

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045501.D
 Acq On : 01 Nov 2021 20:49
 Operator : SY/MD
 Sample : M4431-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-GW-443-445

Quant Time: Nov 02 07:37:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

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

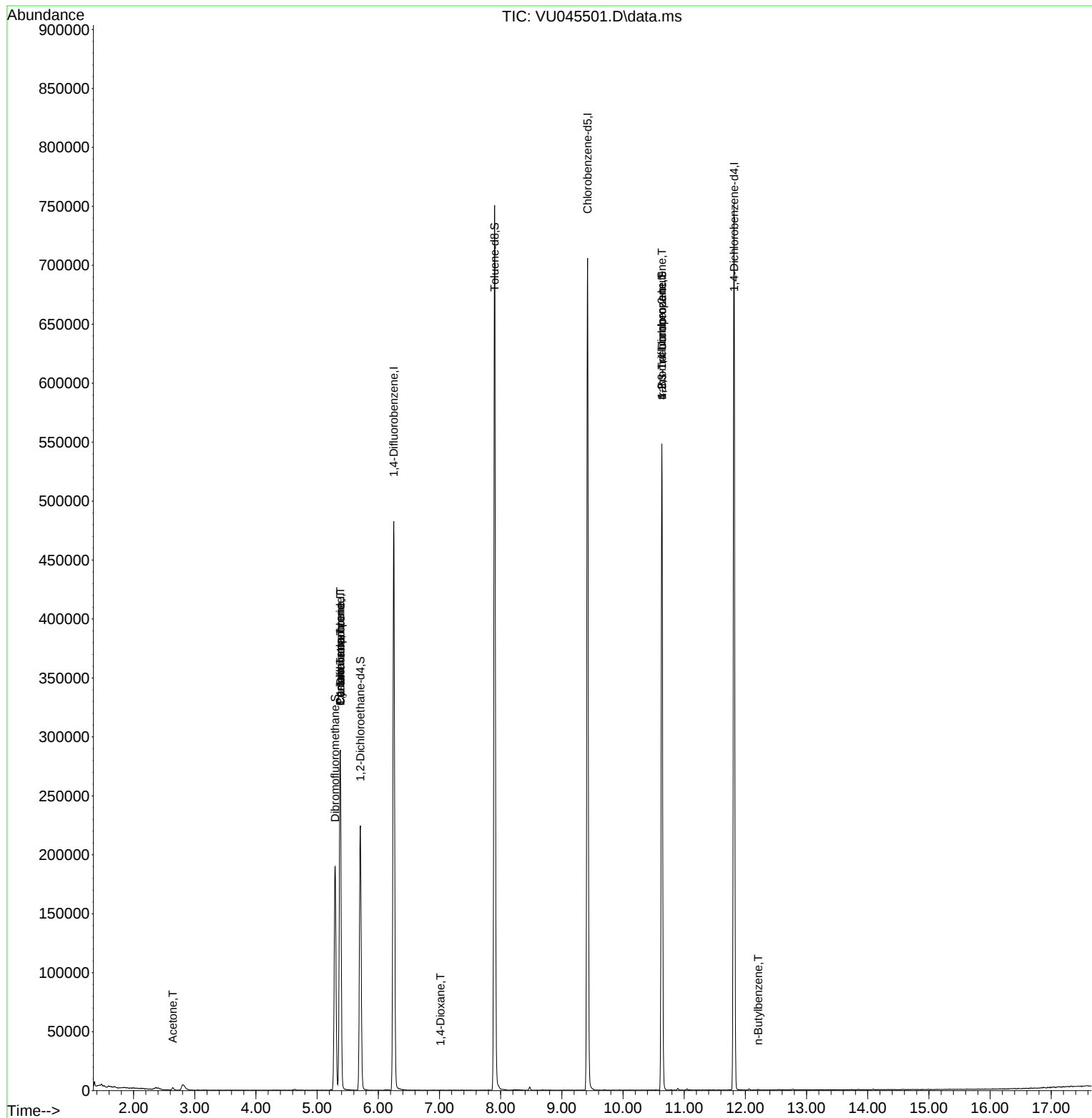
Internal Standards						
1) Pentafluorobenzene	5.379	168	195136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	384044	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	380640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	187003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	166963	52.556	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.120%		
35) Dibromofluoromethane	5.295	113	123983	50.773	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.540%		
50) Toluene-d8	7.903	98	493590	51.546	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 103.100%		
62) 4-Bromofluorobenzene	10.636	95	190663	52.252	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 104.500%		
Target Compounds						
						Qvalue
16) Acetone	2.642	43	2926	2.029	ug/l	92
31) Cyclohexane	5.379	56	4534	0.959	ug/l #	1
36) 1,1-Dichloropropene	5.379	75	17469	4.778	ug/l #	49
38) Carbon Tetrachloride	5.379	117	20014	6.277	ug/l #	15
49) 1,4-Dioxane	7.015	88	21	0.261	ug/l #	13
76) 1,2,3-Trichloropropane	10.636	75	96873	19.443	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	96873	54.079	ug/l #	12
89) n-Butylbenzene	12.211	91	303	0.964	ug/l #	63

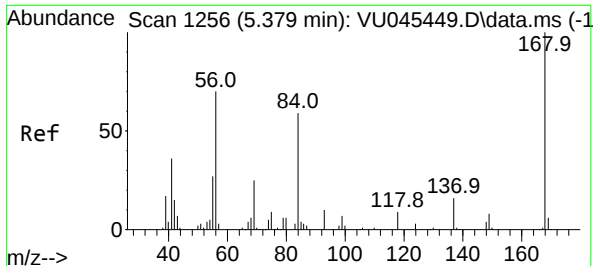
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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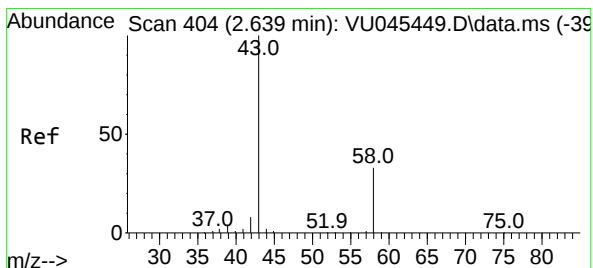
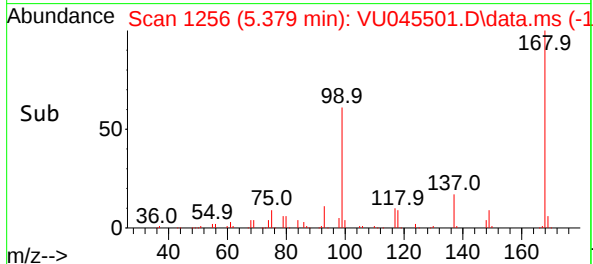
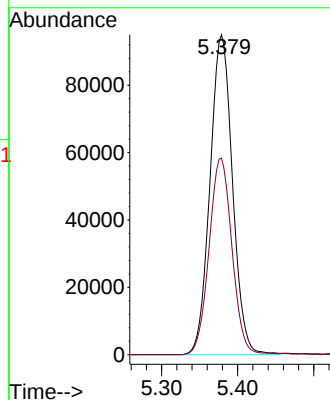
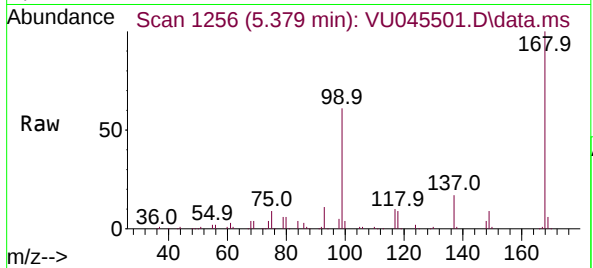




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045501.D
Acq: 01 Nov 2021 20:49

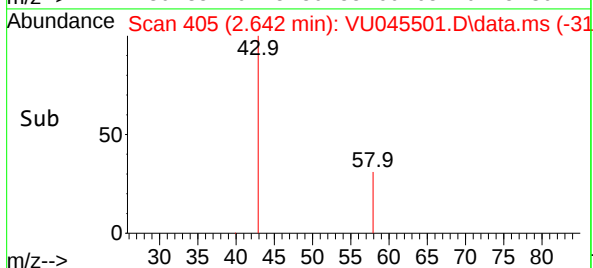
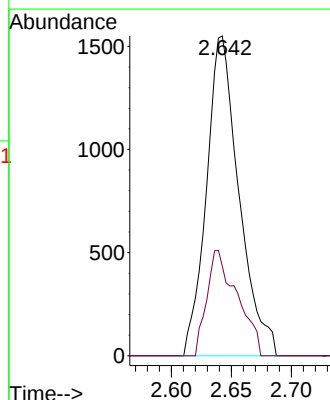
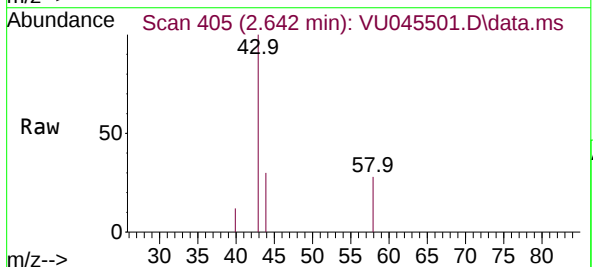
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-443-445

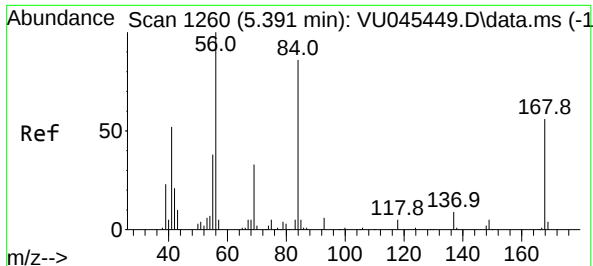
Tgt Ion:168 Resp: 195136
Ion Ratio Lower Upper
168 100
99 61.4 51.0 76.6



#16
Acetone
Concen: 2.029 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.003 min
Lab File: VU045501.D
Acq: 01 Nov 2021 20:49

Tgt Ion: 43 Resp: 2926
Ion Ratio Lower Upper
43 100
58 28.1 26.2 39.2

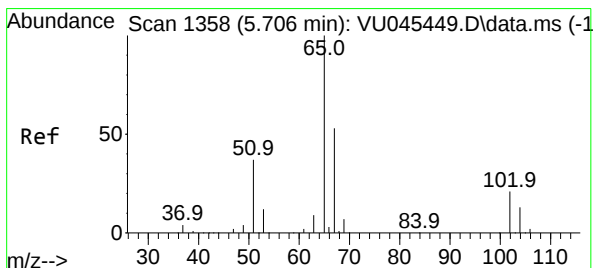
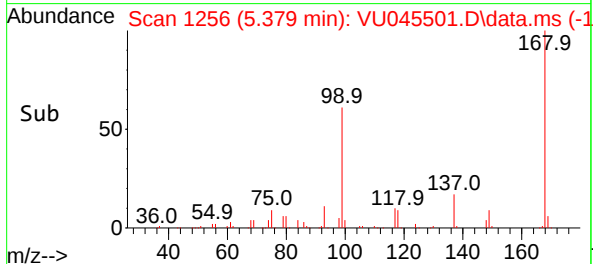
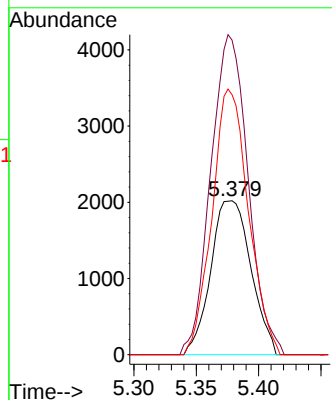
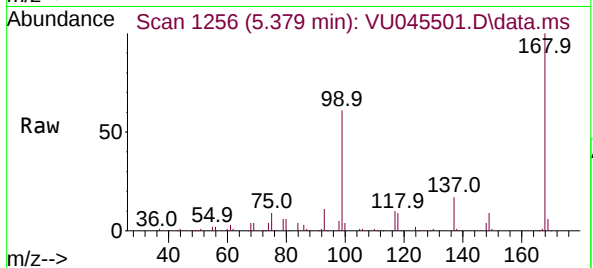




#31
Cyclohexane
Concen: 0.959 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.013 min
Lab File: VU045501.D
Acq: 01 Nov 2021 20:49

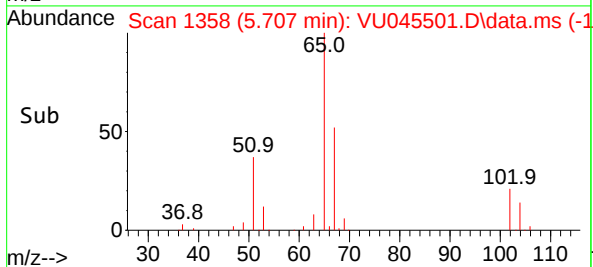
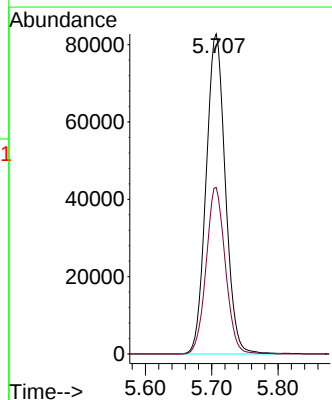
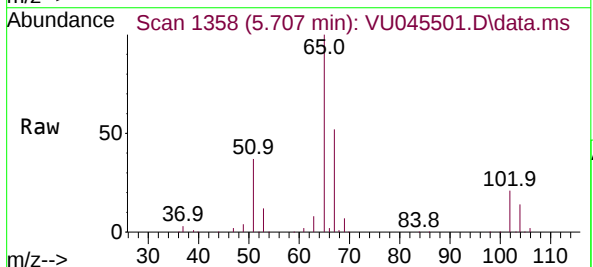
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-443-445

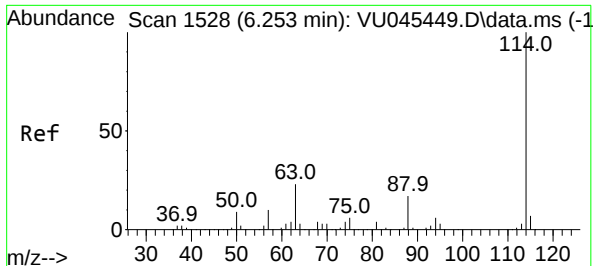
Tgt Ion: 56 Resp: 4534
Ion Ratio Lower Upper
56 100
69 204.3 26.4 39.6#
84 168.9 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 52.556 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU045501.D
Acq: 01 Nov 2021 20:49

Tgt Ion: 65 Resp: 166963
Ion Ratio Lower Upper
65 100
67 51.9 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: VU045501.D

Acq: 01 Nov 2021 20:49

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-443-445

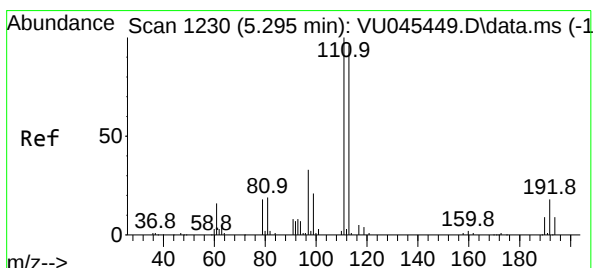
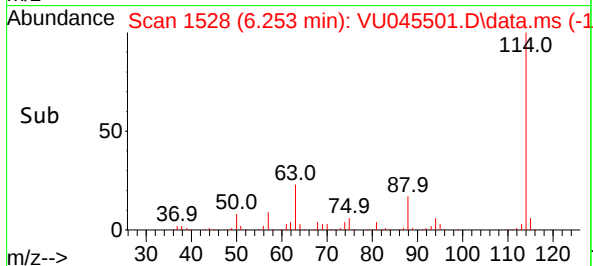
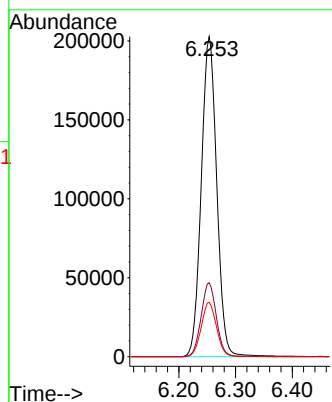
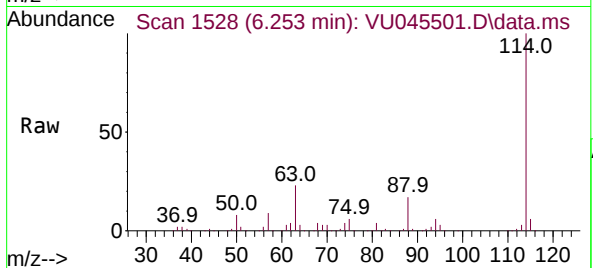
Tgt Ion:114 Resp: 384044

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.6

88 17.0 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.773 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VU045501.D

Acq: 01 Nov 2021 20:49

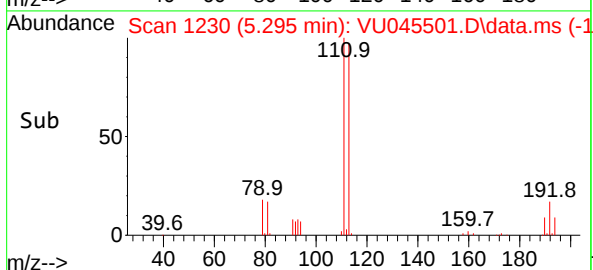
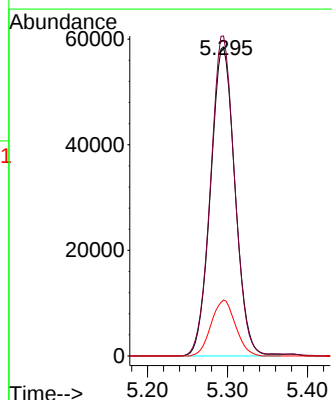
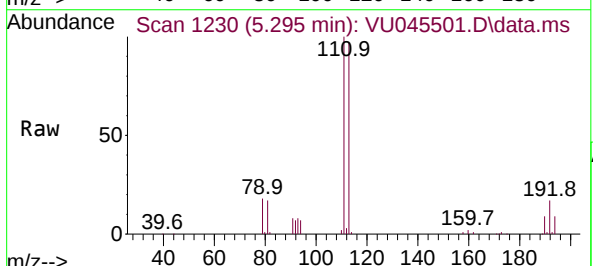
Tgt Ion:113 Resp: 123983

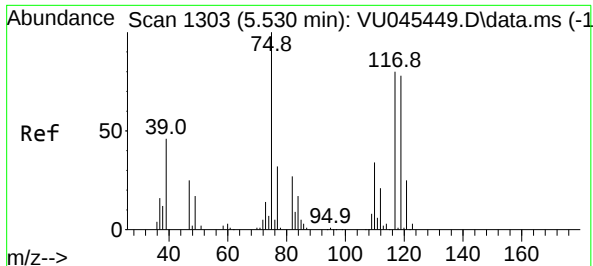
Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

192 18.0 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.778 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.151 min

Lab File: VU045501.D

Acq: 01 Nov 2021 20:49

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-443-445

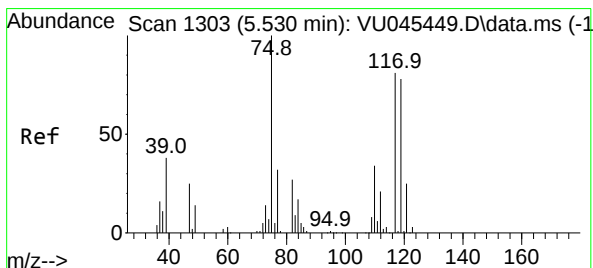
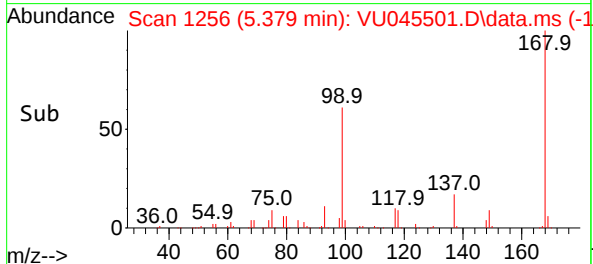
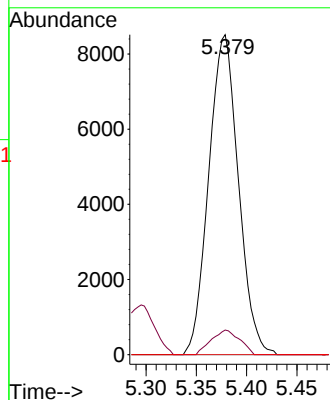
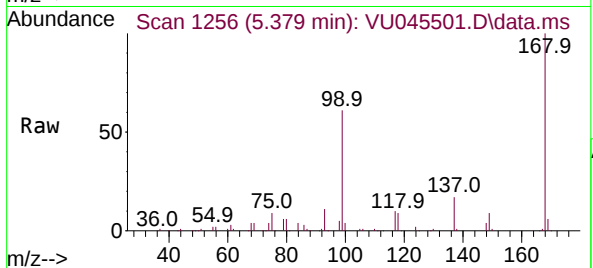
Tgt Ion: 75 Resp: 17469

Ion Ratio Lower Upper

75 100

110 7.4 16.7 50.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.277 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.151 min

Lab File: VU045501.D

Acq: 01 Nov 2021 20:49

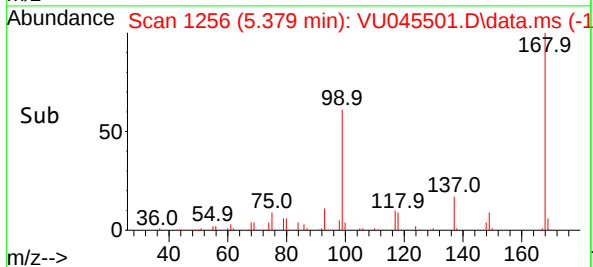
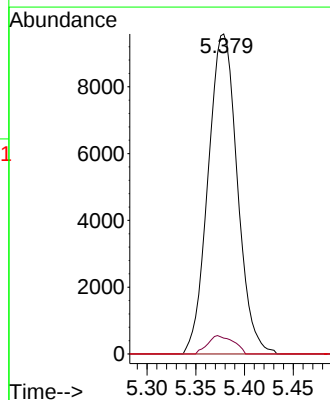
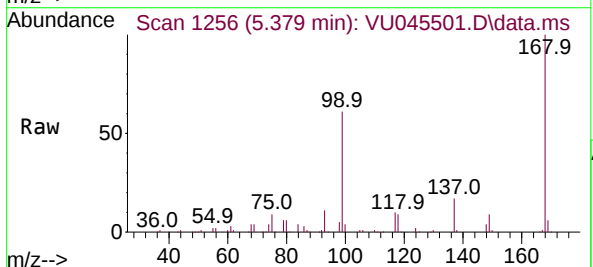
Tgt Ion: 117 Resp: 20014

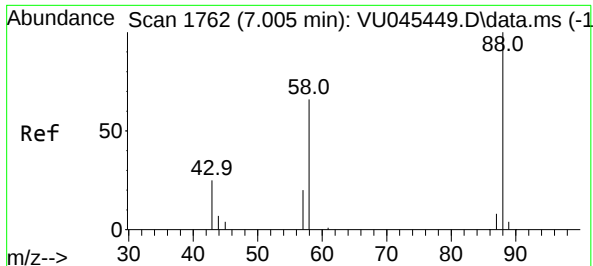
Ion Ratio Lower Upper

117 100

119 4.9 77.4 116.0#

121 0.0 24.8 37.2#





#49

1,4-Dioxane

Concen: 0.261 ug/l

RT: 7.015 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU045501.D

Acq: 01 Nov 2021 20:49

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-443-445

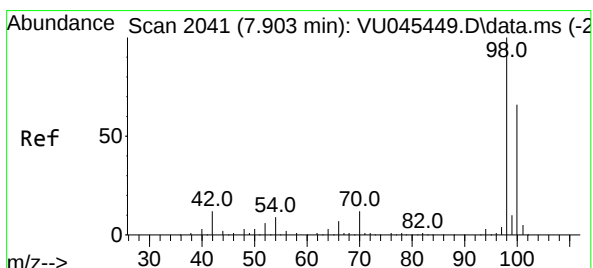
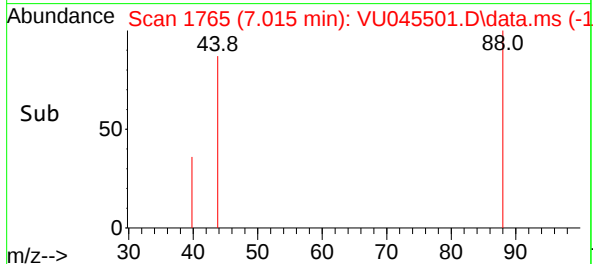
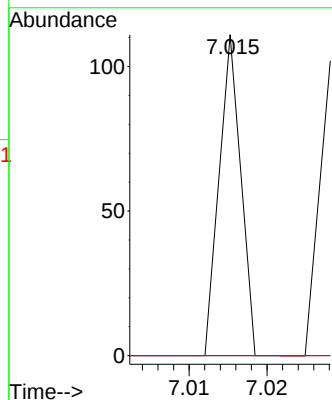
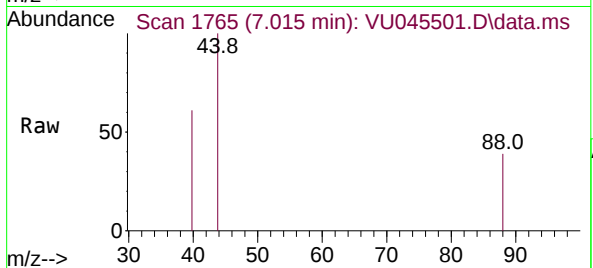
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 58.7 88.1#



#50

Toluene-d8

Concen: 51.546 ug/l

RT: 7.903 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VU045501.D

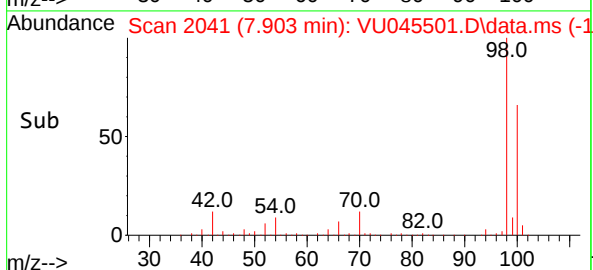
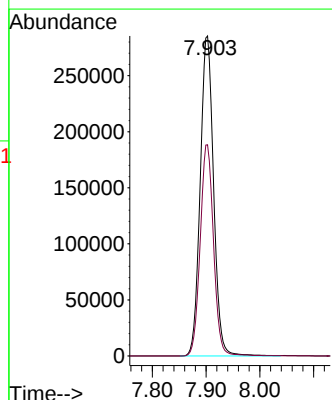
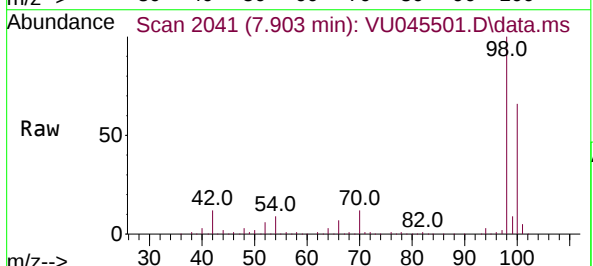
Acq: 01 Nov 2021 20:49

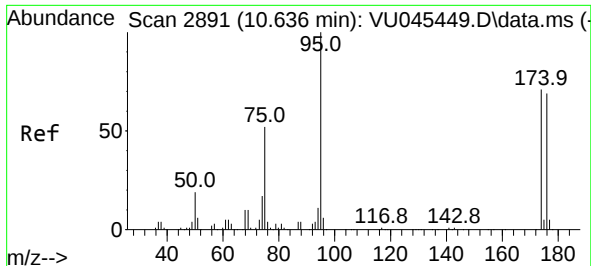
Tgt Ion: 98 Resp: 493590

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 52.252 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. 0.000 min

Lab File: VU045501.D

Acq: 01 Nov 2021 20:49

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-443-445

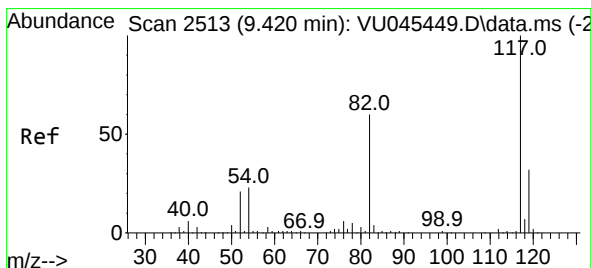
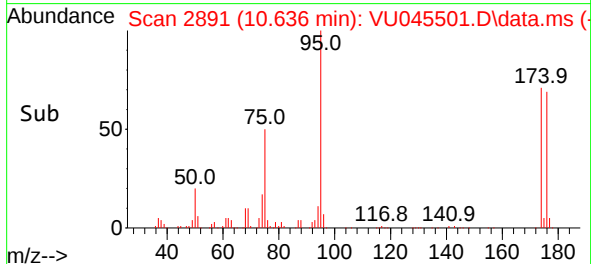
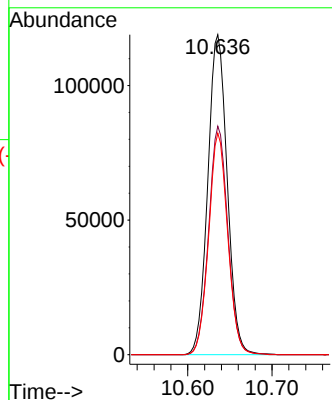
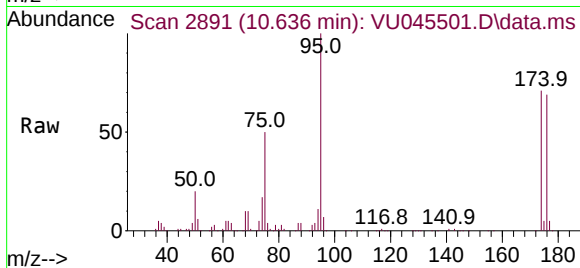
Tgt Ion: 95 Resp: 190663

Ion Ratio Lower Upper

95 100

174 70.8 0.0 141.8

176 67.9 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: VU045501.D

Acq: 01 Nov 2021 20:49

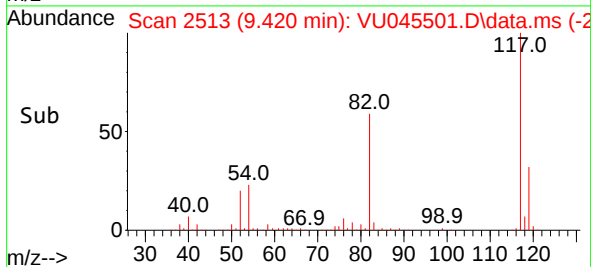
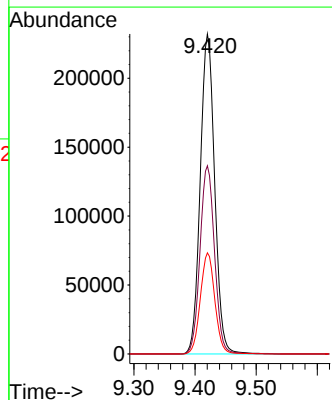
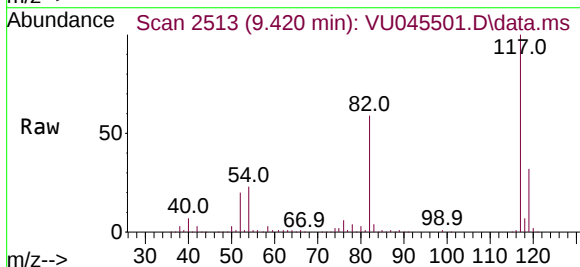
Tgt Ion: 117 Resp: 380640

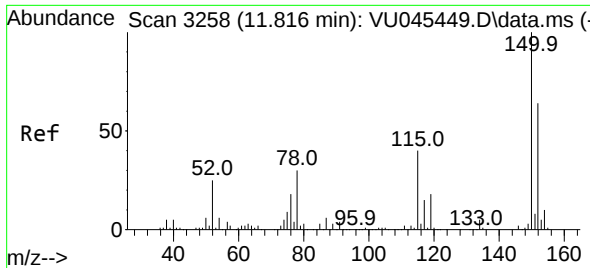
Ion Ratio Lower Upper

117 100

82 58.8 47.8 71.8

119 31.6 25.8 38.8

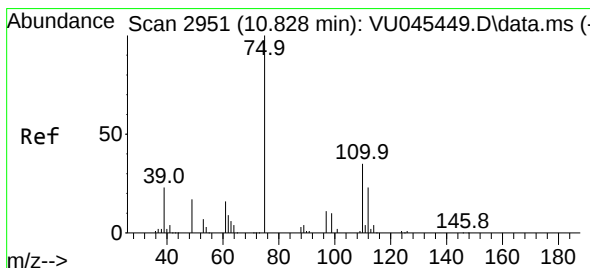
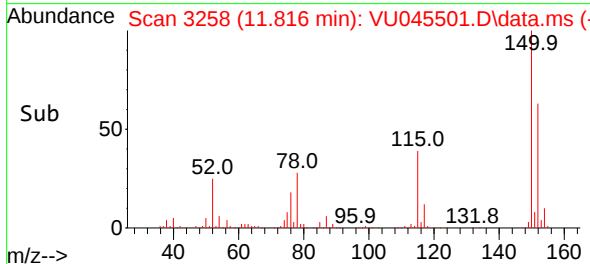
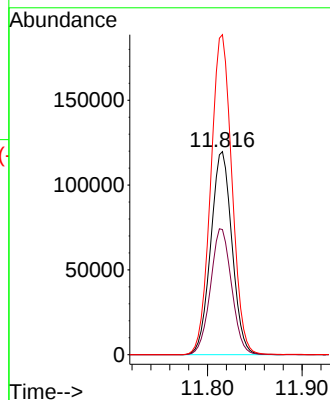
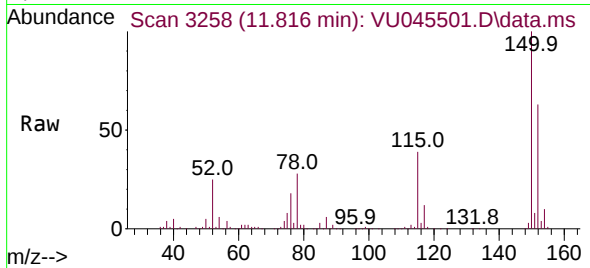




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU045501.D
 Acq: 01 Nov 2021 20:49

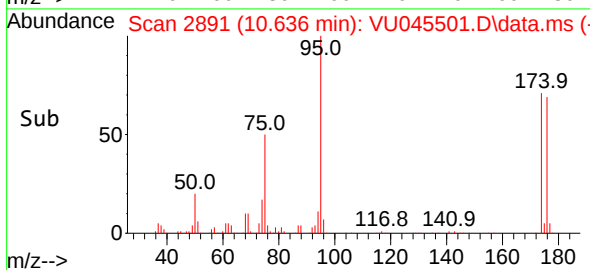
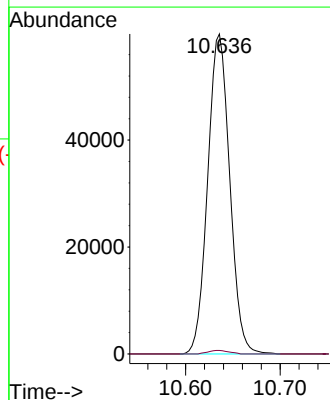
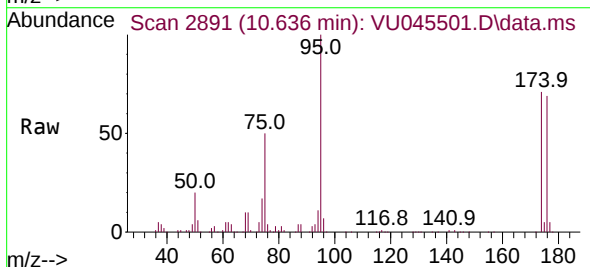
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-GW-443-445

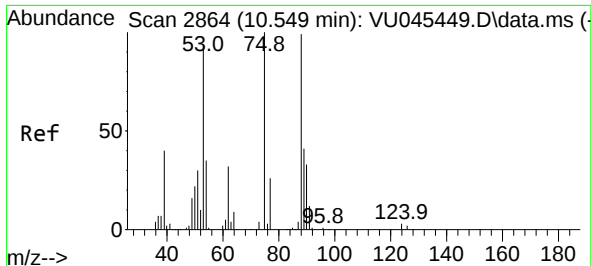
Tgt Ion:152 Resp: 187003
 Ion Ratio Lower Upper
 152 100
 115 61.7 42.7 128.1
 150 157.2 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 19.443 ug/l
 RT: 10.636 min Scan# 2891
 Delta R.T. -0.193 min
 Lab File: VU045501.D
 Acq: 01 Nov 2021 20:49

Tgt Ion: 75 Resp: 96873
 Ion Ratio Lower Upper
 75 100
 77 1.1 17.1 51.3#

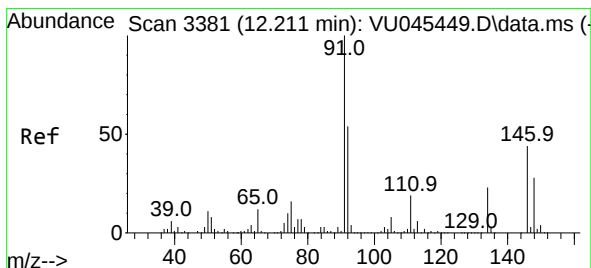
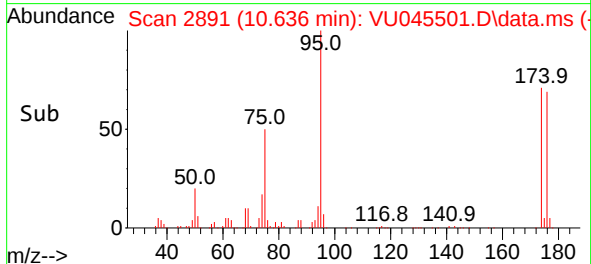
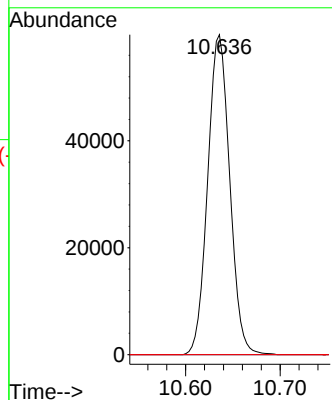
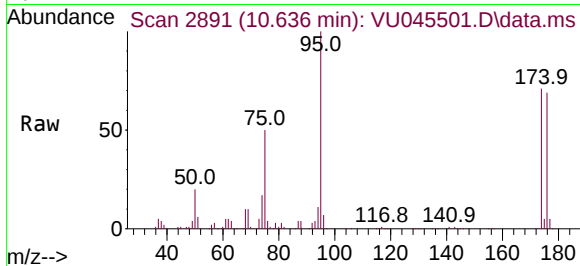




#81
trans-1,4-Dichloro-2-butene
Concen: 54.079 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU045501.D
Acq: 01 Nov 2021 20:49

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-443-445

Tgt Ion: 75 Resp: 96873
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#89
n-Butylbenzene
Concen: 0.964 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045501.D
Acq: 01 Nov 2021 20:49

Tgt Ion: 91 Resp: 303
Ion Ratio Lower Upper
91 100
92 31.4 27.1 81.2
134 0.0 11.8 35.4#

