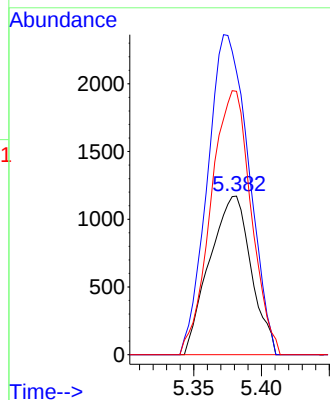
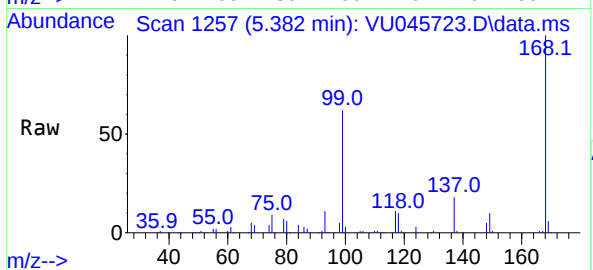




#31
Cyclohexane
Concen: 0.968 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU045723.D
Acq: 11 Nov 2021 05:36

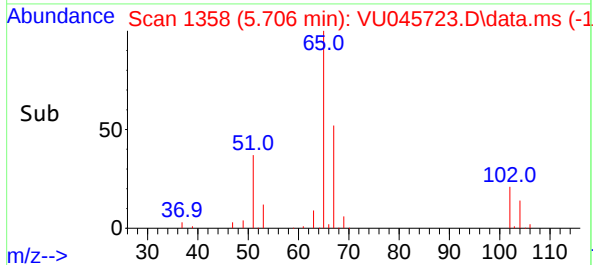
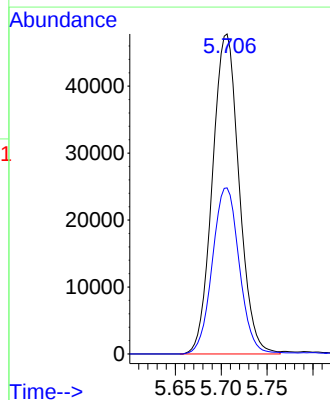
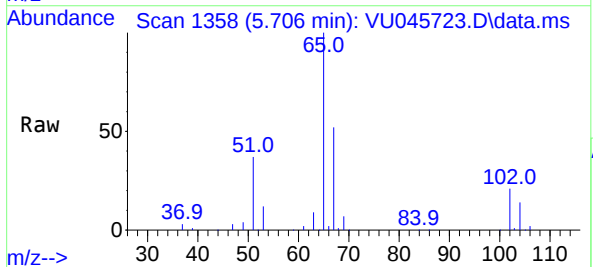
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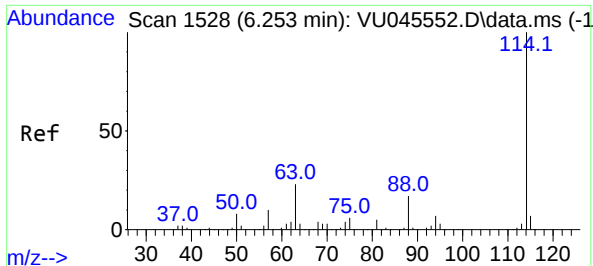
Tgt Ion: 56 Resp: 2497
Ion Ratio Lower Upper
56 100
69 178.4 26.4 39.6#
84 166.1 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 54.707 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU045723.D
Acq: 11 Nov 2021 05:36

Tgt Ion: 65 Resp: 96744
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.8

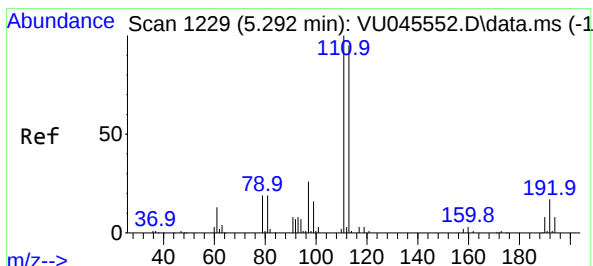
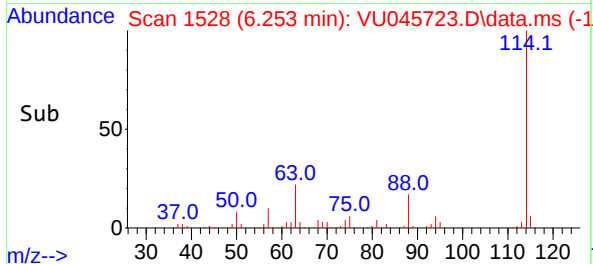
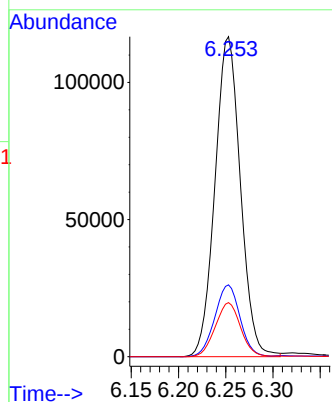
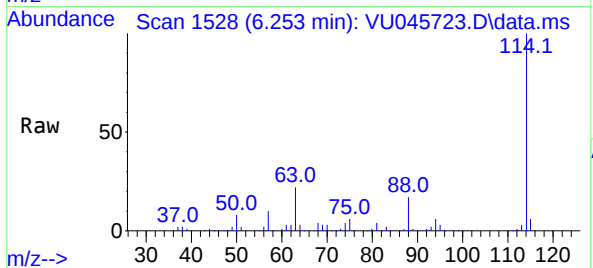




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045723.D
Acq: 11 Nov 2021 05:36

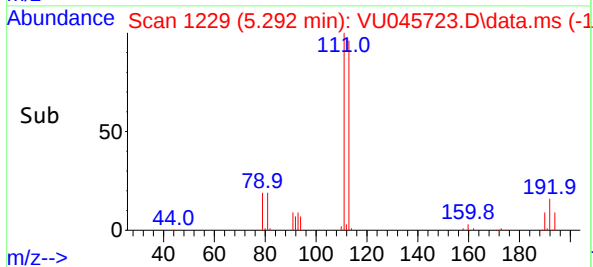
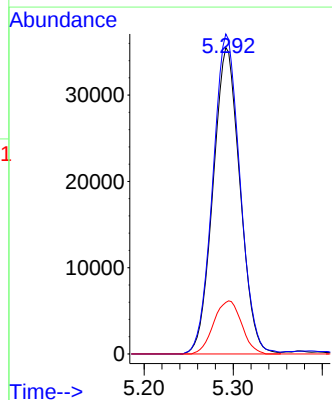
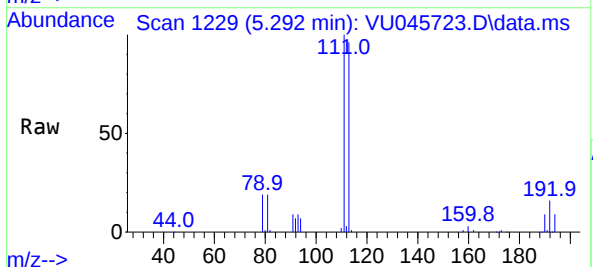
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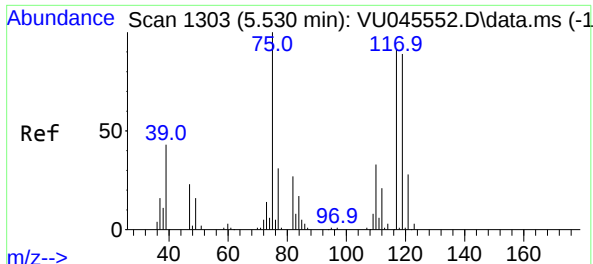
Tgt Ion:114 Resp: 218280
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.6
88 16.9 0.0 33.8



#35
Dibromofluoromethane
Concen: 51.193 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045723.D
Acq: 11 Nov 2021 05:36

Tgt Ion:113 Resp: 74605
Ion Ratio Lower Upper
113 100
111 105.2 82.8 124.2
192 18.0 14.8 22.2

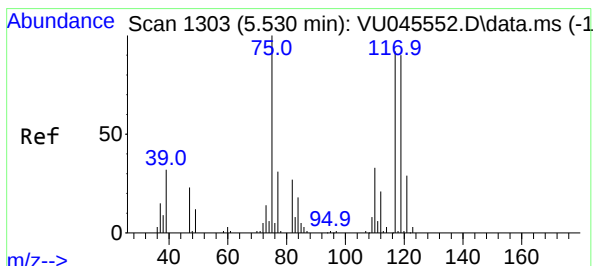
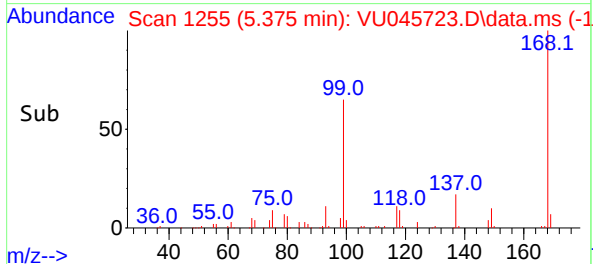
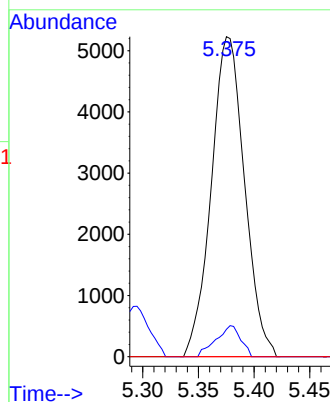
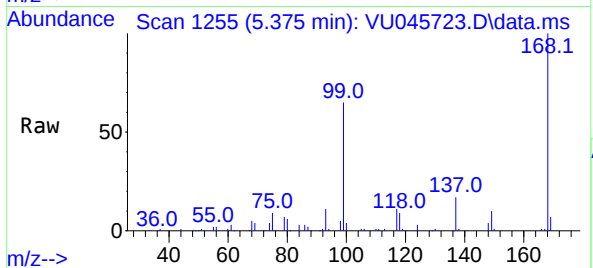




#36
1,1-Dichloropropene
Concen: 5.101 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.154 min
Lab File: VU045723.D
Acq: 11 Nov 2021 05:36

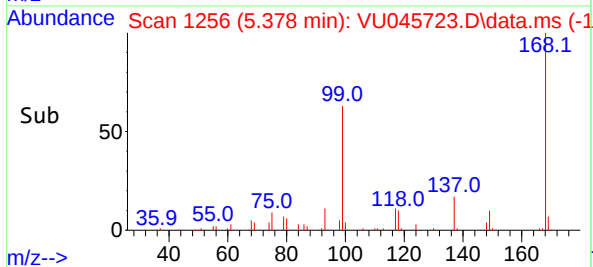
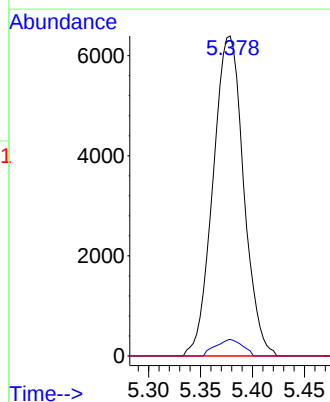
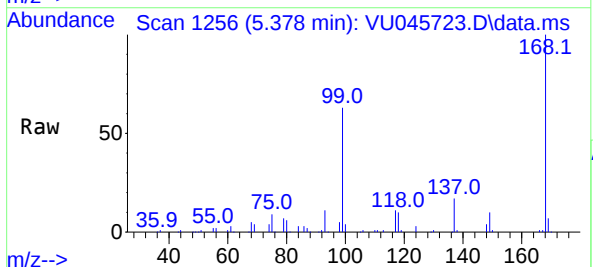
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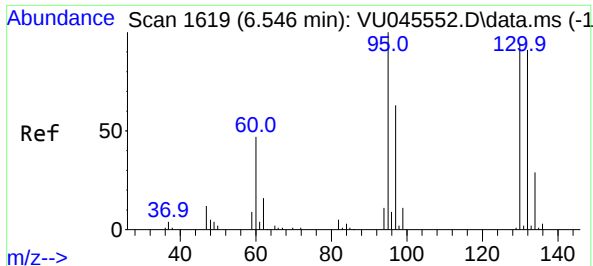
Tgt Ion: 75 Resp: 10856
Ion Ratio Lower Upper
75 100
110 7.2 16.7 50.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.107 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU045723.D
Acq: 11 Nov 2021 05:36

Tgt Ion:117 Resp: 13104
Ion Ratio Lower Upper
117 100
119 5.2 77.4 116.0#
121 0.0 24.8 37.2#

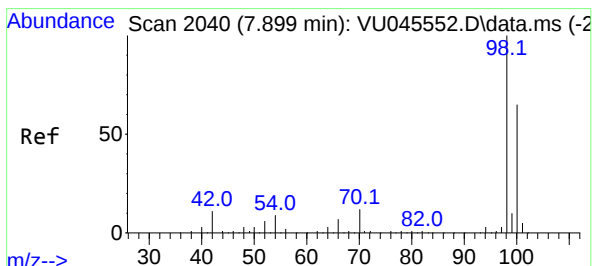
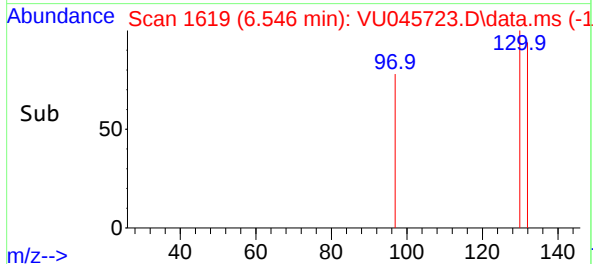
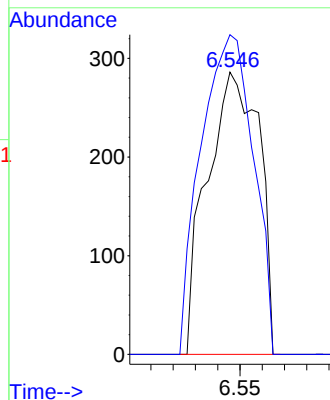
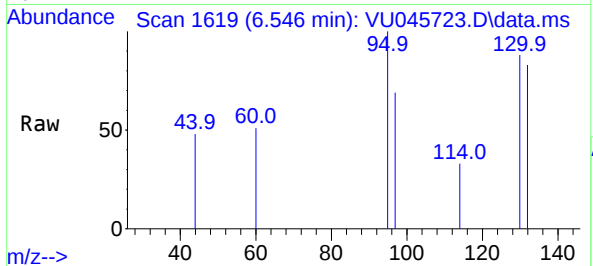




#44
Trichloroethene
Concen: 0.308 ug/l
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU045723.D
Acq: 11 Nov 2021 05:36

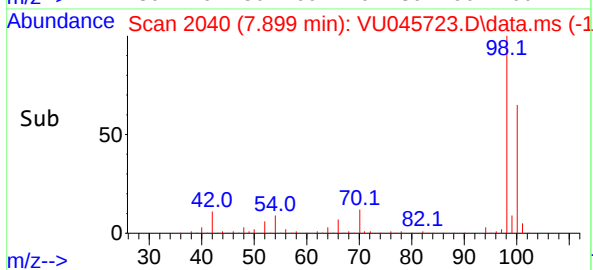
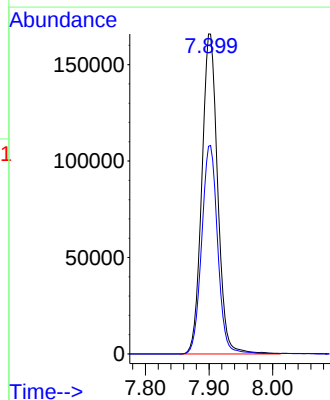
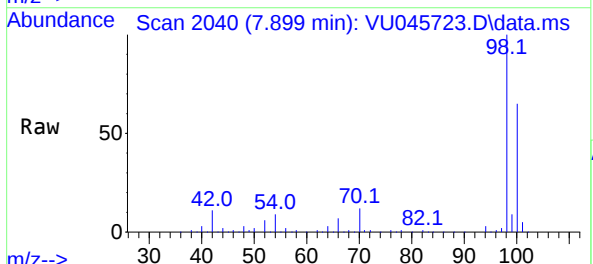
Instrument :
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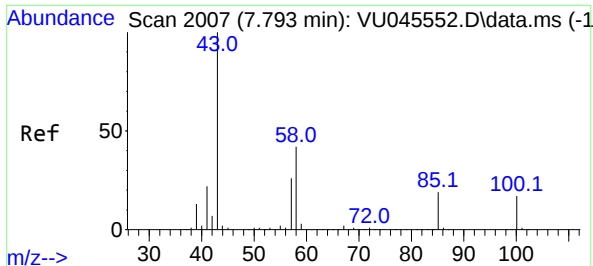
Tgt Ion:130 Resp: 465
Ion Ratio Lower Upper
130 100
95 113.3 0.0 211.4



#50
Toluene-d8
Concen: 52.972 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045723.D
Acq: 11 Nov 2021 05:36

Tgt Ion: 98 Resp: 287061
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

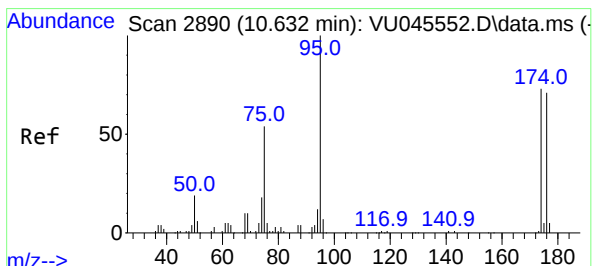
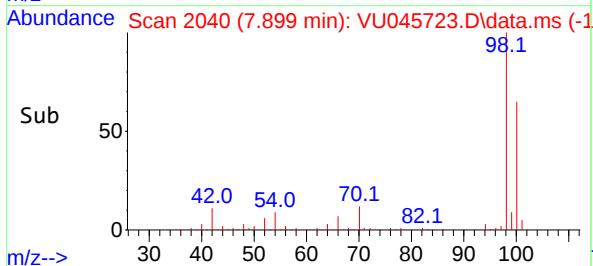
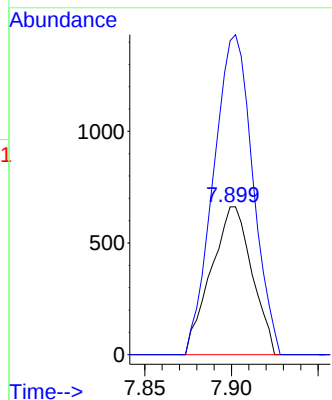
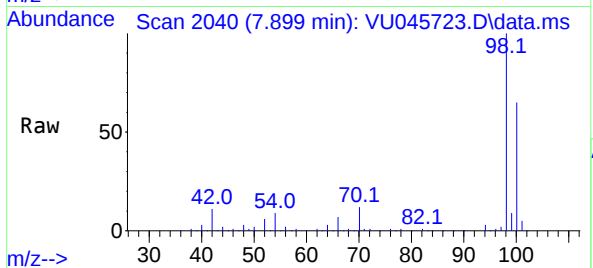




#51
4-Methyl-2-Pentanone
Concen: 0.440 ug/l
RT: 7.899 min Scan# 2007
Delta R.T. 0.106 min
Lab File: VU045723.D
Acq: 11 Nov 2021 05:36

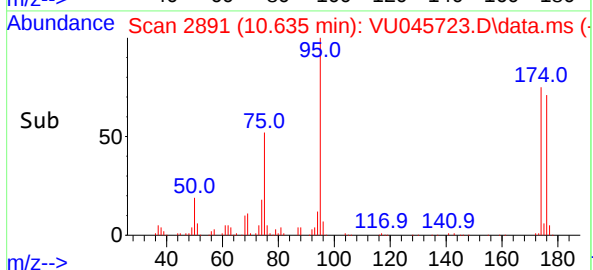
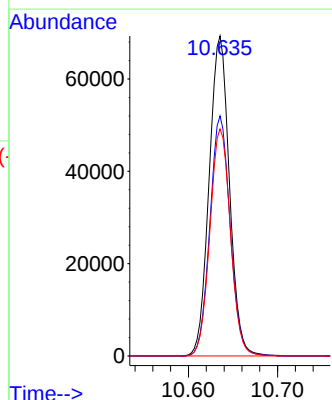
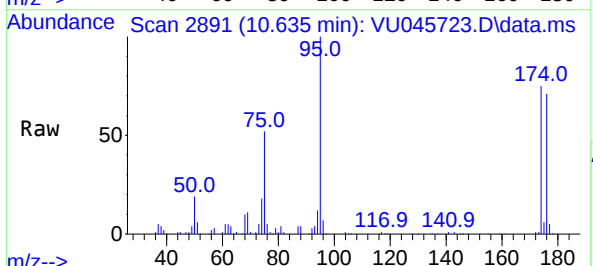
Instrument :
MSVOA_U
ClientSampleId :
FB01-20211108

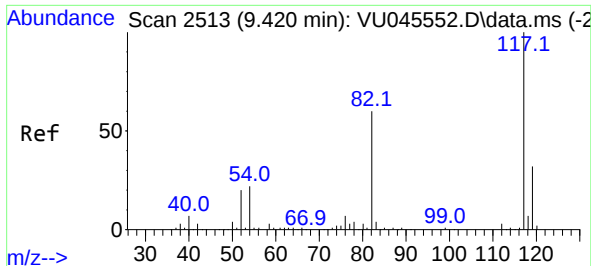
Tgt Ion: 43 Resp: 1086
Ion Ratio Lower Upper
43 100
58 208.3 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 50.335 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045723.D
Acq: 11 Nov 2021 05:36

Tgt Ion: 95 Resp: 109379
Ion Ratio Lower Upper
95 100
174 75.2 0.0 141.8
176 71.8 0.0 138.2

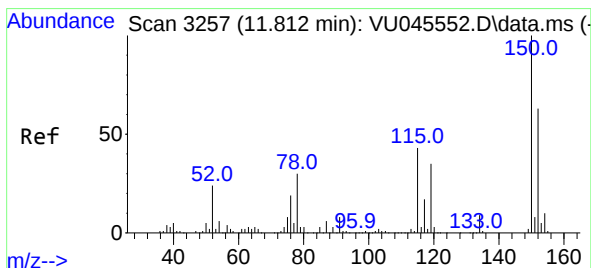
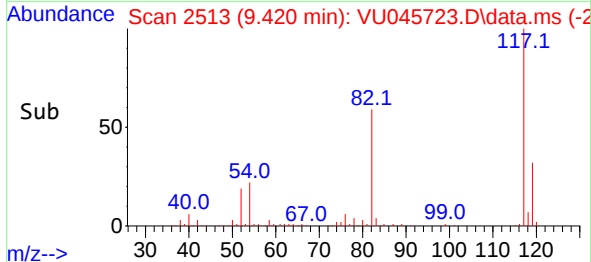
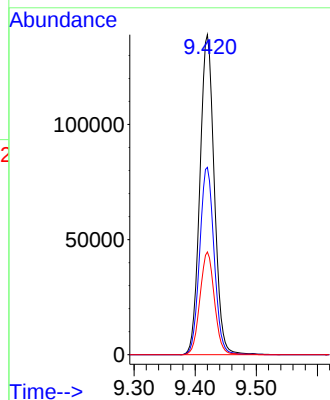
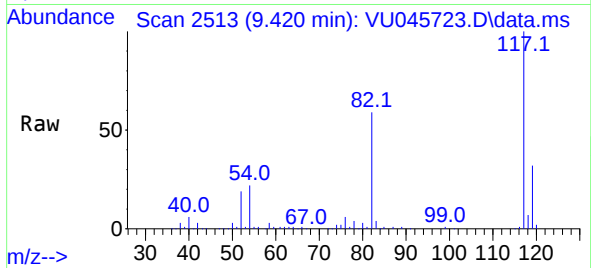




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045723.D
Acq: 11 Nov 2021 05:36

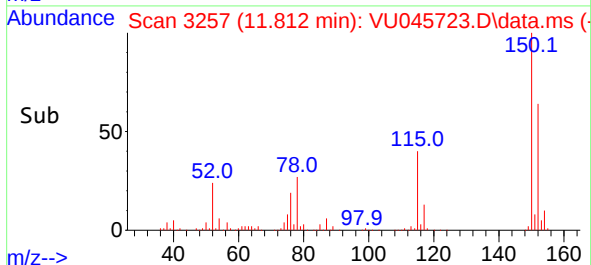
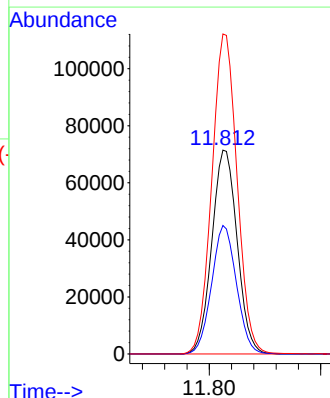
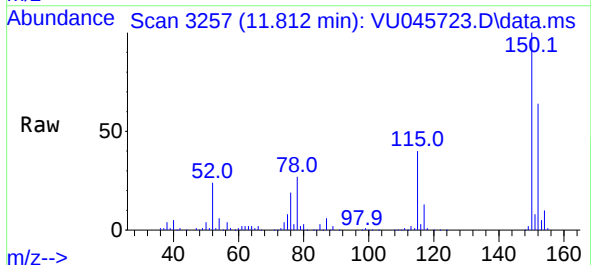
Instrument :
MSVOA_U
ClientSampleId :
FB01-20211108

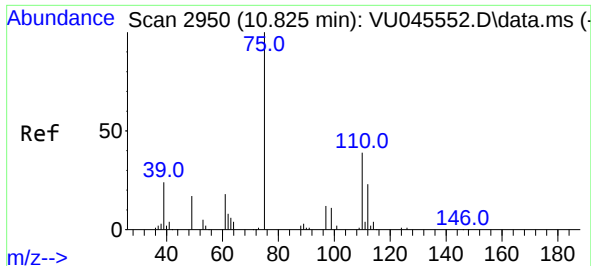
Tgt Ion:117 Resp: 227402
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.8
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU045723.D
Acq: 11 Nov 2021 05:36

Tgt Ion:152 Resp: 112803
Ion Ratio Lower Upper
152 100
115 61.9 42.7 128.1
150 156.7 0.0 346.8

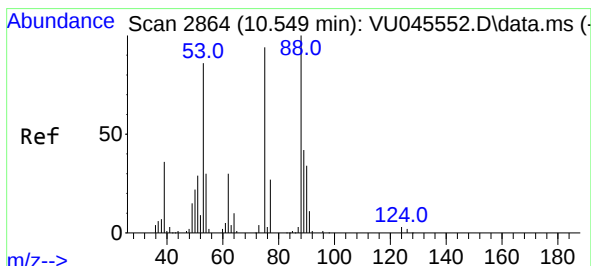
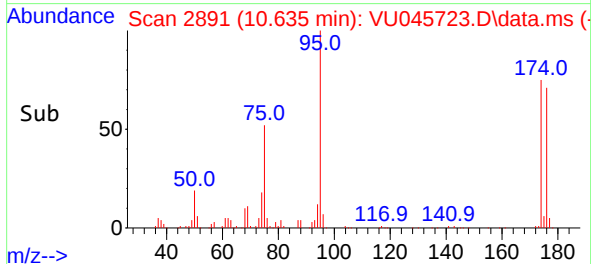
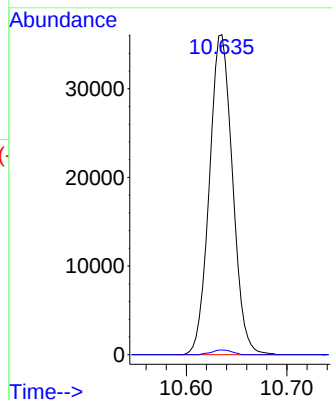
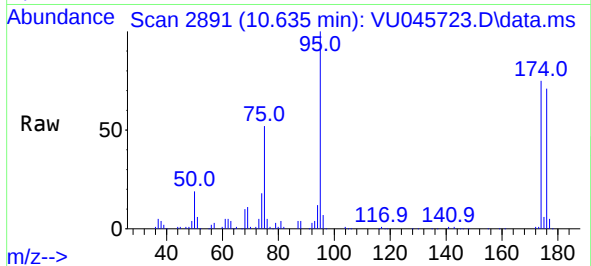




#76
1,2,3-Trichloropropane
Concen: 16.880 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045723.D
Acq: 11 Nov 2021 05:36

Instrument :
MSVOA_U
ClientSampleId :
FB01-20211108

Tgt Ion: 75 Resp: 57743
Ion Ratio Lower Upper
75 100
77 1.3 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.980 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.086 min
Lab File: VU045723.D
Acq: 11 Nov 2021 05:36

Tgt Ion: 75 Resp: 57743
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#

