

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
 Data File : VU028396.D
 Acq On : 29 Nov 2018 16:10
 Operator : MD/SY
 Sample : J6117-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 W-1

Quant Time: Nov 30 11:38:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	248853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	467880	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	437333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	206939	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	218211	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
35) Dibromofluoromethane	4.88	113	158404	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
50) Toluene-d8	7.57	98	617931	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	10.31	95	225758	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	

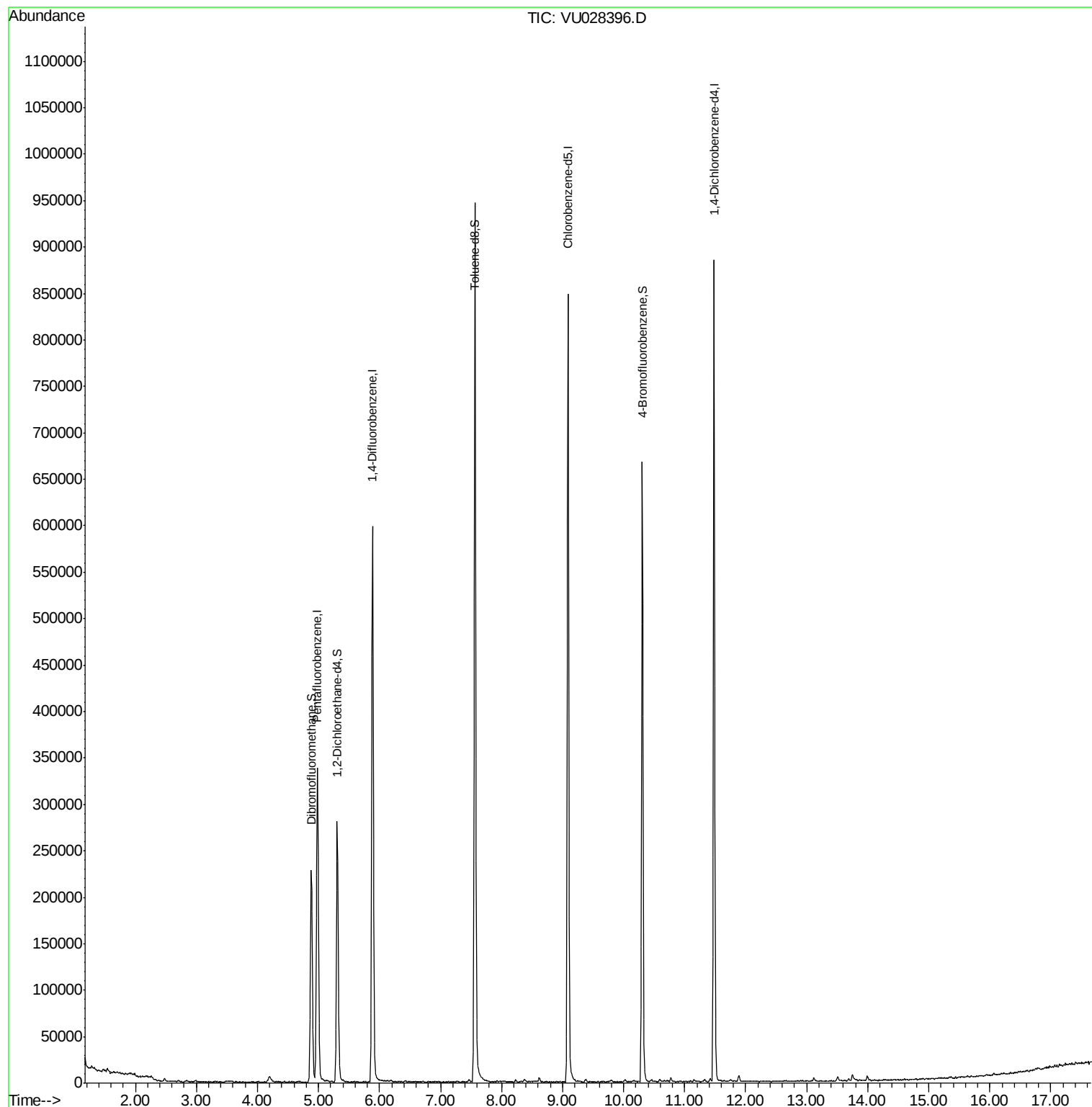
Target Compounds	Qvalue
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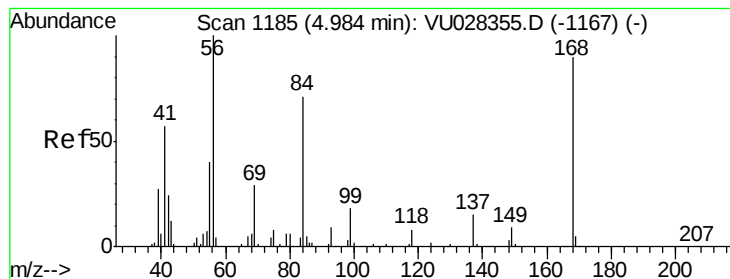
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028396.D

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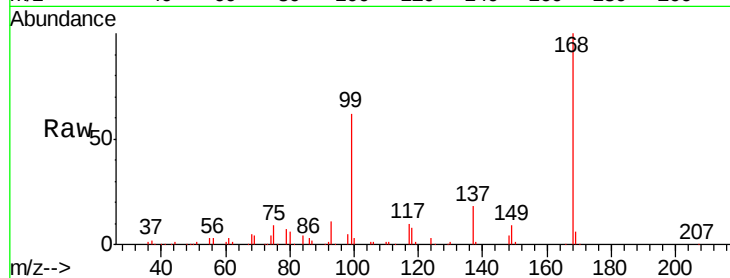
Instrument :
MSVOA_U
ClientSampleId :
W-1

Tgt Ion: 168 Resp: 248853

Ion Ratio Lower Upper

168 100

99 61.6 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)

4.98

120000

100000

80000

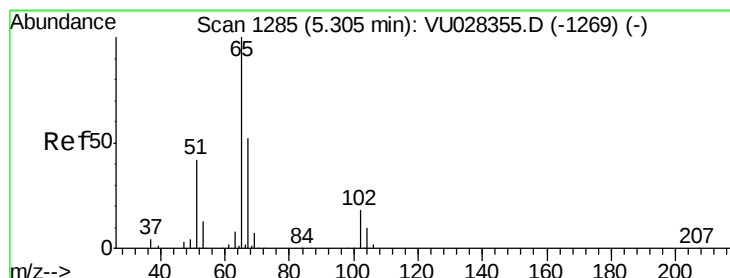
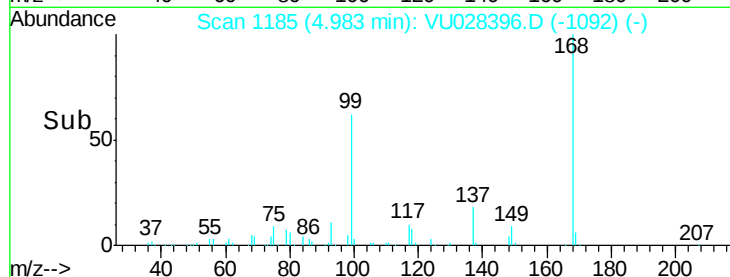
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.468 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028396.D

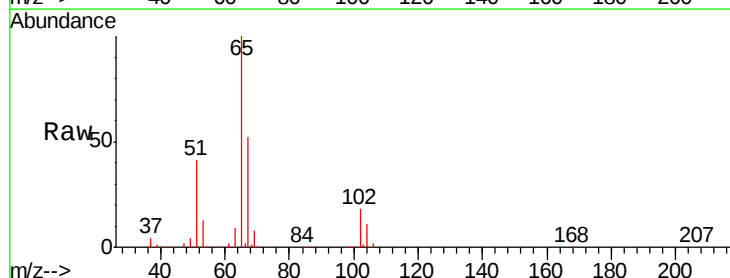
Acq: 29 Nov 2018 16:10

Tgt Ion: 65 Resp: 218211

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VU028355.D (-1269) (-)

Ion 66.90 (66.60 to 67.60): VU028355.D (-1269) (-)

5.31

120000

100000

80000

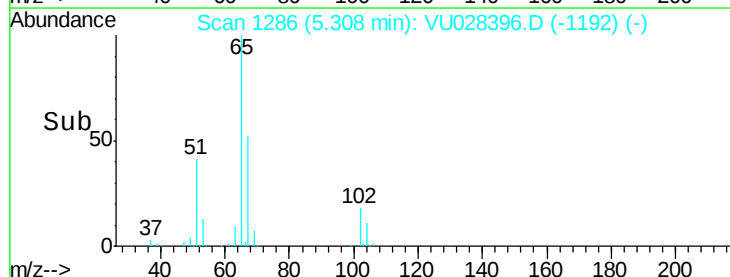
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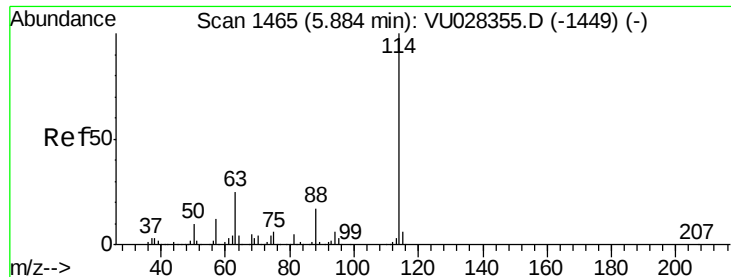
40000

20000

0

Time-->

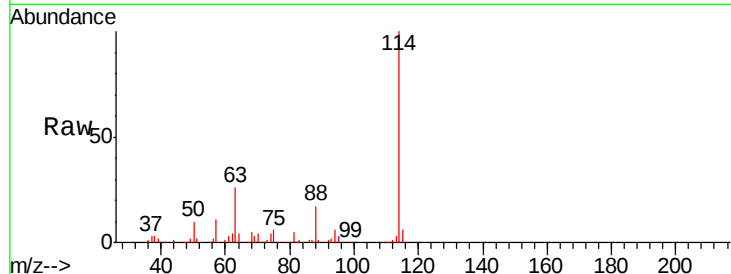




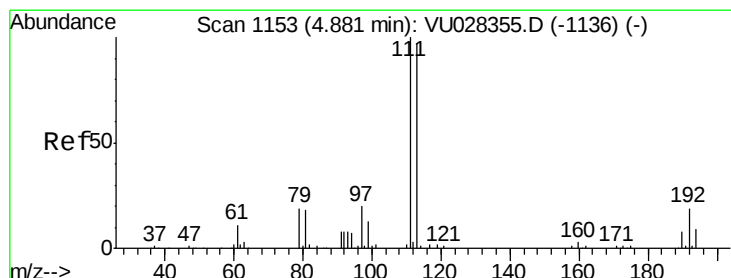
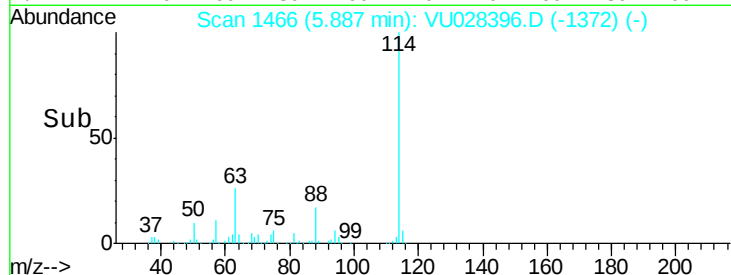
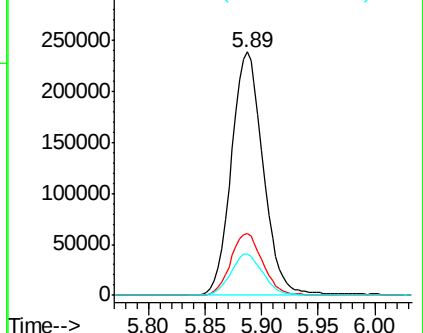
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028396.D
 Acq: 29 Nov 2018 16:10

Instrument :
 MSVOA_U
 ClientSampleId :
 W-1

Tgt Ion:114 Resp: 467880
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 50.0
 88 17.1 0.0 34.4

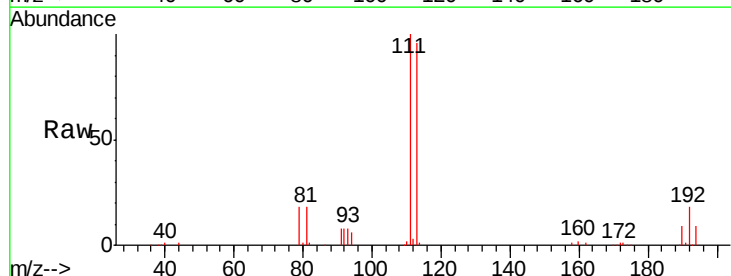


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

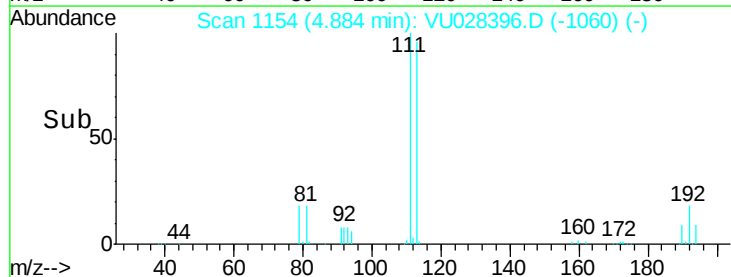
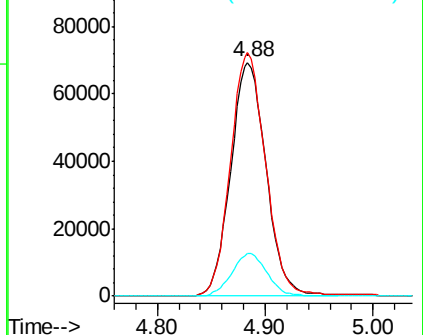


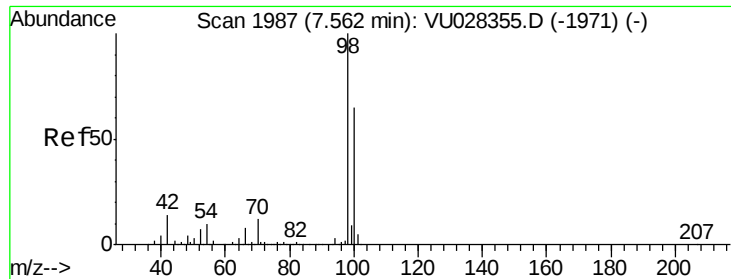
#35
 Dibromofluoromethane
 Concen: 50.914 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028396.D
 Acq: 29 Nov 2018 16:10

Tgt Ion:113 Resp: 158404
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.9 124.3
 192 18.3 15.4 23.0



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.662 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028396.D

Acq: 29 Nov 2018 16:10

Instrument :

MSVOA_U

ClientSampleId :

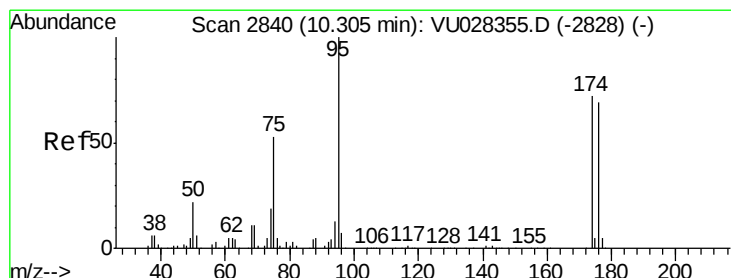
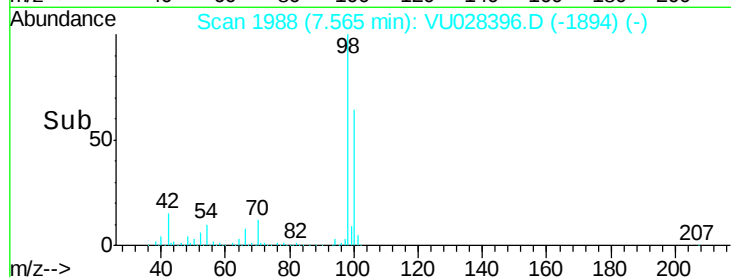
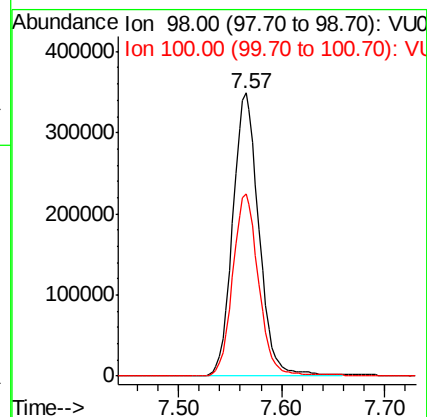
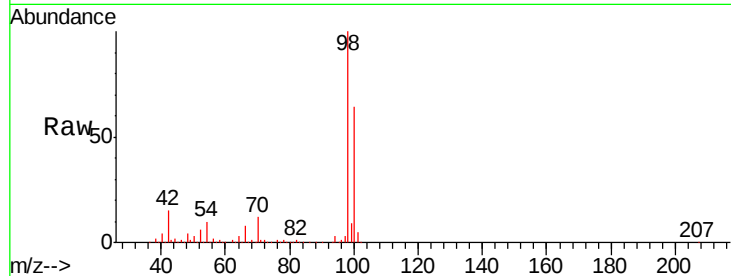
W-1

Tgt Ion: 98 Resp: 617931

Ion Ratio Lower Upper

98 100

100 63.6 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 50.340 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028396.D

Acq: 29 Nov 2018 16:10

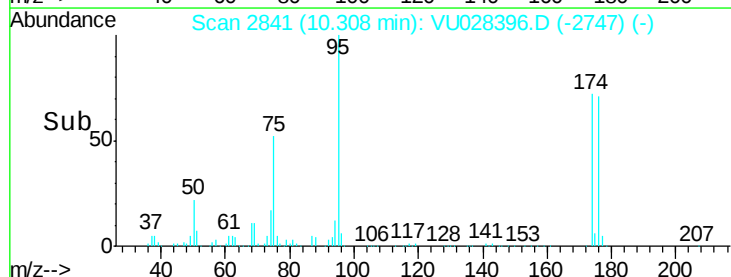
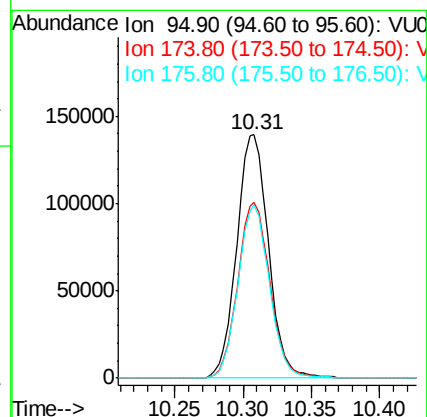
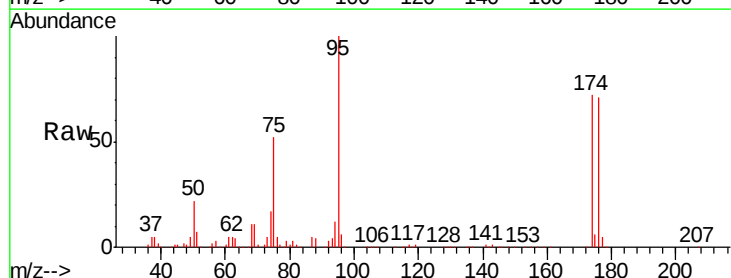
Tgt Ion: 95 Resp: 225758

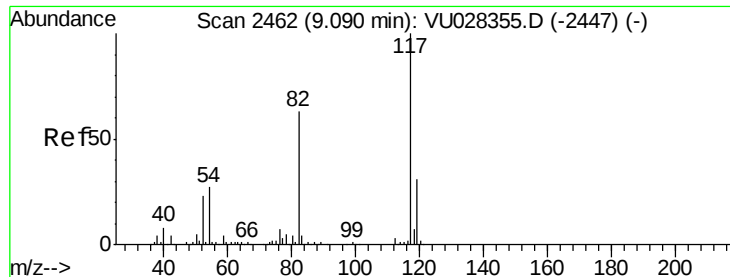
Ion Ratio Lower Upper

95 100

174 73.4 0.0 145.4

176 70.5 0.0 140.8

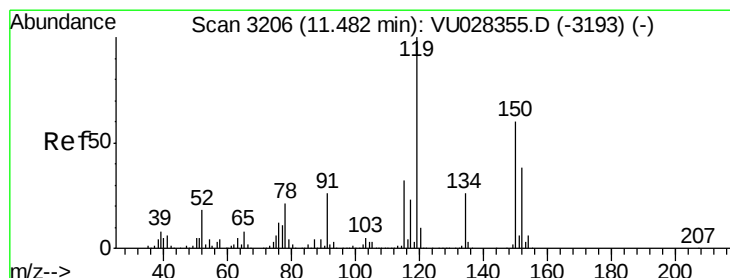
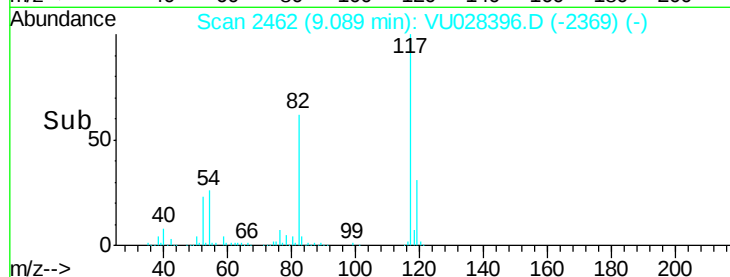
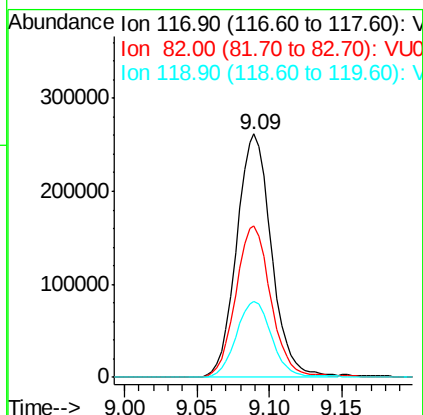
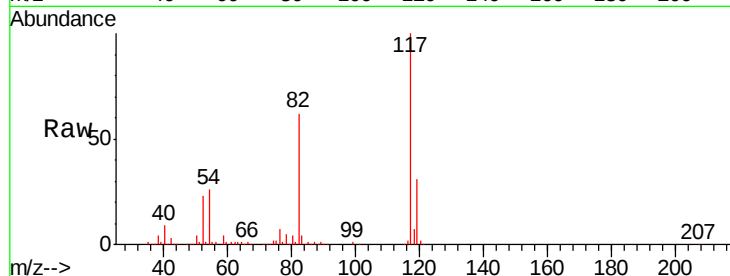




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Instrument :
MSVOA_U
ClientSampleId :
W-1

Tgt Ion:117 Resp: 437333
Ion Ratio Lower Upper
117 100
82 62.5 50.3 75.5
119 31.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028396.D
Acq: 29 Nov 2018 16:10

Tgt Ion:152 Resp: 206939
Ion Ratio Lower Upper
152 100
115 62.5 45.0 134.8
150 157.1 0.0 349.2

