

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121518\
 Data File : VU028702.D
 Acq On : 14 Dec 2018 22:53
 Operator : MD/SY
 Sample : J6395-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-4B_R1

Quant Time: Dec 15 02:39:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	74050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	135904	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	119591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	46853	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	63812	56.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.94%	
35) Dibromofluoromethane	4.88	113	46857	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
50) Toluene-d8	7.57	98	177108	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
62) 4-Bromofluorobenzene	10.31	95	56521	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	

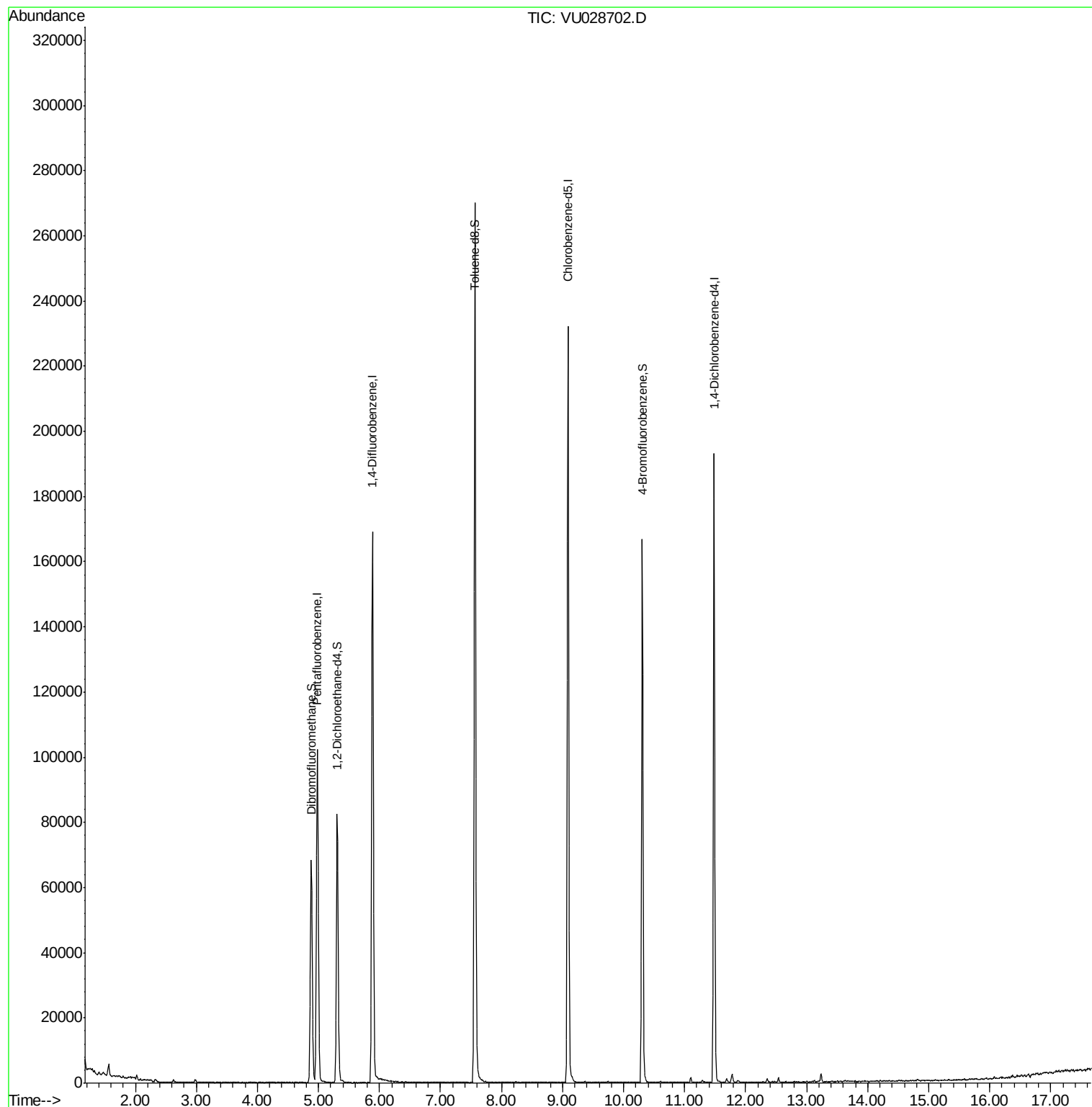
Target Compounds	Qvalue
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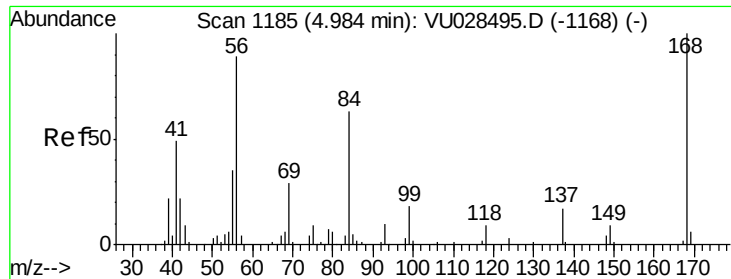
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028702.D

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Instrument :

MSVOA_U

ClientSampleId :

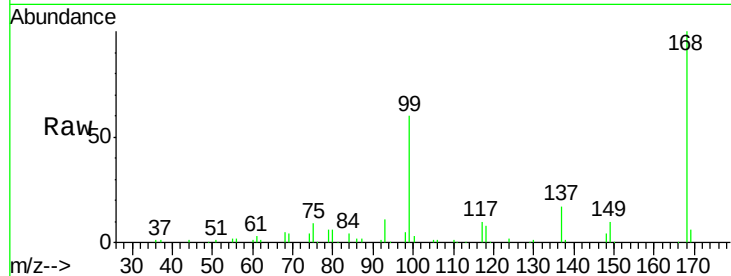
MW-4B_R1

Tgt Ion: 168 Resp: 74050

Ion Ratio Lower Upper

168 100

99 59.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

30000

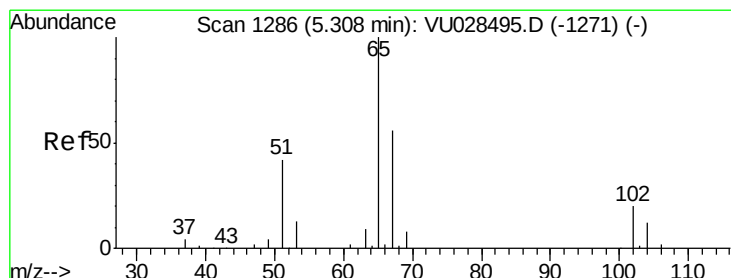
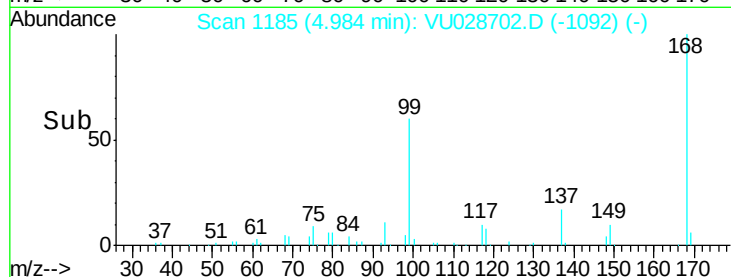
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.468 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028702.D

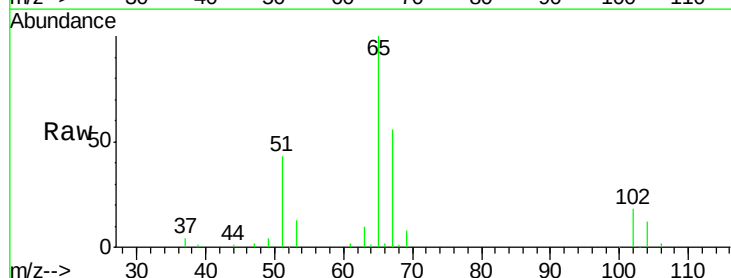
Acq: 14 Dec 2018 22:53

Tgt Ion: 65 Resp: 63812

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU028495.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU028495.D (-1271) (-)

5.31

30000

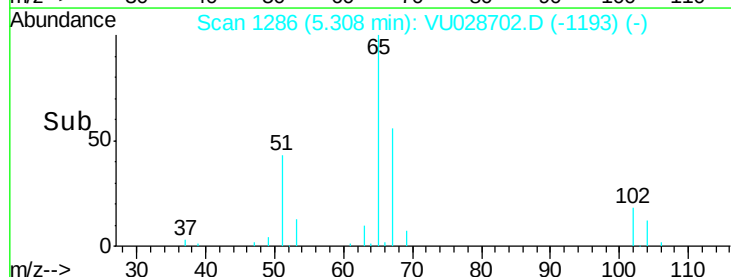
20000

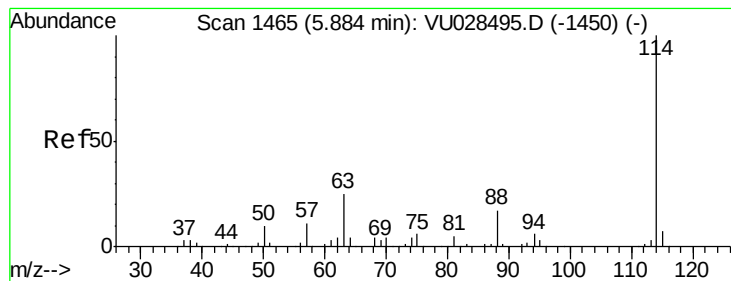
10000

0

5.20 5.25 5.30 5.35 5.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU028702.D

Acq: 14 Dec 2018 22:53

Instrument :

MSVOA_U

ClientSampleId :

MW-4B_R1

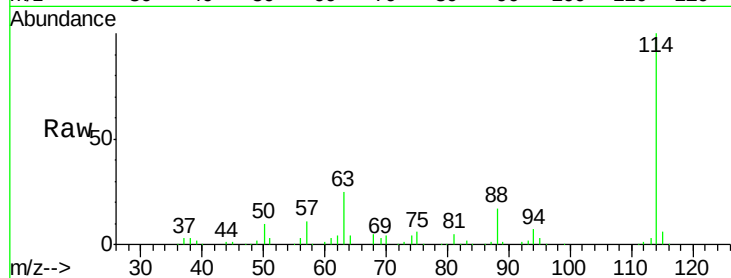
Tgt Ion:114 Resp: 135904

Ion Ratio Lower Upper

114 100

63 25.4 0.0 49.2

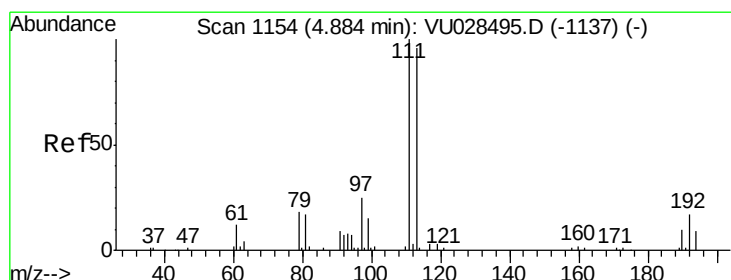
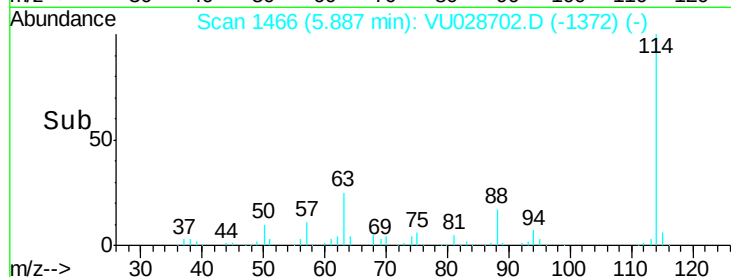
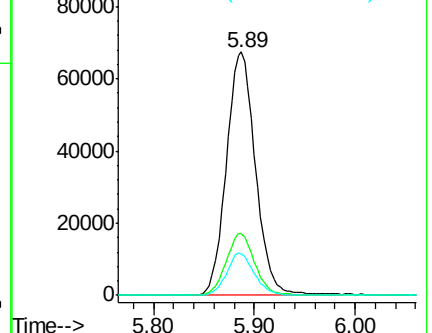
88 17.0 0.0 33.4



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: 54.787 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU028702.D

Acq: 14 Dec 2018 22:53

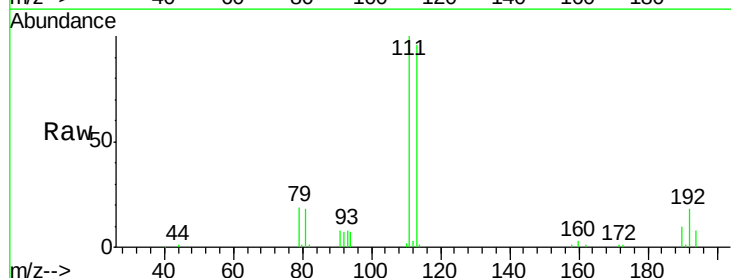
Tgt Ion:113 Resp: 46857

Ion Ratio Lower Upper

113 100

111 103.8 83.4 125.0

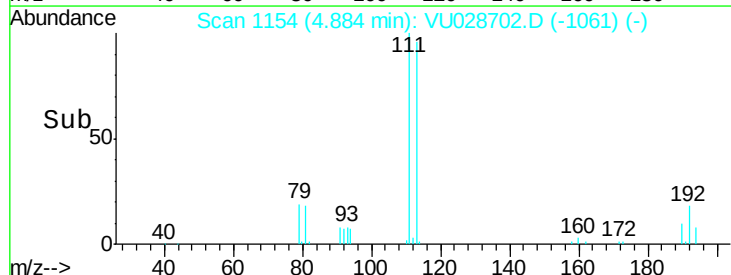
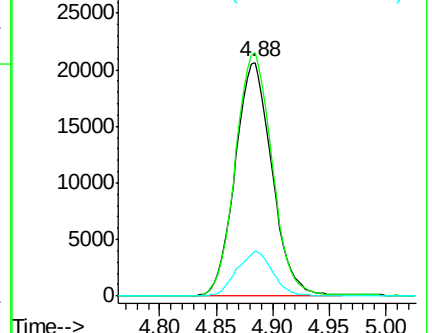
192 18.6 14.8 22.2

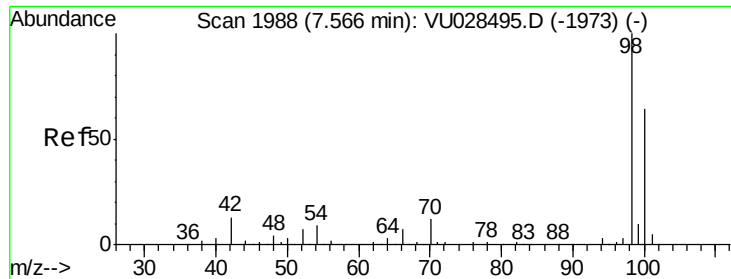


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

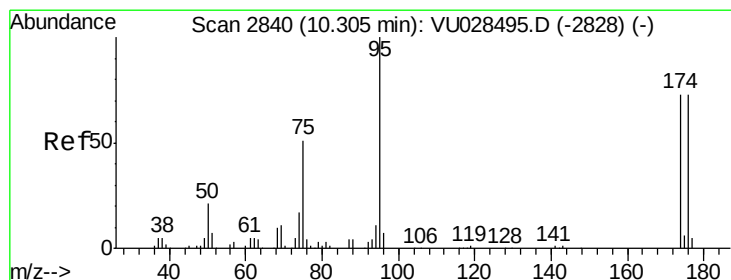
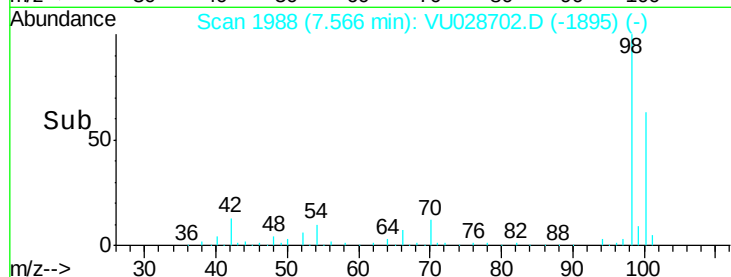
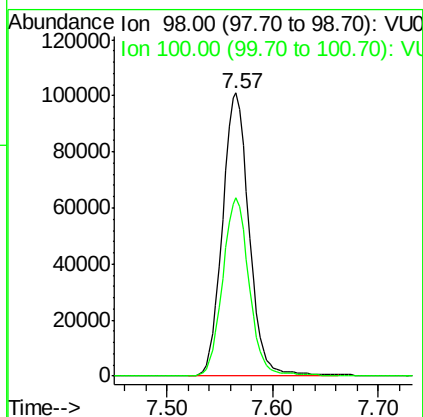
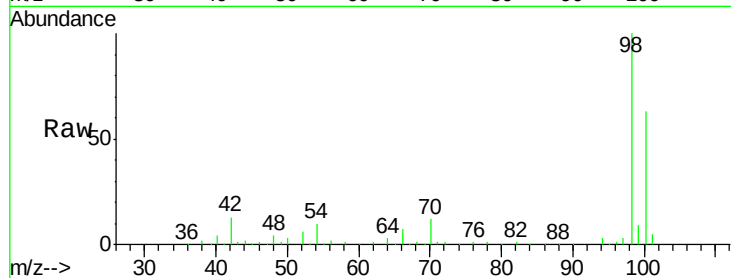




#50
Toluene-d8
Concen: 52.349 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028702.D
Acq: 14 Dec 2018 22:53

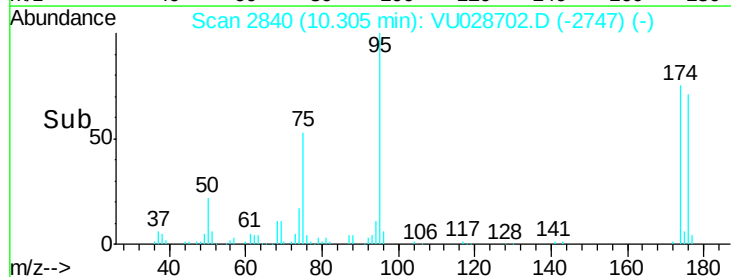
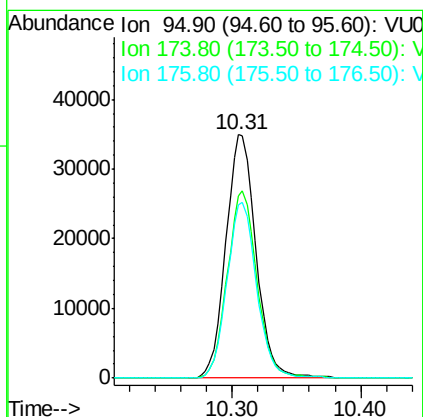
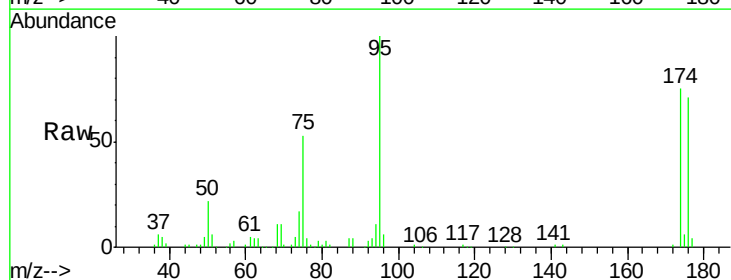
Instrument :
MSVOA_U
ClientSampleId :
MW-4B_R1

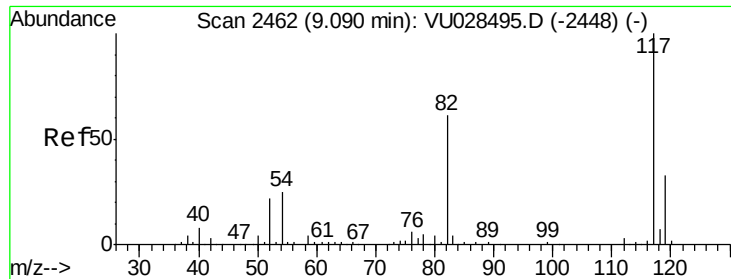
Tgt Ion: 98 Resp: 177108
Ion Ratio Lower Upper
98 100
100 62.6 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 44.697 ug/l
RT: 10.31 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU028702.D
Acq: 14 Dec 2018 22:53

Tgt Ion: 95 Resp: 56521
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.4
176 71.4 0.0 145.2

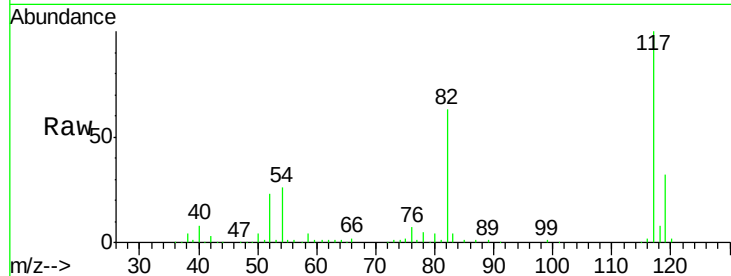




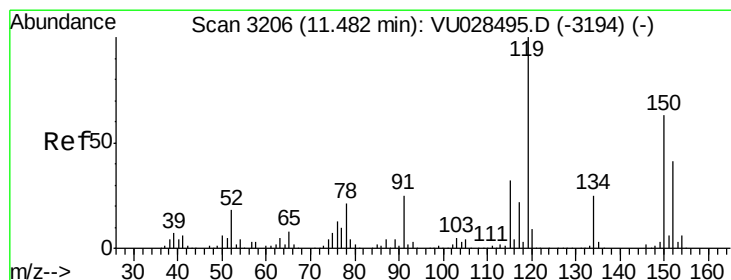
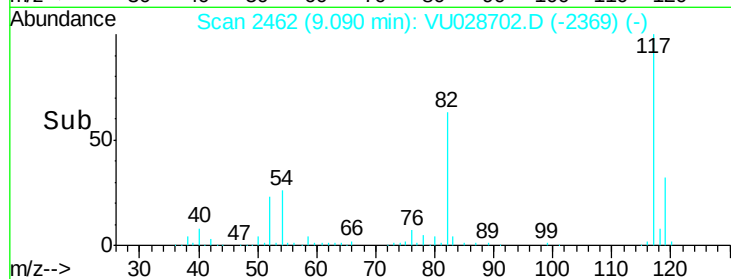
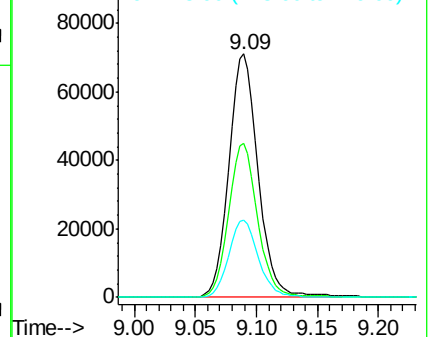
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028702.D
Acq: 14 Dec 2018 22:53

Instrument :
MSVOA_U
ClientSampleId :
MW-4B_R1

Tgt Ion:117 Resp: 119591
Ion Ratio Lower Upper
117 100
82 63.3 48.9 73.3
119 31.9 26.2 39.4

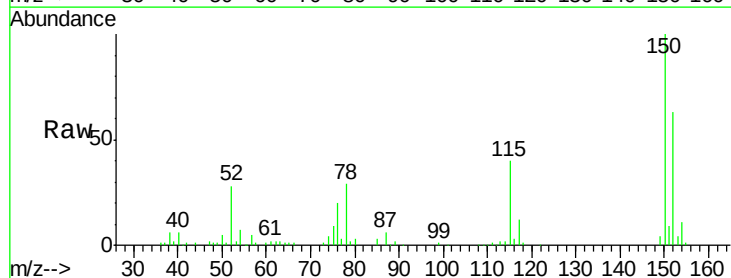


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU028702.D
Acq: 14 Dec 2018 22:53

Tgt Ion:152 Resp: 46853
Ion Ratio Lower Upper
152 100
115 60.9 42.7 128.1
150 157.1 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

