

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110618\
 Data File : VU027987.D
 Acq On : 06 Nov 2018 15:14
 Operator : MD/SY
 Sample : J5832-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VB16089

Quant Time: Nov 06 17:23:47 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	206311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	385054	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	342617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	144126	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	168563	54.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.90%	
35) Dibromofluoromethane	4.89	113	123906	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
50) Toluene-d8	7.57	98	498530	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
62) 4-Bromofluorobenzene	10.31	95	166850	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	

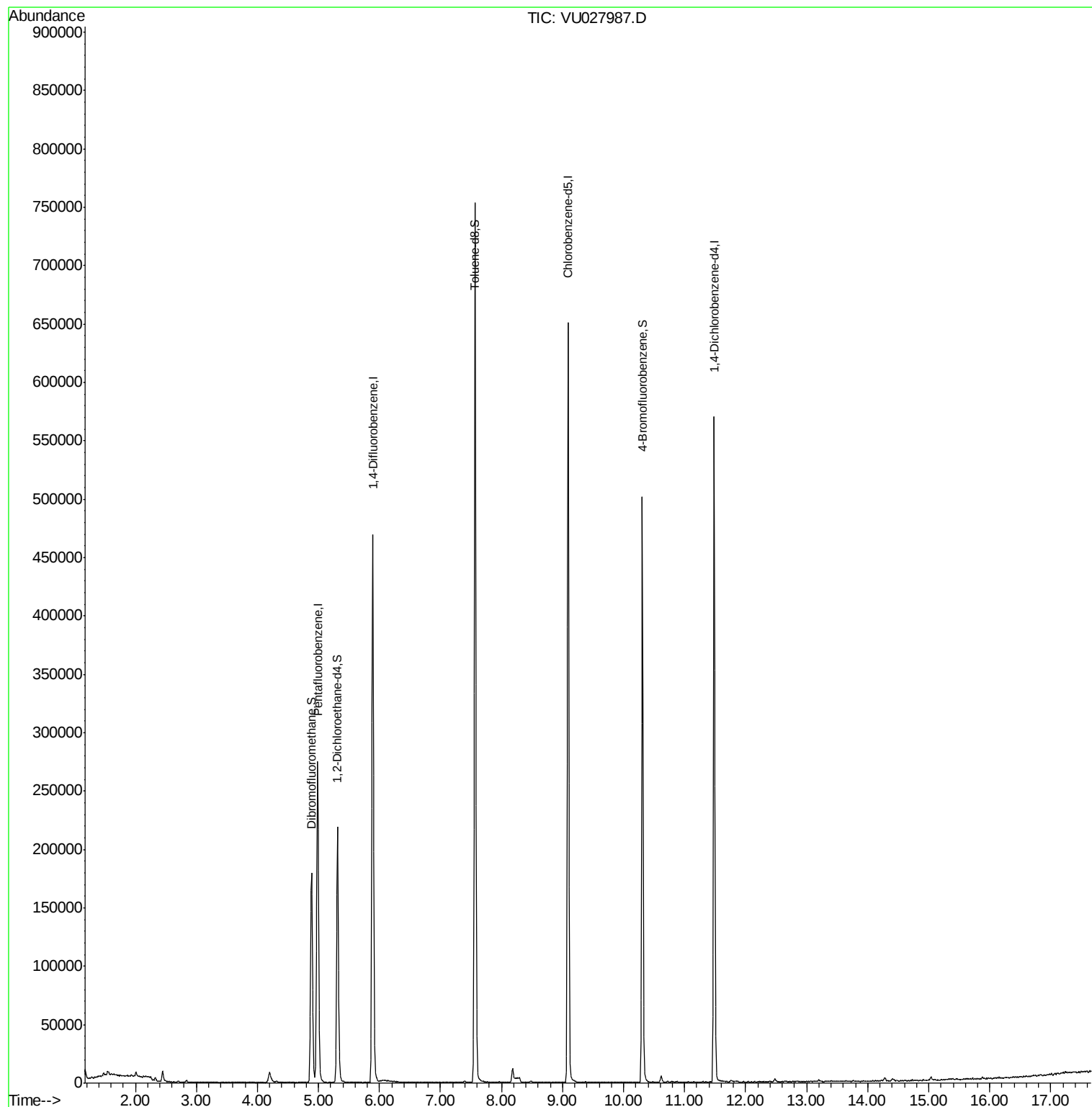
Target Compounds	Qvalue

(#) = 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: VU027987.D

Acq: 06 Nov 2018 15:14

Instrument :

MSVOA_U

ClientSampleId :

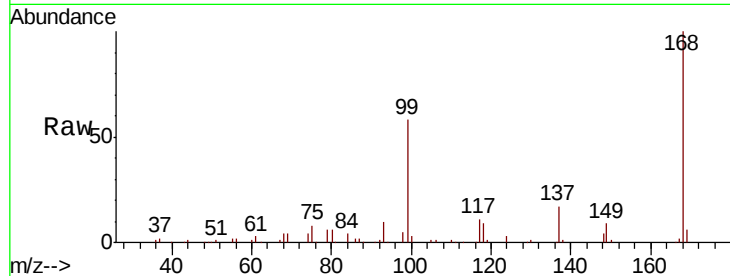
VB16089

Tot Ion:168 Resp: 206311

Ion Ratio Lower Upper

168 100

99 58.3 47.9 71.9



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

Ion 98.90 (98.60 to 99.60): VU027987.D (-1092) (-)

4.99

100000

80000

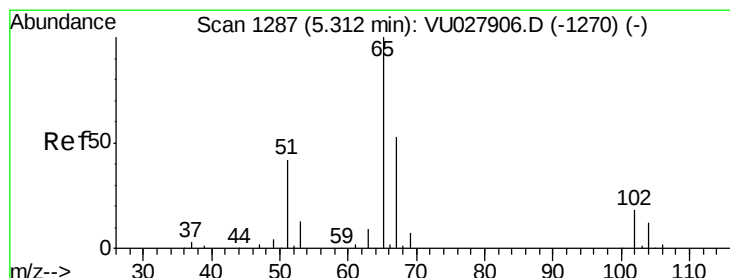
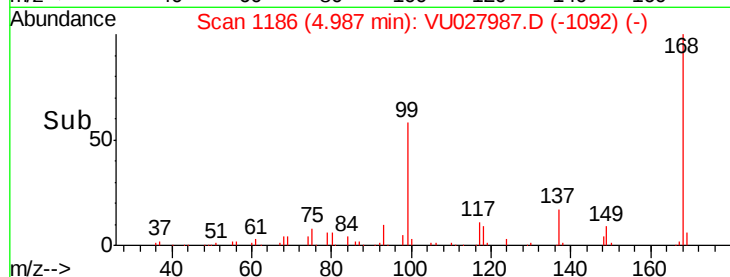
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.954 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027987.D

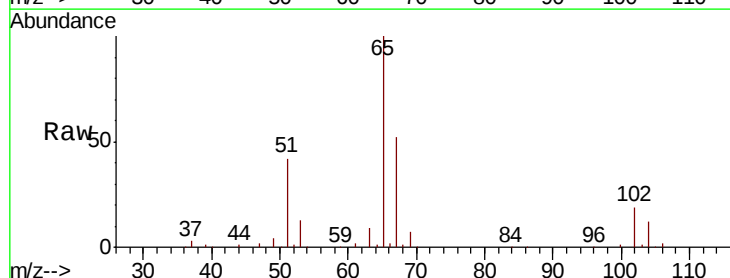
Acq: 06 Nov 2018 15:14

Tgt Ion: 65 Resp: 168563

Ion Ratio Lower Upper

65 100

67 53.1 0.0 109.0



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

Ion 66.90 (66.60 to 67.60): VU027987.D (-1194) (-)

5.31

80000

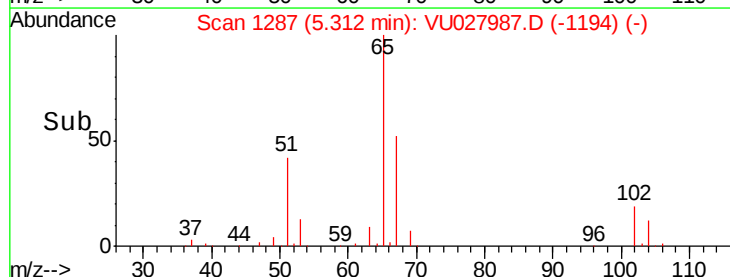
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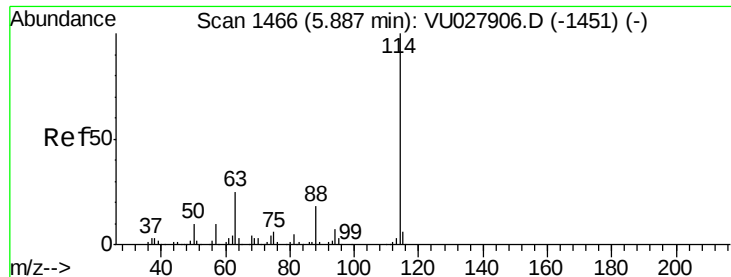
40000

20000

0

Time-->

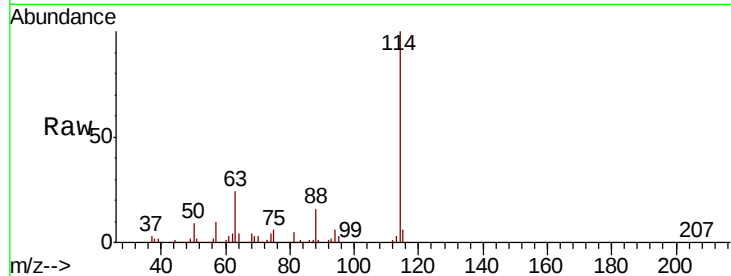




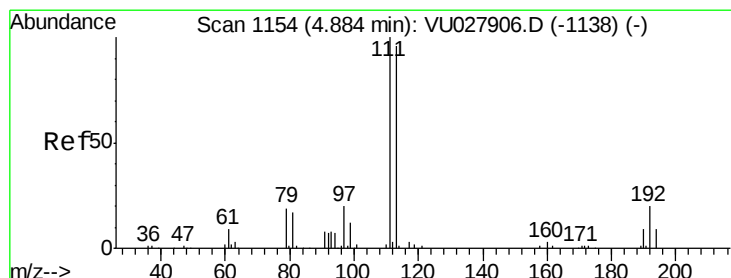
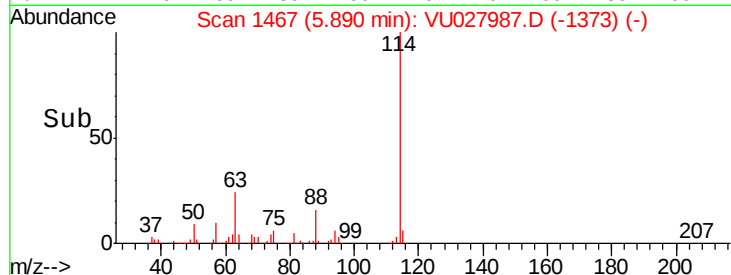
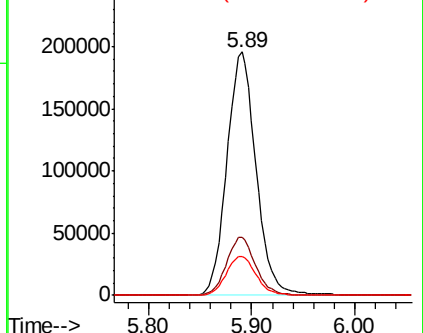
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027987.D
 Acq: 06 Nov 2018 15:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VB16089

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	50.8
88	16.2	0.0	35.8

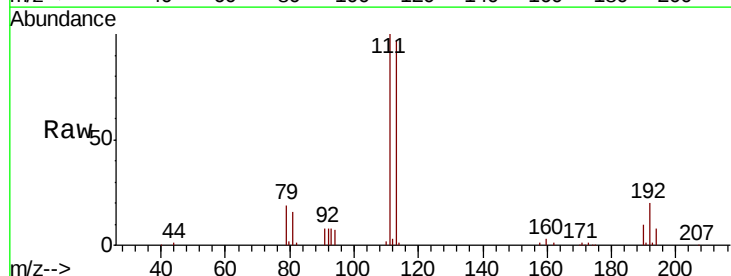


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

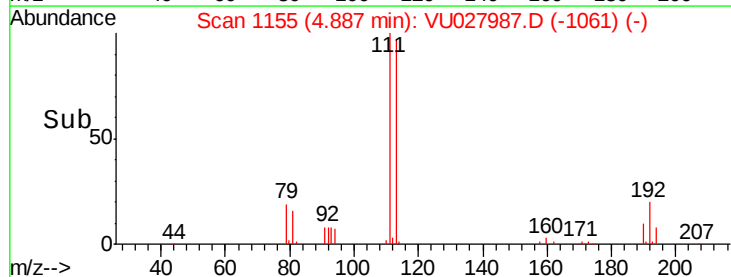
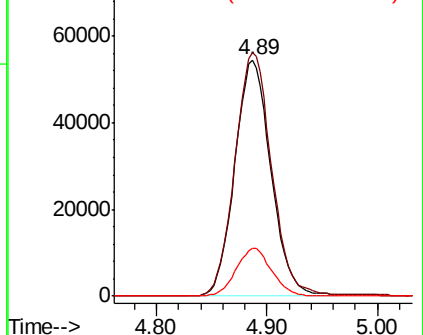


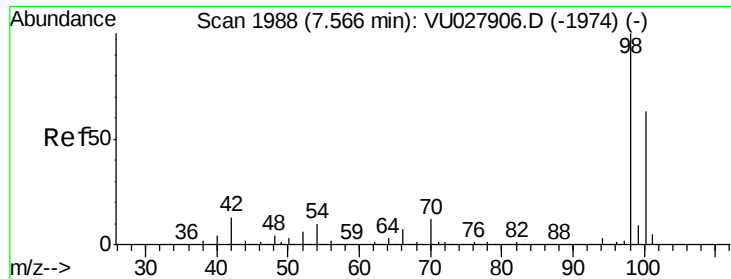
#35
 Dibromofluoromethane
 Concen: 51.036 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027987.D
 Acq: 06 Nov 2018 15:14

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.0	124.6
192	20.0	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

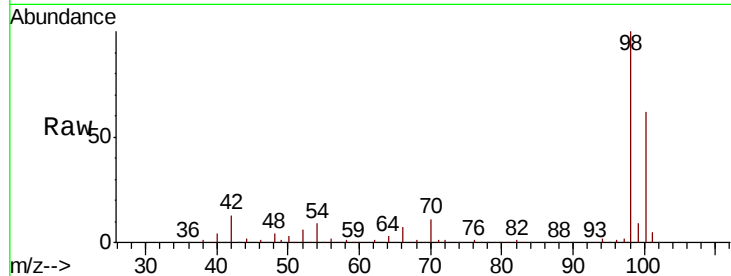




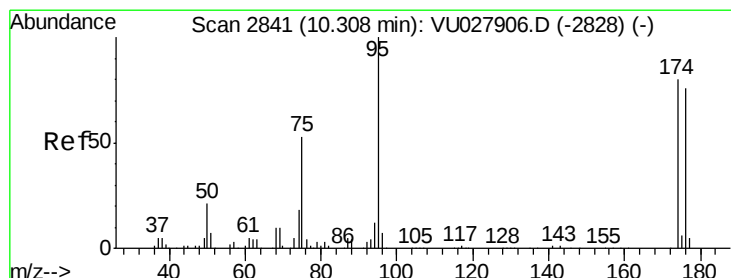
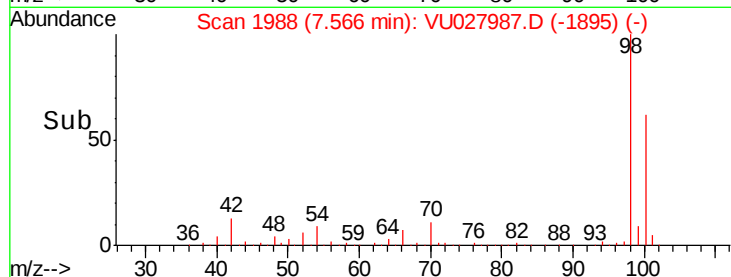
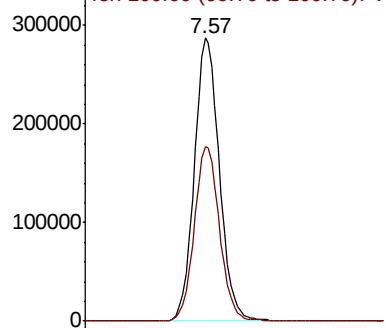
#50
Toluene-d8
Concen: 53.157 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027987.D
Acq: 06 Nov 2018 15:14

Instrument :
MSVOA_U
ClientSampleId :
VB16089

Tot Ion: 98 Resp: 498530
Ion Ratio Lower Upper
98 100
100 62.1 50.1 75.1

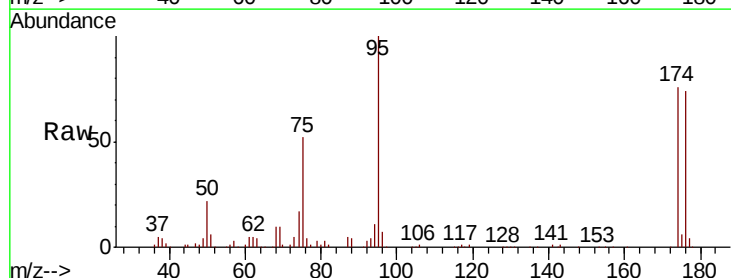


Abundance Ion 98.00 (97.70 to 98.70): VU027906.D (-1974) (-)
Ion 100.00 (99.70 to 100.70): VU027906.D (-1974) (-)

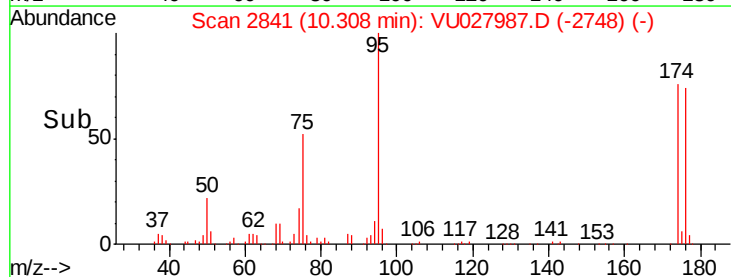
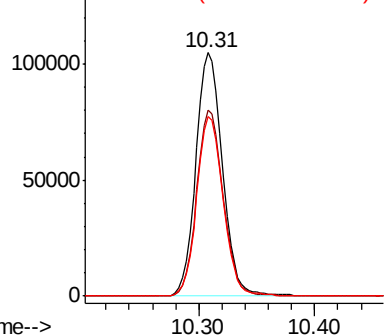


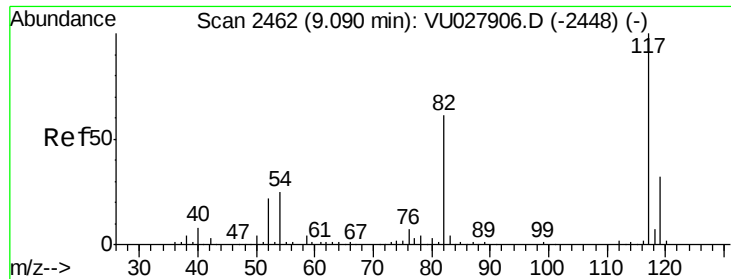
#62
4-Bromofluorobenzene
Concen: 48.234 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027987.D
Acq: 06 Nov 2018 15:14

Tgt Ion: 95 Resp: 166850
Ion Ratio Lower Upper
95 100
174 76.0 0.0 156.4
176 73.2 0.0 150.8



Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU027906.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU027906.D (-2828) (-)

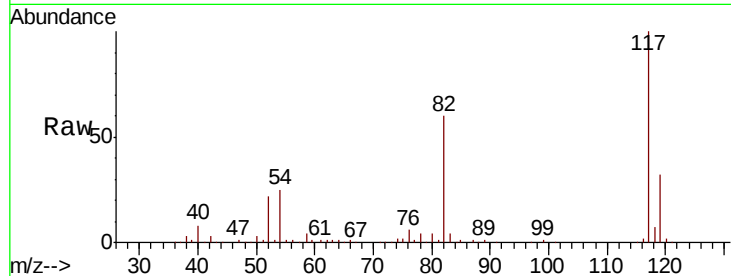




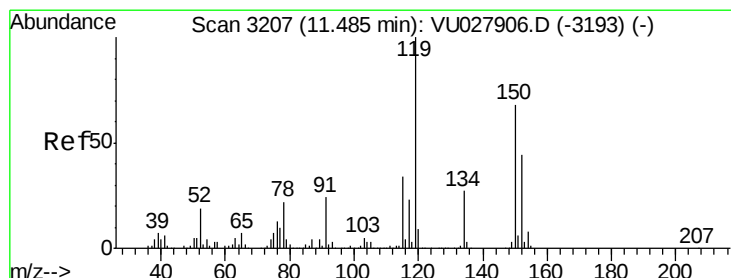
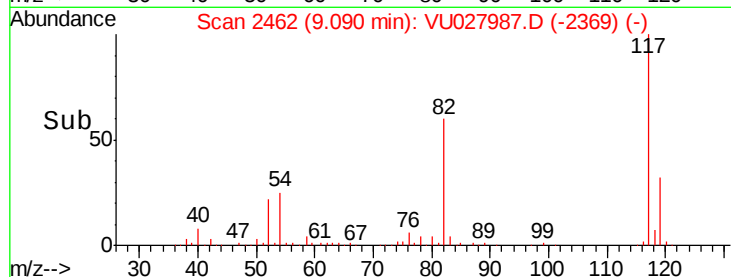
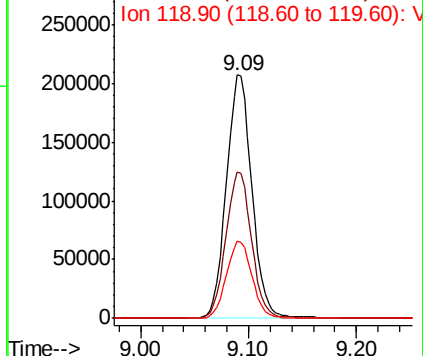
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027987.D
Acq: 06 Nov 2018 15:14

Instrument :
MSVOA_U
ClientSampled :
VB16089

Tot Ion:117 Resp: 342617
Ion Ratio Lower Upper
117 100
82 60.1 48.6 73.0
119 31.6 25.8 38.8

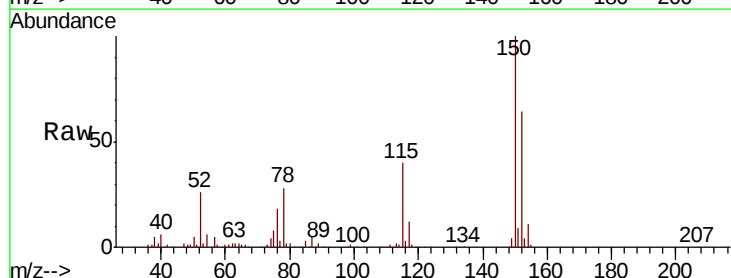


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027987.D
Acq: 06 Nov 2018 15:14

Tgt Ion:152 Resp: 144126
Ion Ratio Lower Upper
152 100
115 60.7 43.0 129.0
150 156.2 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

