

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 :
 BP-VPB-RW9-GW-723-725

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)

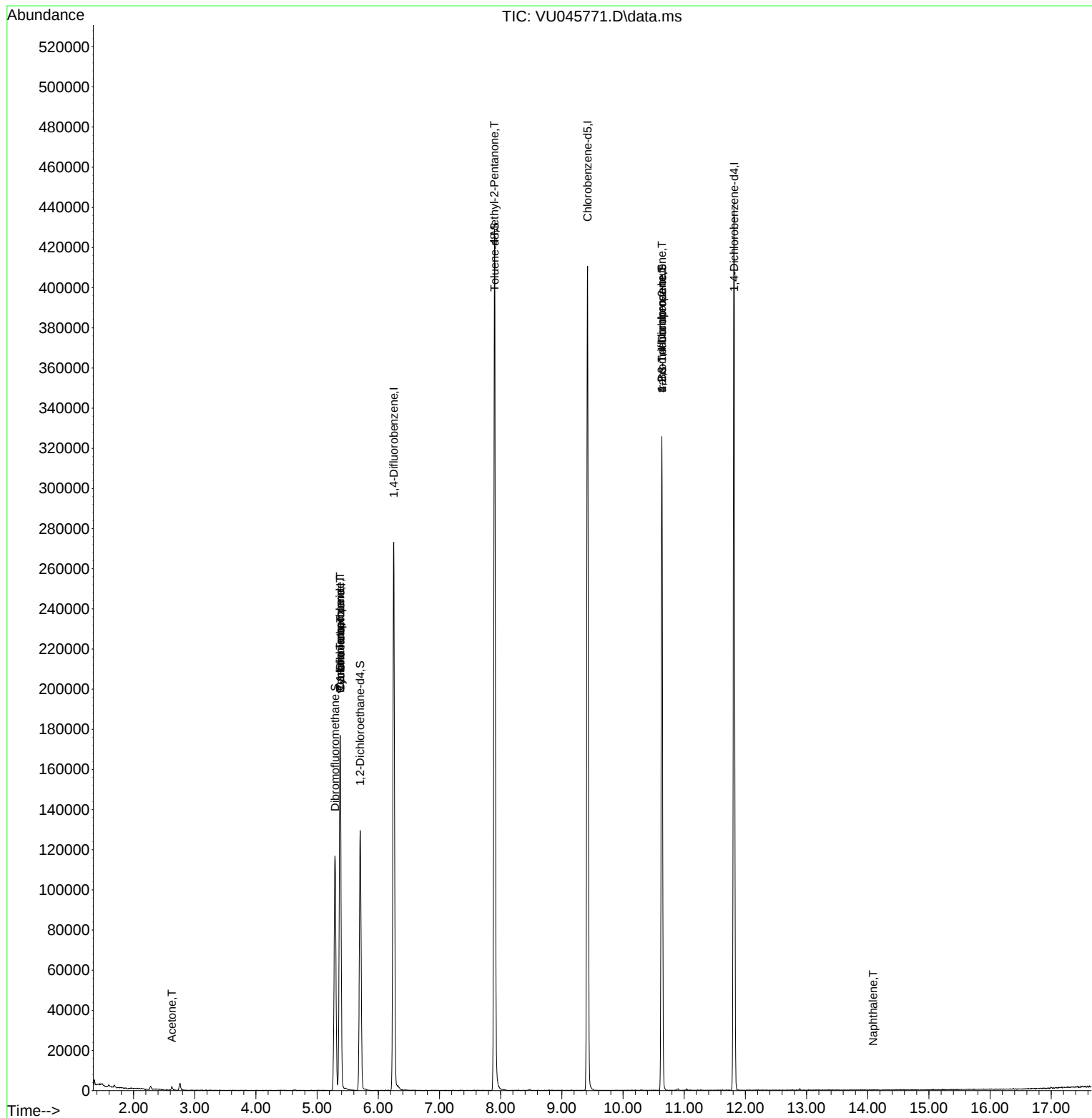
Internal Standards						
1) Pentafluorobenzene	5.379	168	115691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	214224	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	223846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	111298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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

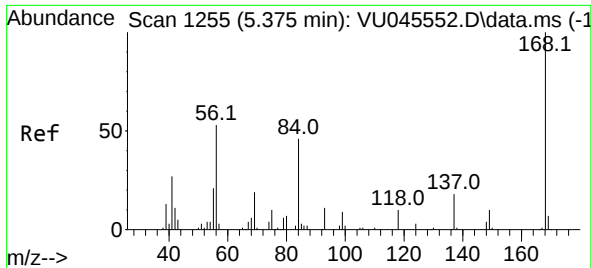
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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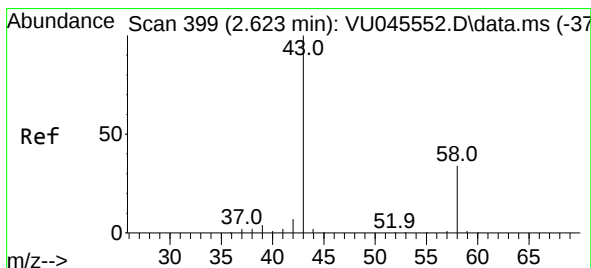
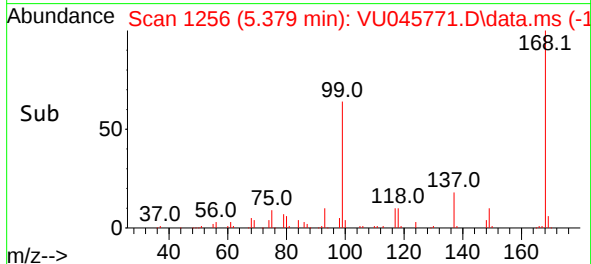
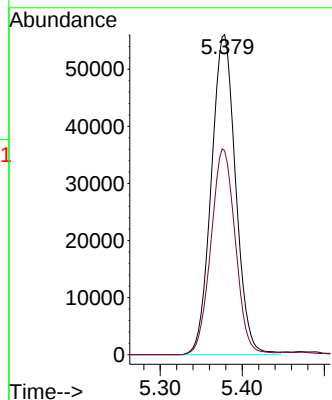
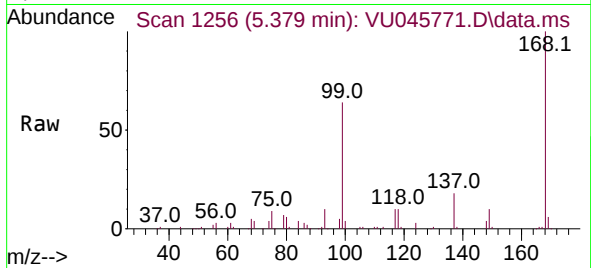




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045771.D
Acq: 12 Nov 2021 15:57

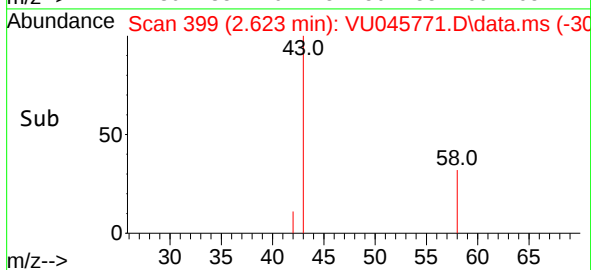
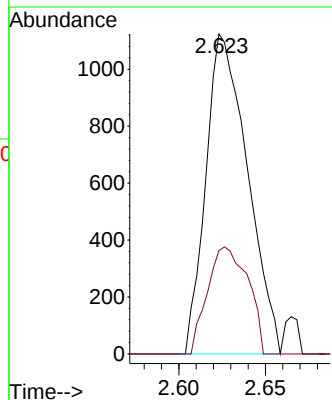
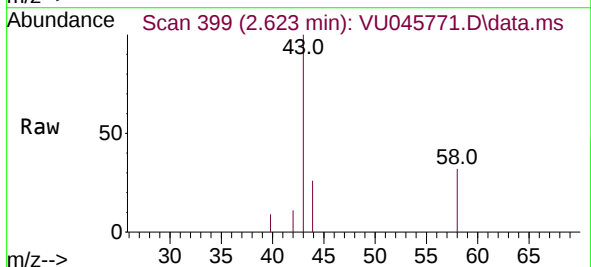
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-723-725

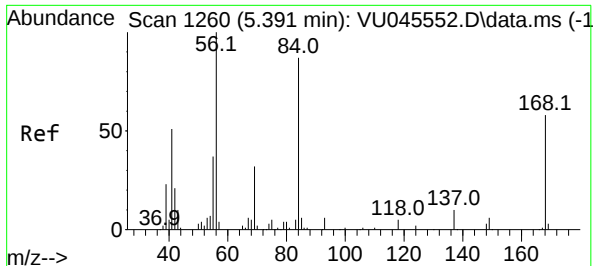
Tgt Ion:168 Resp: 115691
Ion Ratio Lower Upper
168 100
99 63.7 51.0 76.6



#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 :

BP-VPB-RW9-GW-723-725

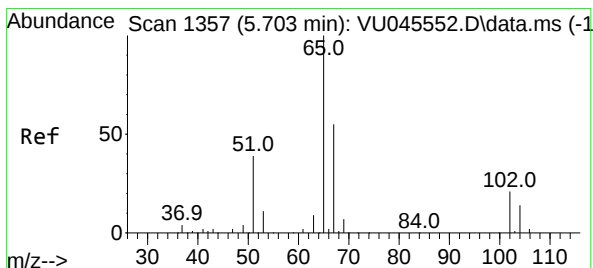
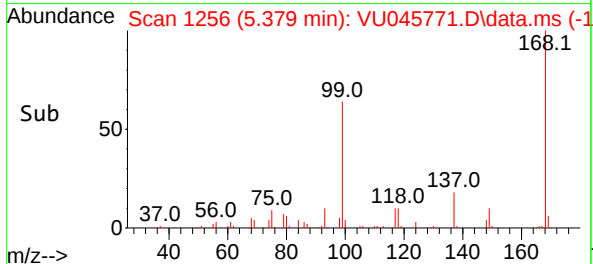
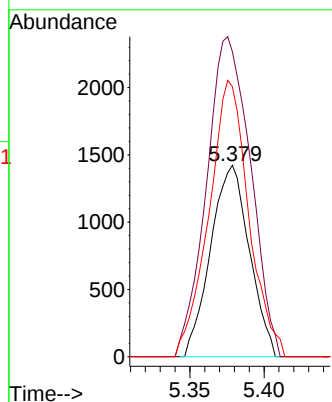
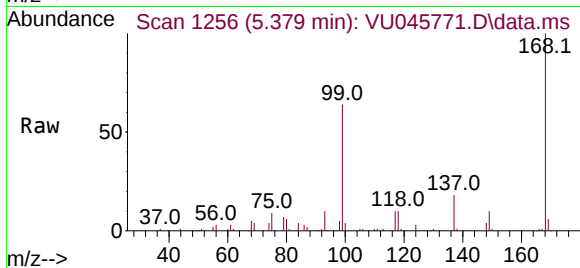
Tgt Ion: 56 Resp: 2577

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

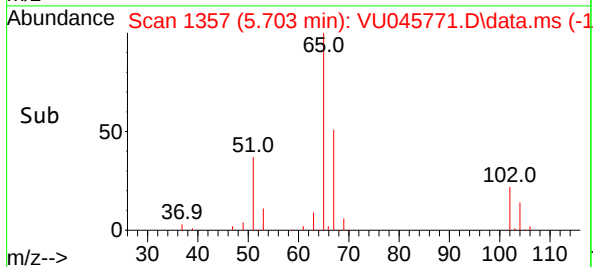
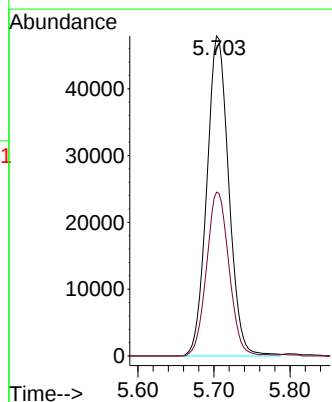
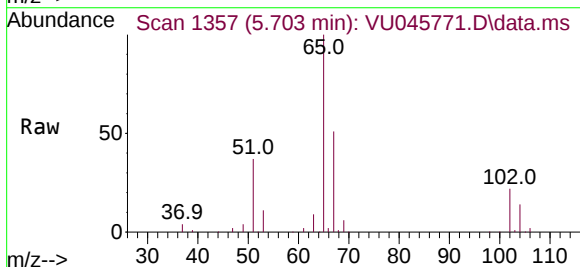
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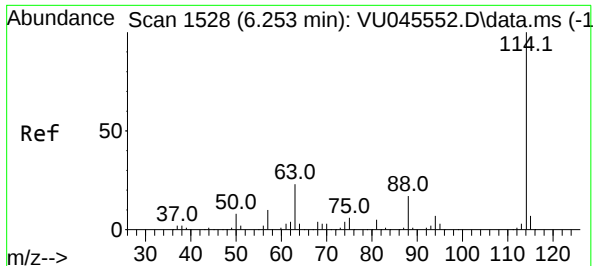
Tgt Ion: 65 Resp: 96070

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# 1

Delta R.T. 0.000 min

Lab File: VU045771.D

Acq: 12 Nov 2021 15:57

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-723-725

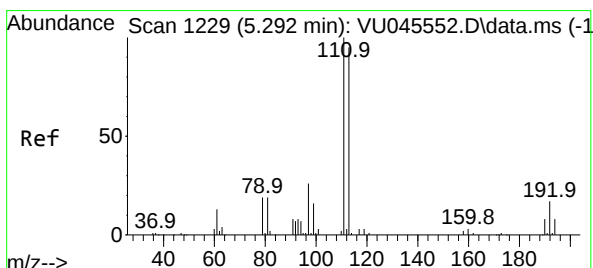
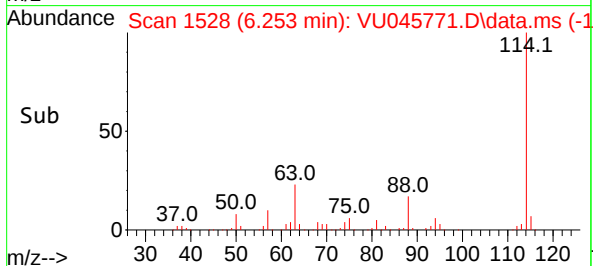
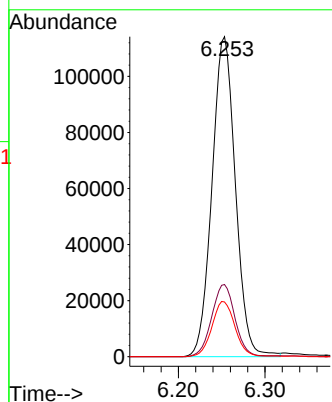
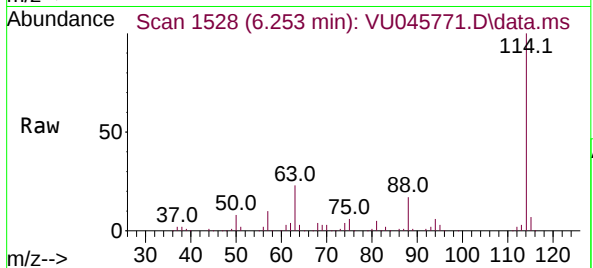
Tgt Ion:114 Resp: 214224

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

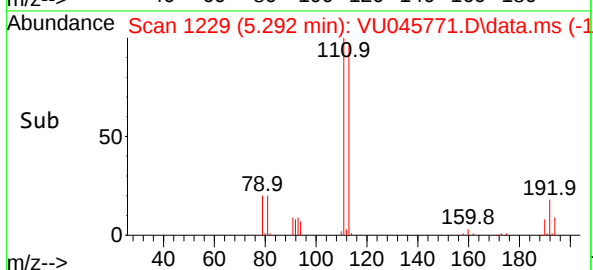
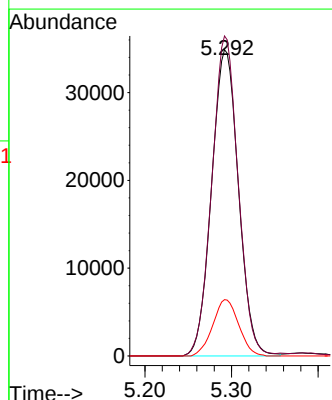
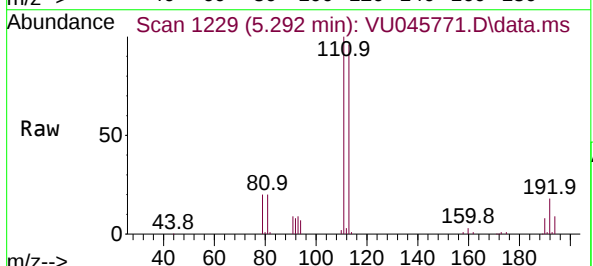
Tgt Ion:113 Resp: 75280

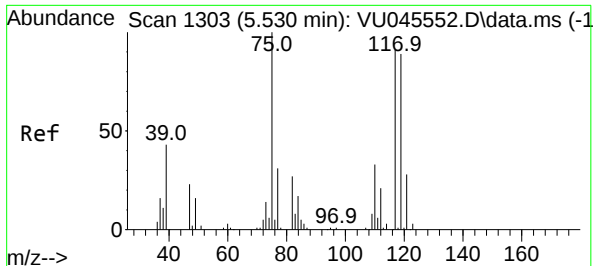
Ion Ratio Lower Upper

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

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ClientSampleId :

BP-VPB-RW9-GW-723-725

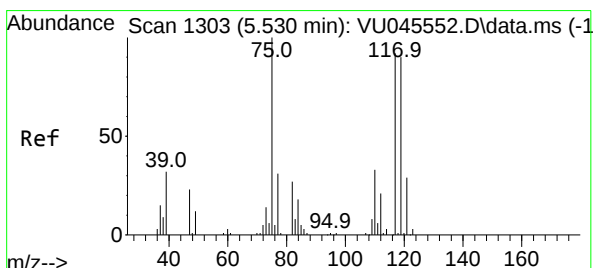
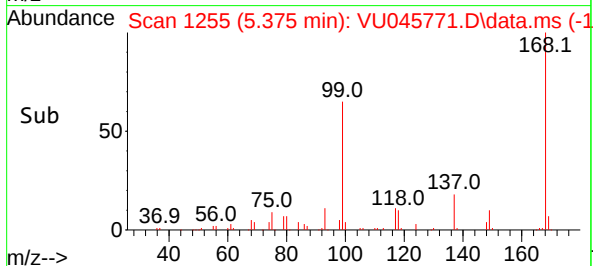
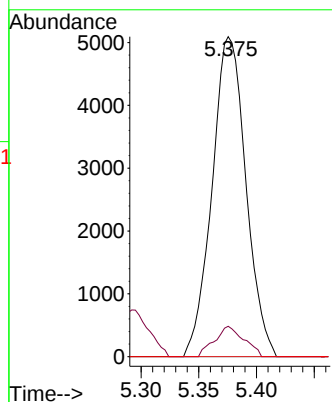
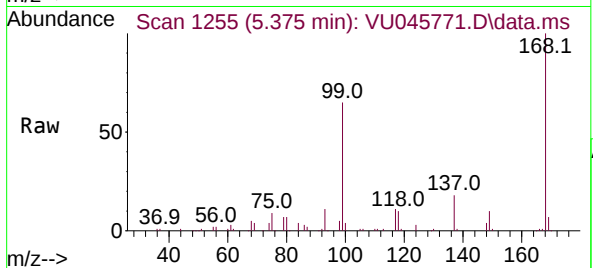
Tgt Ion: 75 Resp: 10381

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

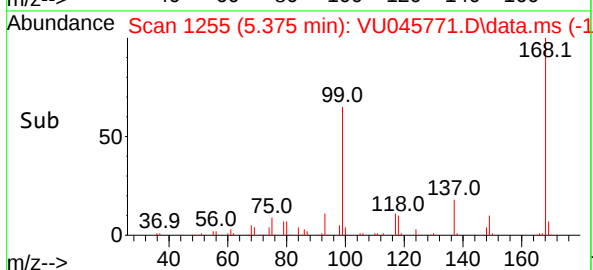
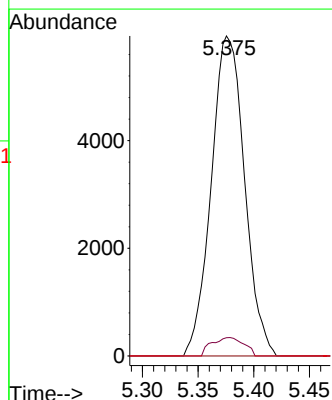
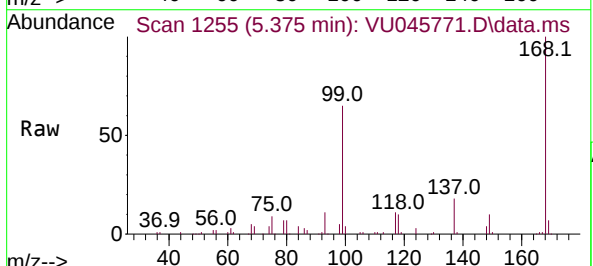
Tgt Ion: 117 Resp: 12368

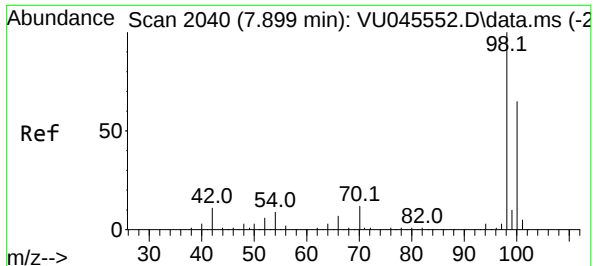
Ion Ratio Lower Upper

117 100

119 5.7 77.4 116.0#

121 0.0 24.8 37.2#

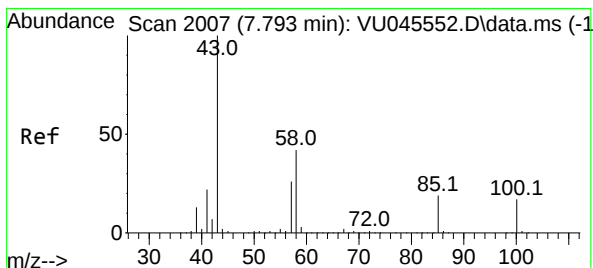
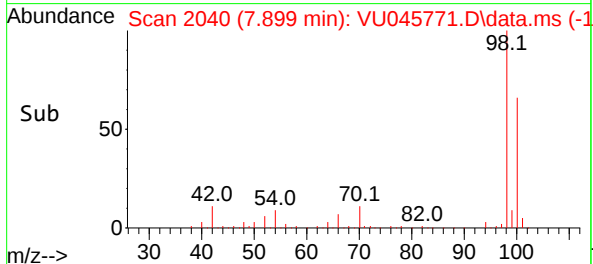
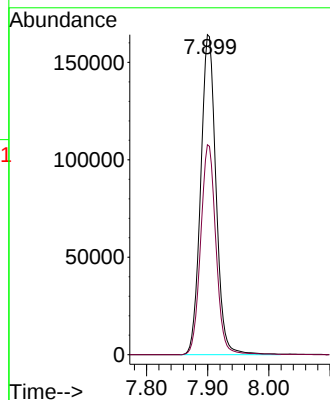
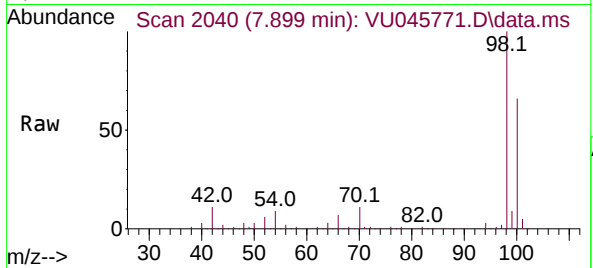




#50
Toluene-d8
Concen: 53.657 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045771.D
Acq: 12 Nov 2021 15:57

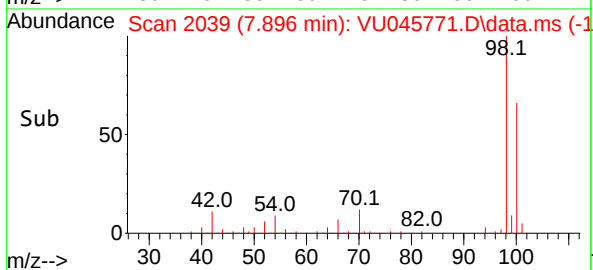
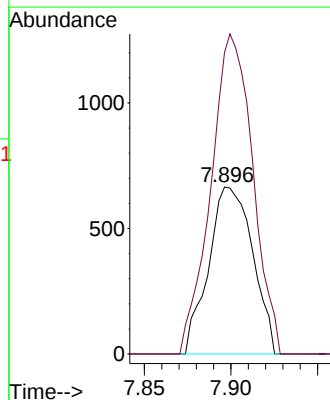
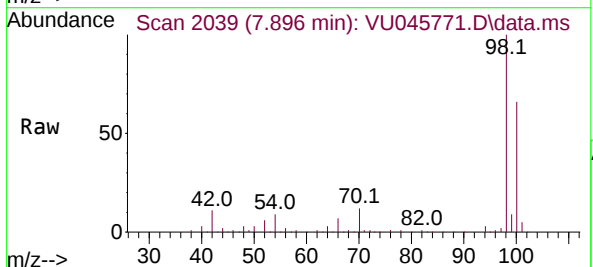
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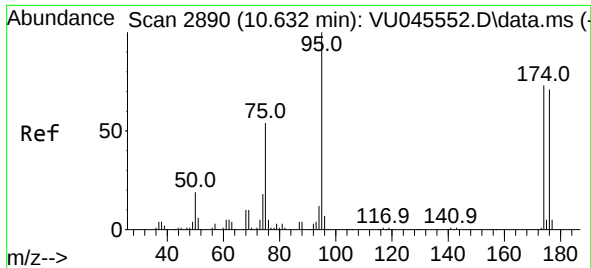
Tgt Ion: 98 Resp: 285369
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#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
Acq: 12 Nov 2021 15:57

Tgt Ion: 43 Resp: 1177
Ion Ratio Lower Upper
43 100
58 182.4 33.8 50.8

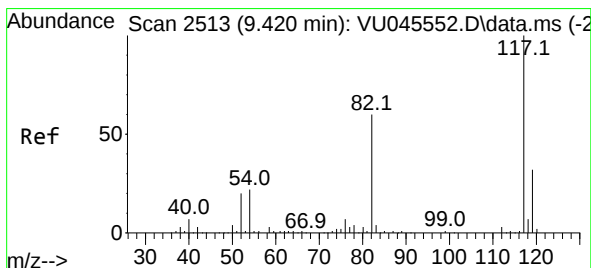
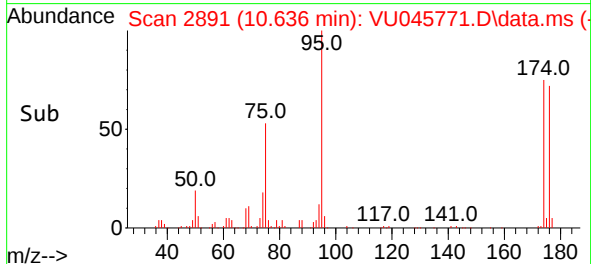
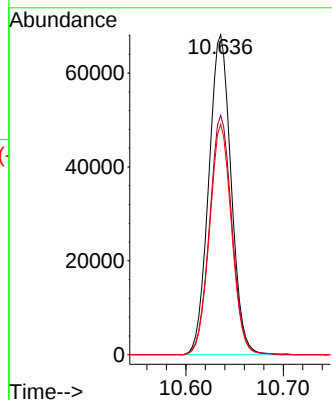
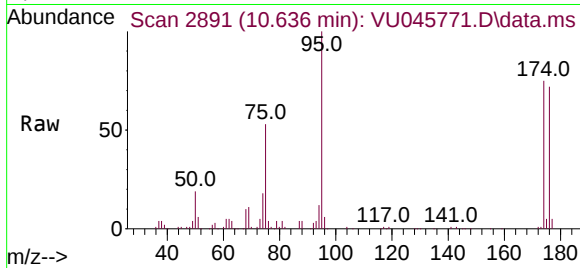




#62
4-Bromofluorobenzene
Concen: 50.903 ug/l
RT: 10.636 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU045771.D
Acq: 12 Nov 2021 15:57

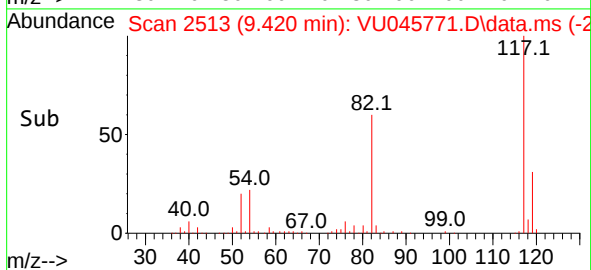
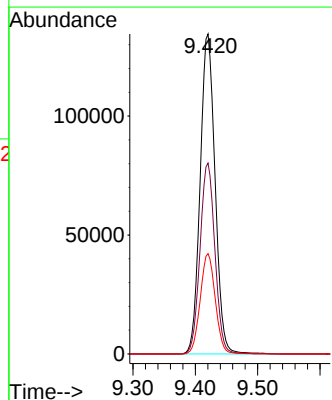
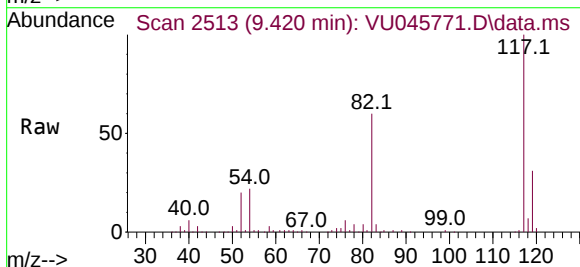
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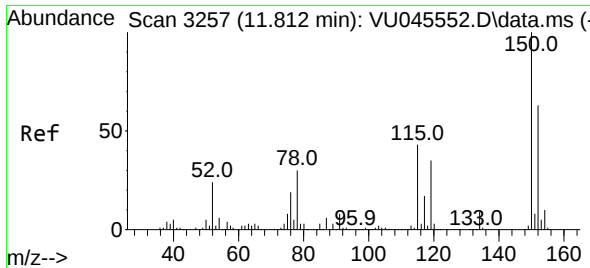
Tgt Ion: 95 Resp: 108559
Ion Ratio Lower Upper
95 100
174 74.9 0.0 141.8
176 71.0 0.0 138.2



#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

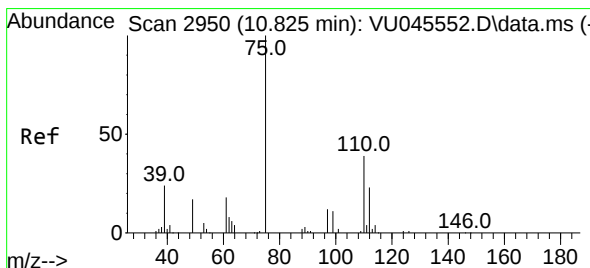
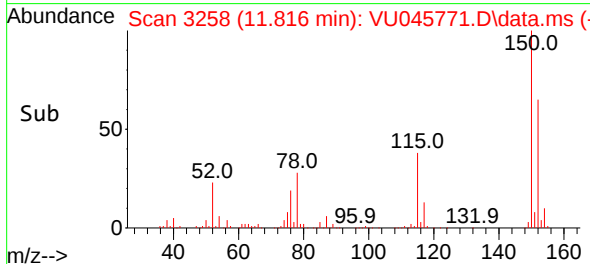
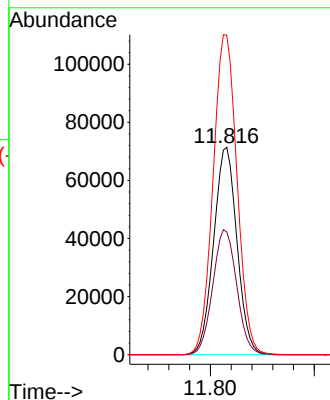
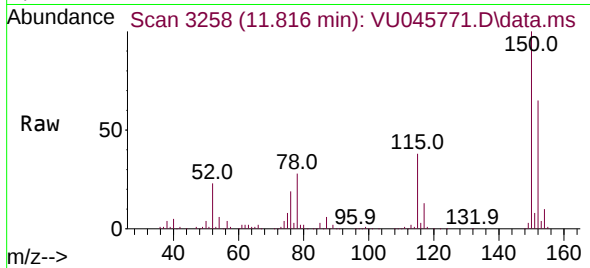




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU045771.D
Acq: 12 Nov 2021 15:57

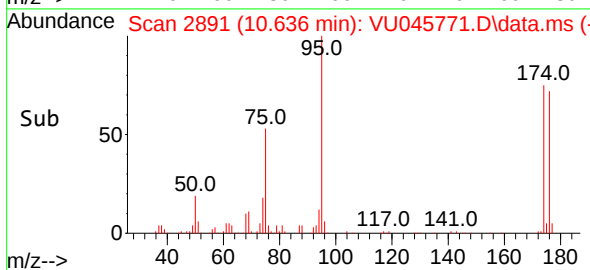
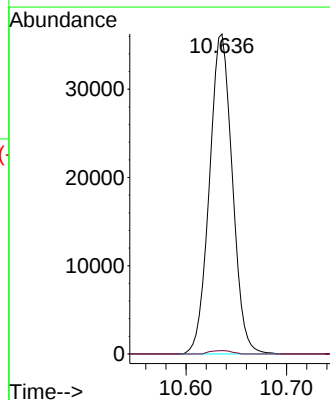
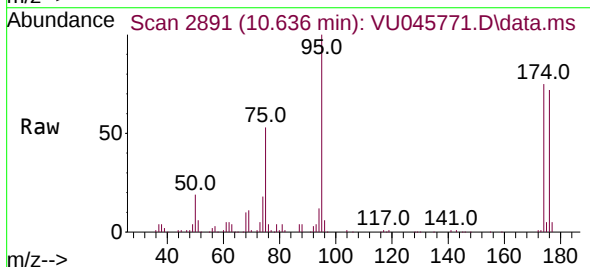
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-723-725

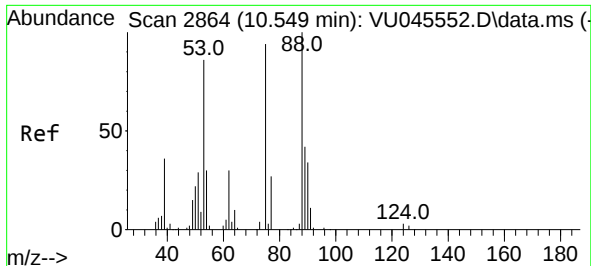
Tgt Ion:152 Resp: 111298
Ion Ratio Lower Upper
152 100
115 61.8 42.7 128.1
150 158.4 0.0 346.8



#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#

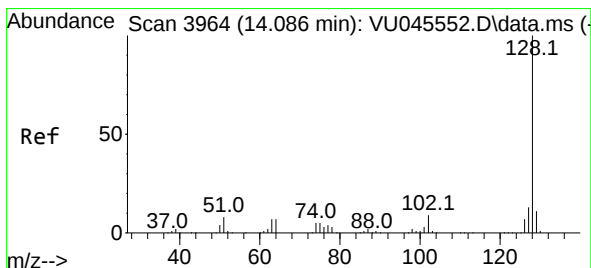
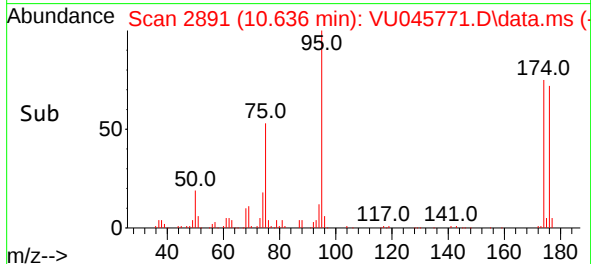
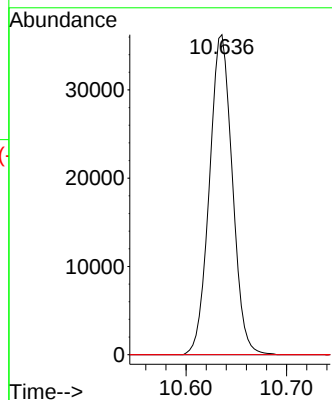
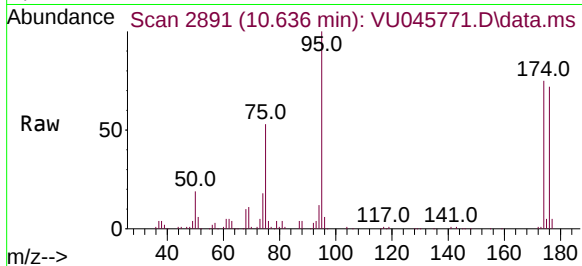




#81
trans-1,4-Dichloro-2-butene
Concen: 55.356 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU045771.D
Acq: 12 Nov 2021 15:57

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-723-725

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#

