

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045743.D
 Acq On : 11 Nov 2021 16:59
 Operator : SY/MD
 Sample : M4606-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MH-118.5T-20211109

Quant Time: Nov 12 06:10:49 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)

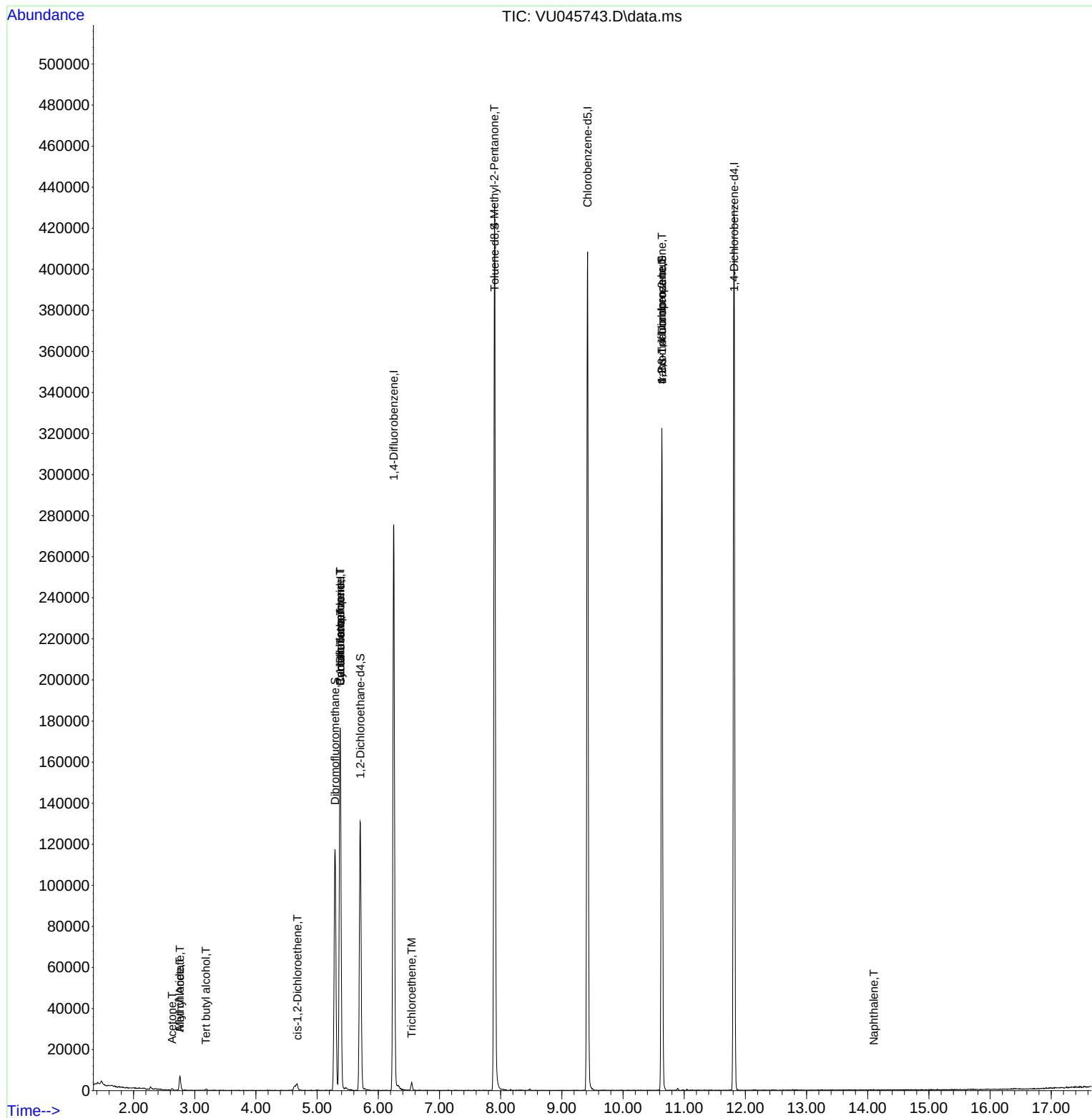
Internal Standards						
1) Pentafluorobenzene	5.379	168	116300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	219593	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	223504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	109480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	95677	54.932	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.860%			
35) Dibromofluoromethane	5.292	113	75203	51.294	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.580%			
50) Toluene-d8	7.899	98	289838	53.165	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.320%			
62) 4-Bromofluorobenzene	10.636	95	107385	49.122	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.240%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.183	59	363	1.053	ug/l #	72
14) Allyl chloride	2.755	41	656	0.287	ug/l #	63
16) Acetone	2.630	43	1048	1.182	ug/l #	88
18) Methyl Acetate	2.758	43	2111	0.699	ug/l #	50
27) cis-1,2-Dichloroethene	4.678	96	1609	1.029	ug/l	86
31) Cyclohexane	5.379	56	2467	0.971	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	10230	4.778	ug/l #	51
38) Carbon Tetrachloride	5.379	117	12812	5.935	ug/l #	16
44) Trichloroethene	6.546	130	1279	0.843	ug/l	100
51) 4-Methyl-2-Pentanone	7.896	43	1051	0.424	ug/l #	1
76) 1,2,3-Trichloropropane	10.636	75	57739	17.391	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	57739	56.554	ug/l #	12
95) Naphthalene	14.102	128	171	1.048	ug/l #	69

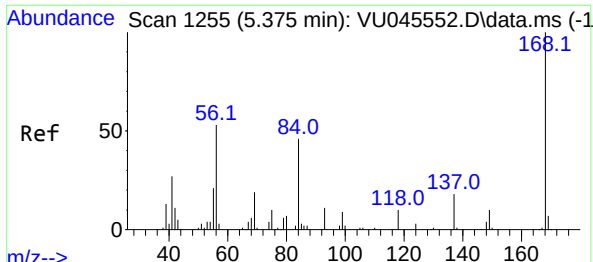
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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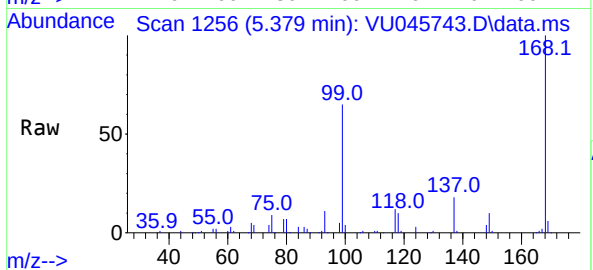
Quant Time: Nov 12 06:10:49 2021
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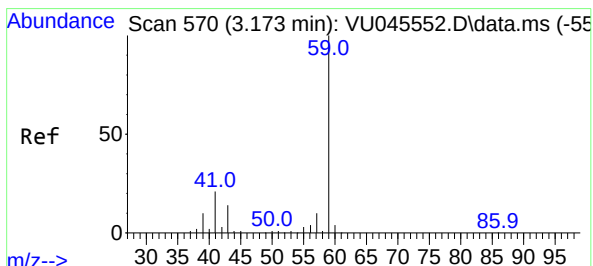
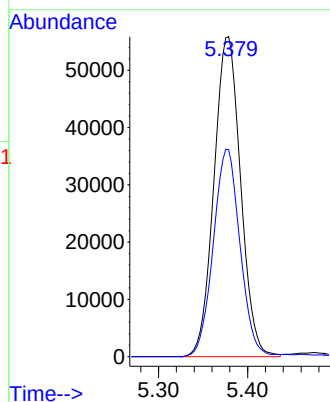
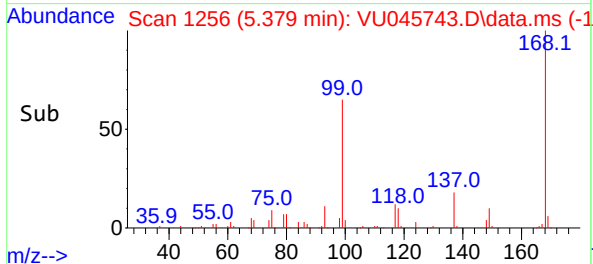


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045743.D
Acq: 11 Nov 2021 16:59

Instrument :
MSVOA_U
ClientSampleId :
MH-118.5T-20211109

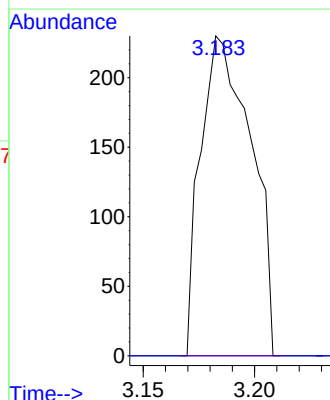
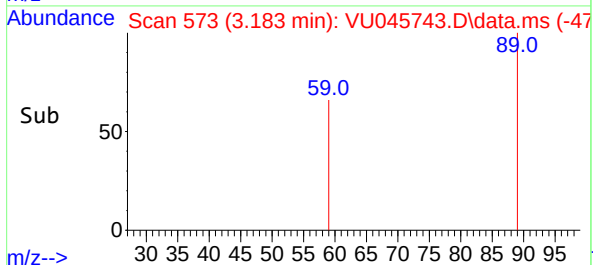
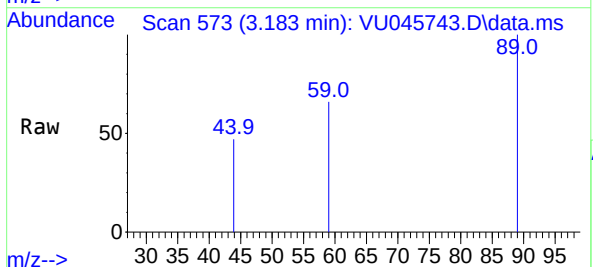


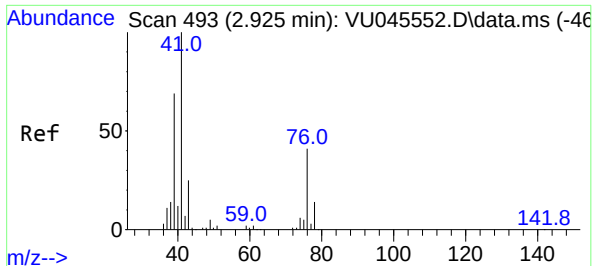
Tgt Ion:168 Resp: 116300
Ion Ratio Lower Upper
168 100
99 64.7 51.0 76.6



#11
Tert butyl alcohol
Concen: 1.053 ug/l
RT: 3.183 min Scan# 573
Delta R.T. 0.010 min
Lab File: VU045743.D
Acq: 11 Nov 2021 16:59

Tgt Ion: 59 Resp: 363
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

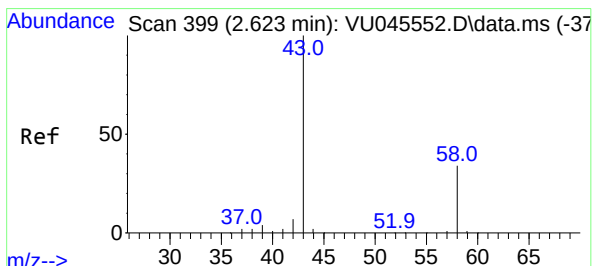
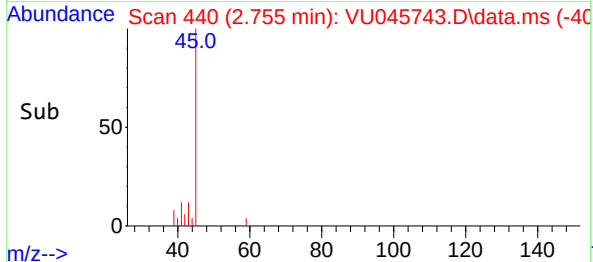
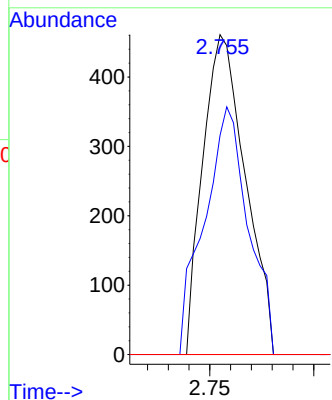
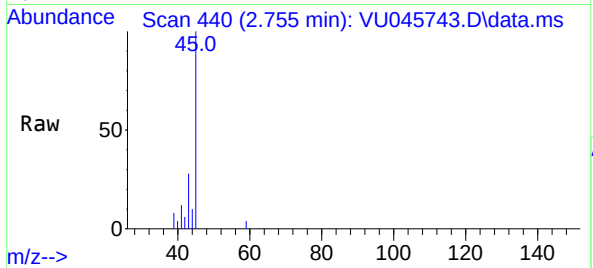




#14
 Allyl chloride
 Concen: 0.287 ug/l
 RT: 2.755 min Scan# 441
 Delta R.T. -0.170 min
 Lab File: VU045743.D
 Acq: 11 Nov 2021 16:59

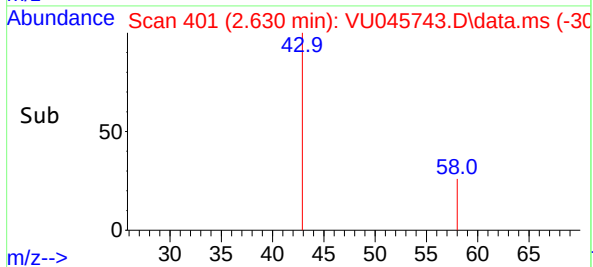
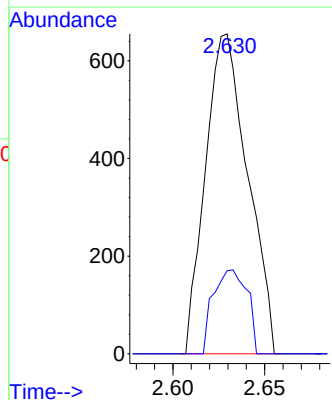
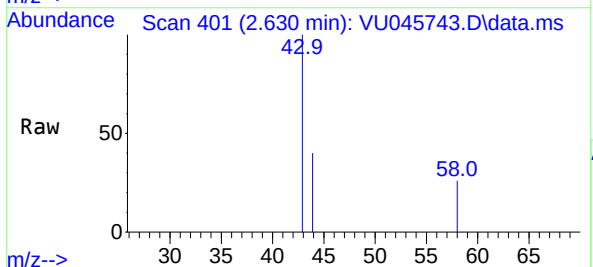
Instrument :
 MSVOA_U
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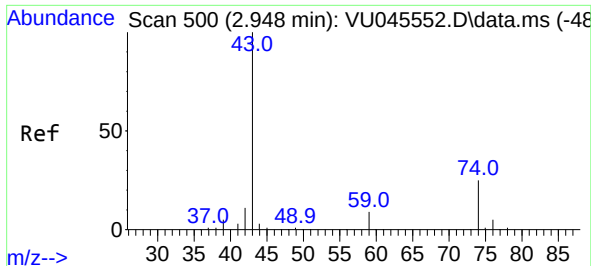
Tgt Ion: 41 Resp: 656
 Ion Ratio Lower Upper
 41 100
 39 80.2 49.7 74.5#
 76 0.0 27.7 41.5#



#16
 Acetone
 Concen: 1.182 ug/l
 RT: 2.630 min Scan# 401
 Delta R.T. 0.007 min
 Lab File: VU045743.D
 Acq: 11 Nov 2021 16:59

Tgt Ion: 43 Resp: 1048
 Ion Ratio Lower Upper
 43 100
 58 26.0 26.2 39.2#

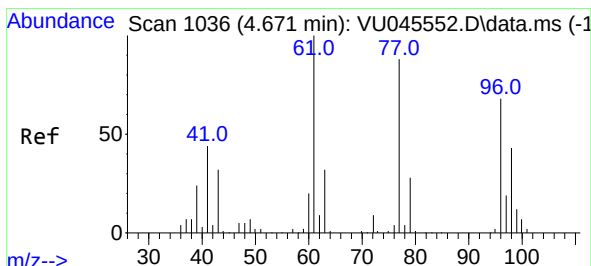
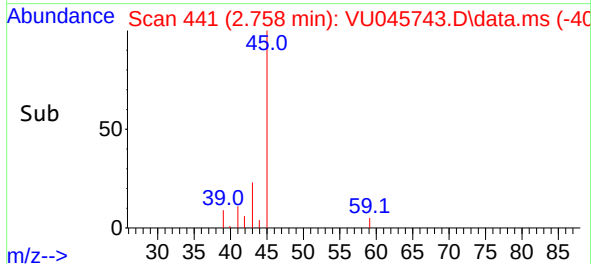
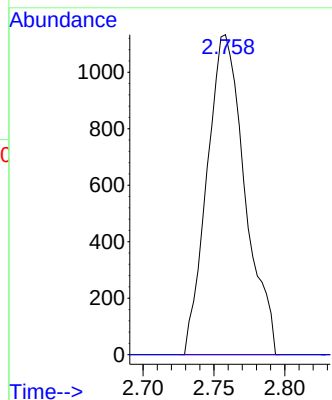
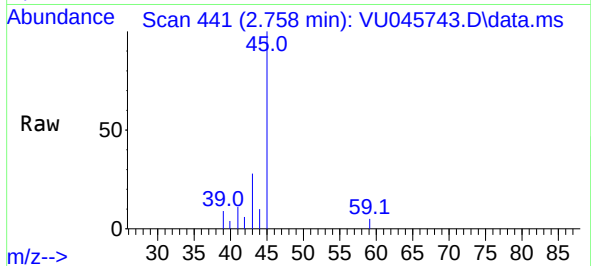




#18
Methyl Acetate
Concen: 0.699 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.190 min
Lab File: VU045743.D
Acq: 11 Nov 2021 16:59

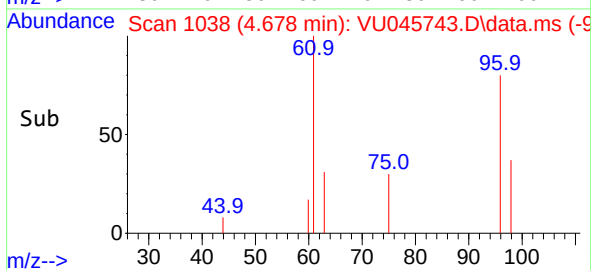
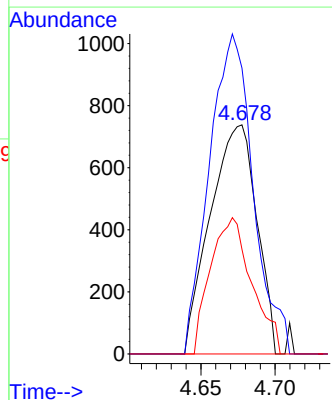
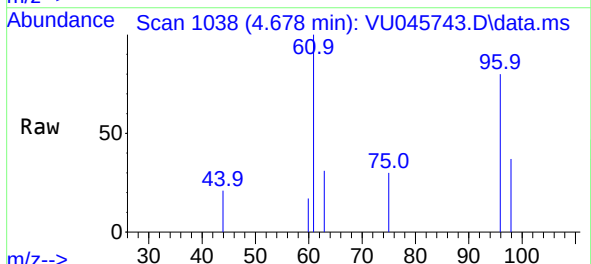
Instrument :
MSVOA_U
ClientSampleId :
MH-118.5T-20211109

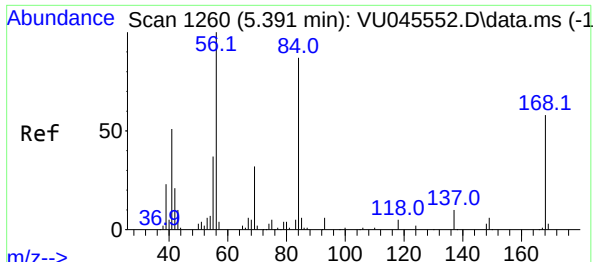
Tgt Ion: 43 Resp: 2111
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#27
cis-1,2-Dichloroethene
Concen: 1.029 ug/l
RT: 4.678 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VU045743.D
Acq: 11 Nov 2021 16:59

Tgt Ion: 96 Resp: 1609
Ion Ratio Lower Upper
96 100
61 132.0 0.0 299.2
98 53.1 0.0 127.6





#31

Cyclohexane

Concen: 0.971 ug/l

RT: 5.379 min Scan# 11

Delta R.T. -0.013 min

Lab File: VU045743.D

Acq: 11 Nov 2021 16:59

Instrument :

MSVOA_U

ClientSampleId :

MH-118.5T-20211109

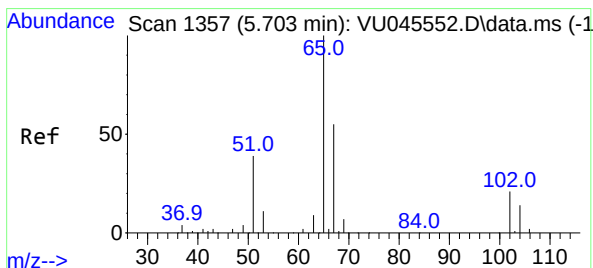
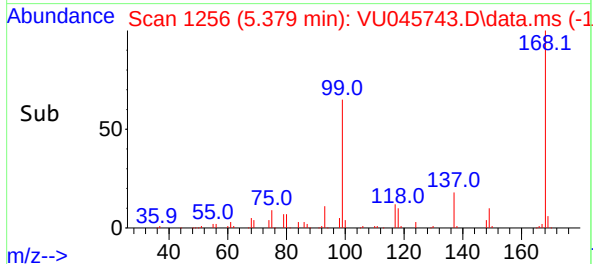
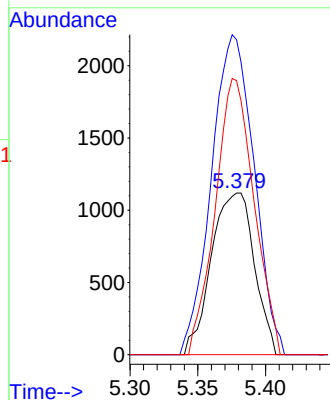
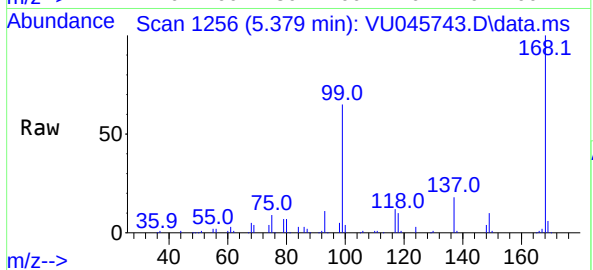
Tgt Ion: 56 Resp: 2467

Ion Ratio Lower Upper

56 100

69 194.9 26.4 39.6#

84 169.5 68.4 102.6#



#33

1,2-Dichloroethane-d4

Concen: 54.932 ug/l

RT: 5.707 min Scan# 1358

Delta R.T. 0.003 min

Lab File: VU045743.D

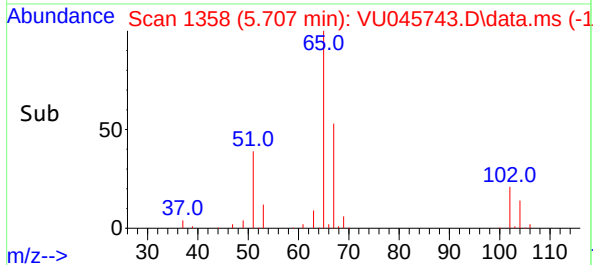
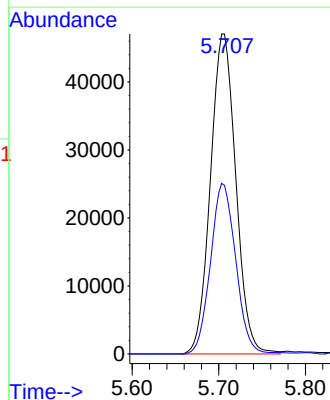
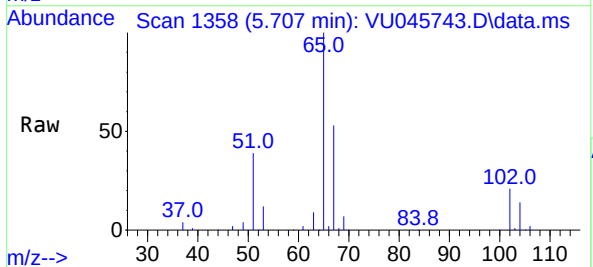
Acq: 11 Nov 2021 16:59

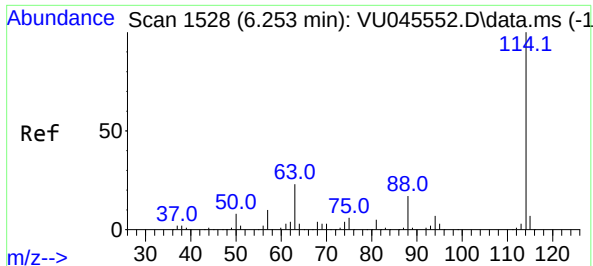
Tgt Ion: 65 Resp: 95677

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.8

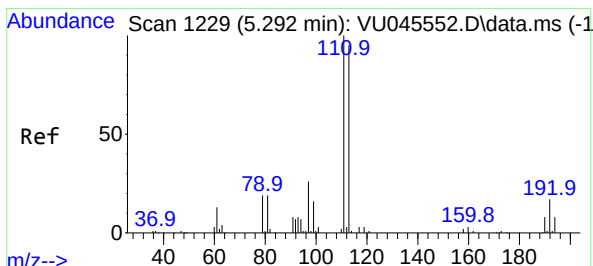
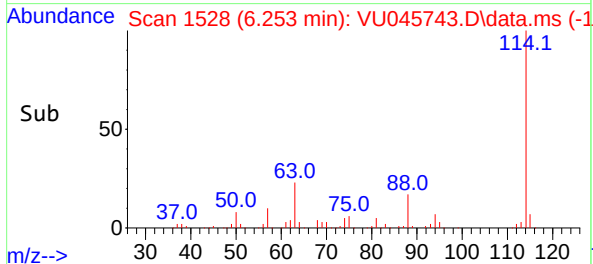
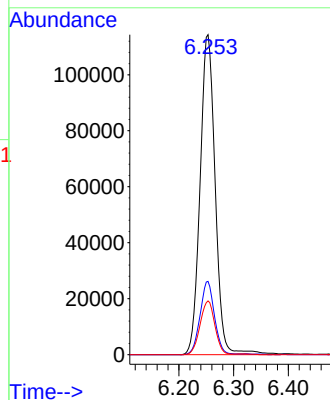
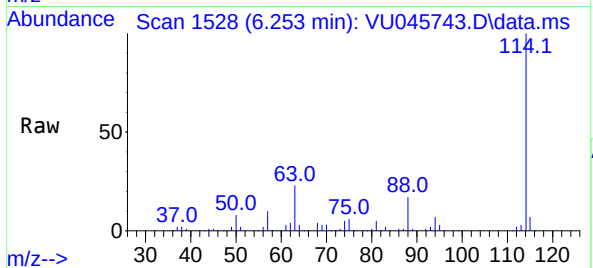




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045743.D
Acq: 11 Nov 2021 16:59

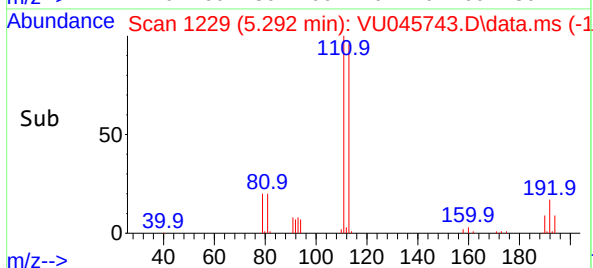
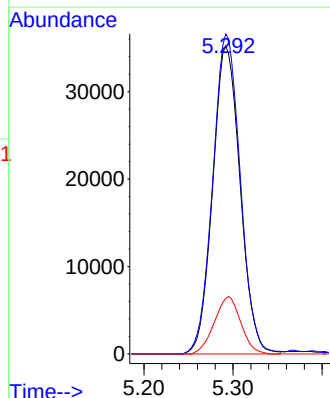
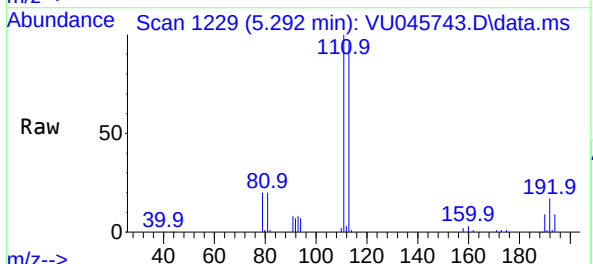
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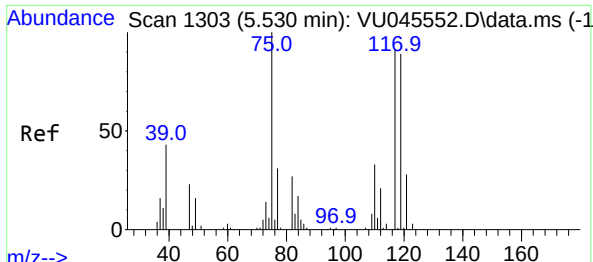
Tgt Ion:114 Resp: 219593
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.6
88 16.8 0.0 33.8



#35
Dibromofluoromethane
Concen: 51.294 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU045743.D
Acq: 11 Nov 2021 16:59

Tgt Ion:113 Resp: 75203
Ion Ratio Lower Upper
113 100
111 104.3 82.8 124.2
192 18.0 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.778 ug/l

RT: 5.375 min Scan# 1

Delta R.T. -0.154 min

Lab File: VU045743.D

Acq: 11 Nov 2021 16:59

Instrument :

MSVOA_U

ClientSampleId :

MH-118.5T-20211109

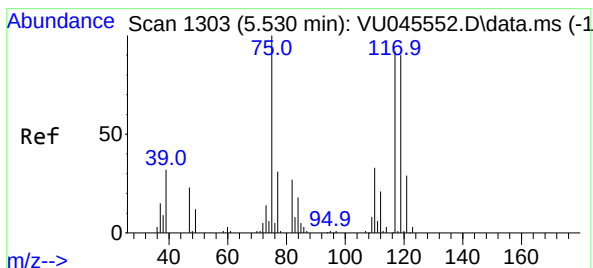
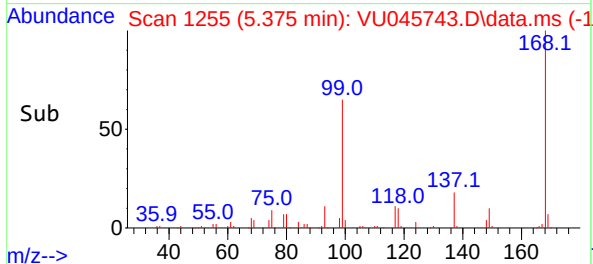
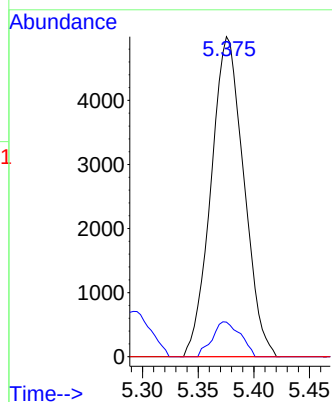
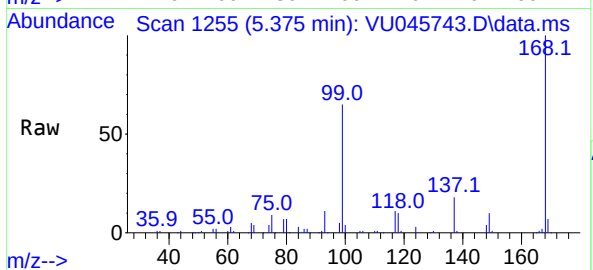
Tgt Ion: 75 Resp: 10230

Ion Ratio Lower Upper

75 100

110 9.3 16.7 50.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.935 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.151 min

Lab File: VU045743.D

Acq: 11 Nov 2021 16:59

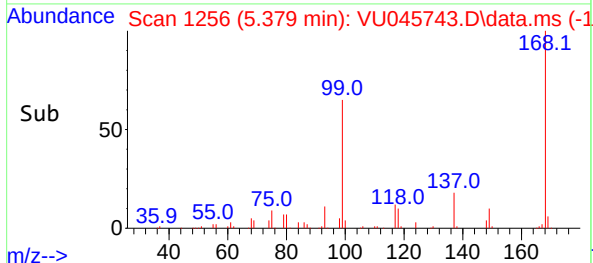
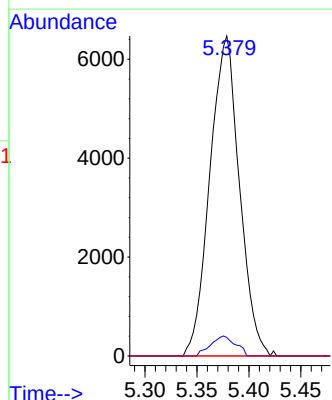
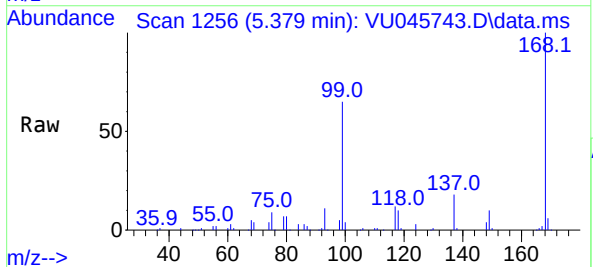
Tgt Ion: 117 Resp: 12812

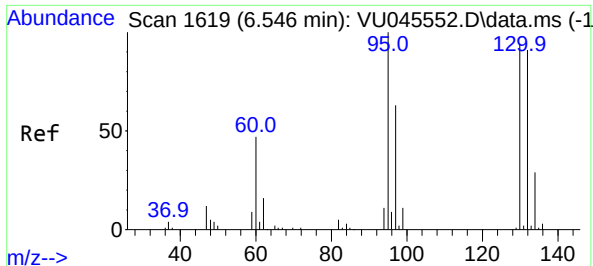
Ion Ratio Lower Upper

117 100

119 5.8 77.4 116.0#

121 0.0 24.8 37.2#

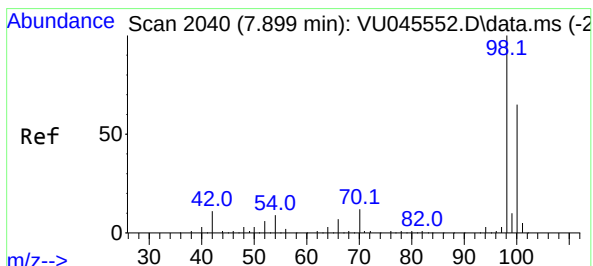
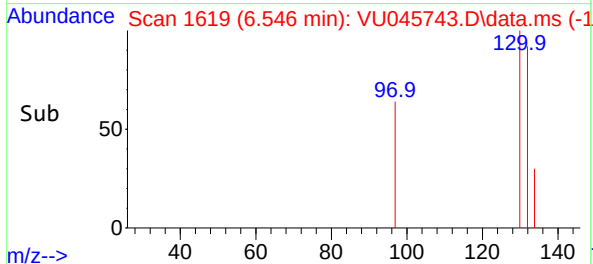
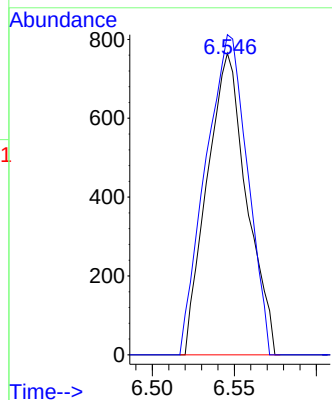
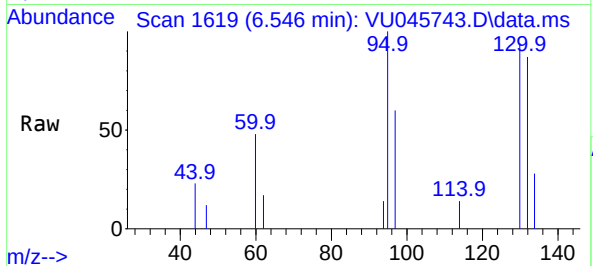




#44
Trichloroethene
Concen: 0.843 ug/l
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045743.D
Acq: 11 Nov 2021 16:59

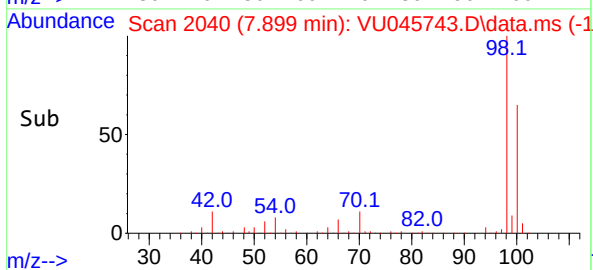
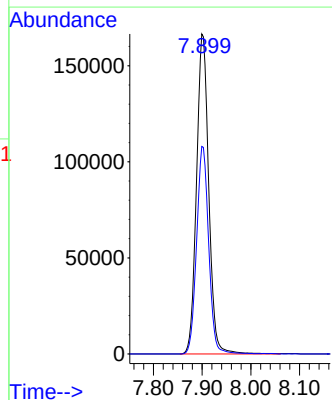
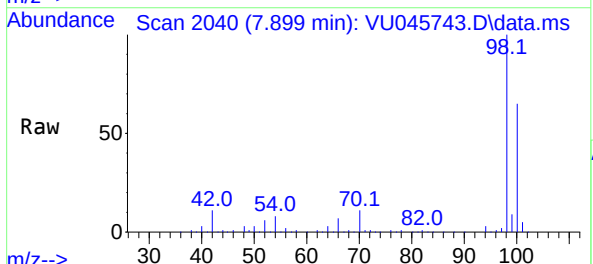
Instrument :
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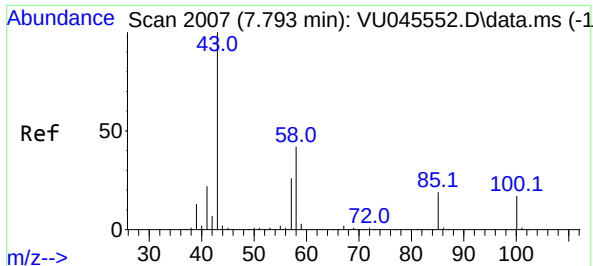
Tgt Ion:130 Resp: 1279
Ion Ratio Lower Upper
130 100
95 106.1 0.0 211.4



#50
Toluene-d8
Concen: 53.165 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045743.D
Acq: 11 Nov 2021 16:59

Tgt Ion: 98 Resp: 289838
Ion Ratio Lower Upper
98 100
100 64.3 52.5 78.7

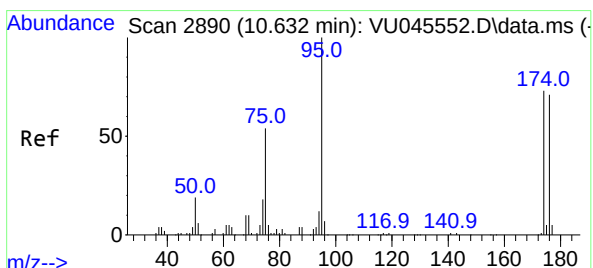
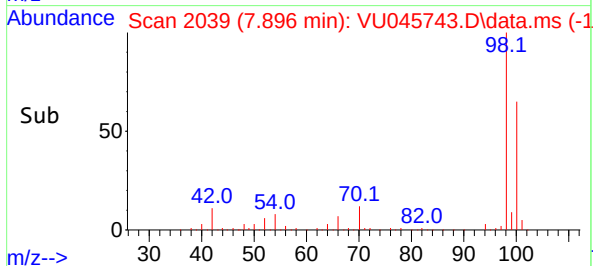
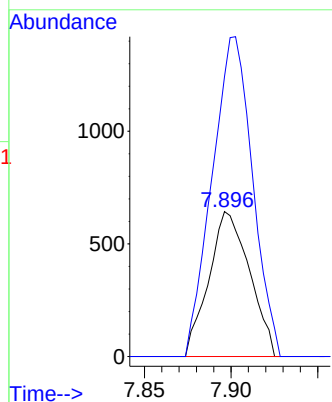
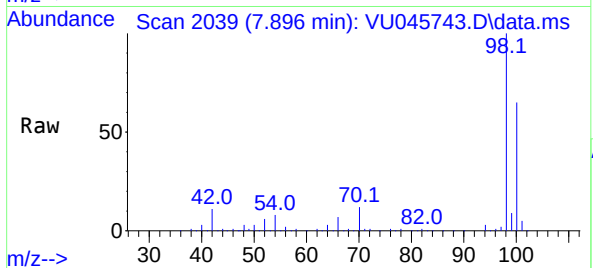




#51
4-Methyl-2-Pentanone
Concen: 0.424 ug/l
RT: 7.896 min Scan# 2007
Delta R.T. 0.103 min
Lab File: VU045743.D
Acq: 11 Nov 2021 16:59

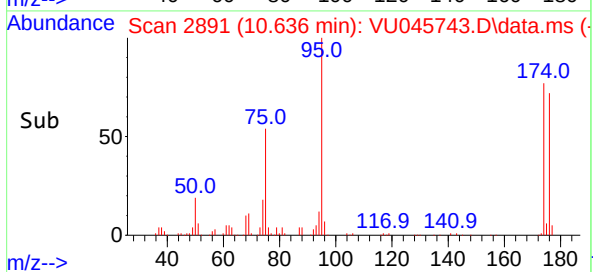
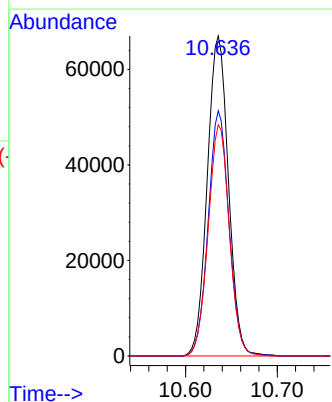
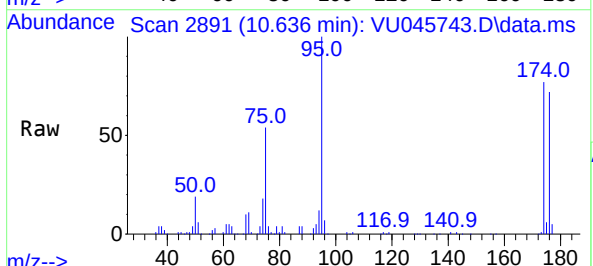
Instrument :
MSVOA_U
ClientSampleId :
MH-118.5T-20211109

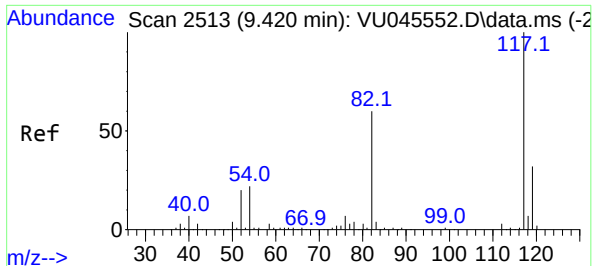
Tgt Ion: 43 Resp: 1051
Ion Ratio Lower Upper
43 100
58 219.4 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 49.122 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045743.D
Acq: 11 Nov 2021 16:59

Tgt Ion: 95 Resp: 107385
Ion Ratio Lower Upper
95 100
174 75.7 0.0 141.8
176 72.0 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: VU045743.D

Acq: 11 Nov 2021 16:59

Instrument :

MSVOA_U

ClientSampleId :

MH-118.5T-20211109

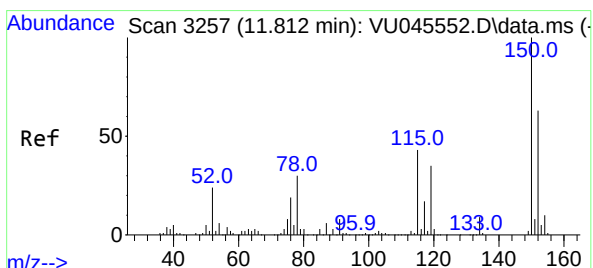
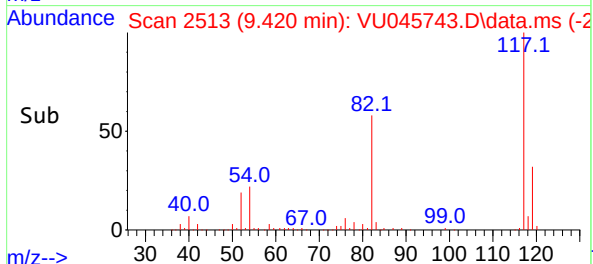
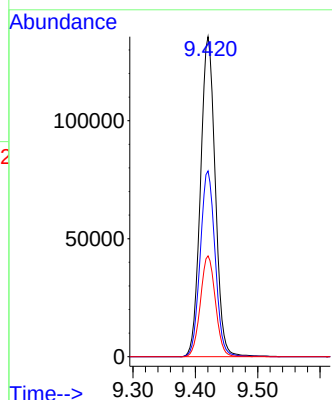
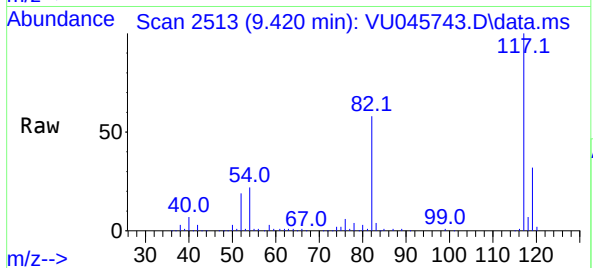
Tgt Ion:117 Resp: 223504

Ion Ratio Lower Upper

117 100

82 58.1 47.8 71.8

119 31.5 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.816 min Scan# 3258

Delta R.T. 0.003 min

Lab File: VU045743.D

Acq: 11 Nov 2021 16:59

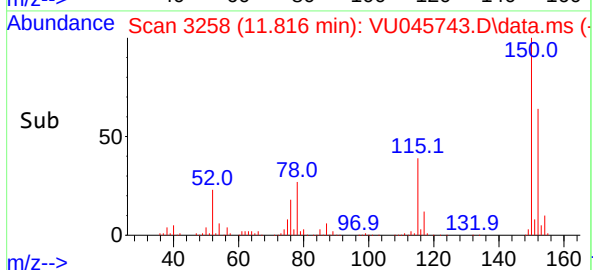
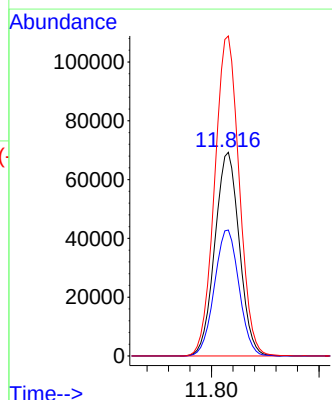
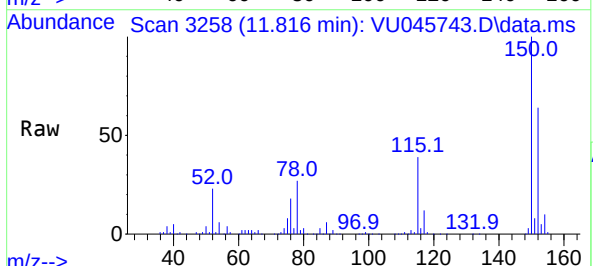
Tgt Ion:152 Resp: 109480

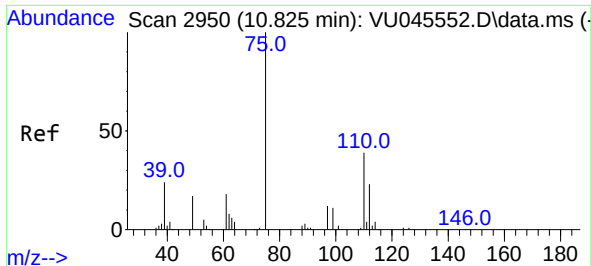
Ion Ratio Lower Upper

152 100

115 62.3 42.7 128.1

150 157.6 0.0 346.8

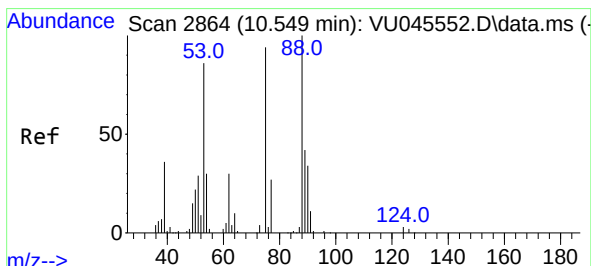
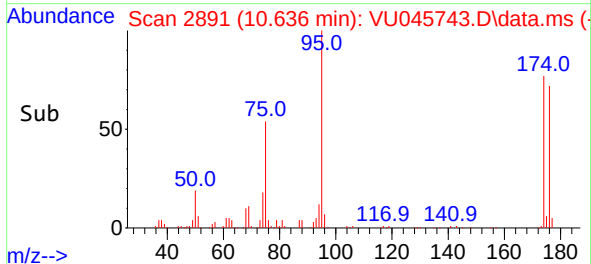
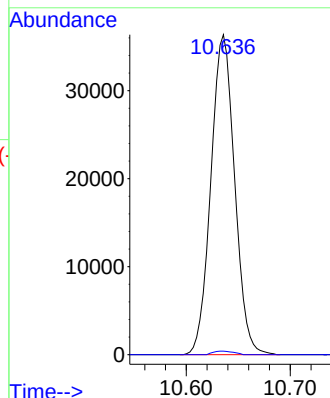
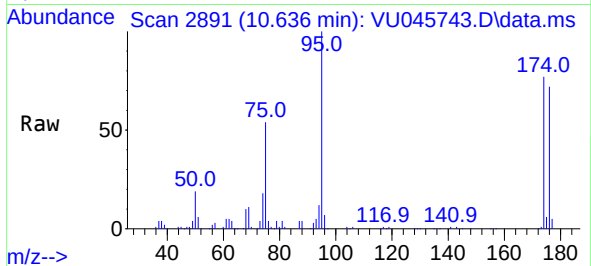




#76
1,2,3-Trichloropropane
Concen: 17.391 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045743.D
Acq: 11 Nov 2021 16:59

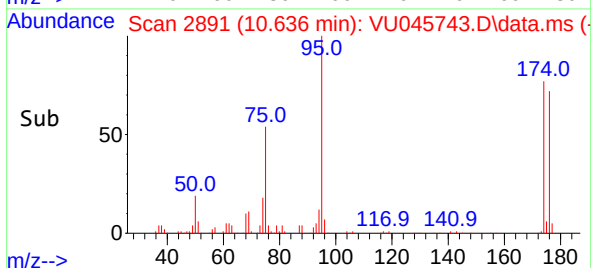
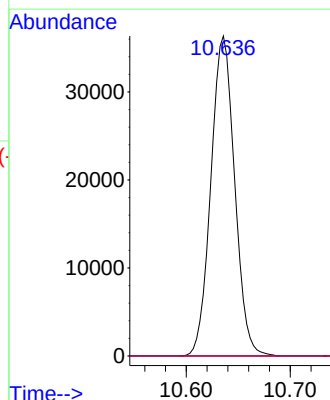
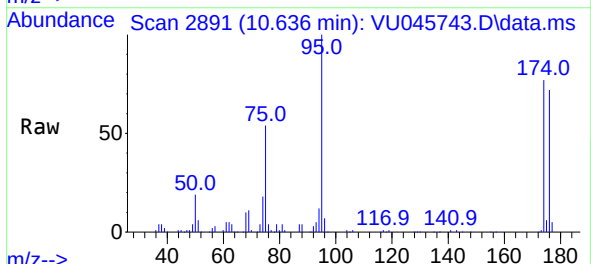
Instrument :
MSVOA_U
ClientSampleId :
MH-118.5T-20211109

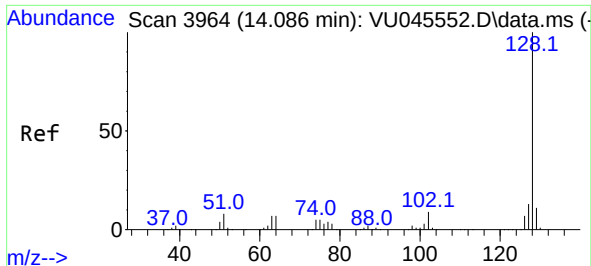
Tgt Ion: 75 Resp: 57739
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.554 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045743.D
Acq: 11 Nov 2021 16:59

Tgt Ion: 75 Resp: 57739
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.048 ug/l

RT: 14.102 min Scan# 3969

Delta R.T. 0.016 min

Lab File: VU045743.D

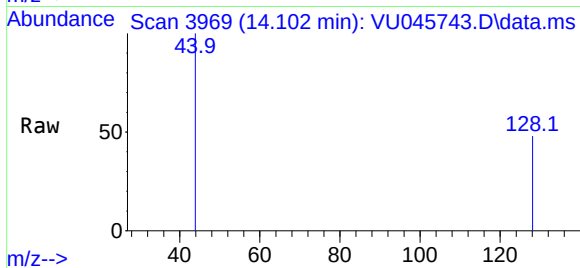
Acq: 11 Nov 2021 16:59

Instrument :

MSVOA_U

ClientSampleId :

MH-118.5T-20211109



Tgt Ion:128 Resp: 171

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

