

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045496.D
 Acq On : 01 Nov 2021 18:53
 Operator : SY/MD
 Sample : M4431-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-GW-358-360

Quant Time: Nov 02 07:36:12 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)

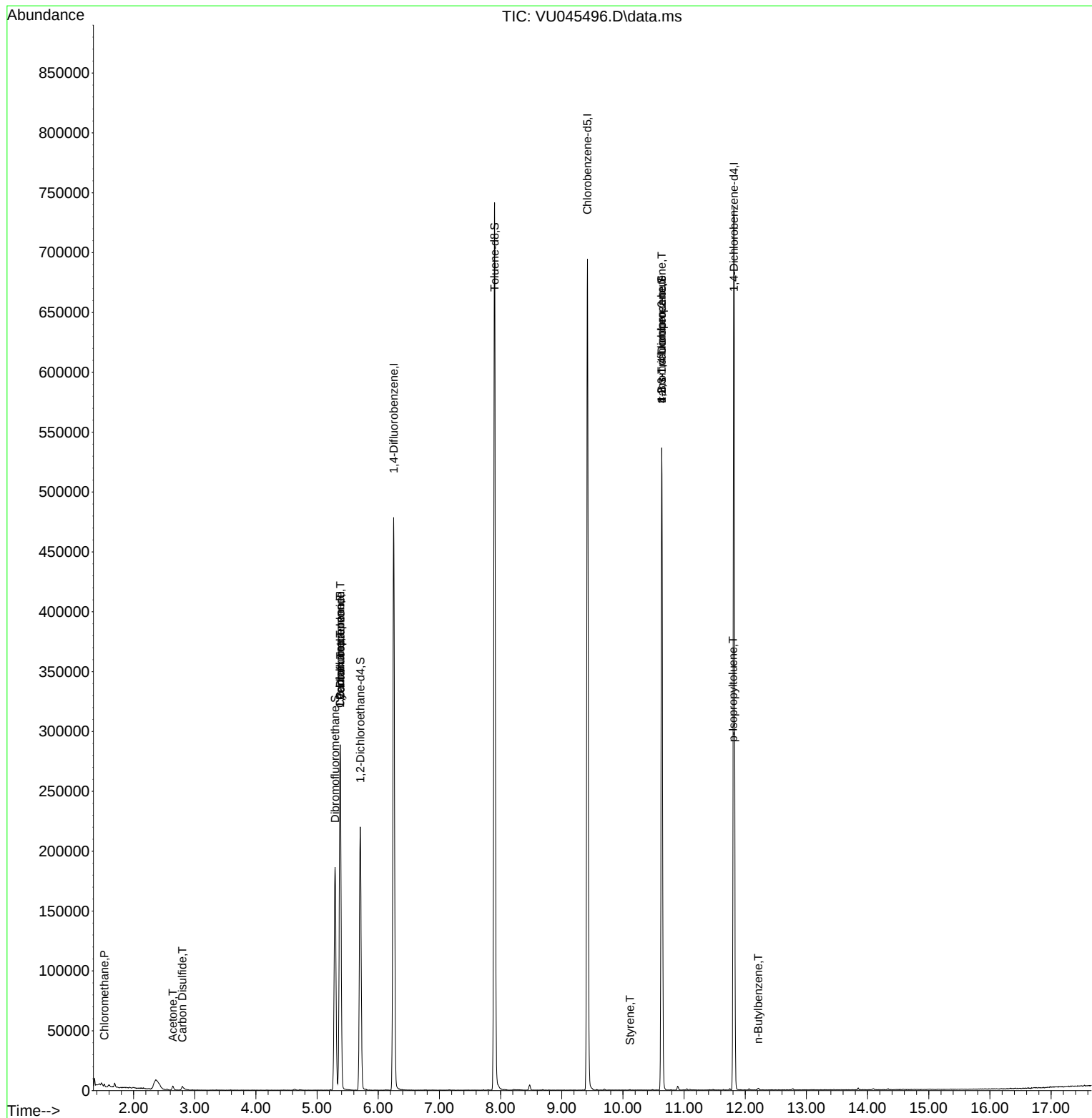
Internal Standards						
1) Pentafluorobenzene	5.378	168	192444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	380483	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	369283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	180578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	161860	51.662	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.320%	
35) Dibromofluoromethane	5.295	113	121492	50.218	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.440%	
50) Toluene-d8	7.902	98	487959	51.435	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.860%	
62) 4-Bromofluorobenzene	10.635	95	185834	51.405	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	939	0.245	ug/l	90
16) Acetone	2.642	43	4311	3.031	ug/l	98
17) Carbon Disulfide	2.797	76	1737	0.271	ug/l #	75
31) Cyclohexane	5.375	56	4924	1.056	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	17432	4.813	ug/l #	49
38) Carbon Tetrachloride	5.378	117	19440	6.154	ug/l #	15
70) Styrene	10.118	104	187	0.997	ug/l #	55
76) 1,2,3-Trichloropropane	10.635	75	95905	19.933	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	95905	55.375	ug/l #	12
86) p-Isopropyltoluene	11.799	119	394	0.222	ug/l #	1
89) n-Butylbenzene	12.211	91	702	0.999	ug/l #	76

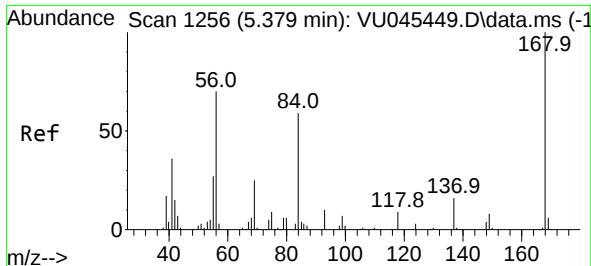
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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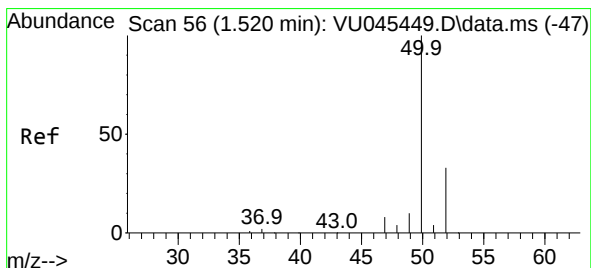
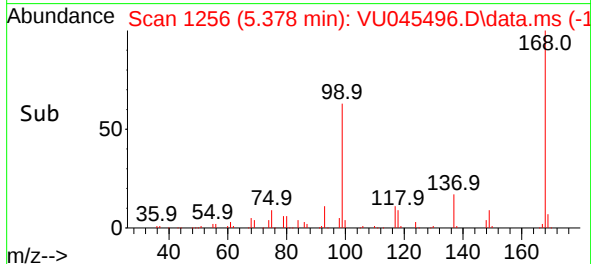
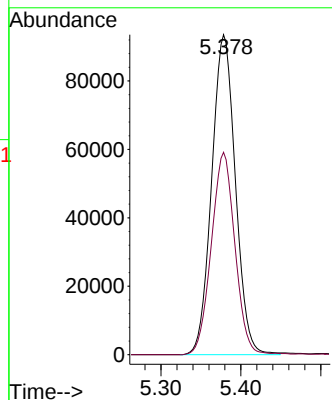
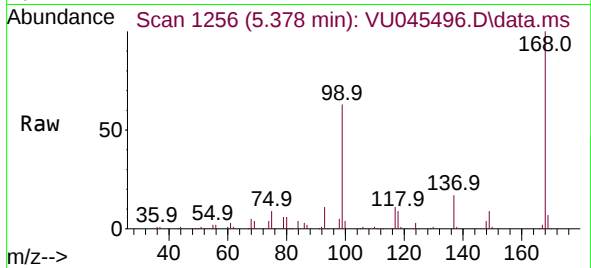




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU045496.D
Acq: 01 Nov 2021 18:53

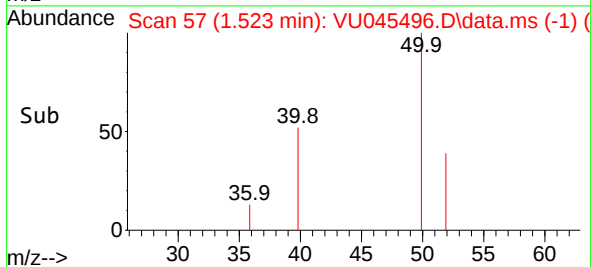
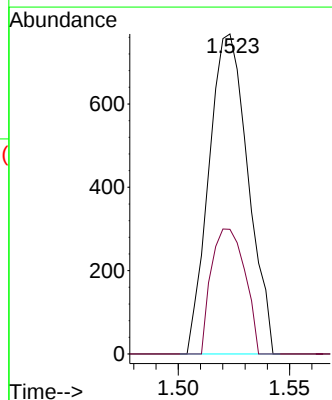
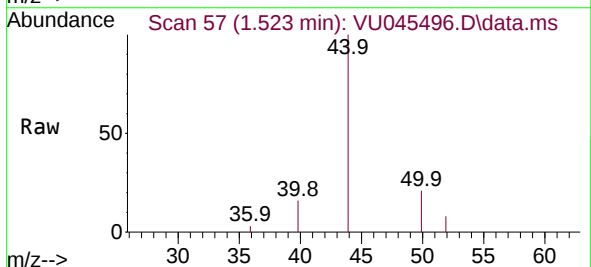
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-358-360

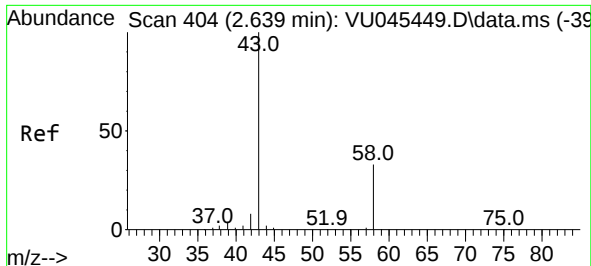
Tgt Ion:168 Resp: 192444
Ion Ratio Lower Upper
168 100
99 63.3 51.0 76.6



#3
Chloromethane
Concen: 0.245 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU045496.D
Acq: 01 Nov 2021 18:53

Tgt Ion: 50 Resp: 939
Ion Ratio Lower Upper
50 100
52 38.9 26.6 40.0

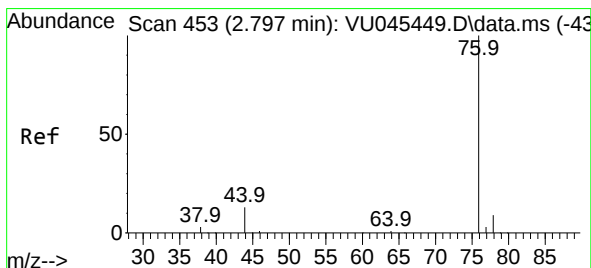
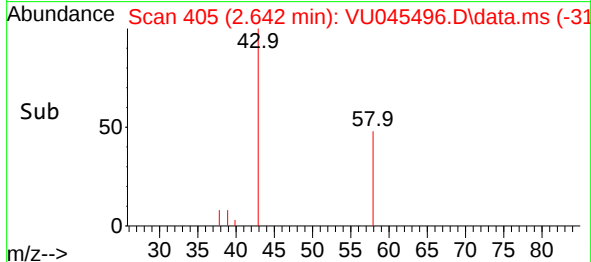
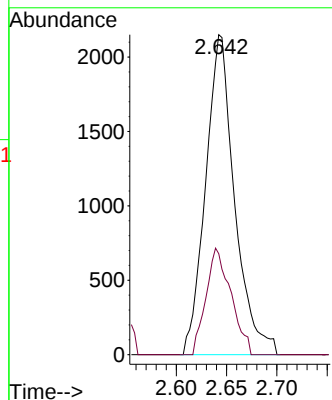
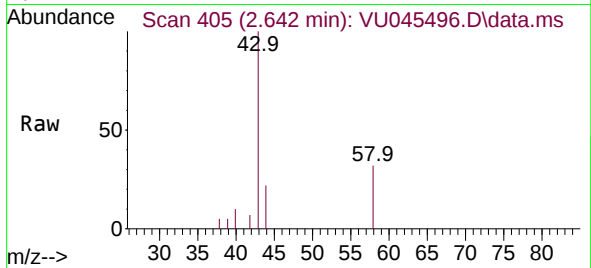




#16
Acetone
Concen: 3.031 ug/l
RT: 2.642 min Scan# 404
Delta R.T. 0.003 min
Lab File: VU045496.D
Acq: 01 Nov 2021 18:53

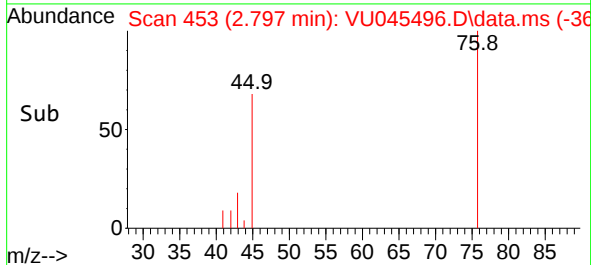
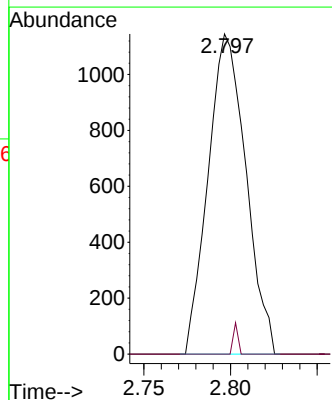
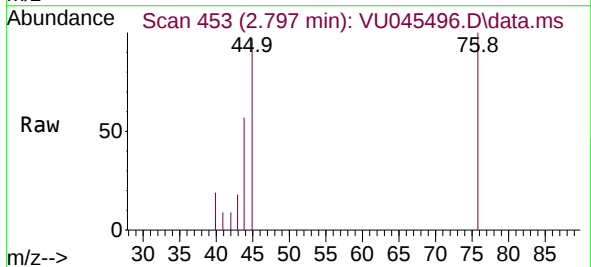
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-358-360

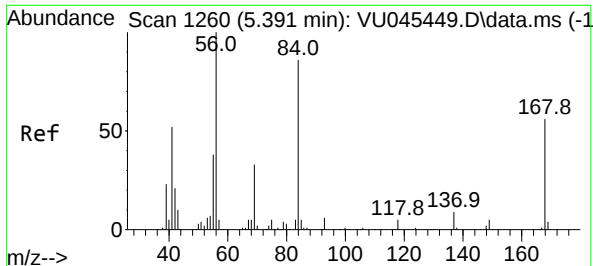
Tgt Ion: 43 Resp: 4311
Ion Ratio Lower Upper
43 100
58 31.5 26.2 39.2



#17
Carbon Disulfide
Concen: 0.271 ug/l
RT: 2.797 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU045496.D
Acq: 01 Nov 2021 18:53

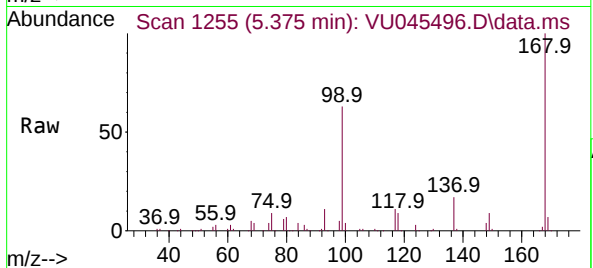
Tgt Ion: 76 Resp: 1737
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



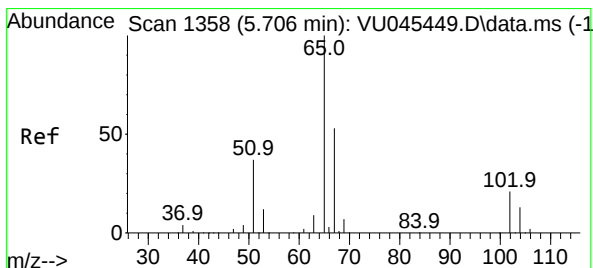
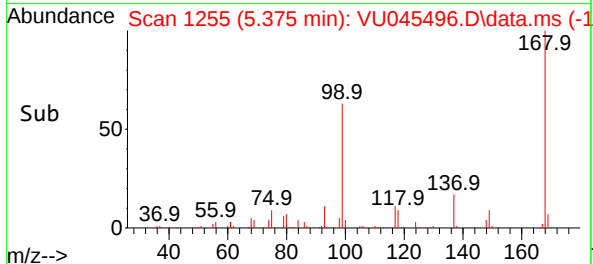
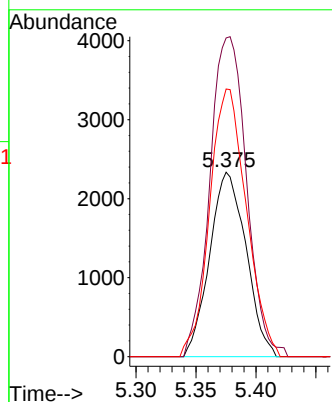


#31
Cyclohexane
Concen: 1.056 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU045496.D
Acq: 01 Nov 2021 18:53

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-358-360

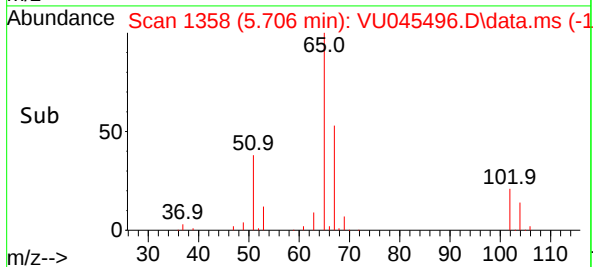
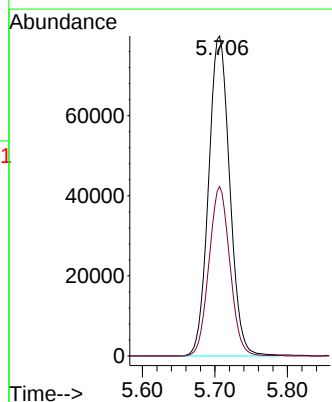
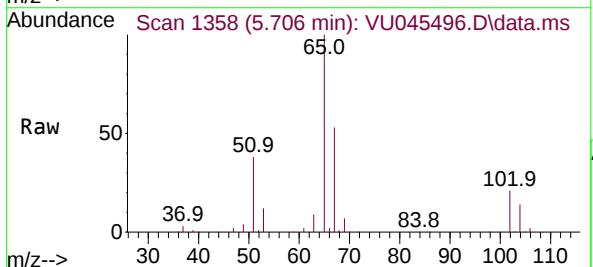


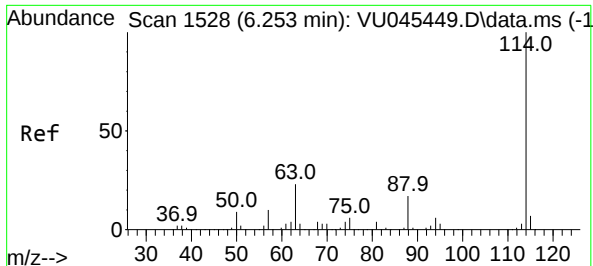
Tgt Ion: 56 Resp: 4924
Ion Ratio Lower Upper
56 100
69 172.8 26.4 39.6#
84 145.1 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 51.662 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VU045496.D
Acq: 01 Nov 2021 18:53

Tgt Ion: 65 Resp: 161860
Ion Ratio Lower Upper
65 100
67 52.3 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: VU045496.D

Acq: 01 Nov 2021 18:53

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-358-360

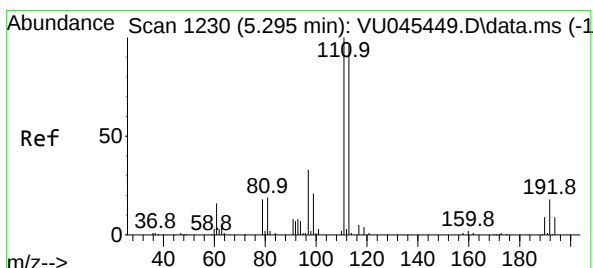
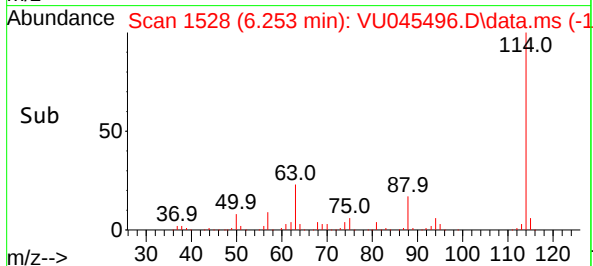
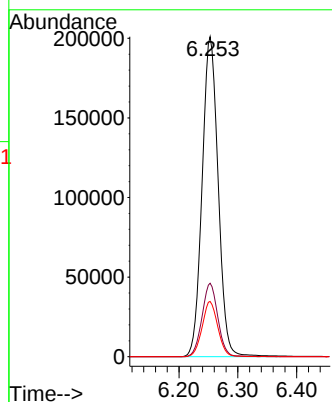
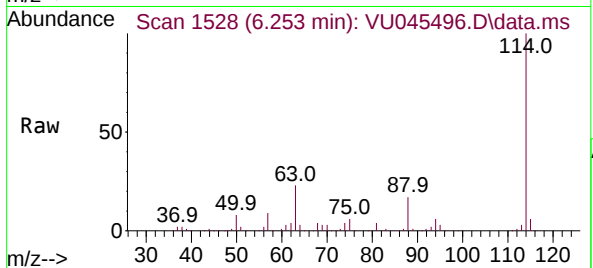
Tgt Ion:114 Resp: 380483

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

88 17.3 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.218 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VU045496.D

Acq: 01 Nov 2021 18:53

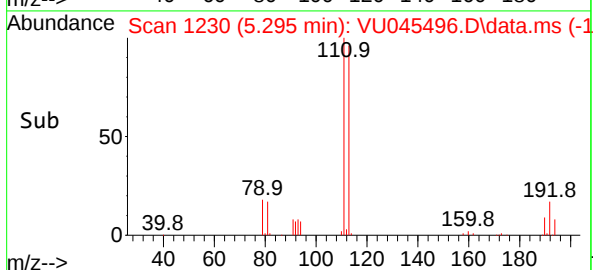
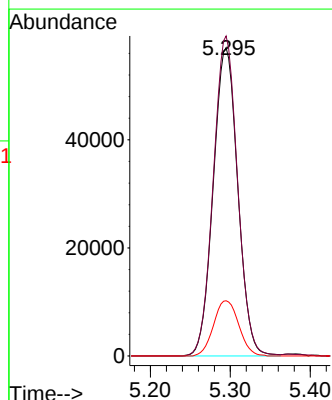
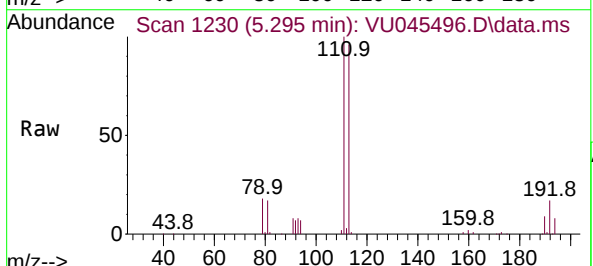
Tgt Ion:113 Resp: 121492

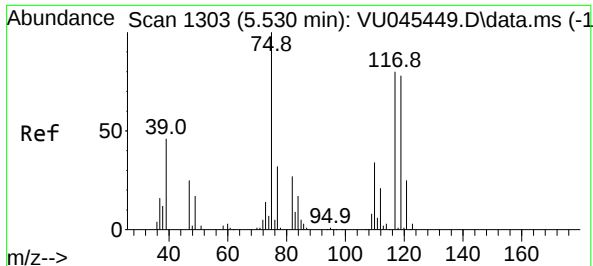
Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 18.4 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.813 ug/l

RT: 5.375 min Scan# 11

Delta R.T. -0.154 min

Lab File: VU045496.D

Acq: 01 Nov 2021 18:53

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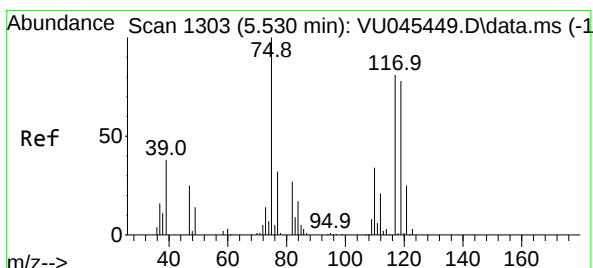
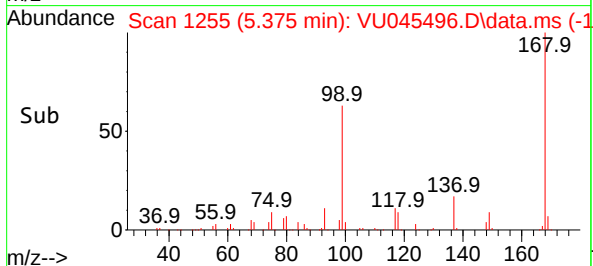
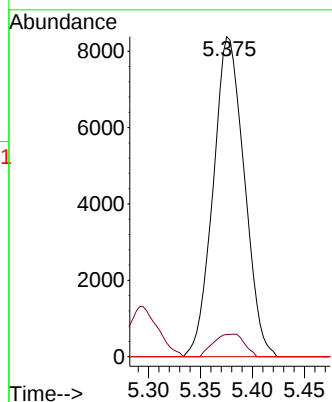
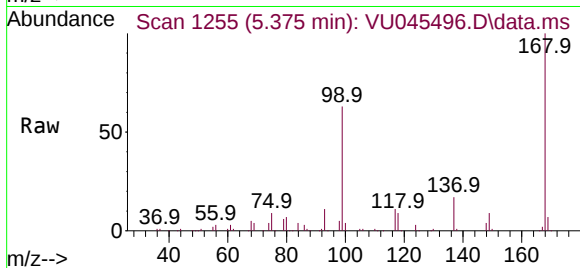
Tgt Ion: 75 Resp: 17432

Ion Ratio Lower Upper

75 100

110 7.0 16.7 50.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.154 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.151 min

Lab File: VU045496.D

Acq: 01 Nov 2021 18:53

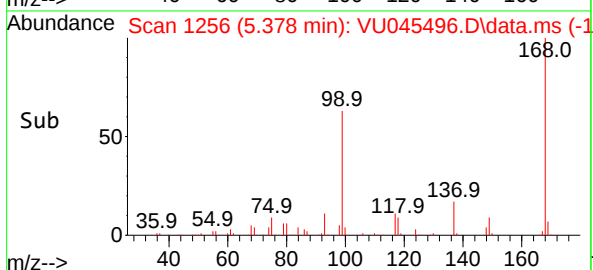
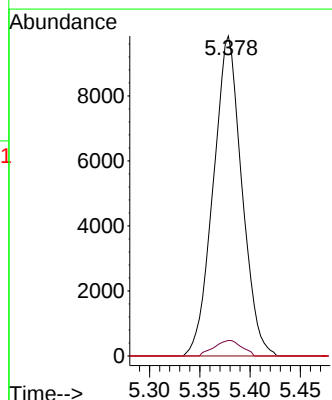
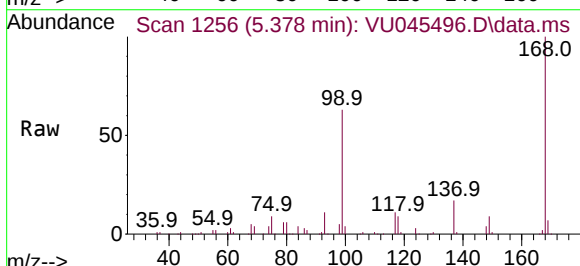
Tgt Ion: 117 Resp: 19440

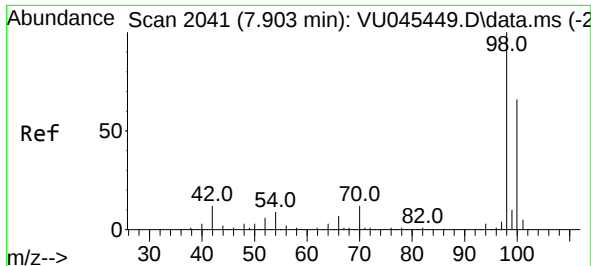
Ion Ratio Lower Upper

117 100

119 4.8 77.4 116.0#

121 0.0 24.8 37.2#

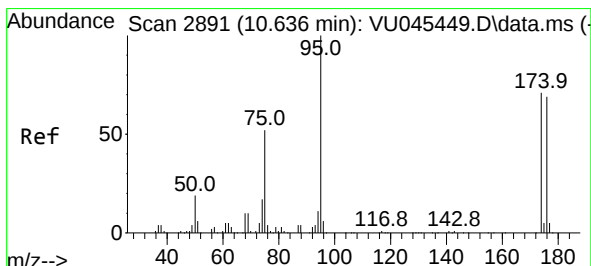
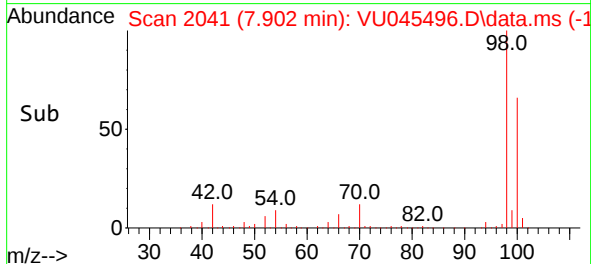
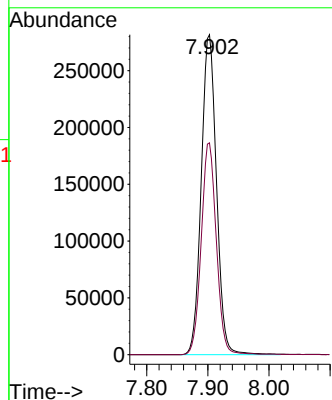
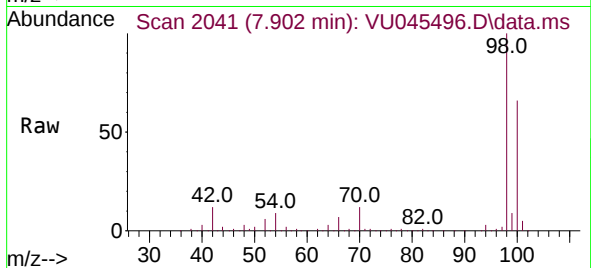




#50
Toluene-d8
Concen: 51.435 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VU045496.D
Acq: 01 Nov 2021 18:53

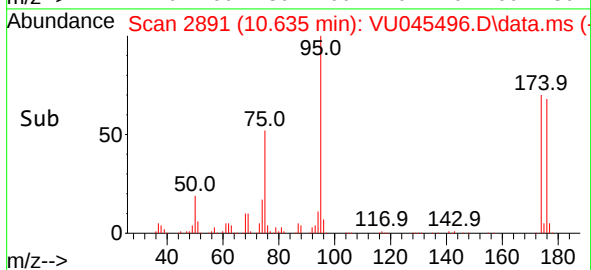
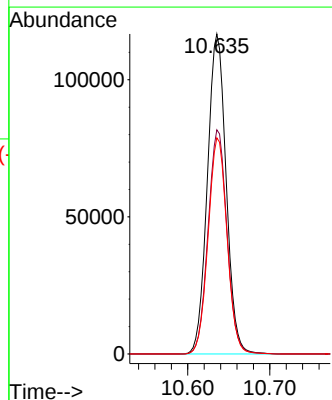
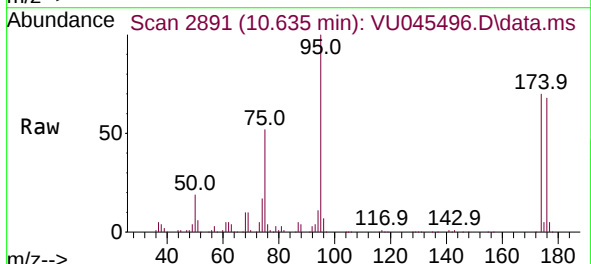
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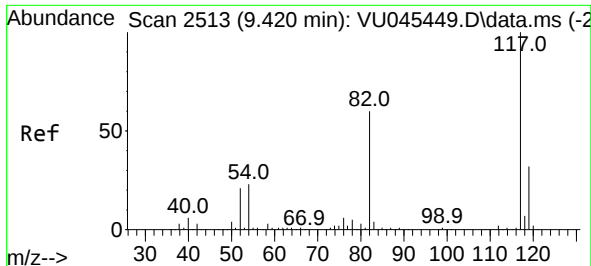
Tgt Ion: 98 Resp: 487959
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.405 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU045496.D
Acq: 01 Nov 2021 18:53

Tgt Ion: 95 Resp: 185834
Ion Ratio Lower Upper
95 100
174 70.7 0.0 141.8
176 67.9 0.0 138.2

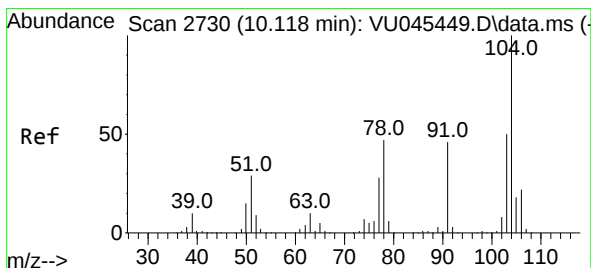
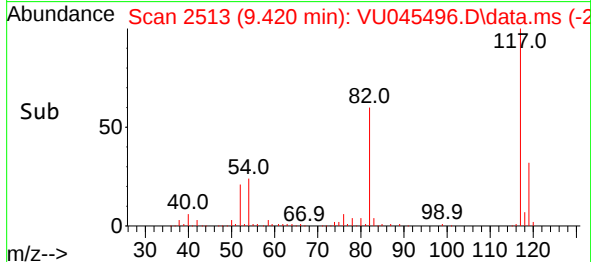
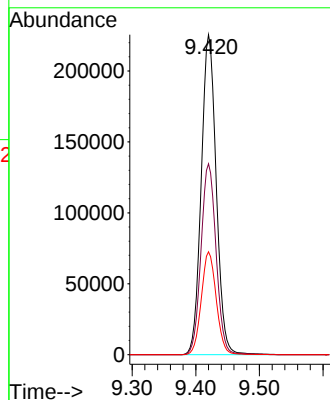
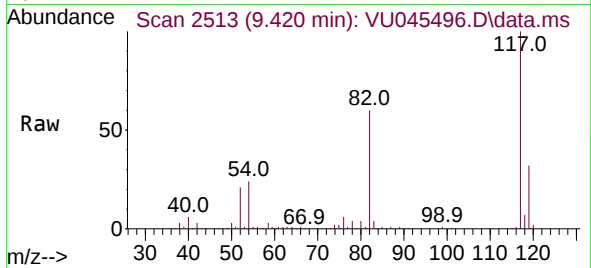




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045496.D
Acq: 01 Nov 2021 18:53

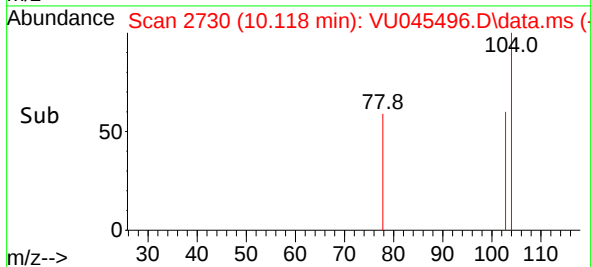
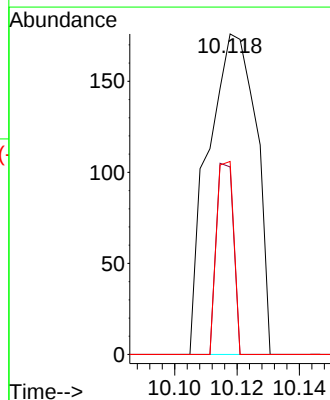
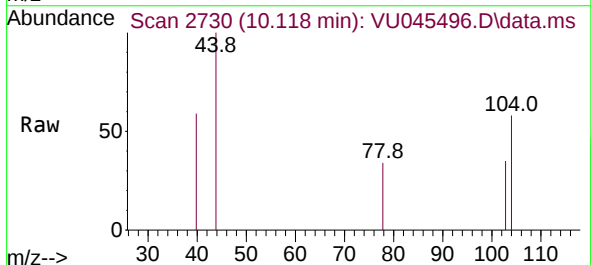
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-358-360

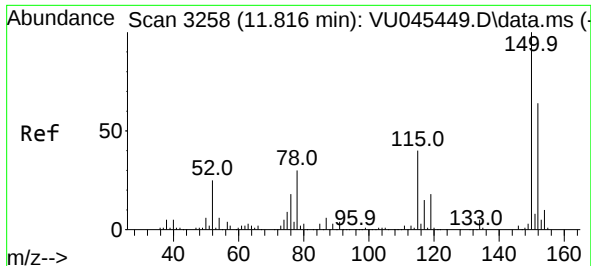
Tgt Ion:117 Resp: 369283
Ion Ratio Lower Upper
117 100
82 59.6 47.8 71.8
119 32.2 25.8 38.8



#70
Styrene
Concen: 0.997 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045496.D
Acq: 01 Nov 2021 18:53

Tgt Ion:104 Resp: 187
Ion Ratio Lower Upper
104 100
78 21.4 41.8 62.6#
103 21.9 43.8 65.6#

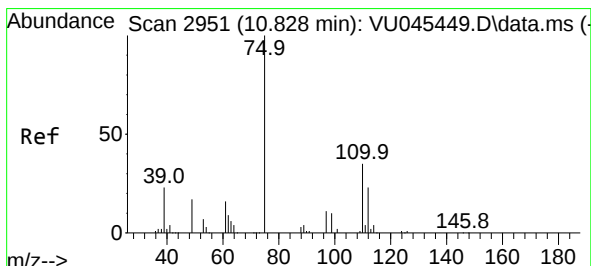
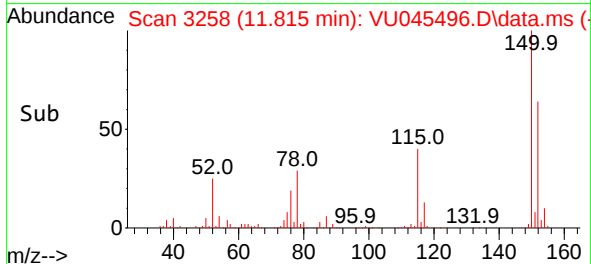
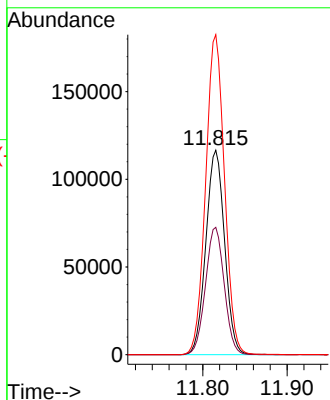
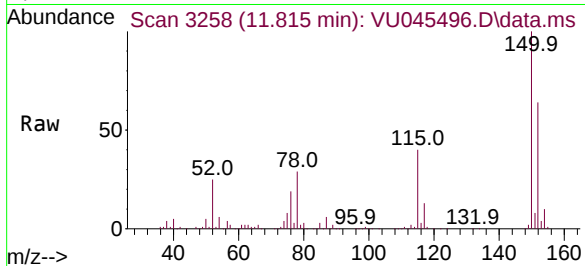




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU045496.D
Acq: 01 Nov 2021 18:53

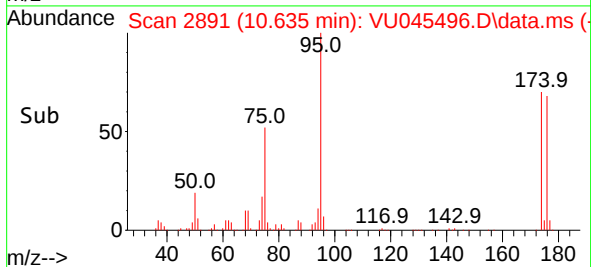
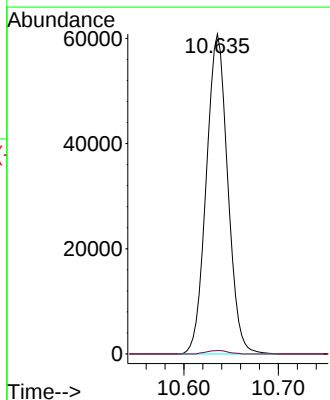
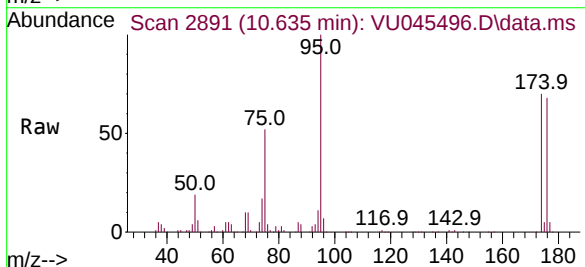
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-358-360

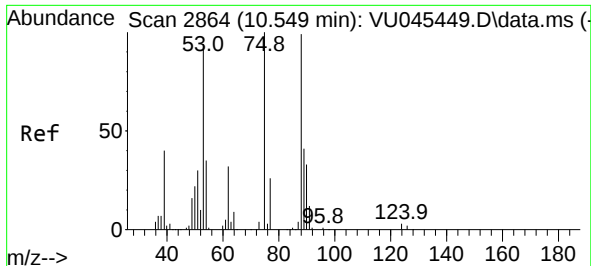
Tgt Ion:152 Resp: 180578
Ion Ratio Lower Upper
152 100
115 62.2 42.7 128.1
150 157.0 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 19.933 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU045496.D
Acq: 01 Nov 2021 18:53

Tgt Ion: 75 Resp: 95905
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#

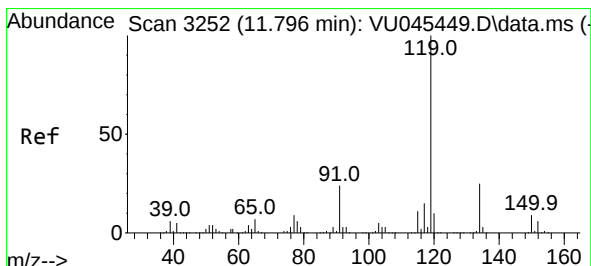
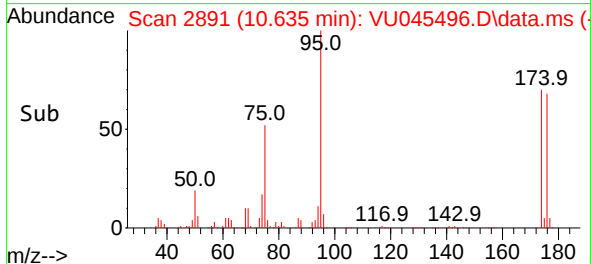
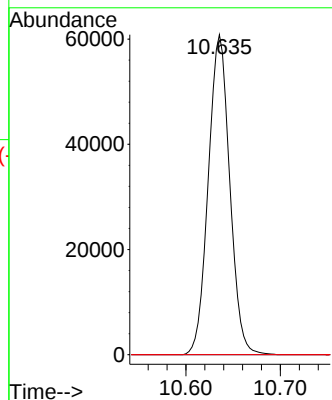
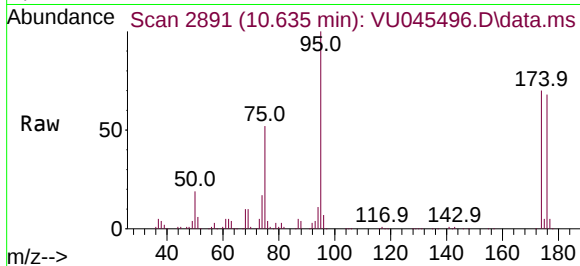




#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.375 ug/l
 RT: 10.635 min Scan# 21
 Delta R.T. 0.086 min
 Lab File: VU045496.D
 Acq: 01 Nov 2021 18:53

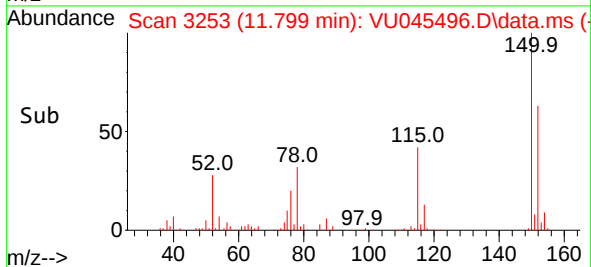
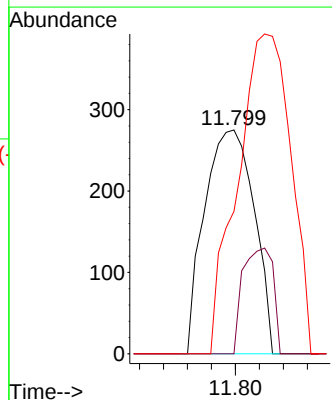
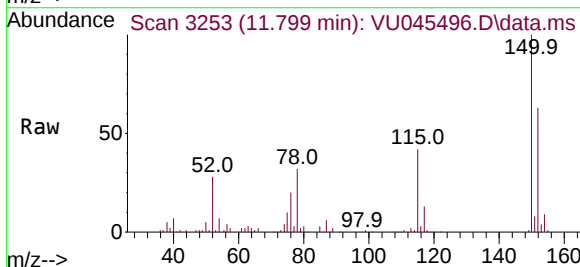
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-GW-358-360

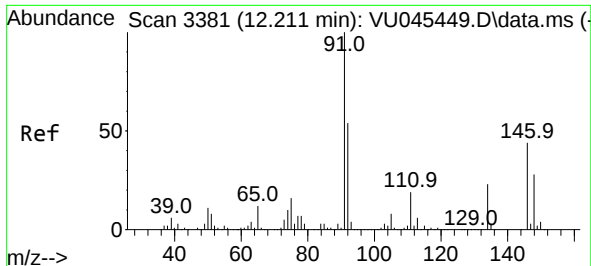
Tgt Ion: 75 Resp: 95905
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.2 114.4#
 89 0.0 34.0 51.0#



#86
 p-Isopropyltoluene
 Concen: 0.222 ug/l
 RT: 11.799 min Scan# 3253
 Delta R.T. 0.003 min
 Lab File: VU045496.D
 Acq: 01 Nov 2021 18:53

Tgt Ion: 119 Resp: 394
 Ion Ratio Lower Upper
 119 100
 134 28.7 12.7 38.1
 91 153.6 12.2 36.4#





#89

n-Butylbenzene

Concen: 0.999 ug/l

RT: 12.211 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU045496.D

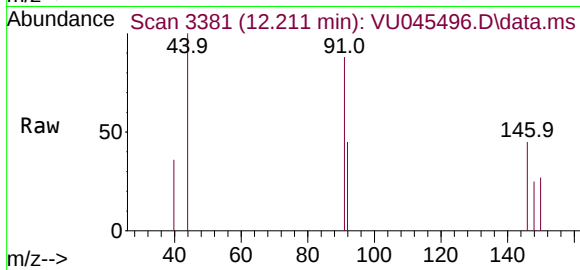
Acq: 01 Nov 2021 18:53

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-358-360



Tgt Ion: 91	Resp:	702
Ion	Ratio	Lower Upper
91	100	
92	42.5	27.1 81.2
134	3.1	11.8 35.4#

