

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111218\
 Data File : VU028056.D
 Acq On : 12 Nov 2018 11:31
 Operator : MD/SY
 Sample : VU1112WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBL01

Quant Time: Nov 13 02:58:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	175862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	339649	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	303425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	115572	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	156449	59.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.68%	
35) Dibromofluoromethane	4.88	113	112386	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
50) Toluene-d8	7.57	98	442598	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
62) 4-Bromofluorobenzene	10.31	95	143426	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	

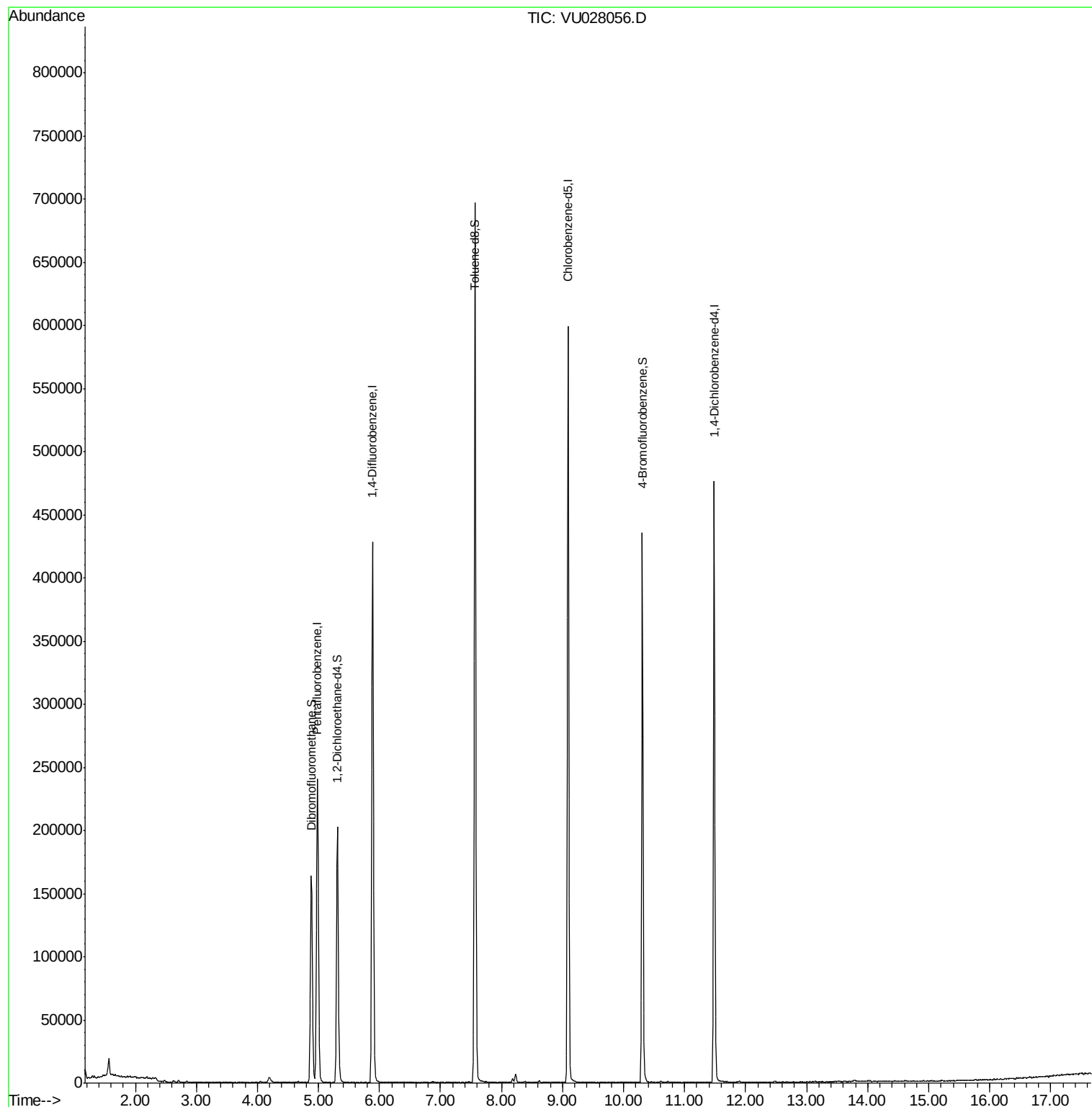
Target Compounds	Qvalue

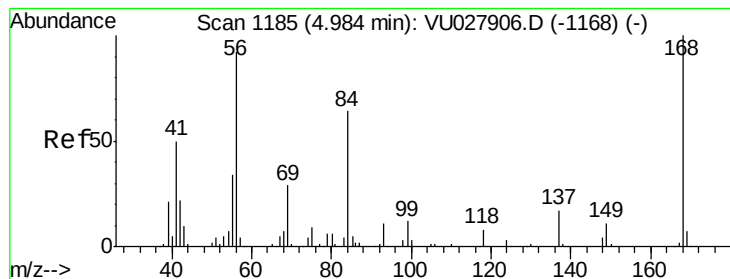
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU028056.D

Acq: 12 Nov 2018 11:31

Instrument :

MSVOA_U

ClientSampleId :

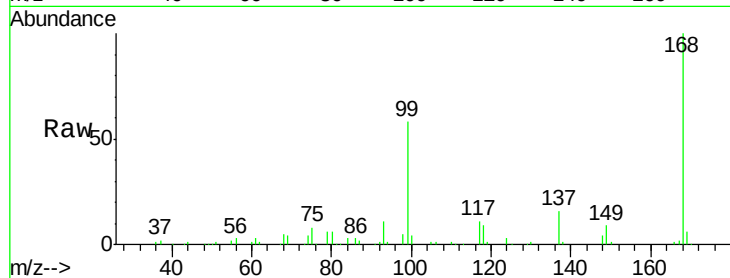
VU1112WBL01

Tgt Ion:168 Resp: 175862

Ion Ratio Lower Upper

168 100

99 58.5 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU027906.D (-1168) (-)

4.99

80000

60000

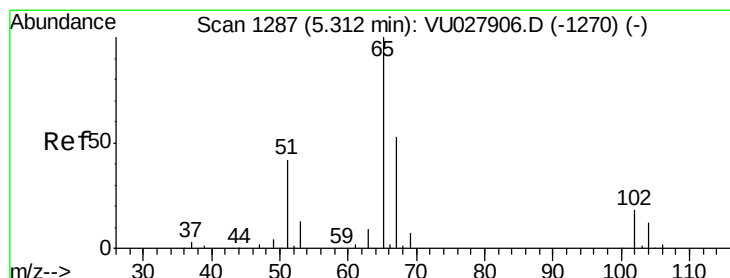
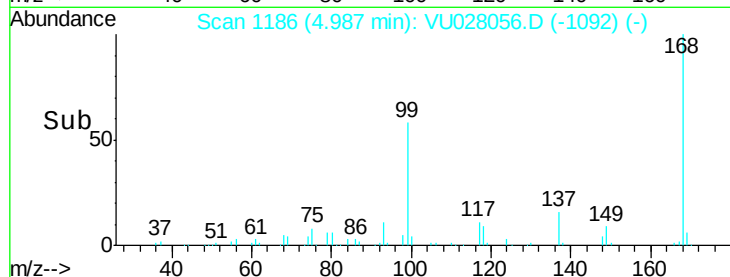
40000

20000

0

Time-->

4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 59.836 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VU028056.D

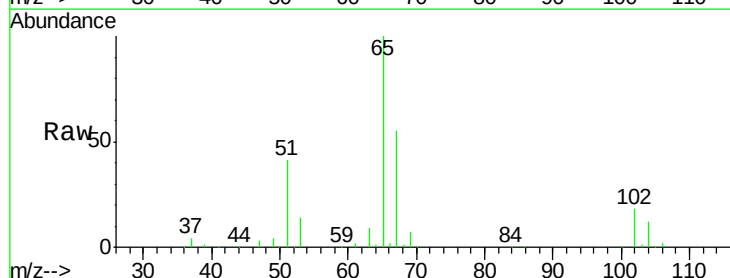
Acq: 12 Nov 2018 11:31

Tgt Ion: 65 Resp: 156449

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VU027906.D (-1270) (-)

Ion 66.90 (66.60 to 67.60): VU027906.D (-1270) (-)

5.31

80000

60000

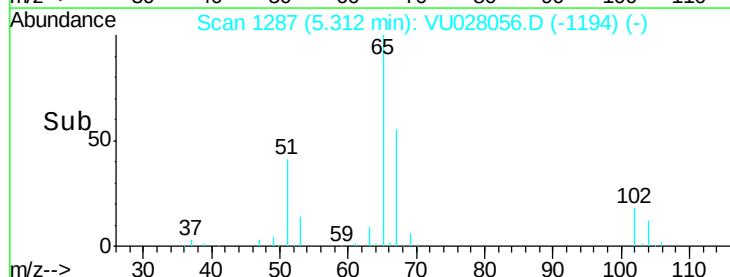
40000

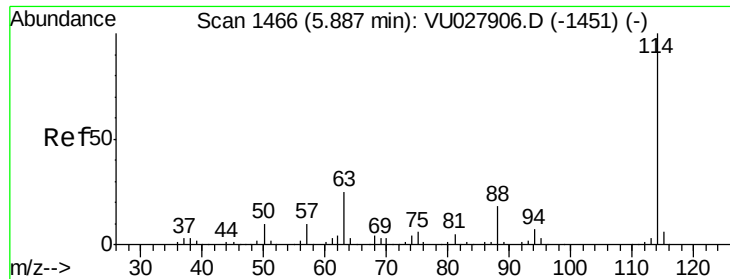
20000

0

Time-->

5.20 5.25 5.30 5.35 5.40

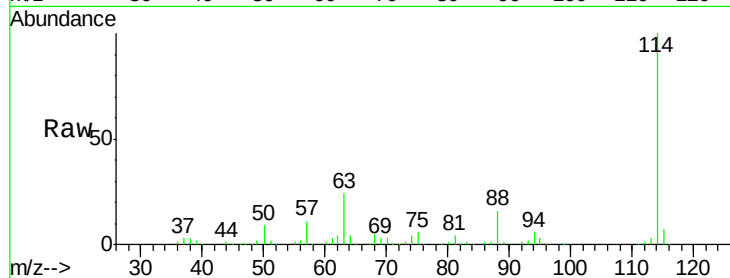




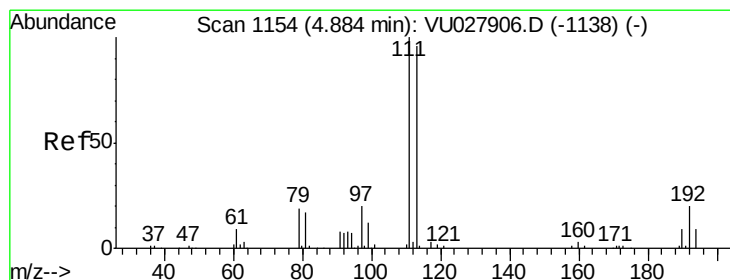
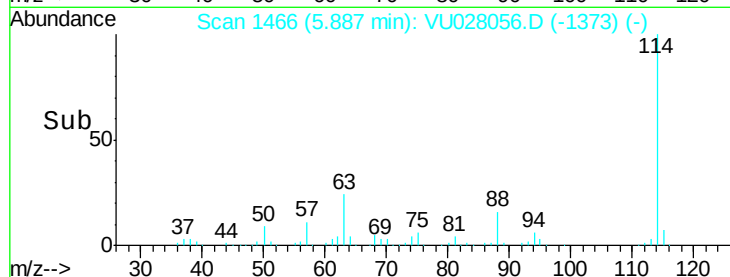
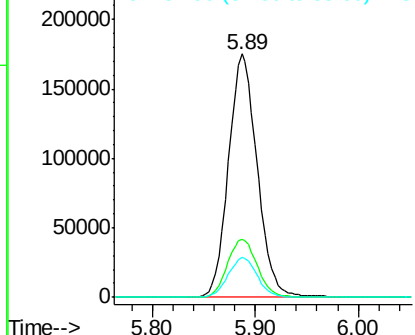
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU028056.D
 Acq: 12 Nov 2018 11:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBL01

Tgt Ion:114 Resp: 339649
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 50.8
 88 16.2 0.0 35.8

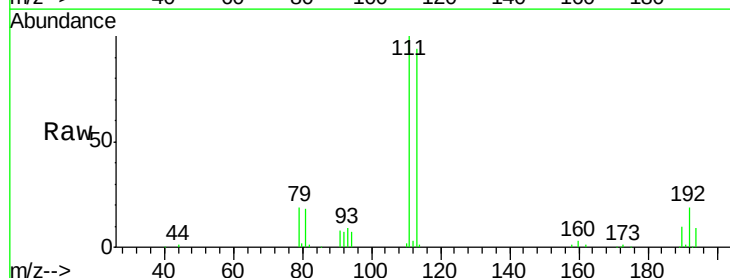


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

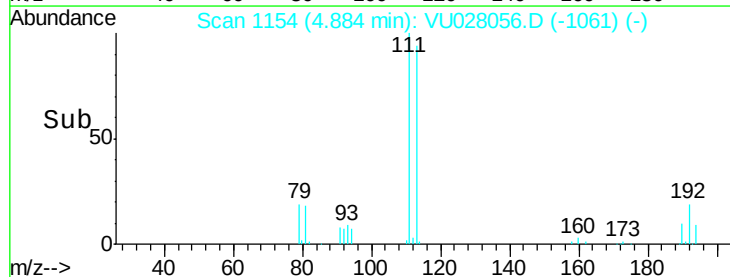
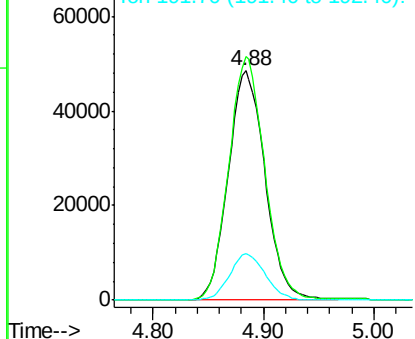


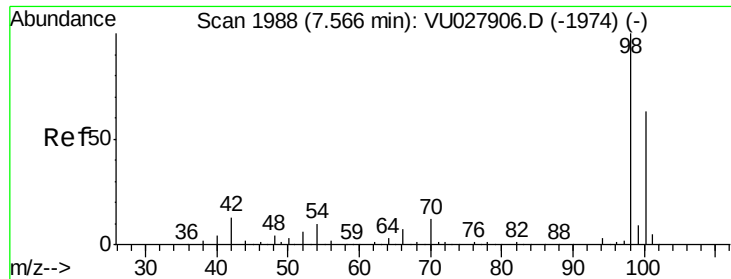
#35
 Dibromofluoromethane
 Concen: 52.479 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028056.D
 Acq: 12 Nov 2018 11:31

Tgt Ion:113 Resp: 112386
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.0 124.6
 192 19.6 15.6 23.4



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

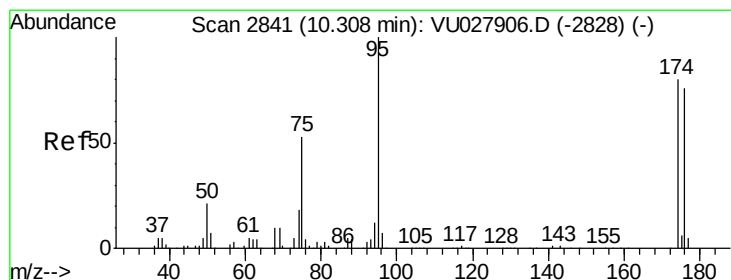
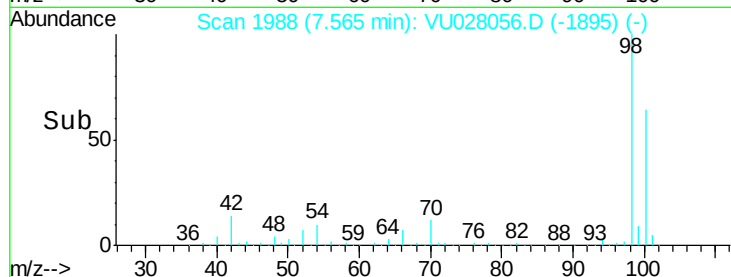
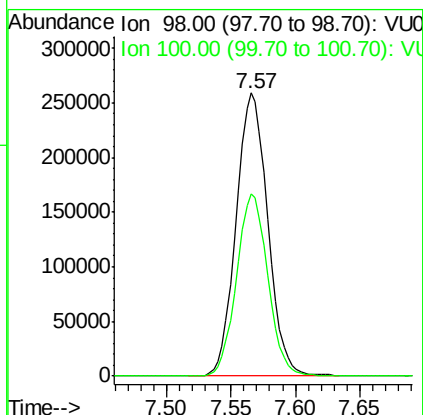
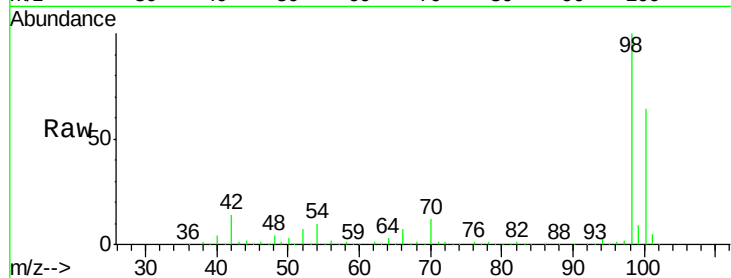




#50
Toluene-d8
Concen: 53.502 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028056.D
Acq: 12 Nov 2018 11:31

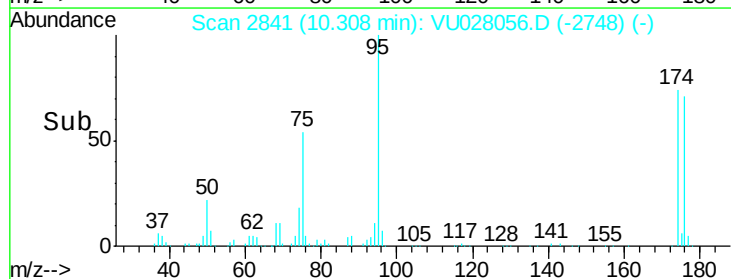
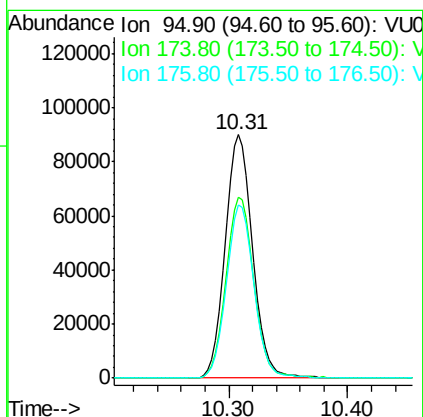
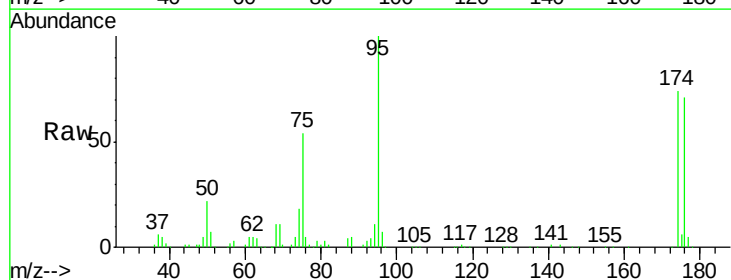
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBL01

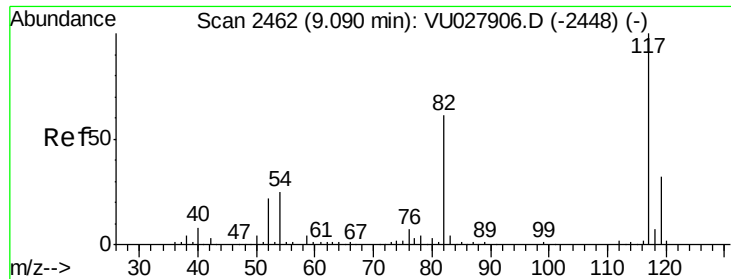
Tgt Ion: 98 Resp: 442598
Ion Ratio Lower Upper
98 100
100 63.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.005 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU028056.D
Acq: 12 Nov 2018 11:31

Tgt Ion: 95 Resp: 143426
Ion Ratio Lower Upper
95 100
174 75.6 0.0 156.4
176 71.9 0.0 150.8

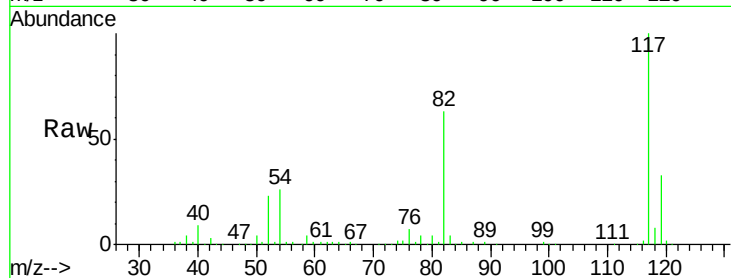




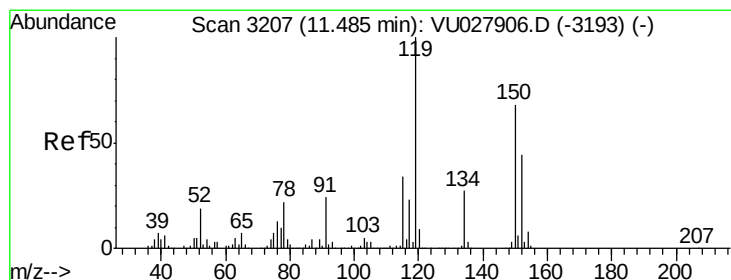
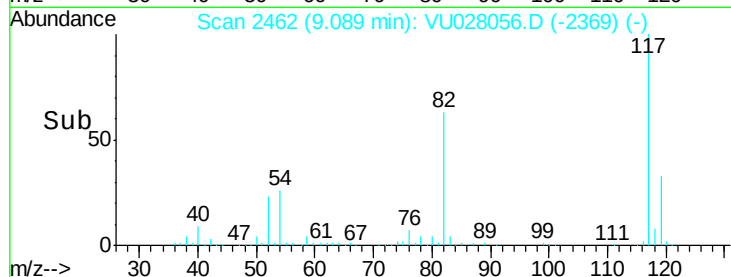
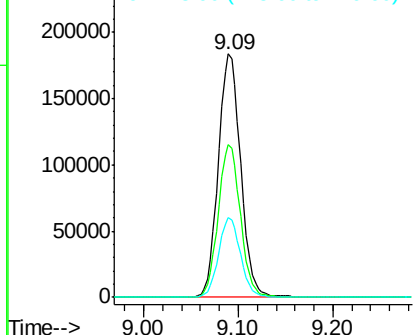
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028056.D
Acq: 12 Nov 2018 11:31

Instrument :
MSVOA_U
ClientSampleId :
VU1112WBL01

Tgt Ion:117 Resp: 303425
Ion Ratio Lower Upper
117 100
82 62.5 48.6 73.0
119 32.6 25.8 38.8

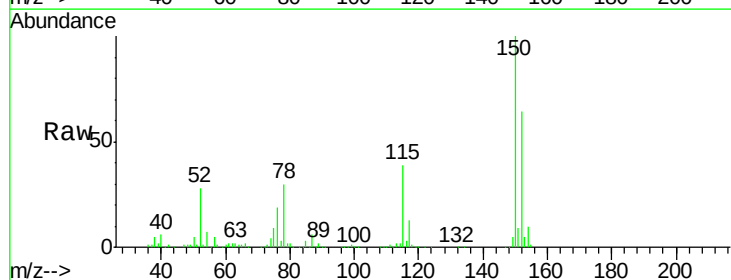


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU028056.D
Acq: 12 Nov 2018 11:31

Tgt Ion:152 Resp: 115572
Ion Ratio Lower Upper
152 100
115 60.4 43.0 129.0
150 157.0 0.0 349.4



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

