

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011219\
 Data File : VU029144.D
 Acq On : 11 Jan 2019 16:14
 Operator : JC/SP
 Sample : VU0112WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0112WBL01

Quant Time: Jan 11 23:52:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	155186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	272755	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	246790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	93024	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	108056	56.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.66%	
35) Dibromofluoromethane	4.88	113	95970	54.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.56%	
50) Toluene-d8	7.56	98	347620	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	10.31	95	101653	40.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.04%	

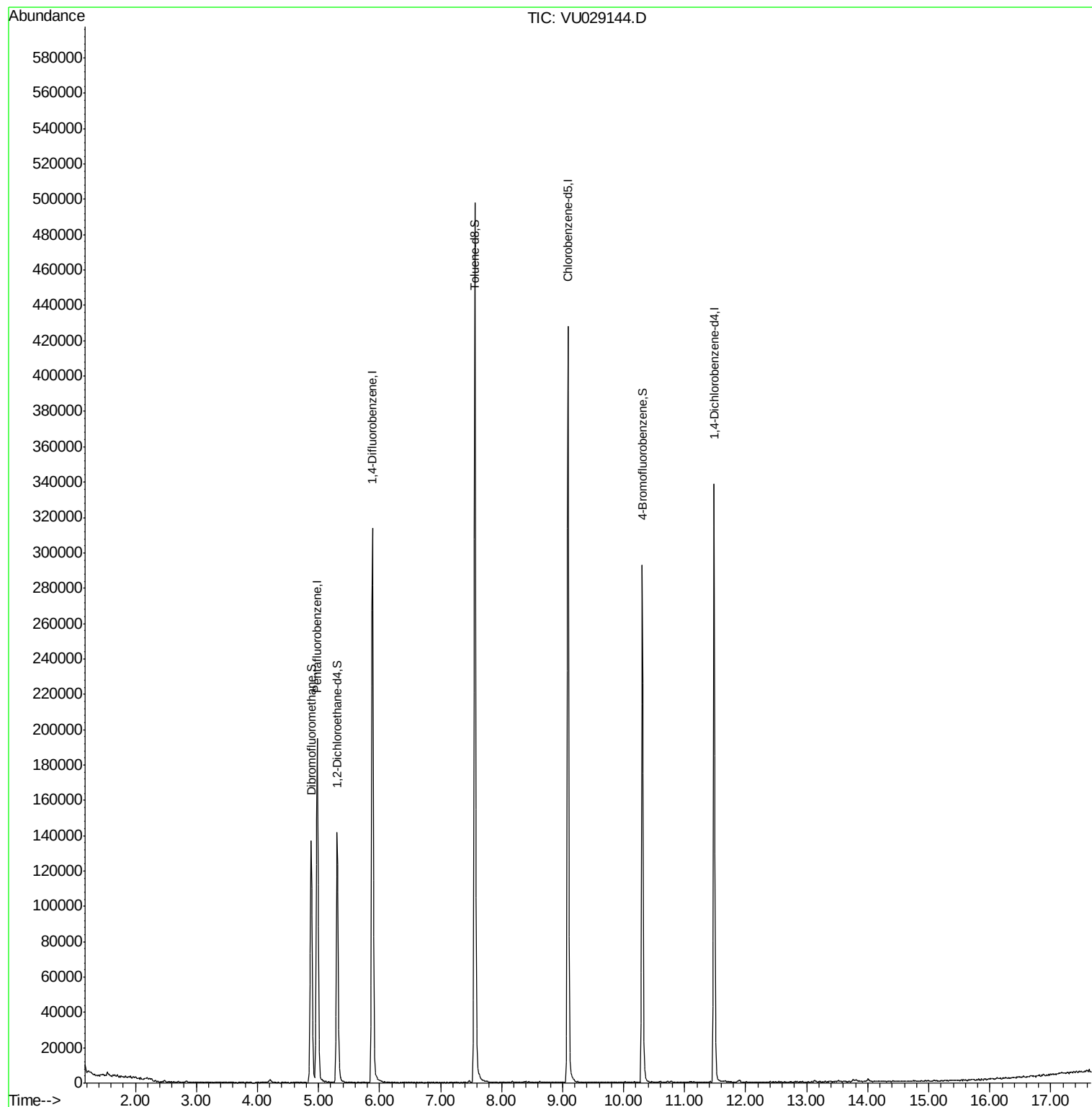
Target Compounds	Qvalue
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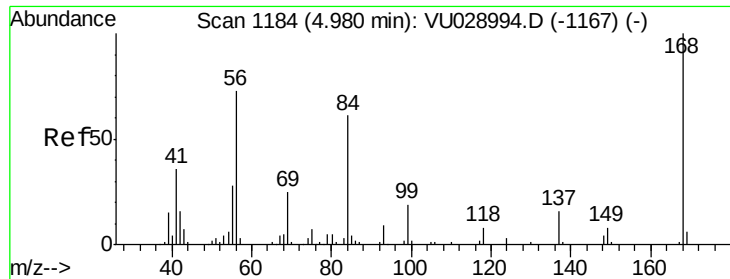
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU029144.D

Acq: 11 Jan 2019 16:14

Instrument :

MSVOA_U

ClientSampleId :

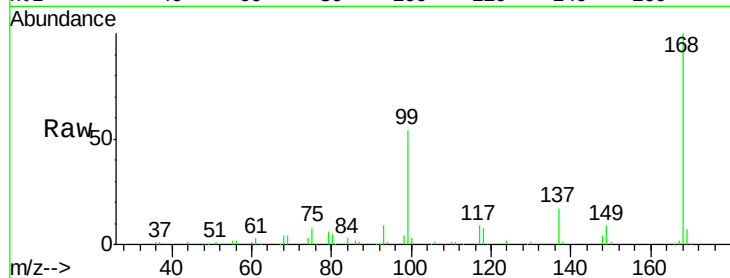
VU0112WBL01

Tot Ion:168 Resp: 155186

Ion Ratio Lower Upper

168 100

99 54.0 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)

4.98

60000

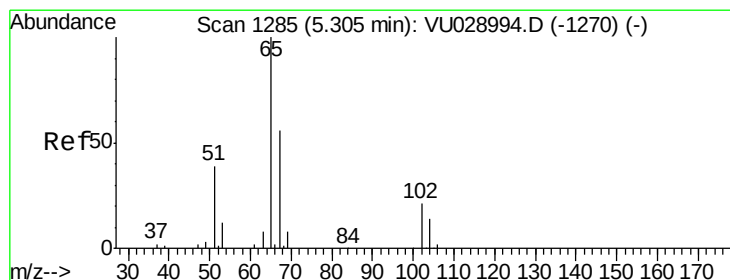
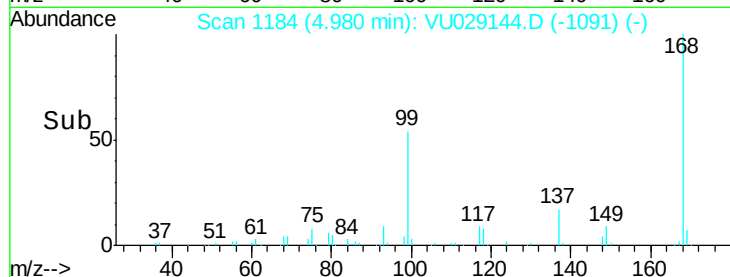
40000

20000

0

Time-->

4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 56.326 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029144.D

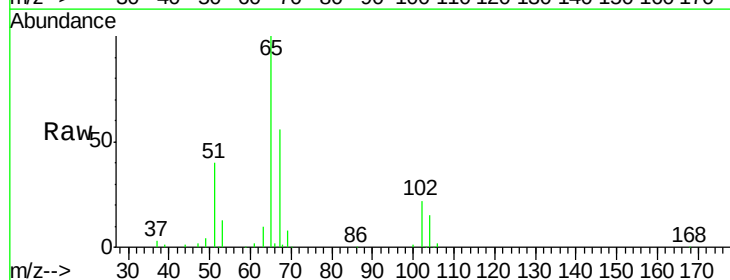
Acq: 11 Jan 2019 16:14

Tgt Ion: 65 Resp: 108056

Ion Ratio Lower Upper

65 100

67 56.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU028994.D (-1270) (-)

Ion 66.90 (66.60 to 67.60): VU028994.D (-1270) (-)

5.31

50000

40000

30000

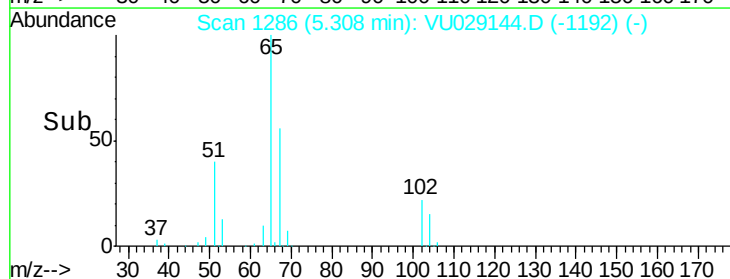
20000

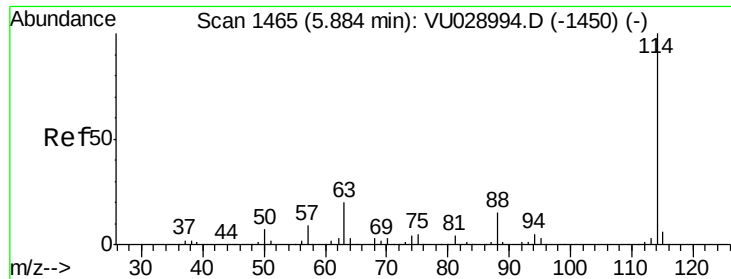
10000

0

Time-->

5.20 5.30 5.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. -0.00 min

Lab File: VU029144.D

Acq: 11 Jan 2019 16:14

Instrument :

MSVOA_U

ClientSampleId :

VU0112WBL01

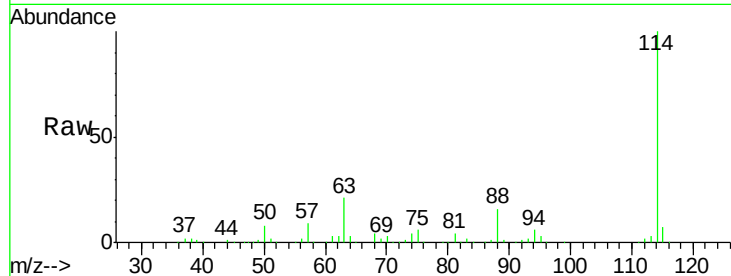
Tot Ion:114 Resp: 272755

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.2

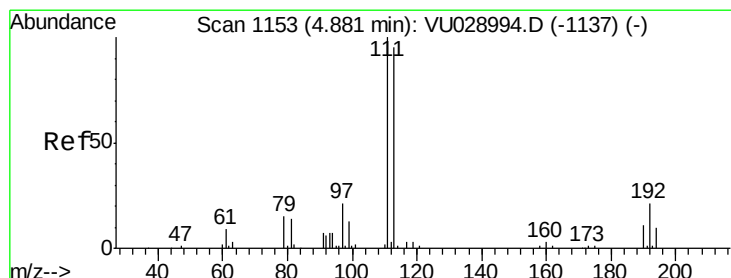
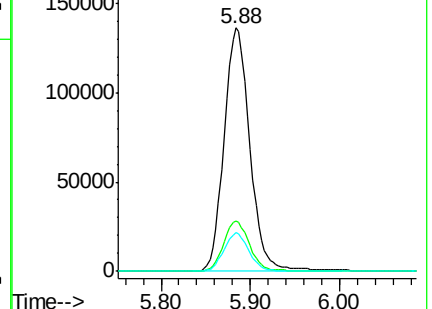
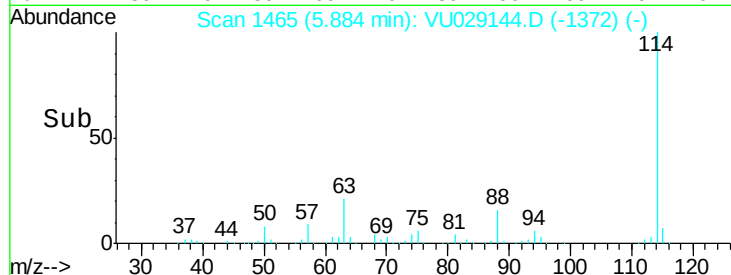
88 15.7 0.0 30.4



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: 54.279 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029144.D

Acq: 11 Jan 2019 16:14

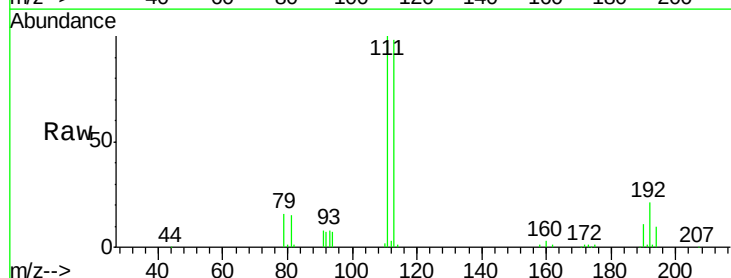
Tgt Ion:113 Resp: 95970

Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.2

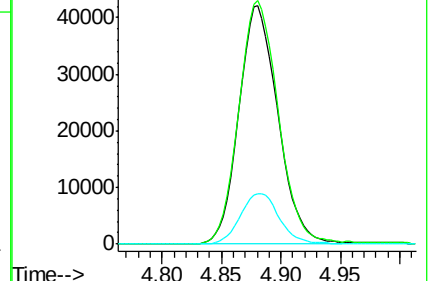
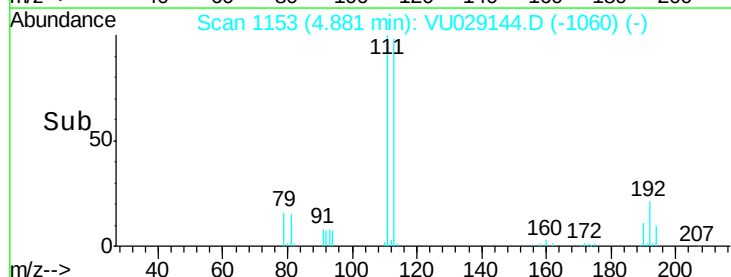
192 21.2 16.8 25.2

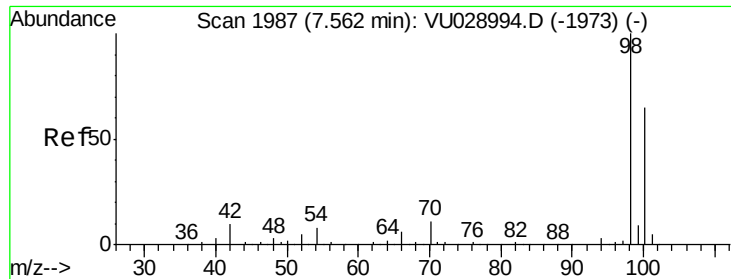


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

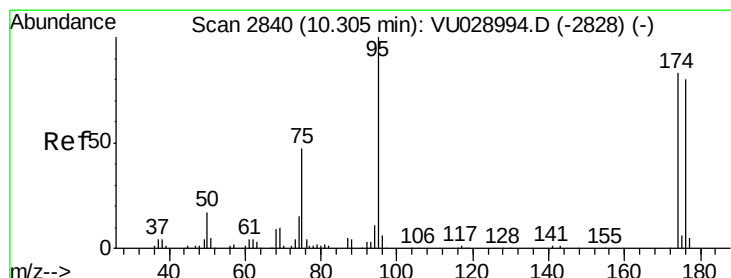
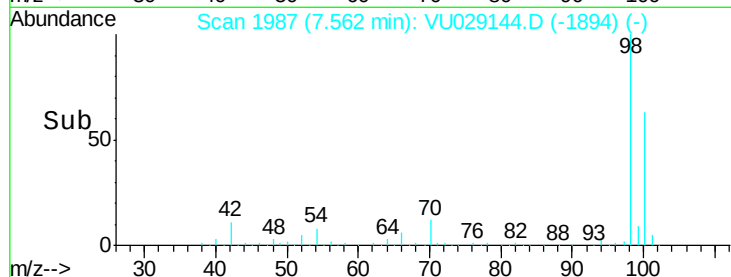
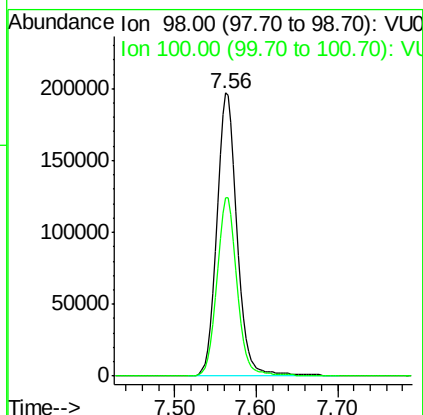
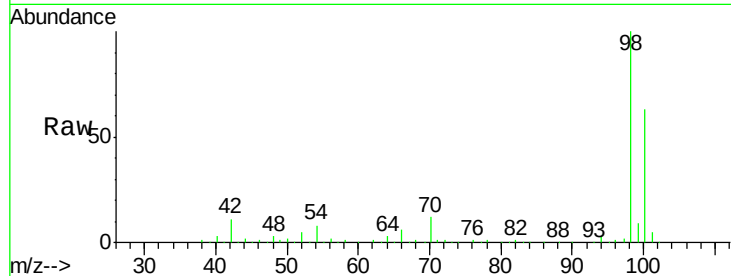




#50
Toluene-d8
Concen: 49.801 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029144.D
Acq: 11 Jan 2019 16:14

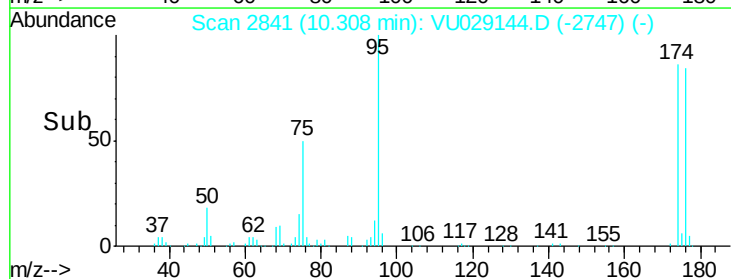
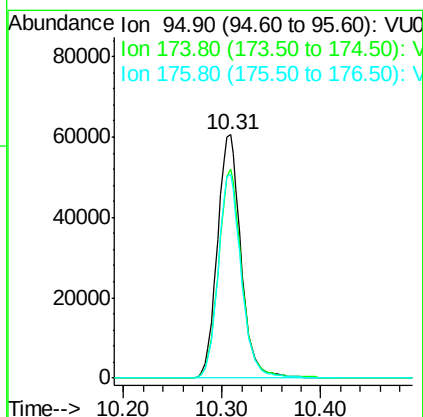
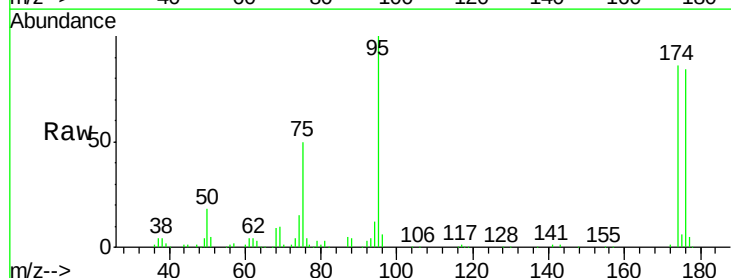
Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL01

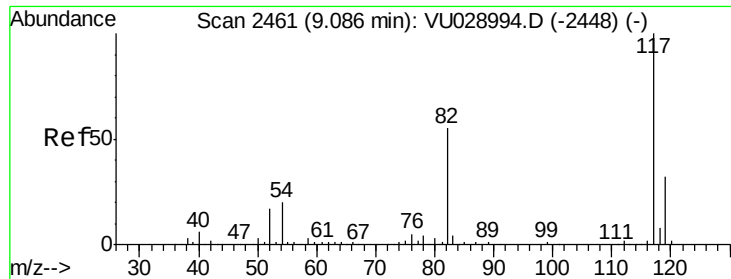
Tot Ion: 98 Resp: 347620
Ion Ratio Lower Upper
98 100
100 62.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 40.523 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU029144.D
Acq: 11 Jan 2019 16:14

Tgt Ion: 95 Resp: 101653
Ion Ratio Lower Upper
95 100
174 85.1 0.0 170.6
176 82.0 0.0 165.0

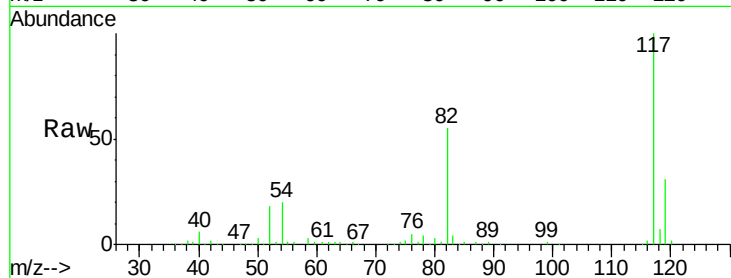




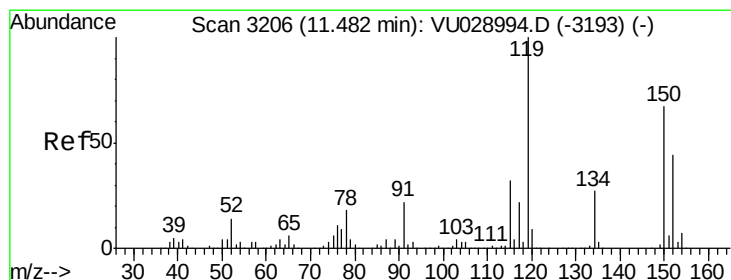
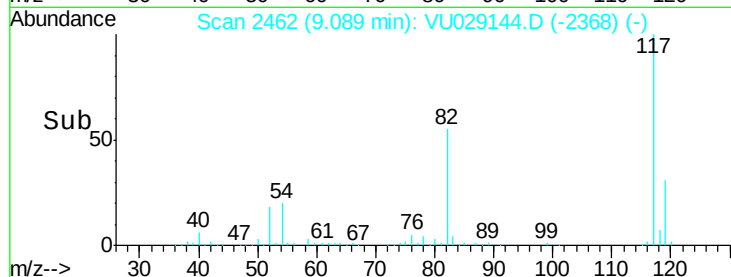
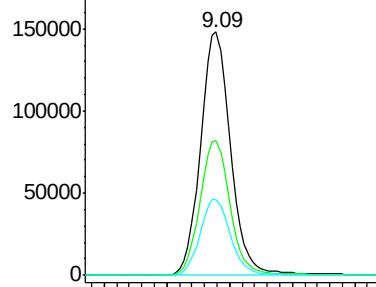
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029144.D
Acq: 11 Jan 2019 16:14

Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL01

Tot Ion:117 Resp: 246790
Ion Ratio Lower Upper
117 100
82 55.3 43.9 65.9
119 31.2 26.0 39.0

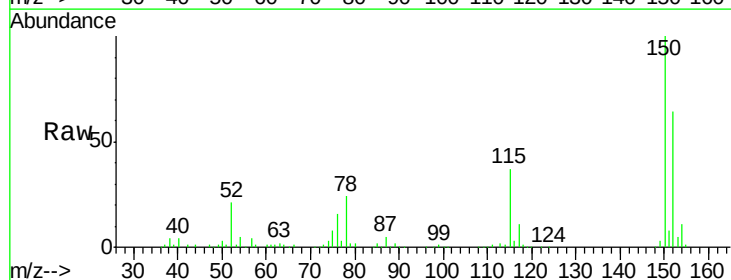


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU029144.D
Acq: 11 Jan 2019 16:14

Tgt Ion:152 Resp: 93024
Ion Ratio Lower Upper
152 100
115 57.0 40.1 120.3
150 154.2 0.0 345.2



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

