

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045502.D
 Acq On : 01 Nov 2021 21:12
 Operator : SY/MD
 Sample : M4431-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-GW-458-460

Quant Time: Nov 02 07:37:53 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)

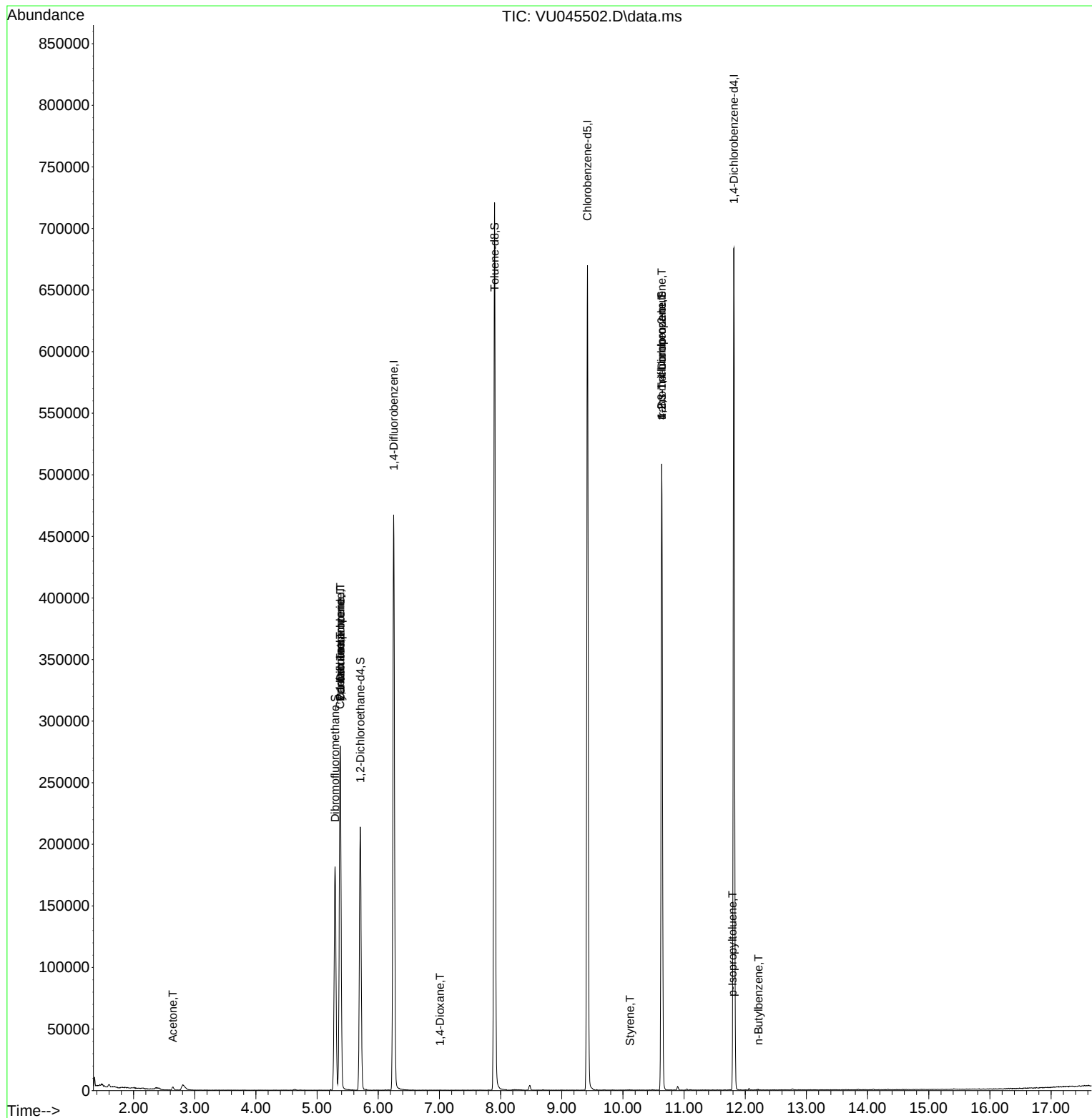
Internal Standards						
1) Pentafluorobenzene	5.378	168	186787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	371614	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	362230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	169201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	158851	52.237	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.480%	
35) Dibromofluoromethane	5.295	113	119631	50.629	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.260%	
50) Toluene-d8	7.902	98	474189	51.176	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.360%	
62) 4-Bromofluorobenzene	10.635	95	176307	49.933	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.860%	
Target Compounds						
					Qvalue	
16) Acetone	2.642	43	3631	2.630	ug/l	93
31) Cyclohexane	5.375	56	4272	0.944	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	17143	4.846	ug/l #	49
38) Carbon Tetrachloride	5.378	117	19546	6.335	ug/l #	16
49) 1,4-Dioxane	7.009	88	20	0.257	ug/l #	13
70) Styrene	10.118	104	50	0.982	ug/l #	25
76) 1,2,3-Trichloropropane	10.635	75	90505	20.076	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	90505	55.751	ug/l #	12
86) p-Isopropyltoluene	11.790	119	191	0.206	ug/l #	50
89) n-Butylbenzene	12.217	91	266	0.963	ug/l #	40

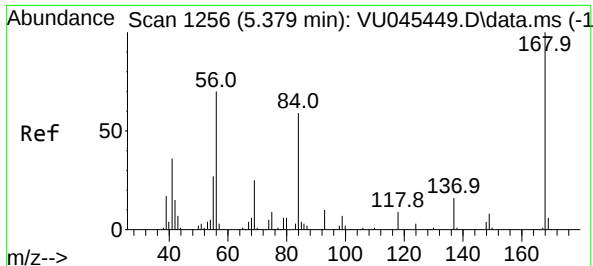
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
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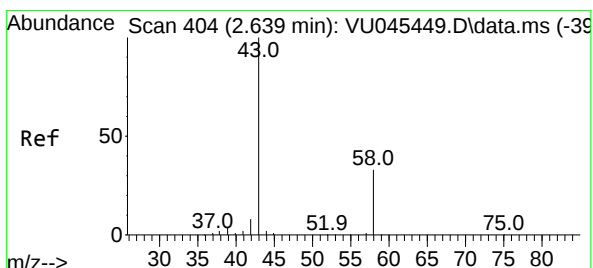
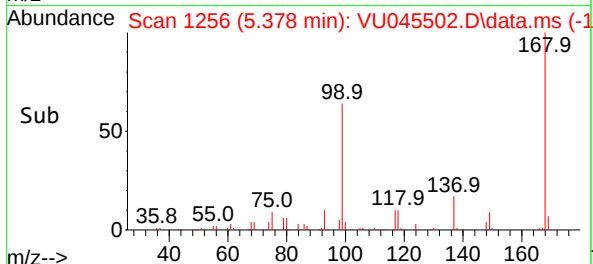
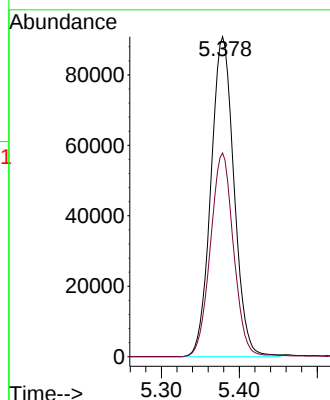
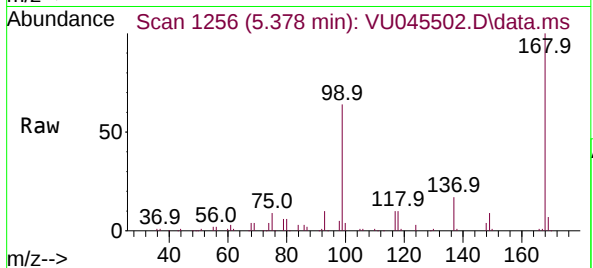




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU045502.D
Acq: 01 Nov 2021 21:12

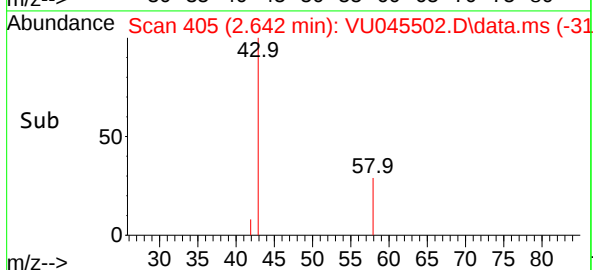
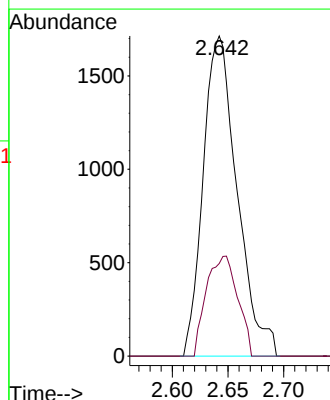
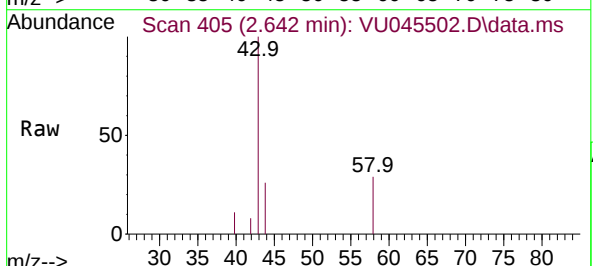
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-458-460

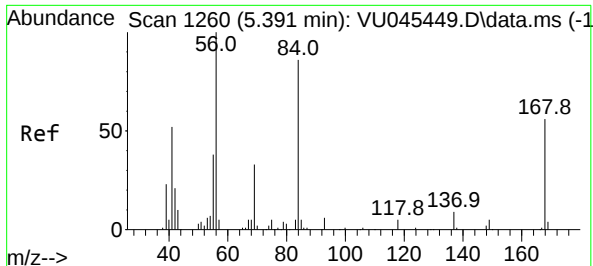
Tgt Ion:168 Resp: 186787
Ion Ratio Lower Upper
168 100
99 63.6 51.0 76.6



#16
Acetone
Concen: 2.630 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.003 min
Lab File: VU045502.D
Acq: 01 Nov 2021 21:12

Tgt Ion: 43 Resp: 3631
Ion Ratio Lower Upper
43 100
58 28.9 26.2 39.2





#31

Cyclohexane

Concen: 0.944 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.016 min

Lab File: VU045502.D

Acq: 01 Nov 2021 21:12

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-458-460

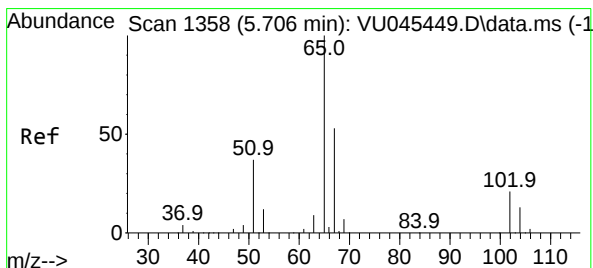
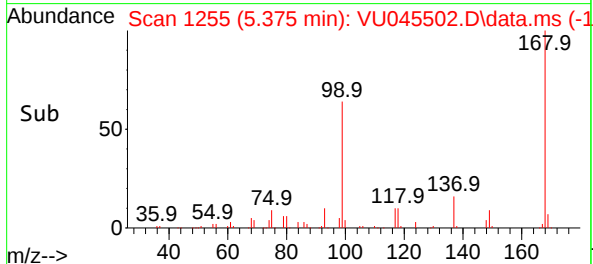
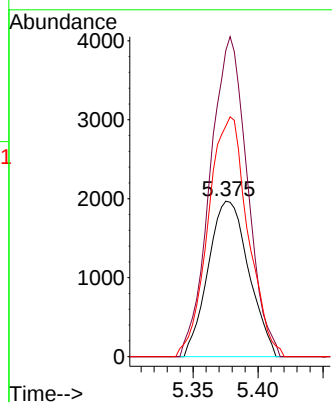
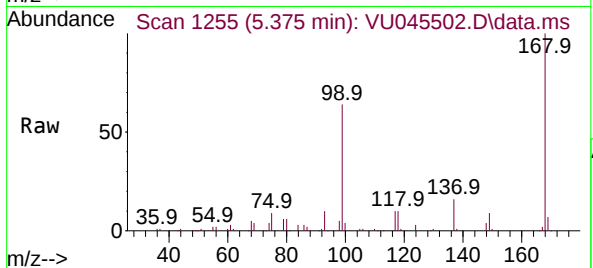
Tgt Ion: 56 Resp: 4272

Ion Ratio Lower Upper

56 100

69 196.9 26.4 39.6#

84 143.0 68.4 102.6#



#33

1,2-Dichloroethane-d4

Concen: 52.237 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. -0.000 min

Lab File: VU045502.D

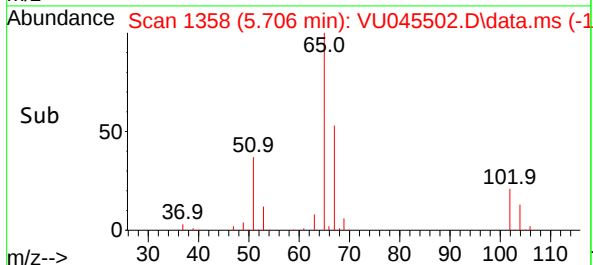
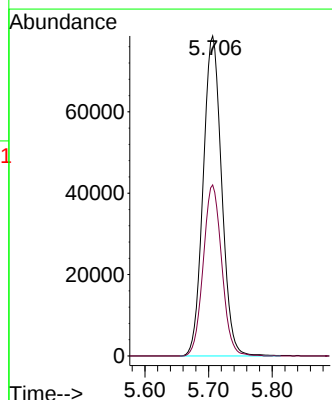
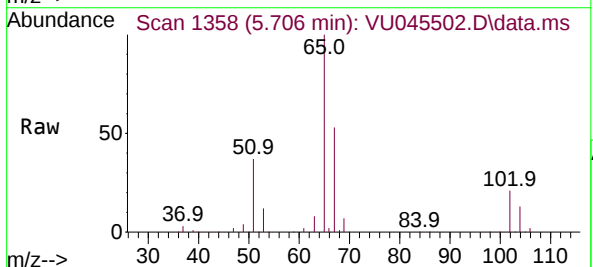
Acq: 01 Nov 2021 21:12

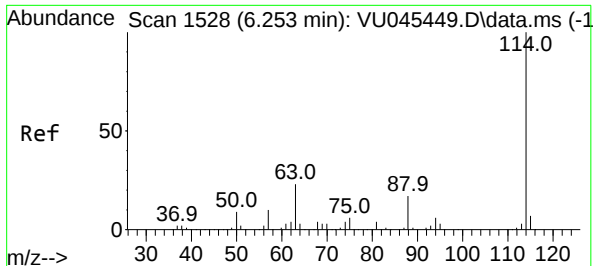
Tgt Ion: 65 Resp: 158851

Ion Ratio Lower Upper

65 100

67 53.4 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: VU045502.D

Acq: 01 Nov 2021 21:12

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-458-460

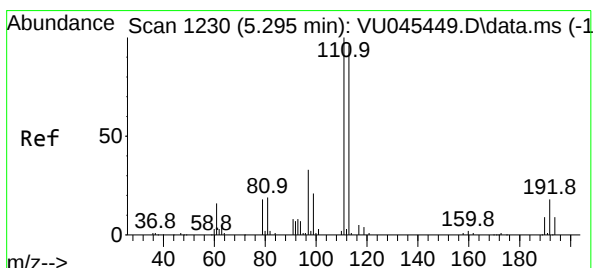
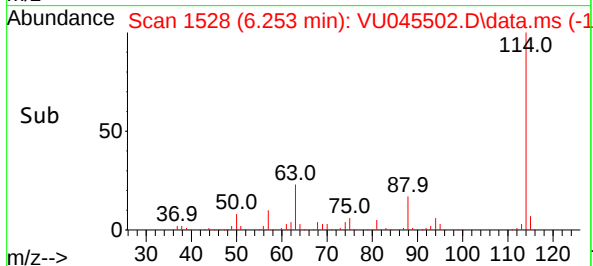
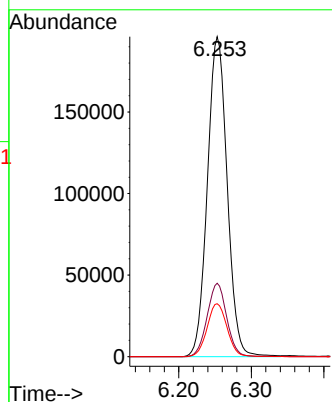
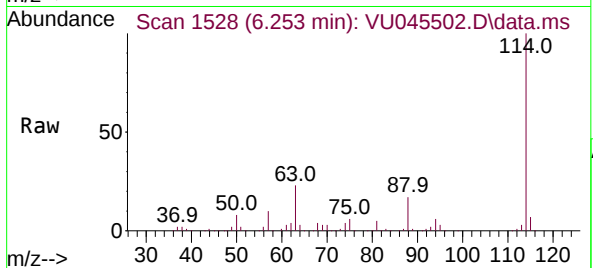
Tgt Ion:114 Resp: 371614

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.6

88 16.6 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.629 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VU045502.D

Acq: 01 Nov 2021 21:12

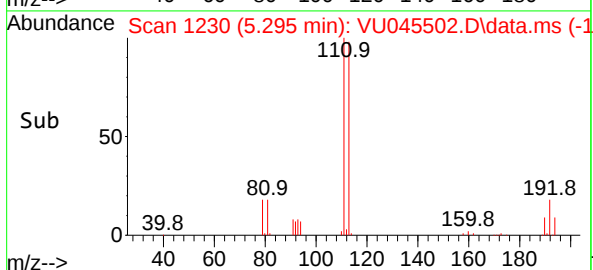
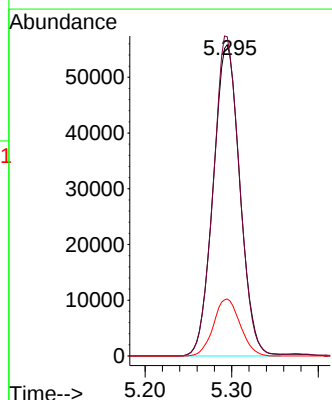
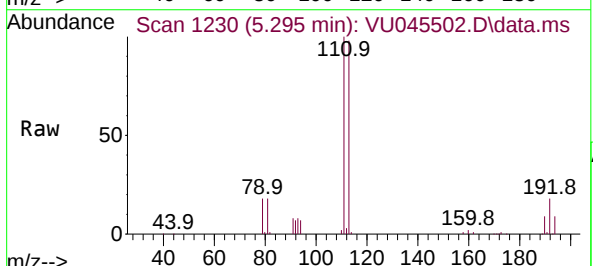
Tgt Ion:113 Resp: 119631

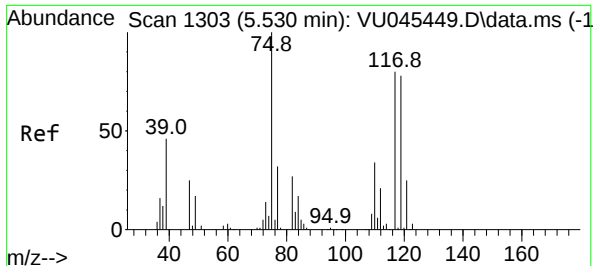
Ion Ratio Lower Upper

113 100

111 101.2 82.8 124.2

192 18.3 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.846 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.151 min

Lab File: VU045502.D

Acq: 01 Nov 2021 21:12

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-458-460

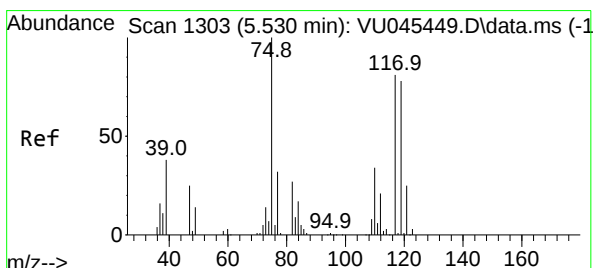
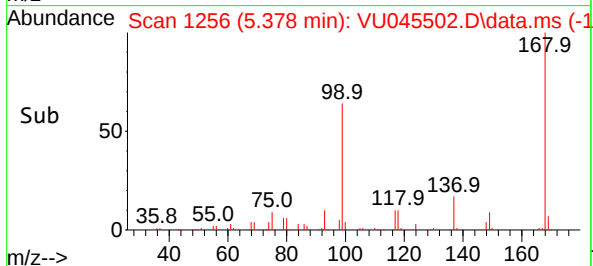
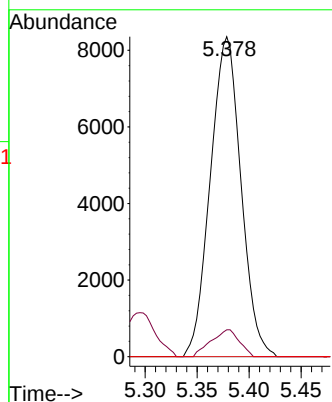
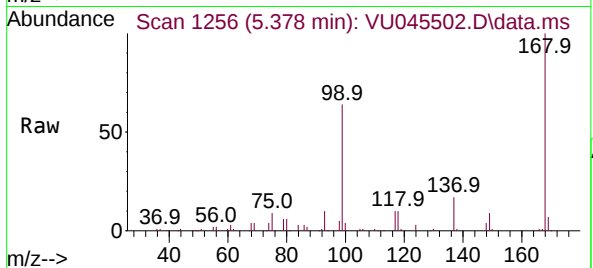
Tgt Ion: 75 Resp: 17143

Ion Ratio Lower Upper

75 100

110 7.7 16.7 50.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.335 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.151 min

Lab File: VU045502.D

Acq: 01 Nov 2021 21:12

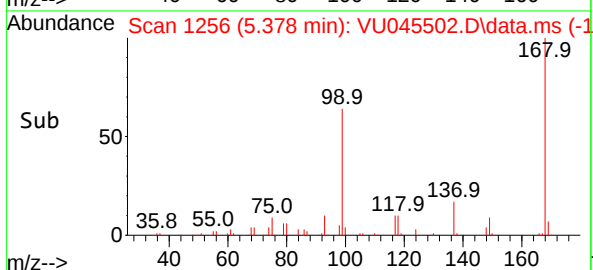
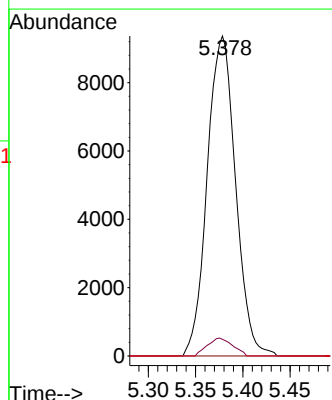
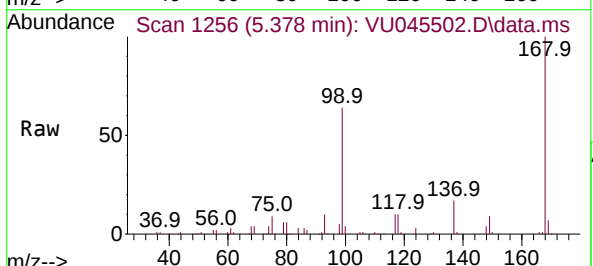
Tgt Ion: 117 Resp: 19546

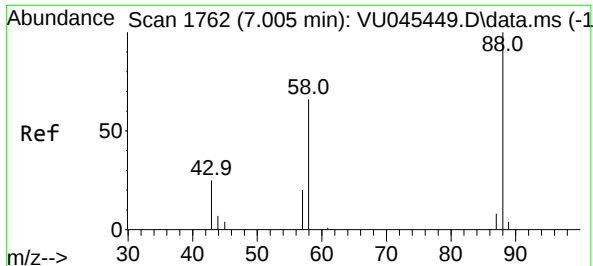
Ion Ratio Lower Upper

117 100

119 5.2 77.4 116.0#

121 0.0 24.8 37.2#





#49

1,4-Dioxane

Concen: 0.257 ug/l

RT: 7.009 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045502.D

Acq: 01 Nov 2021 21:12

Instrument :

MSVOA_U

ClientSampleId :

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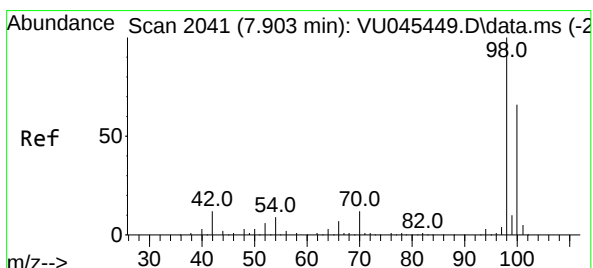
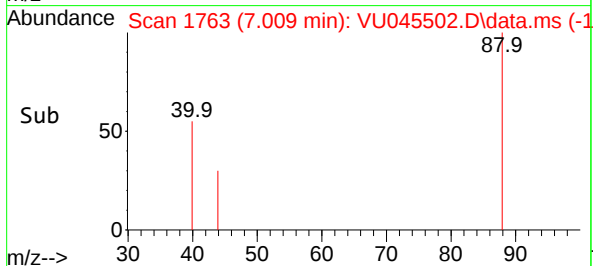
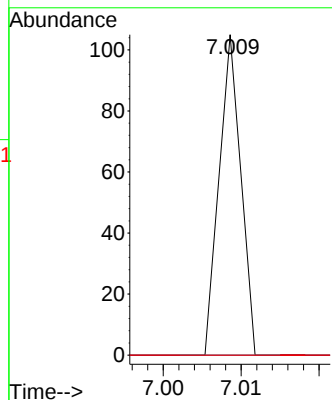
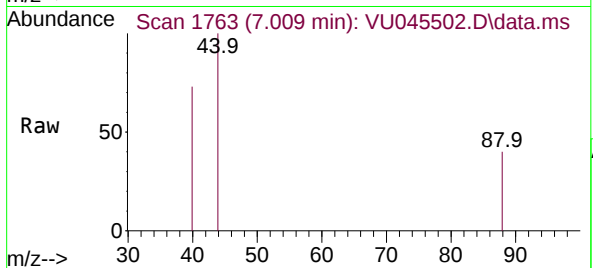
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 58.7 88.1#



#50

Toluene-d8

Concen: 51.176 ug/l

RT: 7.902 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VU045502.D

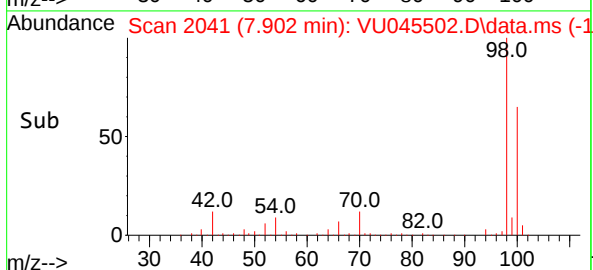
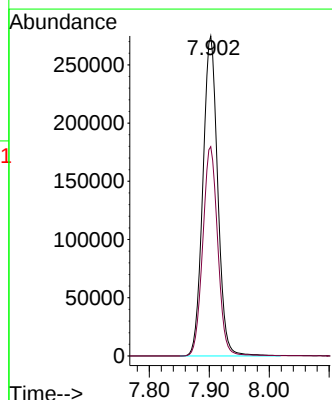
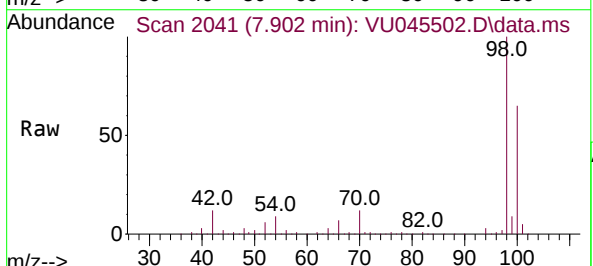
Acq: 01 Nov 2021 21:12

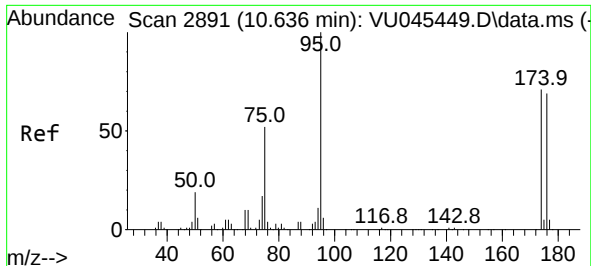
Tgt Ion: 98 Resp: 474189

Ion Ratio Lower Upper

98 100

100 66.1 52.5 78.7

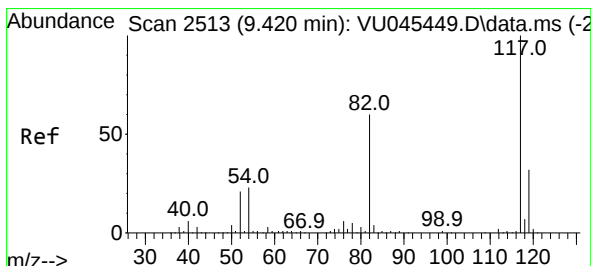
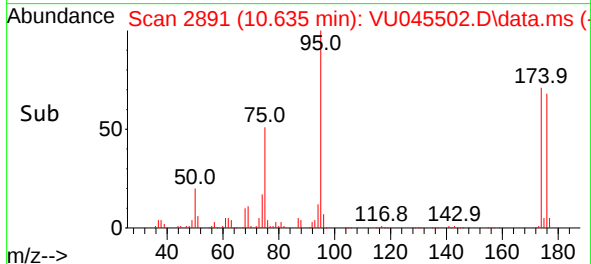
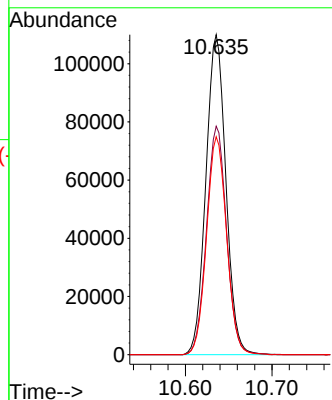
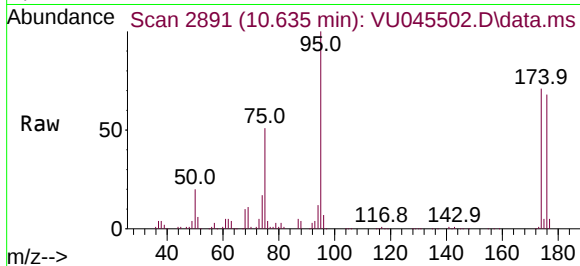




#62
4-Bromofluorobenzene
Concen: 49.933 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU045502.D
Acq: 01 Nov 2021 21:12

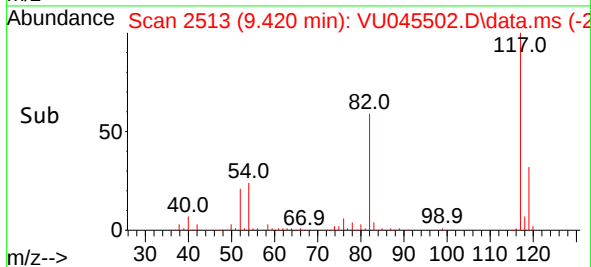
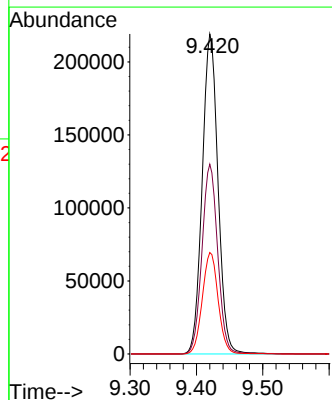
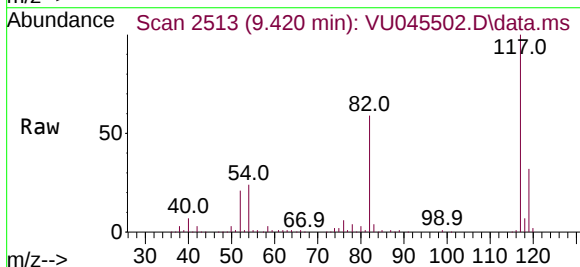
Instrument : MSVOA_U
ClientSampleId : BP-VPB-RW9-GW-458-460

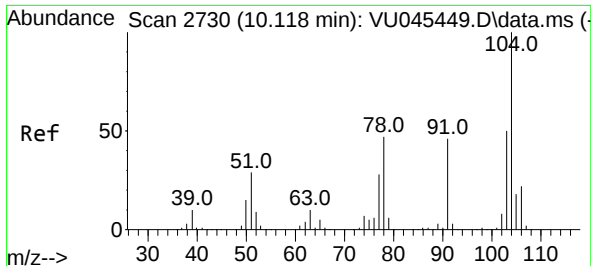
Tgt Ion: 95 Resp: 176307
Ion Ratio Lower Upper
95 100
174 71.5 0.0 141.8
176 68.3 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045502.D
Acq: 01 Nov 2021 21:12

Tgt Ion: 117 Resp: 362230
Ion Ratio Lower Upper
117 100
82 59.3 47.8 71.8
119 31.7 25.8 38.8

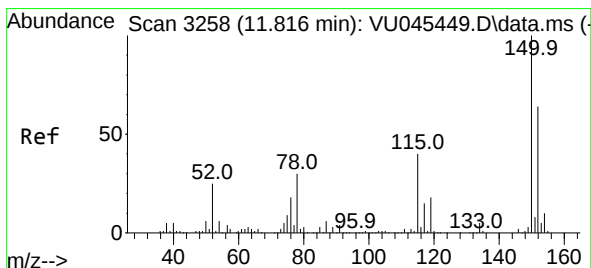
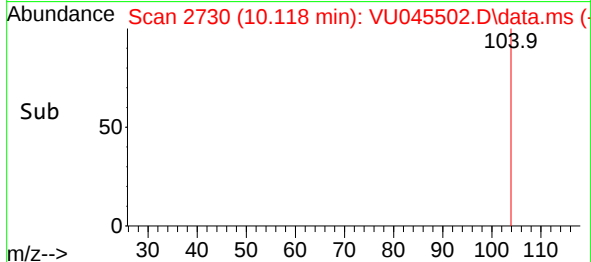
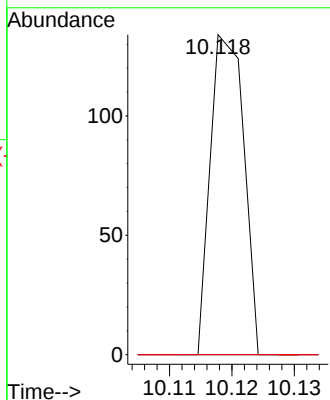
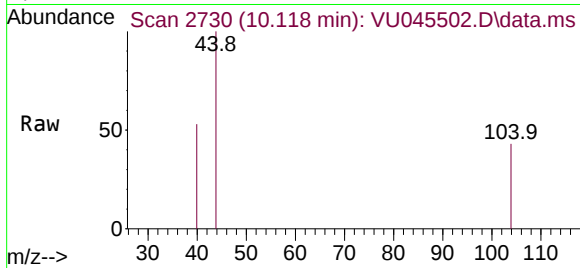




#70
 Styrene
 Concen: 0.982 ug/l
 RT: 10.118 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU045502.D
 Acq: 01 Nov 2021 21:12

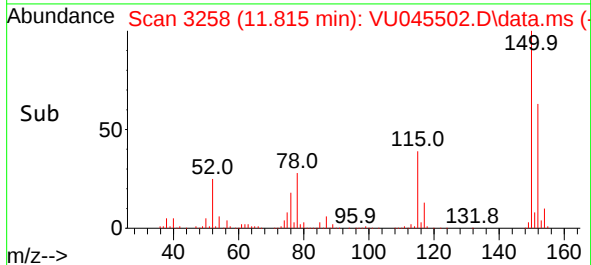
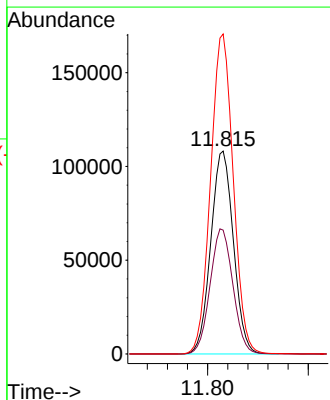
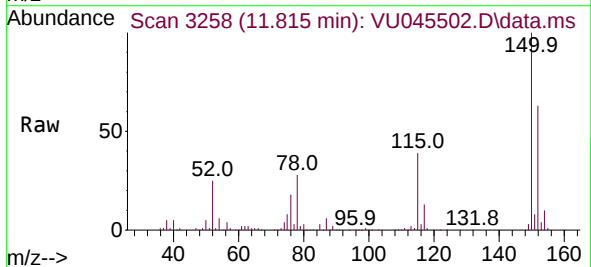
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-GW-458-460

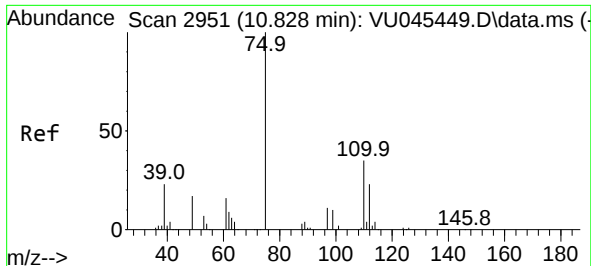
Tgt Ion:104 Resp: 50
 Ion Ratio Lower Upper
 104 100
 78 0.0 41.8 62.6#
 103 0.0 43.8 65.6#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.815 min Scan# 3258
 Delta R.T. -0.000 min
 Lab File: VU045502.D
 Acq: 01 Nov 2021 21:12

Tgt Ion:152 Resp: 169201
 Ion Ratio Lower Upper
 152 100
 115 62.1 42.7 128.1
 150 157.7 0.0 346.8

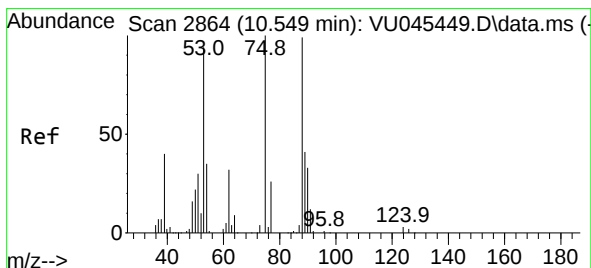
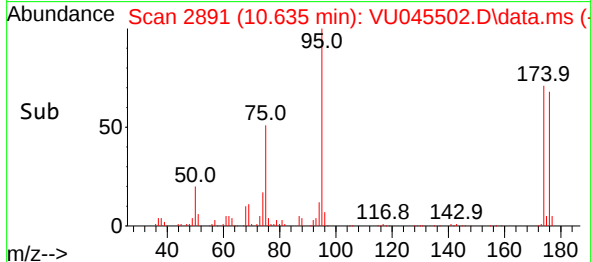
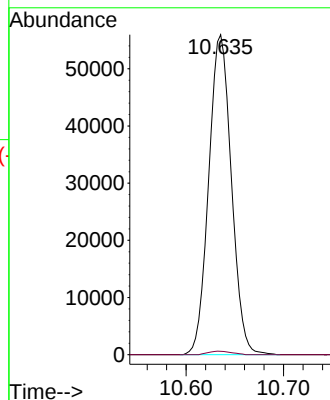
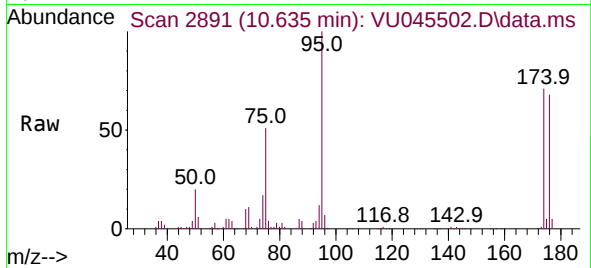




#76
1,2,3-Trichloropropane
Concen: 20.076 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU045502.D
Acq: 01 Nov 2021 21:12

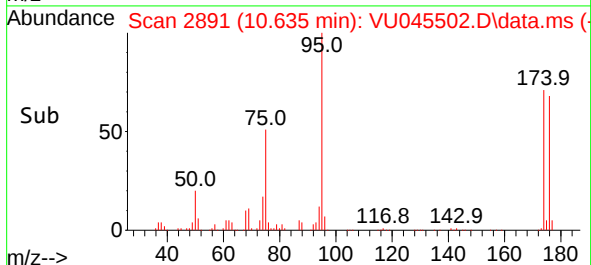
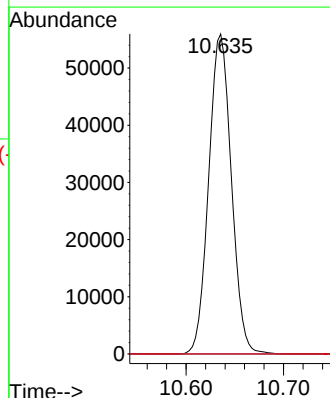
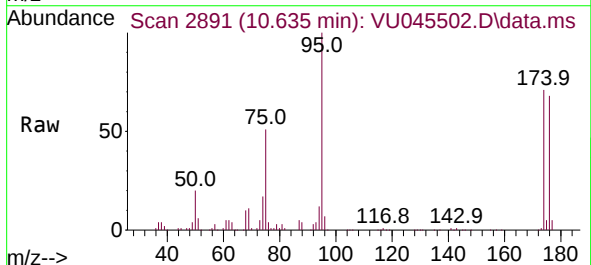
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-458-460

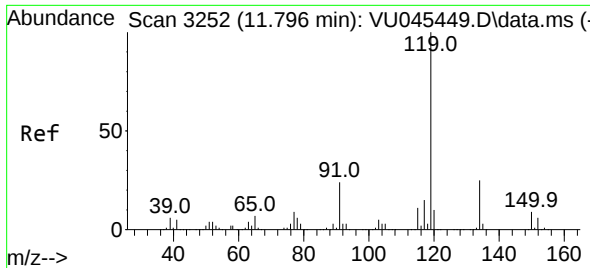
Tgt Ion: 75 Resp: 90505
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.751 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.086 min
Lab File: VU045502.D
Acq: 01 Nov 2021 21:12

Tgt Ion: 75 Resp: 90505
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#

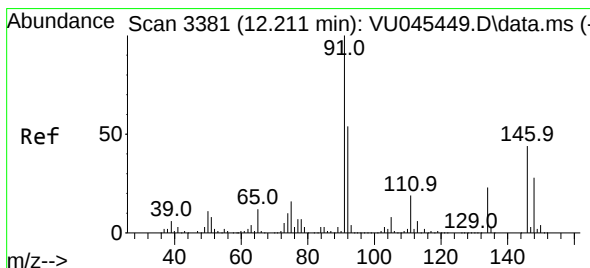
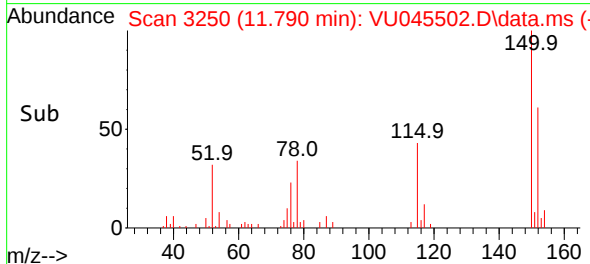
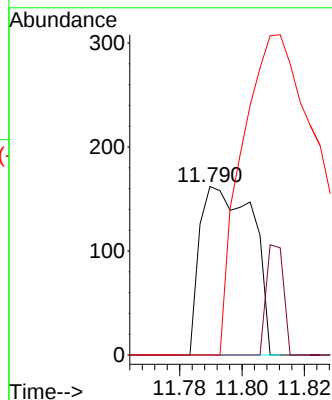
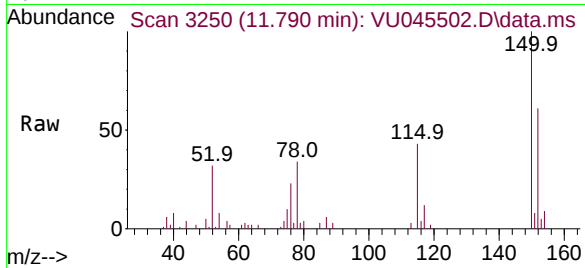




#86
p-Isopropyltoluene
Concen: 0.206 ug/l
RT: 11.790 min Scan# 31
Delta R.T. -0.006 min
Lab File: VU045502.D
Acq: 01 Nov 2021 21:12

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-458-460

Tgt Ion:119 Resp: 191
Ion Ratio Lower Upper
119 100
134 0.0 12.7 38.1#
91 0.0 12.2 36.4#



#89
n-Butylbenzene
Concen: 0.963 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.006 min
Lab File: VU045502.D
Acq: 01 Nov 2021 21:12

Tgt Ion: 91 Resp: 266
Ion Ratio Lower Upper
91 100
92 7.5 27.1 81.2#
134 0.0 11.8 35.4#

