

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045500.D
 Acq On : 01 Nov 2021 20:26
 Operator : SY/MD
 Sample : M4431-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-DUP-20211029

Quant Time: Nov 02 07:37:21 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)

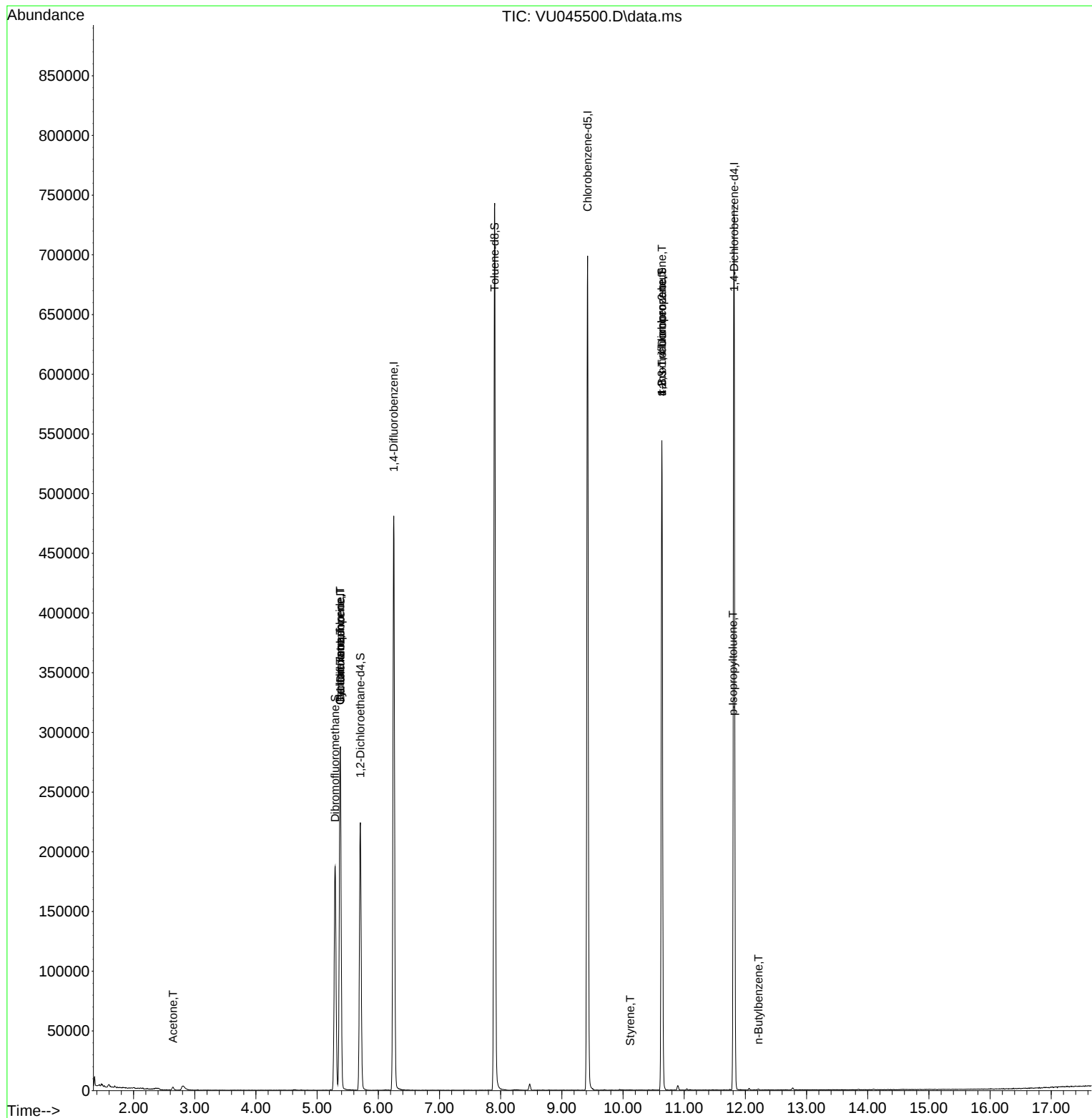
Internal Standards						
1) Pentafluorobenzene	5.379	168	193716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	383363	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	375003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	183229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	165221	52.389	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.780%		
35) Dibromofluoromethane	5.295	113	122433	50.227	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.460%		
50) Toluene-d8	7.903	98	490919	51.358	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 102.720%		
62) 4-Bromofluorobenzene	10.636	95	186487	51.198	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 102.400%		
Target Compounds						
16) Acetone	2.646	43	3447	2.408	ug/l	Qvalue 95
31) Cyclohexane	5.375	56	4595	0.979	ug/l #	1
36) 1,1-Dichloropropene	5.379	75	17767	4.869	ug/l #	48
38) Carbon Tetrachloride	5.375	117	20070	6.306	ug/l #	17
70) Styrene	10.118	104	113	0.989	ug/l #	25
76) 1,2,3-Trichloropropane	10.636	75	95645	19.592	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.636	75	95645	54.473	ug/l #	12
86) p-Isopropyltoluene	11.800	119	202	0.205	ug/l #	1
89) n-Butylbenzene	12.214	91	304	0.964	ug/l #	71

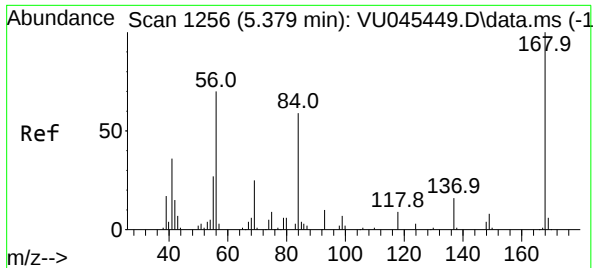
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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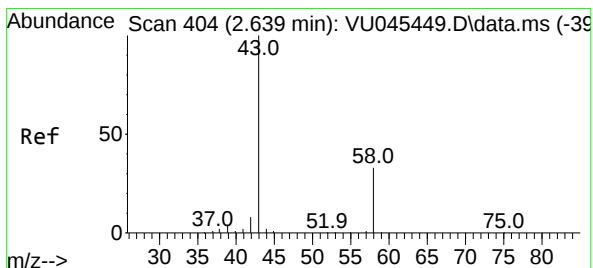
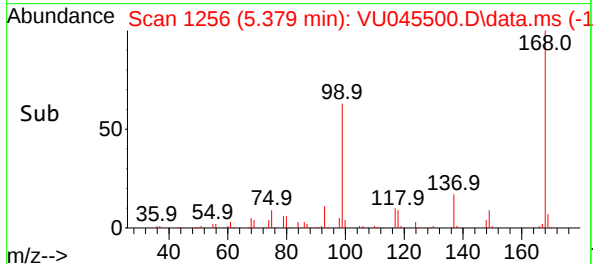
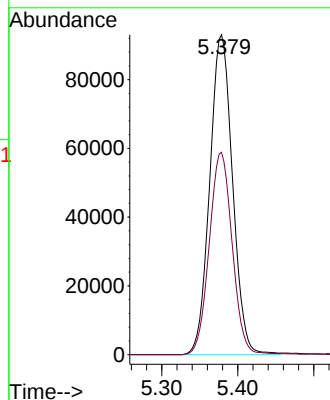
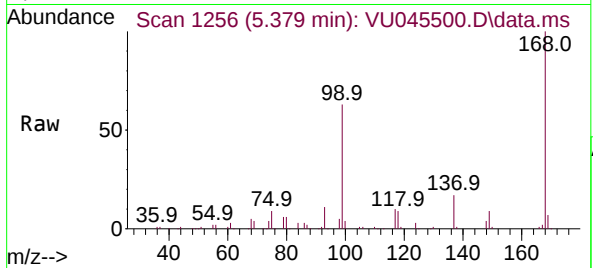




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045500.D
Acq: 01 Nov 2021 20:26

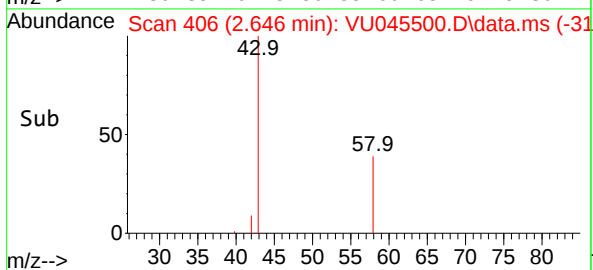
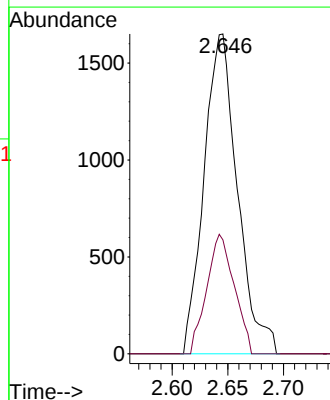
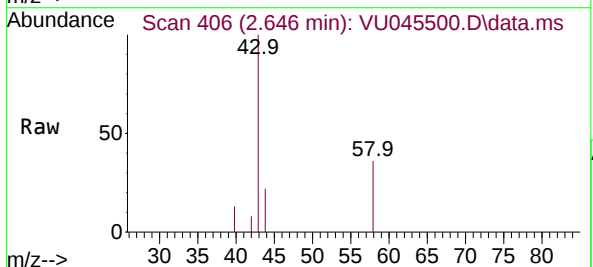
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-DUP-20211029

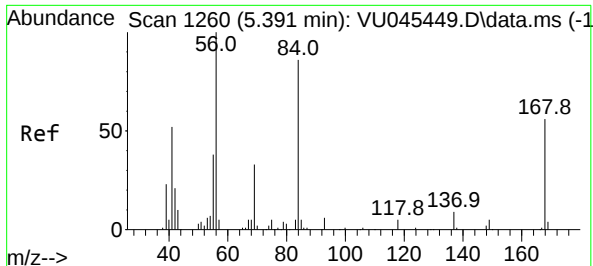
Tgt Ion:168 Resp: 193716
Ion Ratio Lower Upper
168 100
99 63.3 51.0 76.6



#16
Acetone
Concen: 2.408 ug/l
RT: 2.646 min Scan# 406
Delta R.T. 0.006 min
Lab File: VU045500.D
Acq: 01 Nov 2021 20:26

Tgt Ion: 43 Resp: 3447
Ion Ratio Lower Upper
43 100
58 35.6 26.2 39.2





#31

Cyclohexane

Concen: 0.979 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.016 min

Lab File: VU045500.D

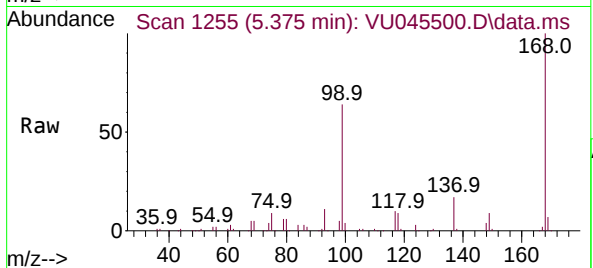
Acq: 01 Nov 2021 20:26

Instrument :

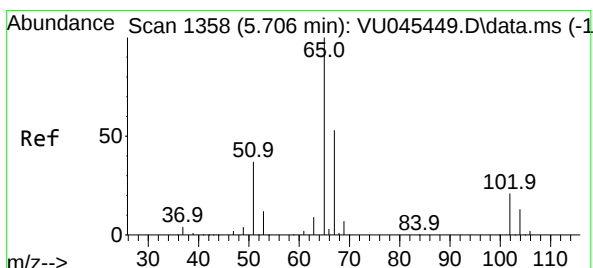
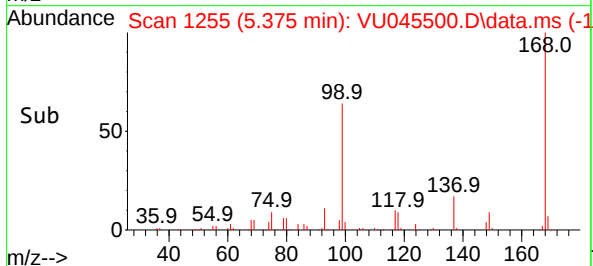
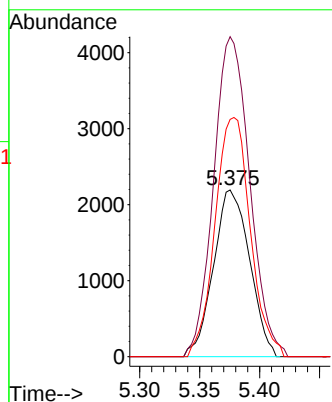
MSVOA_U

ClientSampleId :

BP-VPB-RW9-DUP-20211029



Tgt Ion: 56	Resp: 4595
Ion Ratio	Lower Upper
56	100
69	191.9 26.4 39.6#
84	142.3 68.4 102.6#



#33

1,2-Dichloroethane-d4

Concen: 52.389 ug/l

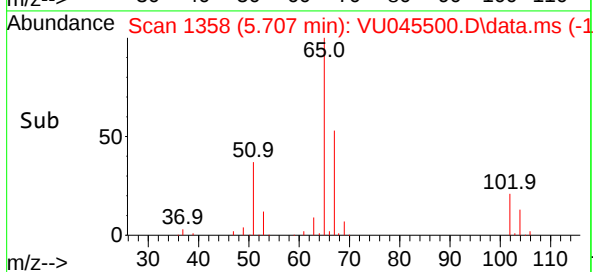
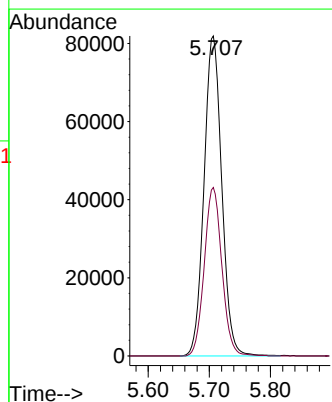
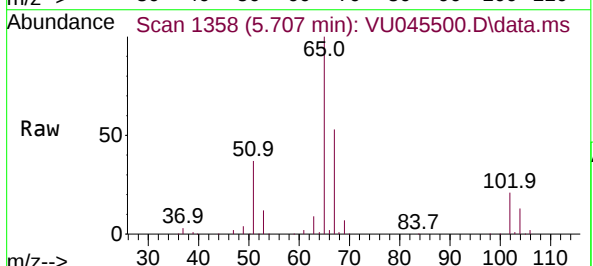
RT: 5.707 min Scan# 1358

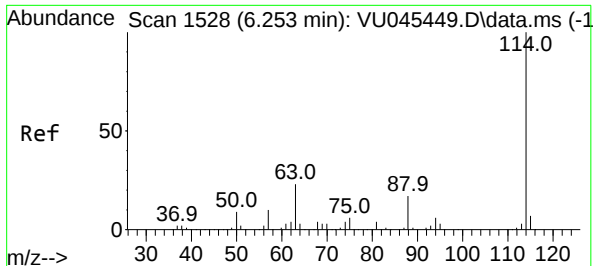
Delta R.T. 0.000 min

Lab File: VU045500.D

Acq: 01 Nov 2021 20:26

Tgt Ion: 65	Resp: 165221
Ion Ratio	Lower Upper
65	100
67	52.2 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: VU045500.D

Acq: 01 Nov 2021 20:26

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-DUP-20211029

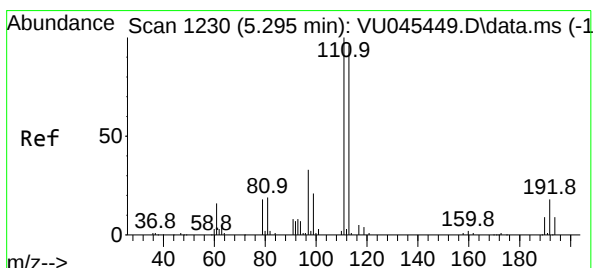
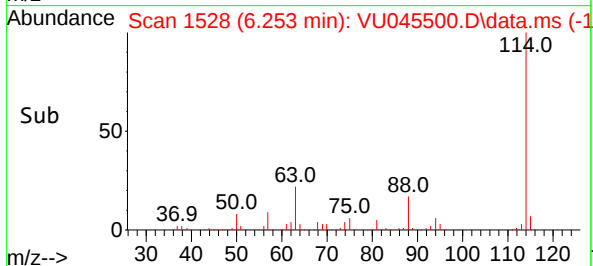
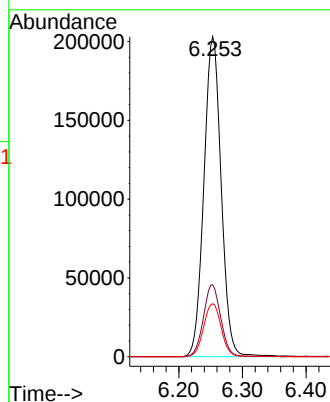
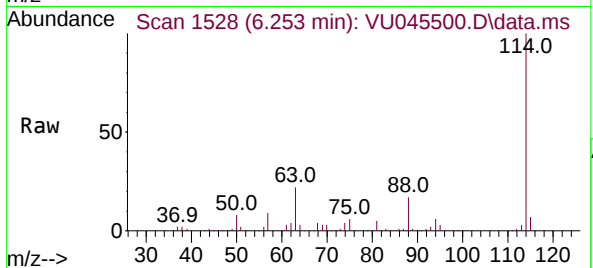
Tgt Ion:114 Resp: 383363

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

88 16.6 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.227 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VU045500.D

Acq: 01 Nov 2021 20:26

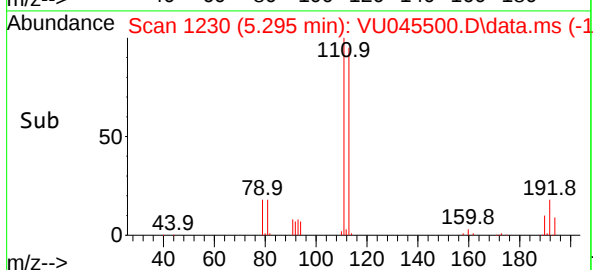
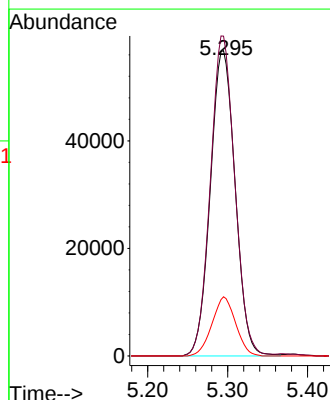
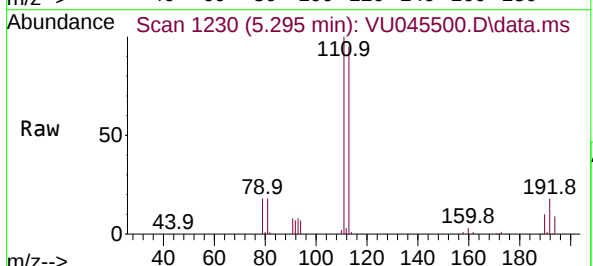
Tgt Ion:113 Resp: 122433

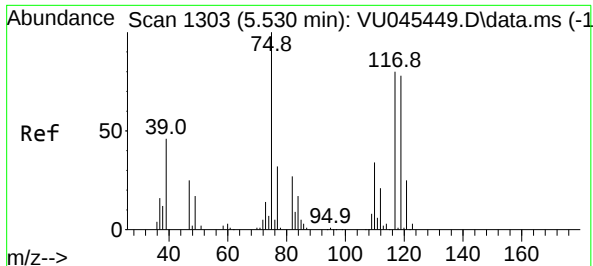
Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

192 18.4 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.869 ug/l

RT: 5.379 min Scan# 11

Delta R.T. -0.151 min

Lab File: VU045500.D

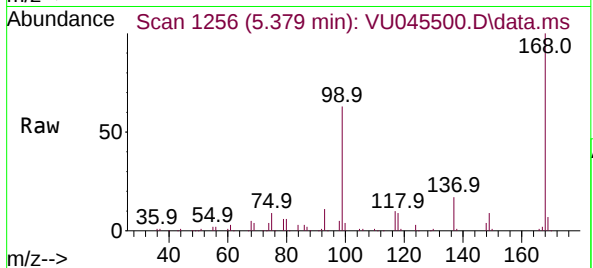
Acq: 01 Nov 2021 20:26

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-DUP-20211029



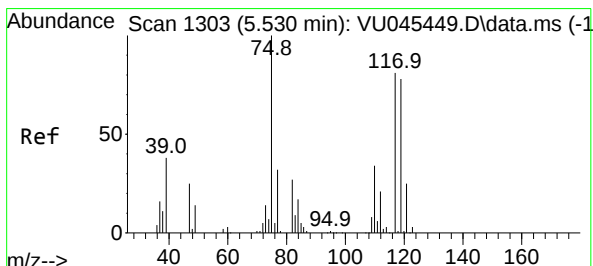
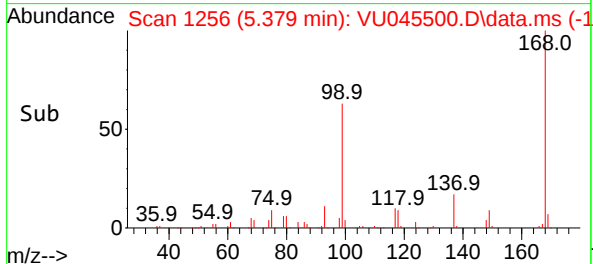
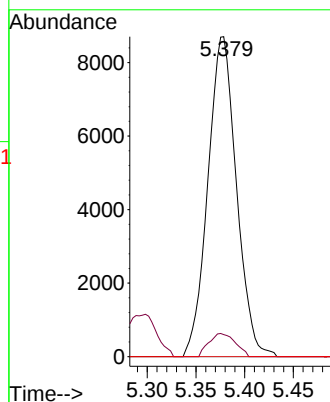
Tgt Ion: 75 Resp: 17767

Ion Ratio Lower Upper

75 100

110 6.7 16.7 50.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.306 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU045500.D

Acq: 01 Nov 2021 20:26

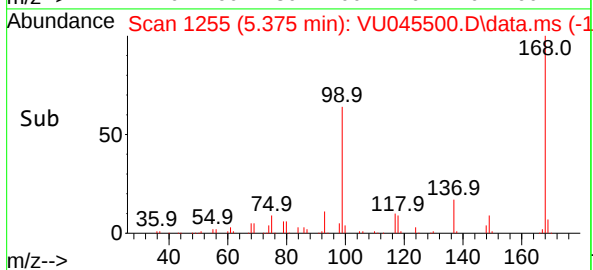
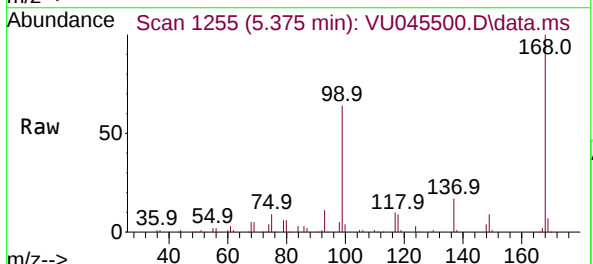
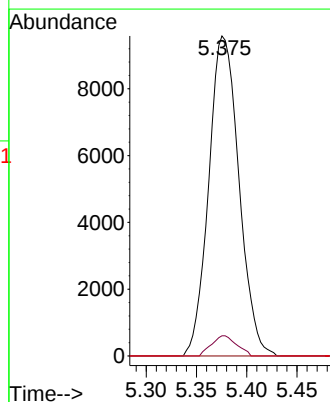
Tgt Ion: 117 Resp: 20070

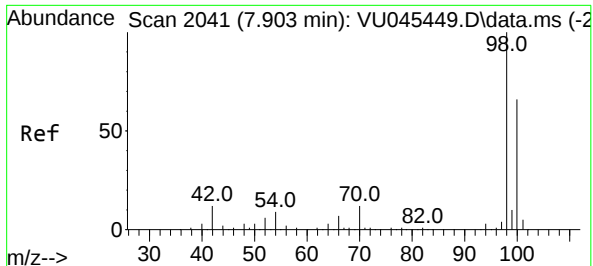
Ion Ratio Lower Upper

117 100

119 6.3 77.4 116.0#

121 0.0 24.8 37.2#

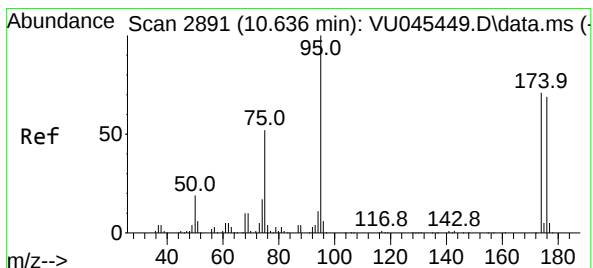
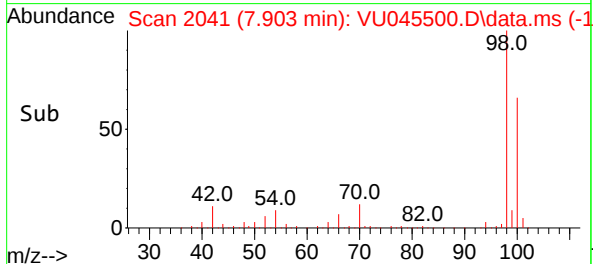
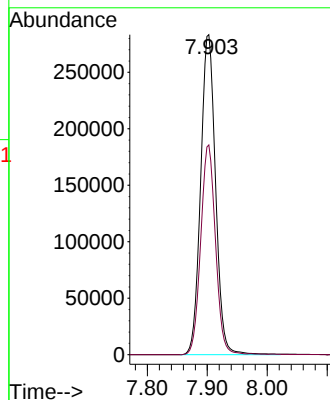
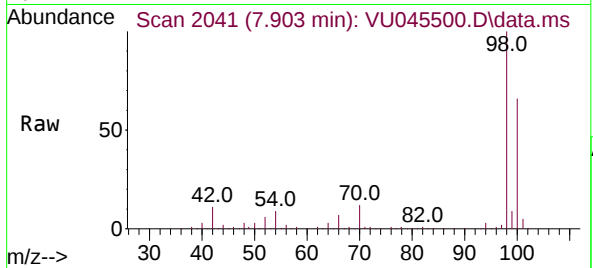




#50
Toluene-d8
Concen: 51.358 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045500.D
Acq: 01 Nov 2021 20:26

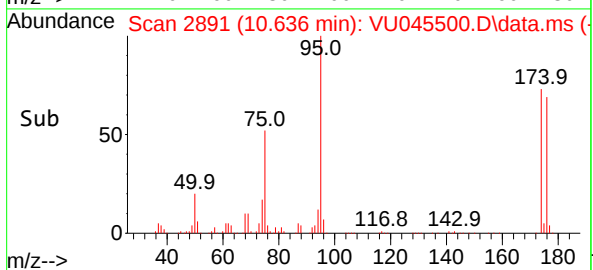
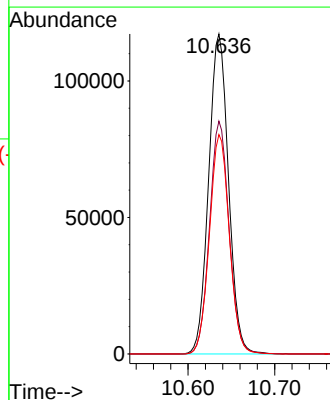
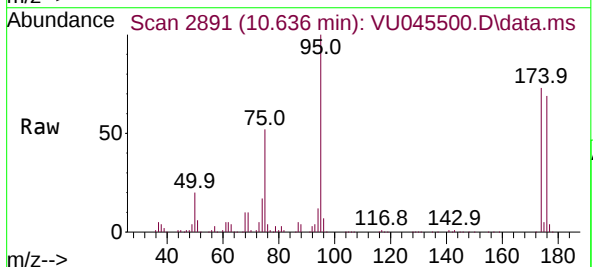
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ClientSampleId : BP-VPB-RW9-DUP-20211029

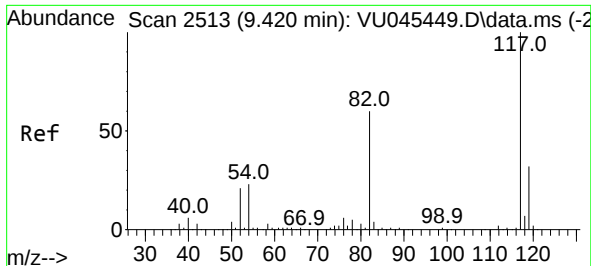
Tgt Ion: 98 Resp: 490919
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.198 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045500.D
Acq: 01 Nov 2021 20:26

Tgt Ion: 95 Resp: 186487
Ion Ratio Lower Upper
95 100
174 71.9 0.0 141.8
176 68.7 0.0 138.2

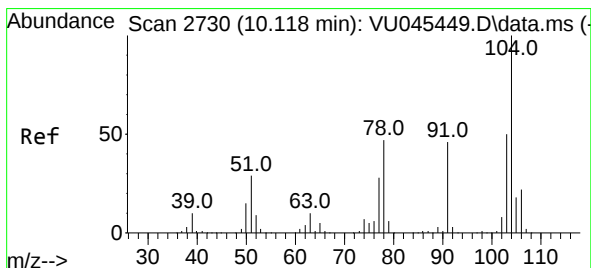
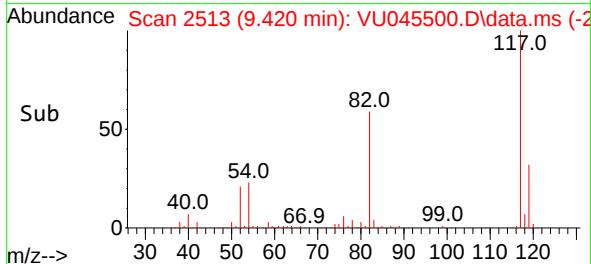
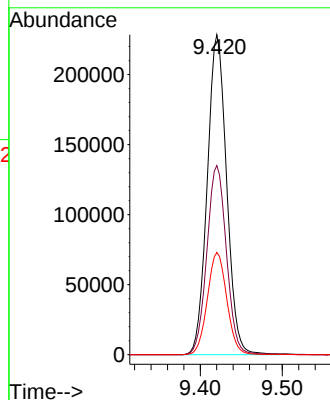
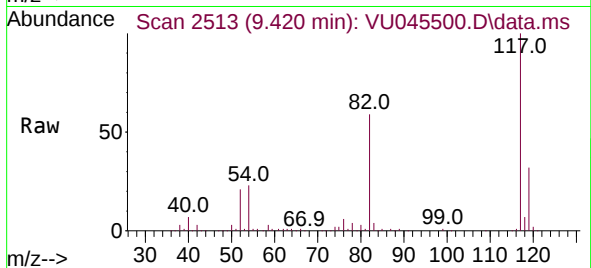




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045500.D
Acq: 01 Nov 2021 20:26

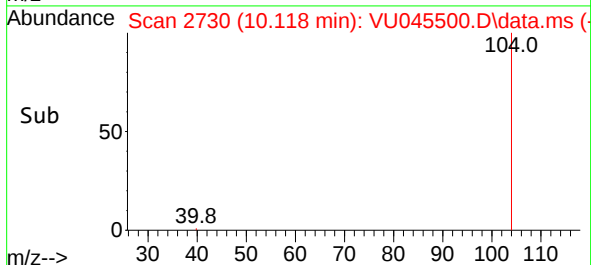
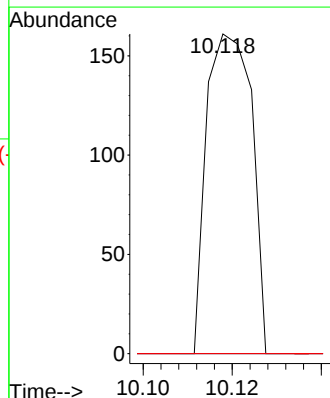
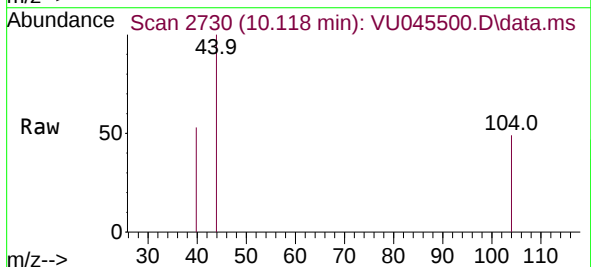
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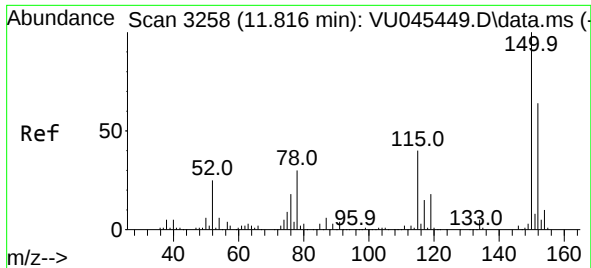
Tgt Ion:117 Resp: 375003
Ion Ratio Lower Upper
117 100
82 59.1 47.8 71.8
119 32.0 25.8 38.8



#70
Styrene
Concen: 0.989 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045500.D
Acq: 01 Nov 2021 20:26

Tgt Ion:104 Resp: 113
Ion Ratio Lower Upper
104 100
78 0.0 41.8 62.6#
103 0.0 43.8 65.6#

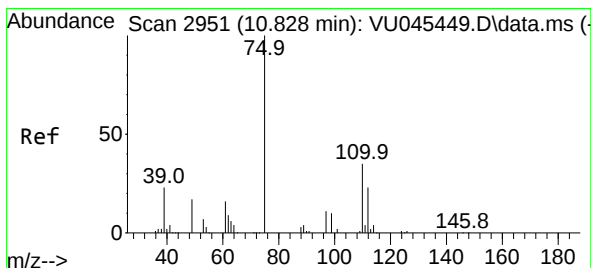
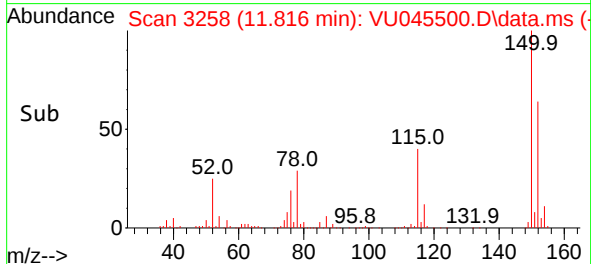
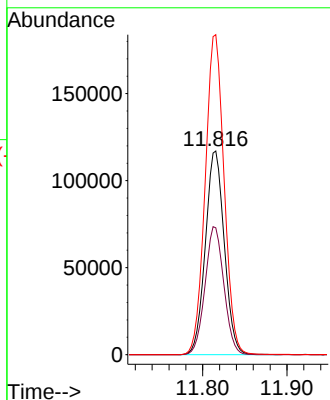
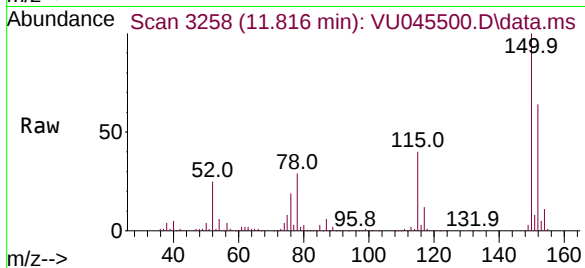




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU045500.D
Acq: 01 Nov 2021 20:26

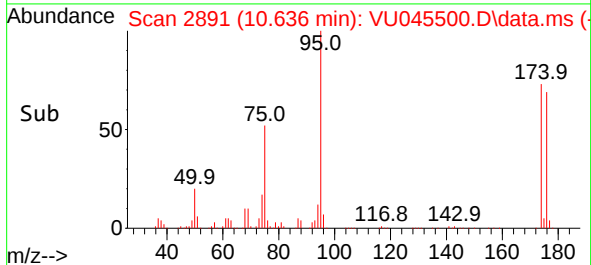
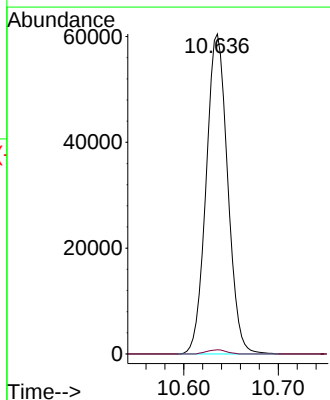
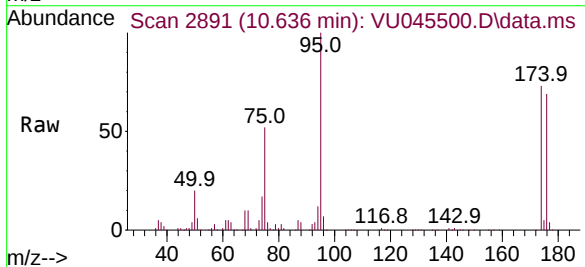
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-DUP-20211029

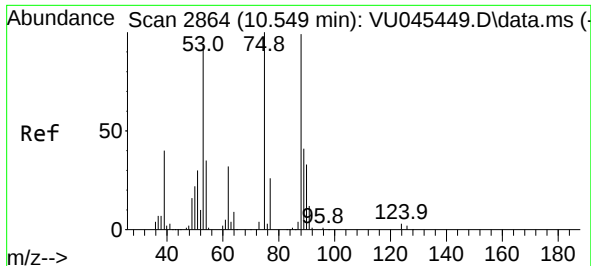
Tgt Ion:152 Resp: 183229
Ion Ratio Lower Upper
152 100
115 62.4 42.7 128.1
150 157.0 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 19.592 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU045500.D
Acq: 01 Nov 2021 20:26

Tgt Ion: 75 Resp: 95645
Ion Ratio Lower Upper
75 100
77 1.2 17.1 51.3#

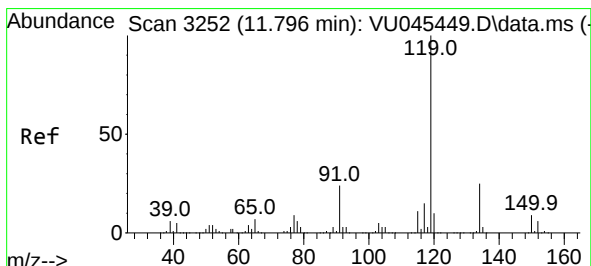
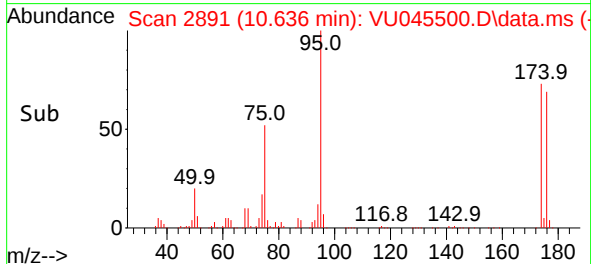
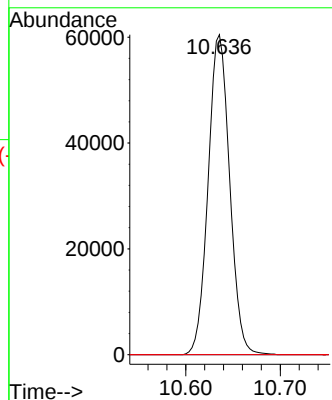
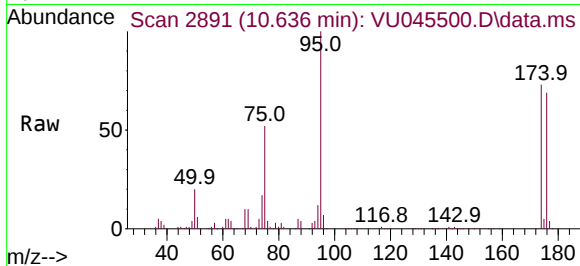




#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.473 ug/l
 RT: 10.636 min Scan# 21
 Delta R.T. 0.087 min
 Lab File: VU045500.D
 Acq: 01 Nov 2021 20:26

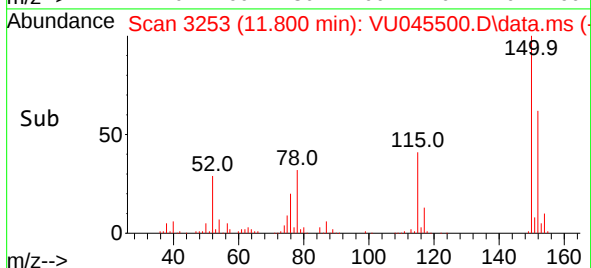
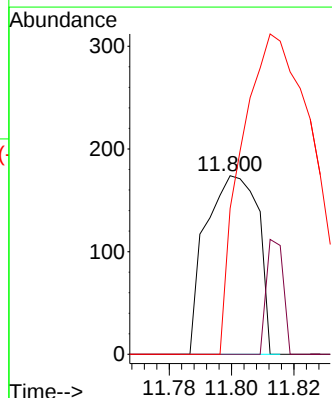
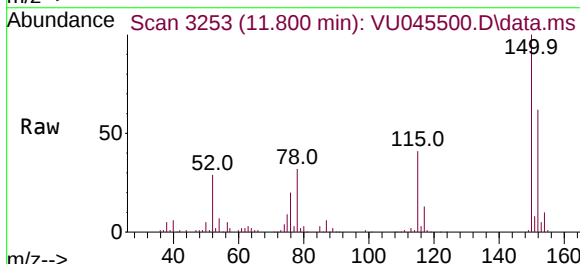
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-DUP-20211029

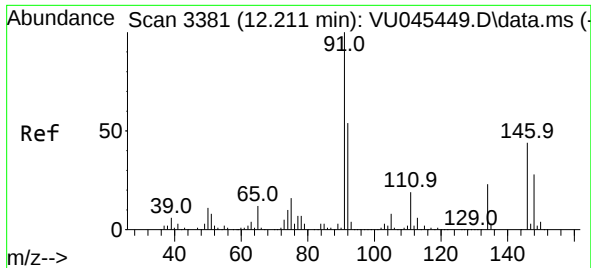
Tgt Ion: 75 Resp: 95645
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.2 114.4#
 89 0.0 34.0 51.0#



#86
 p-Isopropyltoluene
 Concen: 0.205 ug/l
 RT: 11.800 min Scan# 3253
 Delta R.T. 0.004 min
 Lab File: VU045500.D
 Acq: 01 Nov 2021 20:26

Tgt Ion: 119 Resp: 202
 Ion Ratio Lower Upper
 119 100
 134 20.8 12.7 38.1
 91 241.6 12.2 36.4#





#89

n-Butylbenzene

Concen: 0.964 ug/l

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU045500.D

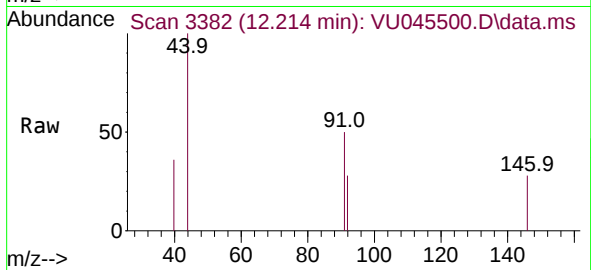
Acq: 01 Nov 2021 20:26

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-DUP-20211029



Tgt Ion:	91	Resp:	304
Ion	Ratio	Lower	Upper
91	100		
92	39.8	27.1	81.2
134	0.0	11.8	35.4#

