

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045771.D
 Acq On : 12 Nov 2021 15:57
 Operator : SY/MD
 Sample : M4668-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 05:20:54 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)

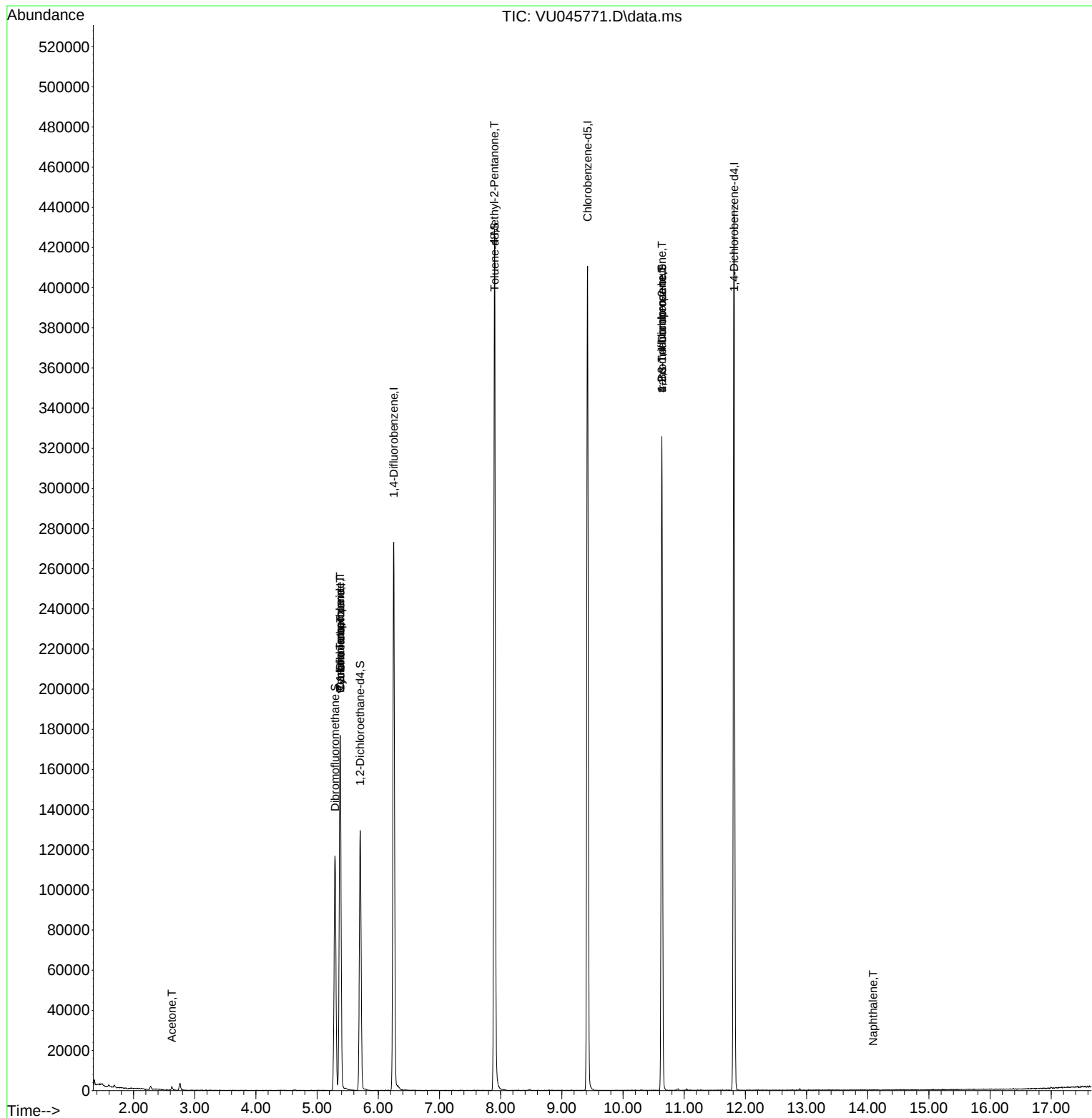
Internal Standards						
1) Pentafluorobenzene	5.379	168	115691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	214224	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	223846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	111298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	96070	55.448	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.900%			
35) Dibromofluoromethane	5.292	113	75280	52.634	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.260%			
50) Toluene-d8	7.899	98	285369	53.657	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.320%			
62) 4-Bromofluorobenzene	10.636	95	108559	50.903	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.800%			
Target Compounds					Qvalue	
16) Acetone	2.623	43	1874	2.125	ug/l	99
31) Cyclohexane	5.379	56	2577	1.019	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	10381	4.970	ug/l #	50
38) Carbon Tetrachloride	5.375	117	12368	5.873	ug/l #	16
51) 4-Methyl-2-Pentanone	7.896	43	1177	0.486	ug/l #	1
76) 1,2,3-Trichloropropane	10.636	75	57385	17.002	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	57385	55.356	ug/l #	12
95) Naphthalene	14.089	128	144	1.044	ug/l #	69

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

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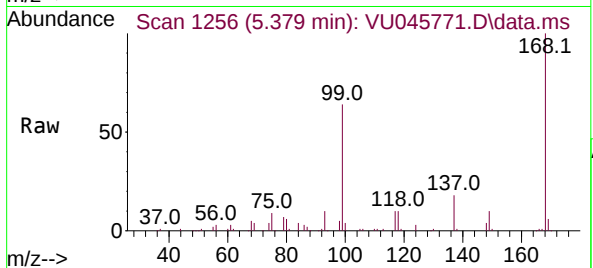
Quant Time: Nov 15 05:20:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
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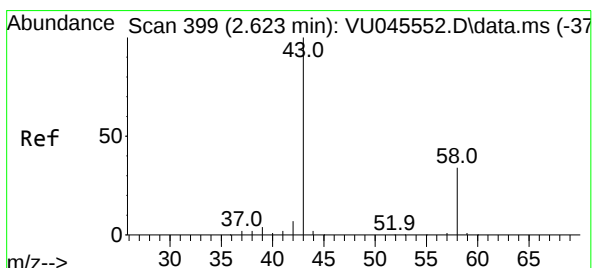
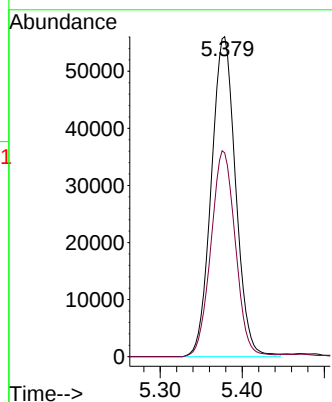
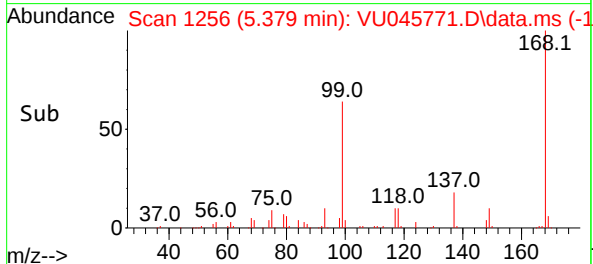


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045771.D
Acq: 12 Nov 2021 15:57

Instrument :
MSVOA_U
ClientSampleId :

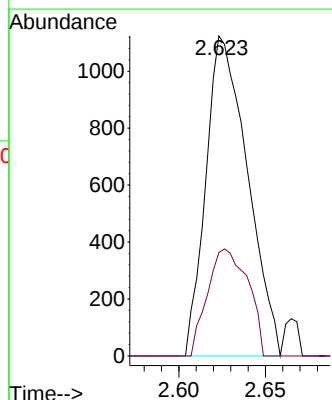
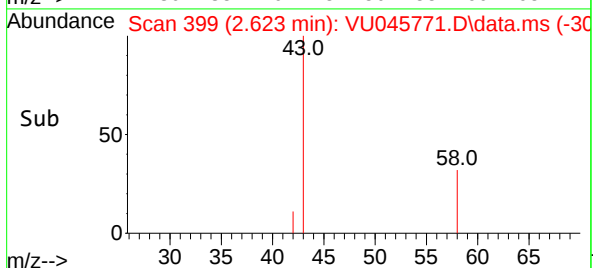
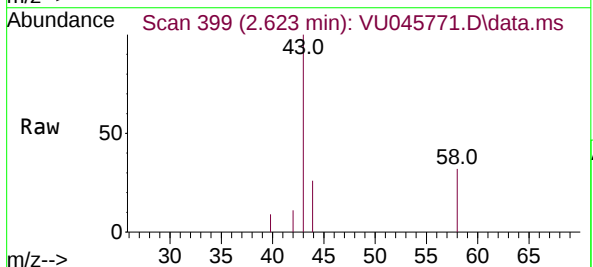


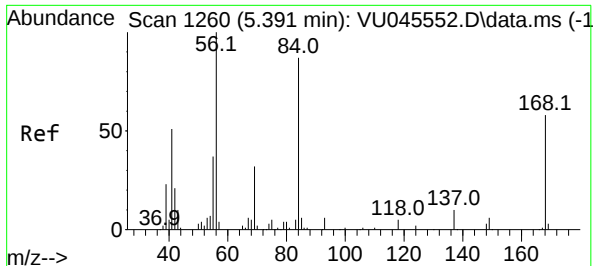
Tgt Ion:168 Resp: 115691
Ion Ratio Lower Upper
168 100
99 63.7 51.0 76.6



#16
Acetone
Concen: 2.125 ug/l
RT: 2.623 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU045771.D
Acq: 12 Nov 2021 15:57

Tgt Ion: 43 Resp: 1874
Ion Ratio Lower Upper
43 100
58 32.3 26.2 39.2





#31

Cyclohexane

Concen: 1.019 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.013 min

Lab File: VU045771.D

Acq: 12 Nov 2021 15:57

Instrument :

MSVOA_U

ClientSampleId :

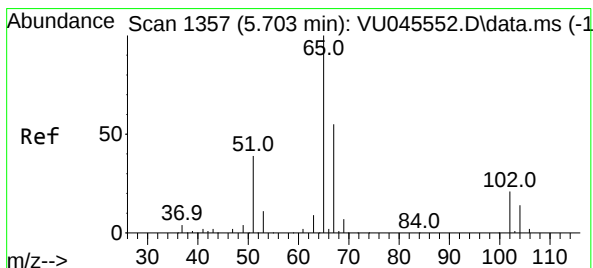
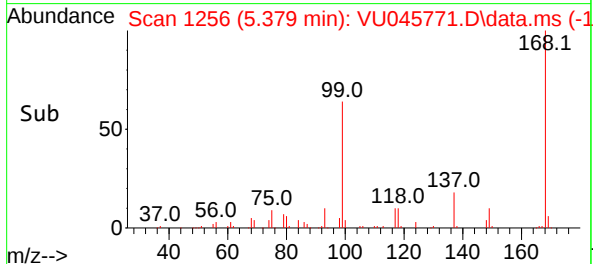
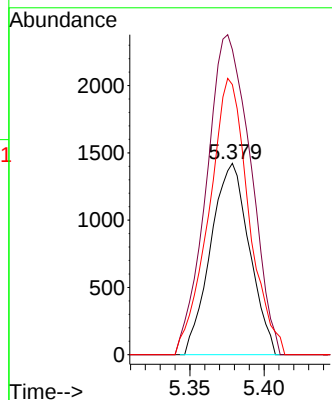
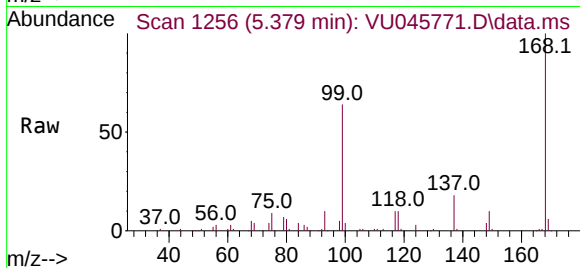
Tgt Ion: 56 Resp: 2577

Ion Ratio Lower Upper

56 100

69 159.5 26.4 39.6#

84 132.6 68.4 102.6#



#33

1,2-Dichloroethane-d4

Concen: 55.448 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VU045771.D

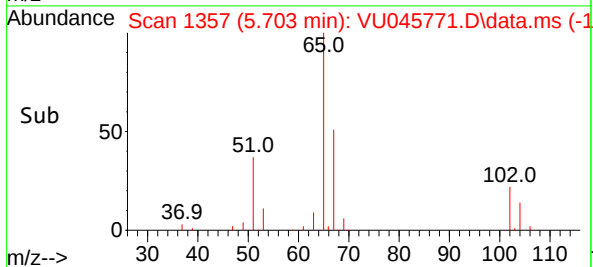
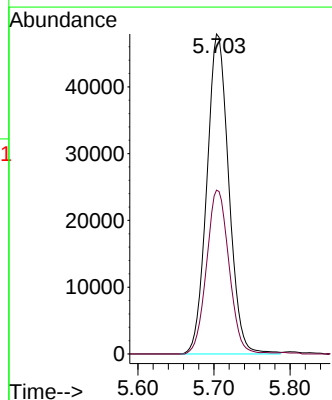
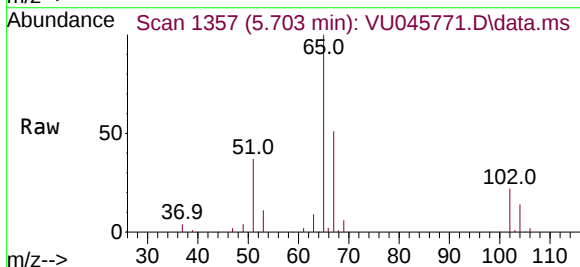
Acq: 12 Nov 2021 15:57

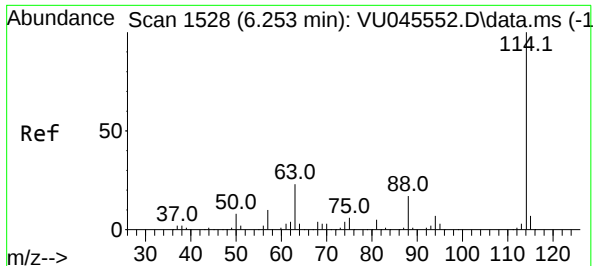
Tgt Ion: 65 Resp: 96070

Ion Ratio Lower Upper

65 100

67 52.5 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: VU045771.D

Acq: 12 Nov 2021 15:57

Instrument :

MSVOA_U

ClientSampleId :

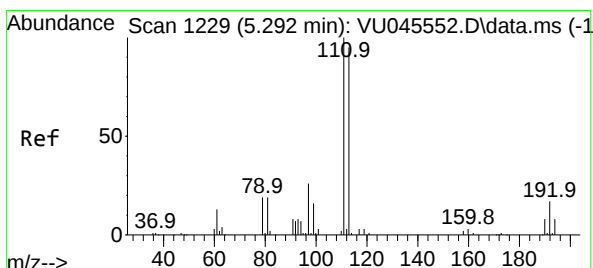
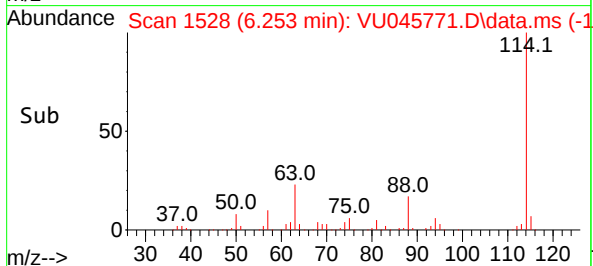
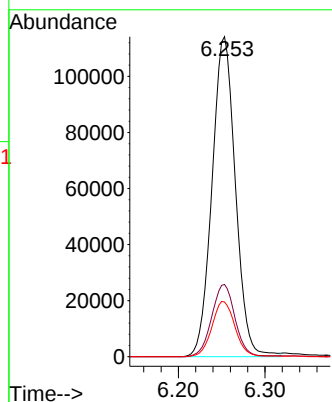
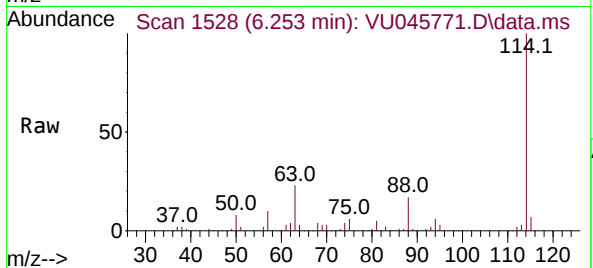
Tgt Ion:114 Resp: 214224

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

88 17.1 0.0 33.8



#35

Dibromofluoromethane

Concen: 52.634 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045771.D

Acq: 12 Nov 2021 15:57

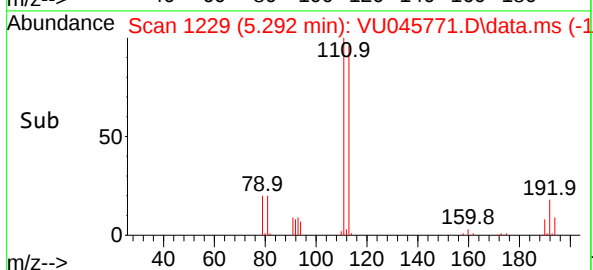
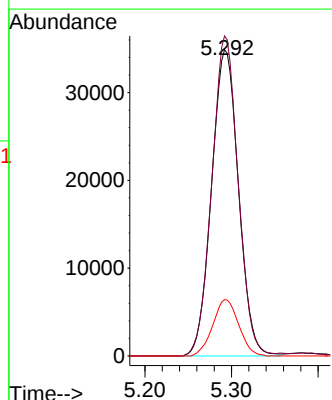
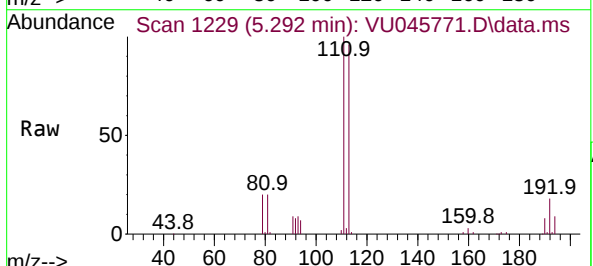
Tgt Ion:113 Resp: 75280

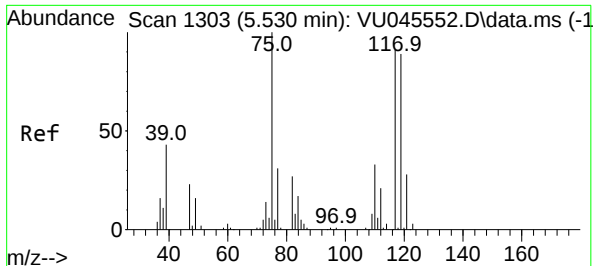
Ion Ratio Lower Upper

113 100

111 102.0 82.8 124.2

192 17.8 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.970 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

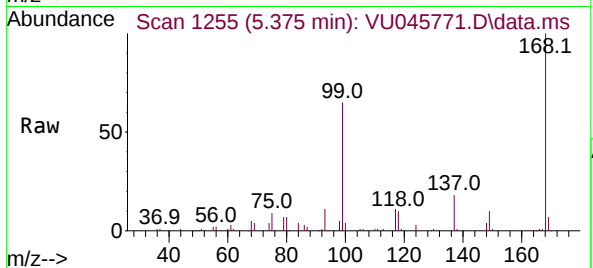
Lab File: VU045771.D

Acq: 12 Nov 2021 15:57

Instrument :

MSVOA_U

ClientSampleId :



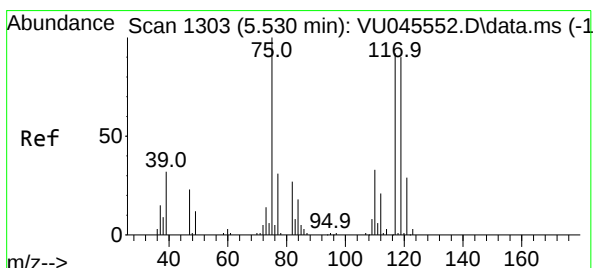
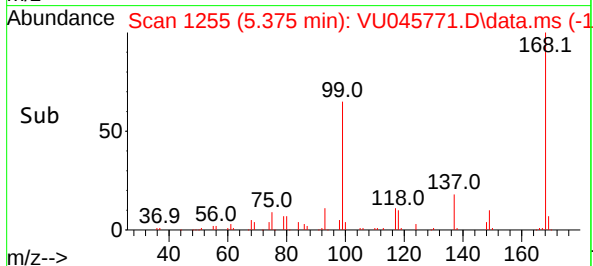
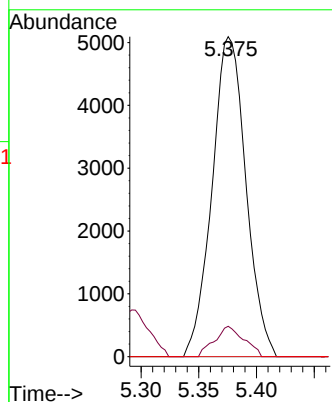
Tgt Ion: 75 Resp: 10381

Ion Ratio Lower Upper

75 100

110 8.2 16.7 50.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.873 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU045771.D

Acq: 12 Nov 2021 15:57

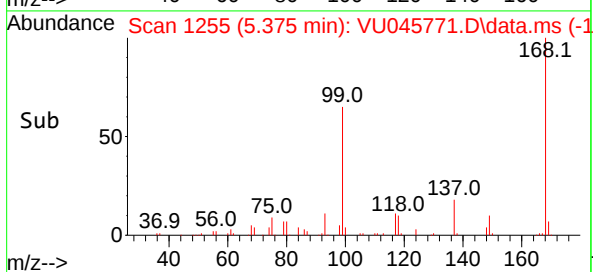
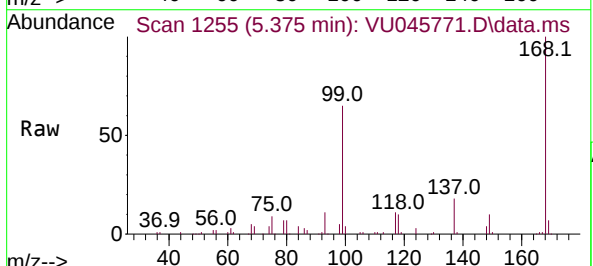
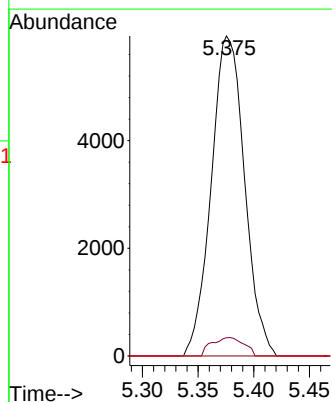
Tgt Ion: 117 Resp: 12368

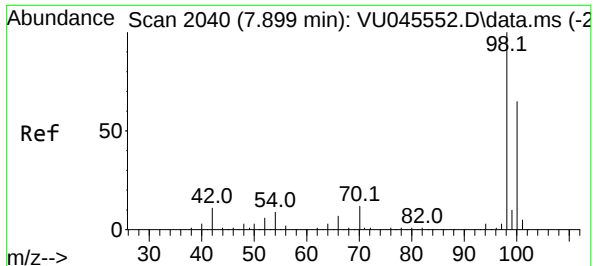
Ion Ratio Lower Upper

117 100

119 5.7 77.4 116.0#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 53.657 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU045771.D

Acq: 12 Nov 2021 15:57

Instrument :

MSVOA_U

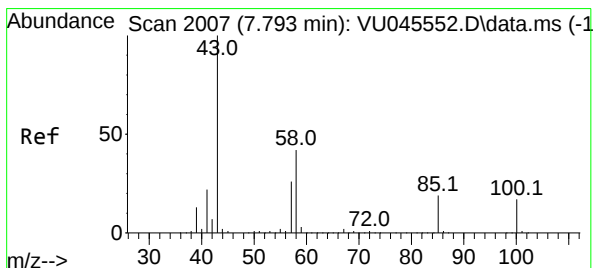
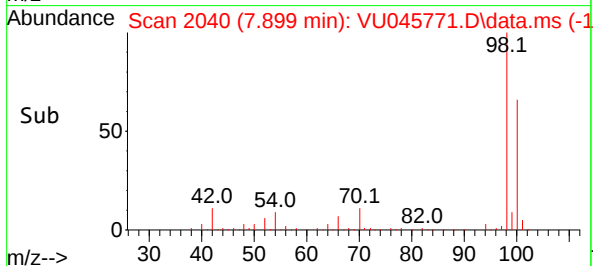
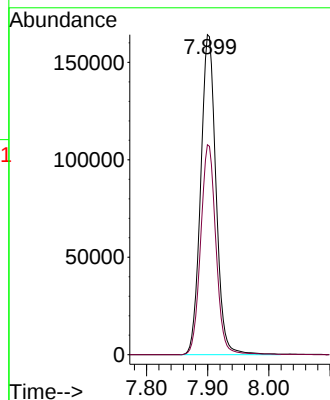
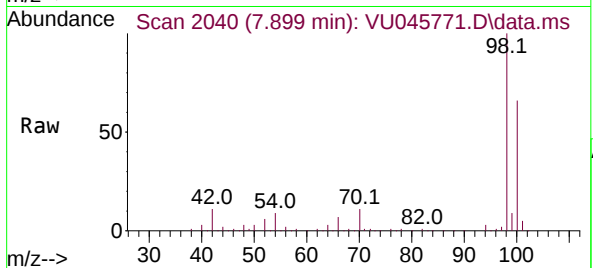
ClientSampleId :

Tgt Ion: 98 Resp: 285369

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.486 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.103 min

Lab File: VU045771.D

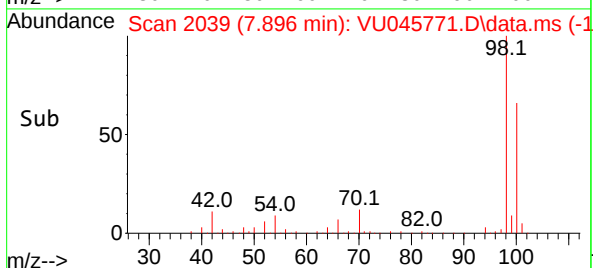
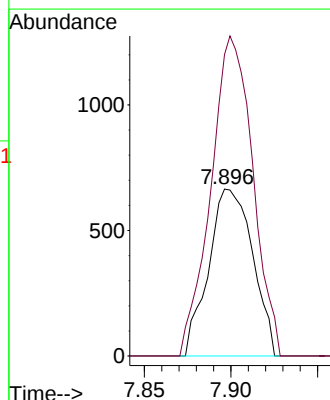
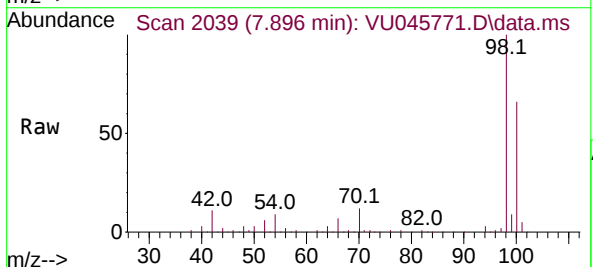
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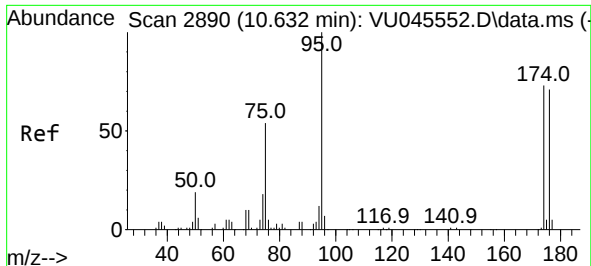
Tgt Ion: 43 Resp: 1177

Ion Ratio Lower Upper

43 100

58 182.4 33.8 50.8#





#62

4-Bromofluorobenzene

Concen: 50.903 ug/l

RT: 10.636 min Scan# 2890

Delta R.T. 0.003 min

Lab File: VU045771.D

Acq: 12 Nov 2021 15:57

Instrument :

MSVOA_U

ClientSampleId :

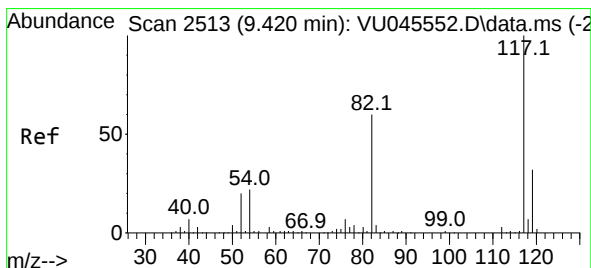
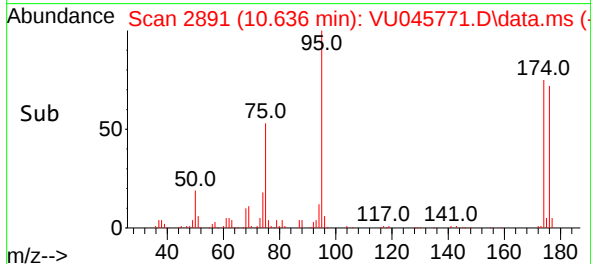
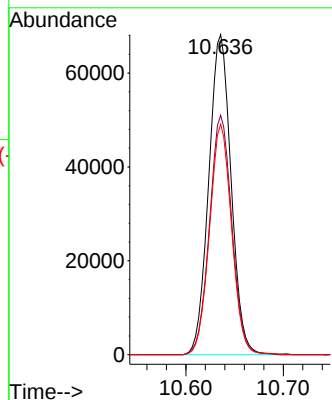
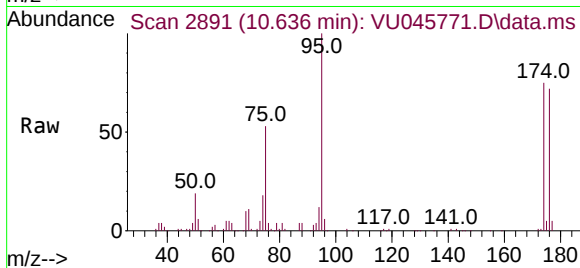
Tgt Ion: 95 Resp: 108559

Ion Ratio Lower Upper

95 100

174 74.9 0.0 141.8

176 71.0 0.0 138.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 2513

Delta R.T. 0.000 min

Lab File: VU045771.D

Acq: 12 Nov 2021 15:57

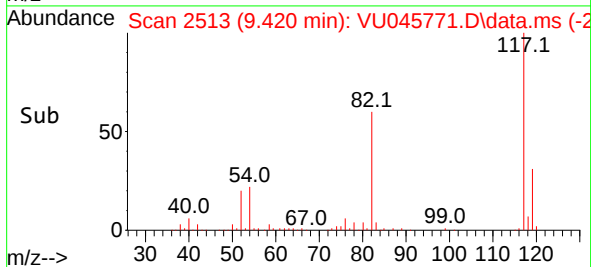
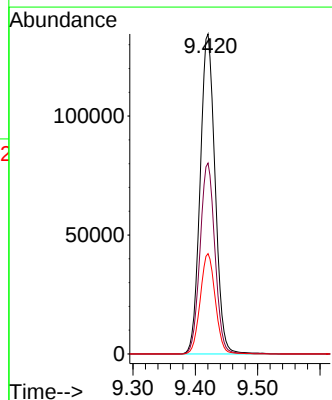
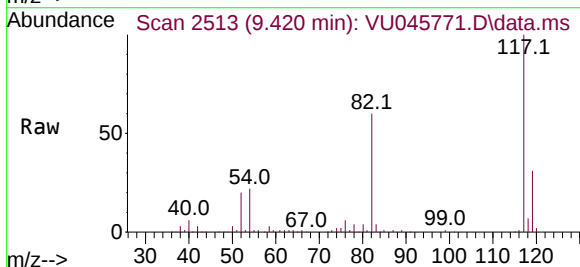
Tgt Ion: 117 Resp: 223846

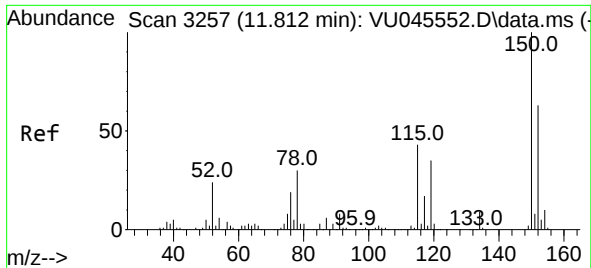
Ion Ratio Lower Upper

117 100

82 59.7 47.8 71.8

119 31.4 25.8 38.8

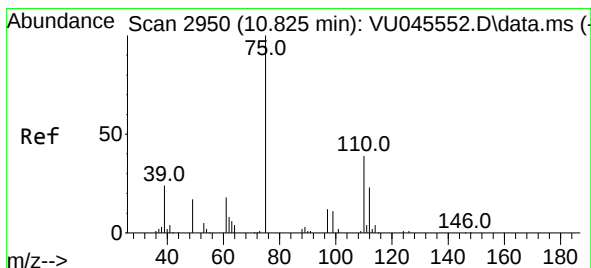
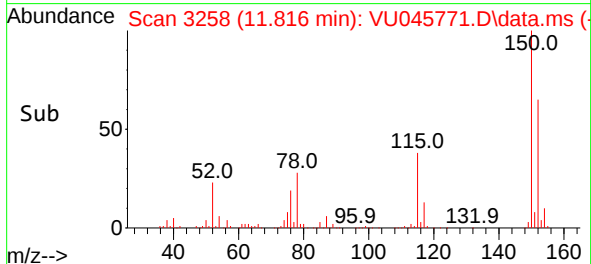
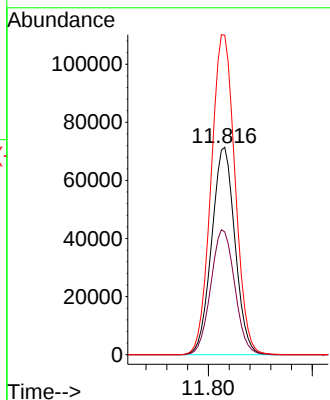
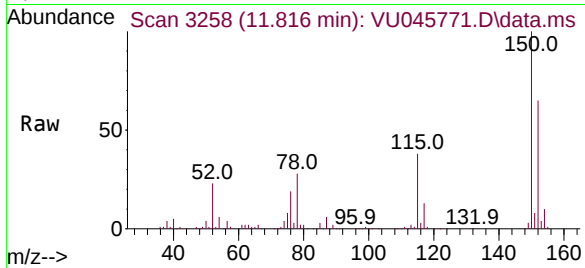




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU045771.D
 Acq: 12 Nov 2021 15:57

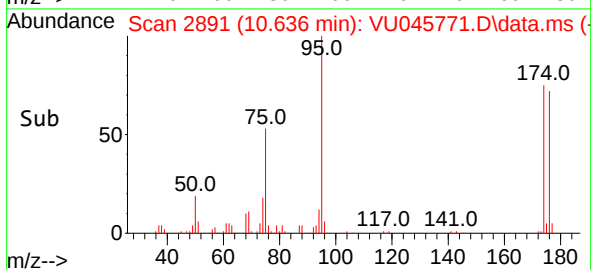
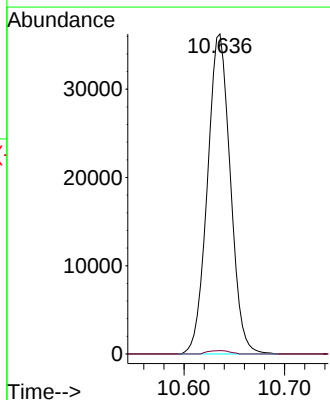
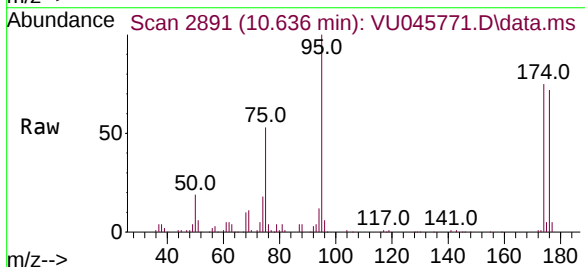
Instrument :
 MSVOA_U
 ClientSampleId :

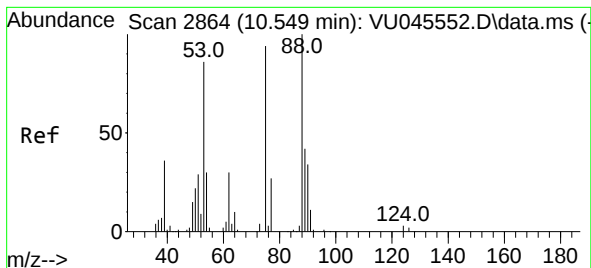
Tgt Ion:152 Resp: 111298
 Ion Ratio Lower Upper
 152 100
 115 61.8 42.7 128.1
 150 158.4 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 17.002 ug/l
 RT: 10.636 min Scan# 2891
 Delta R.T. -0.190 min
 Lab File: VU045771.D
 Acq: 12 Nov 2021 15:57

Tgt Ion: 75 Resp: 57385
 Ion Ratio Lower Upper
 75 100
 77 1.0 17.1 51.3#

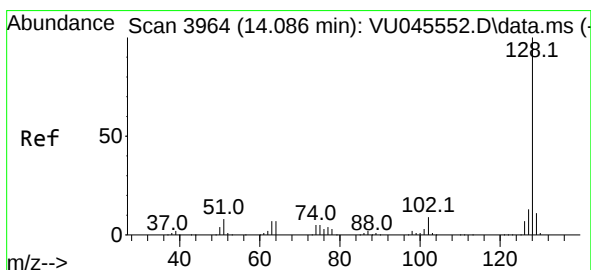
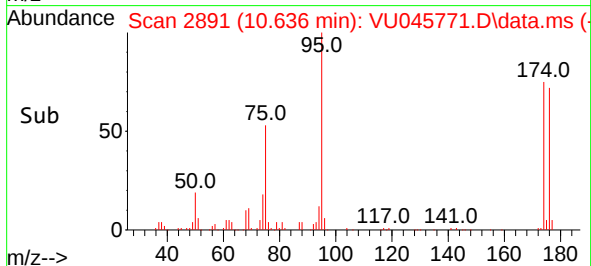
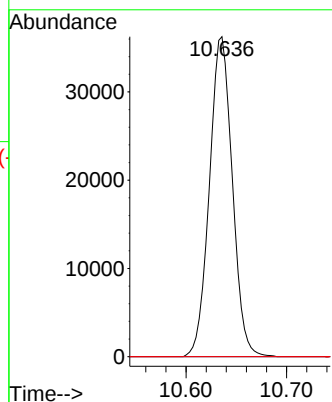
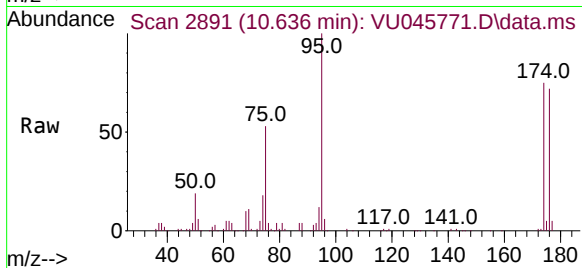




#81
trans-1,4-Dichloro-2-butene
Concen: 55.356 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU045771.D
Acq: 12 Nov 2021 15:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 57385
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.044 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045771.D
Acq: 12 Nov 2021 15:57

Tgt Ion: 128 Resp: 144
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

