

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111318\
 Data File : VU028082.D
 Acq On : 13 Nov 2018 11:06
 Operator : MD/SY
 Sample : VU1113WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1113WBL01

Quant Time: Nov 14 07:13:38 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	4.98	168	175411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	335046	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	298200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	114426	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	151134	57.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.90%	
35) Dibromofluoromethane	4.88	113	109923	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
50) Toluene-d8	7.57	98	432608	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
62) 4-Bromofluorobenzene	10.31	95	139436	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	

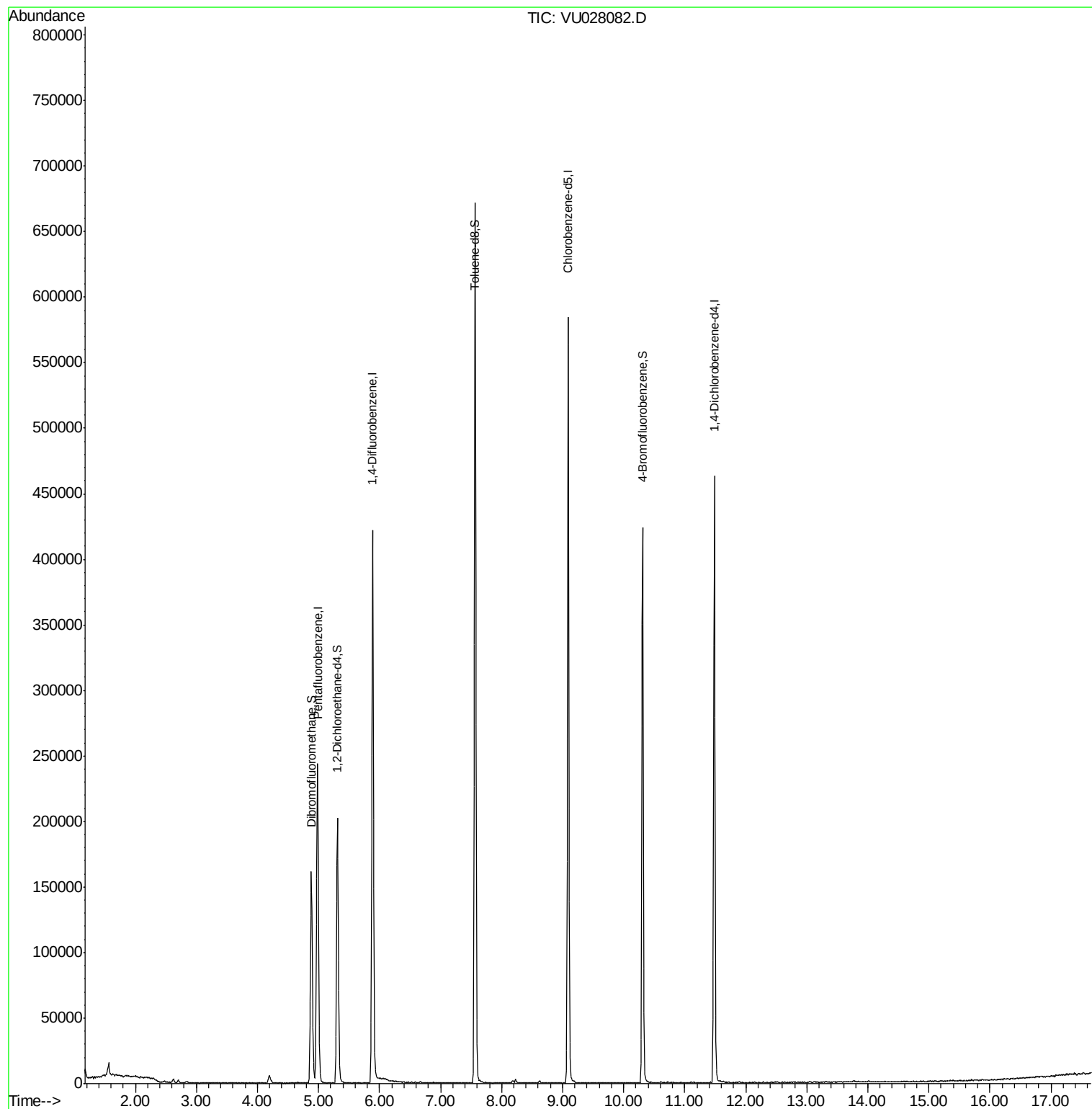
Target Compounds	Qvalue

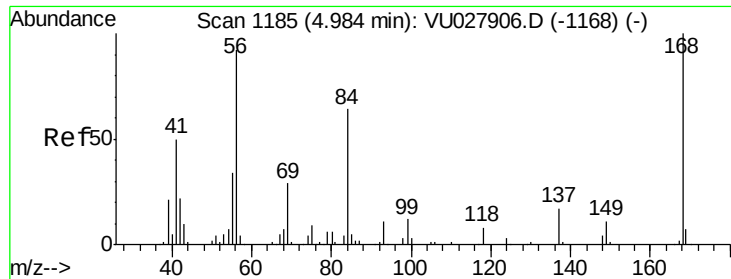
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028082.D

Acq: 13 Nov 2018 11:06

Instrument :

MSVOA_U

ClientSampleId :

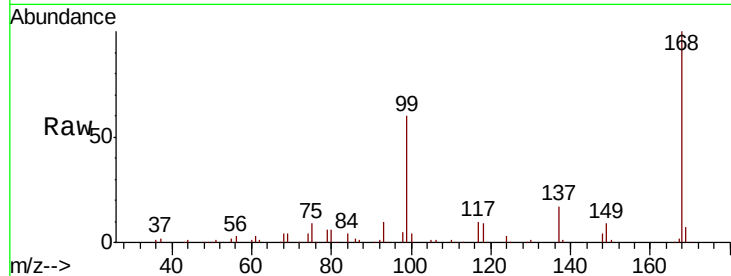
VU1113WBL01

Tot Ion:168 Resp: 175411

Ion Ratio Lower Upper

168 100

99 60.0 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) (-)

4.98

80000

60000

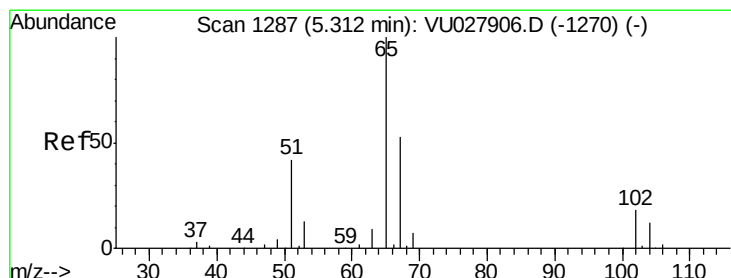
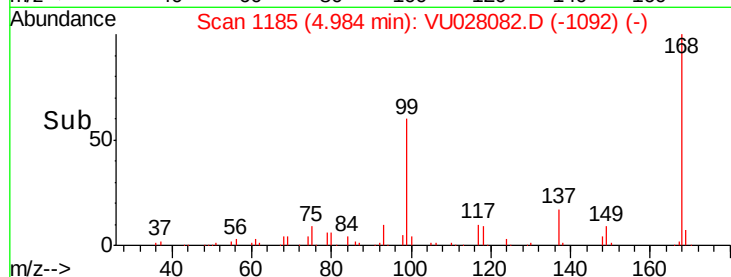
40000

20000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.952 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU028082.D

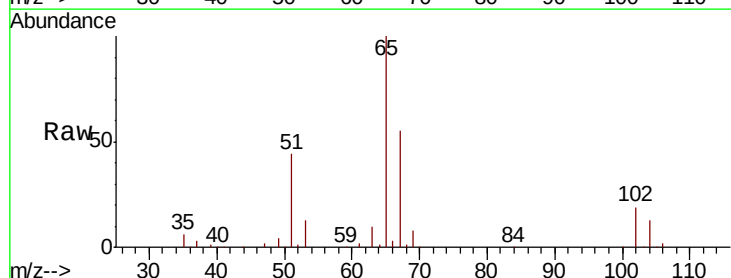
Acq: 13 Nov 2018 11:06

Tgt Ion: 65 Resp: 151134

Ion Ratio Lower Upper

65 100

67 54.2 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

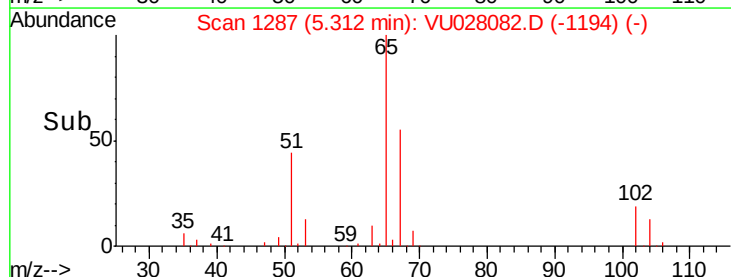
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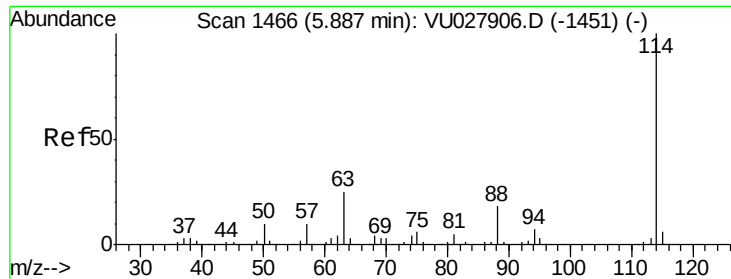
20000

0

5.20 5.30 5.40

Time-->

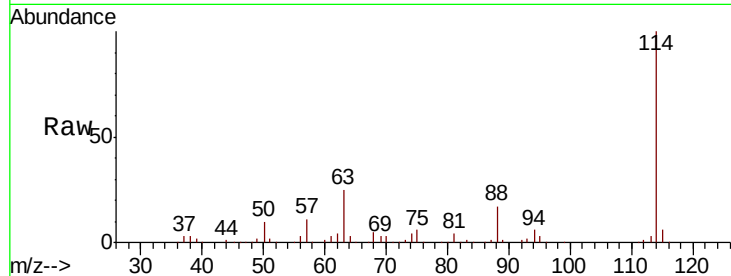




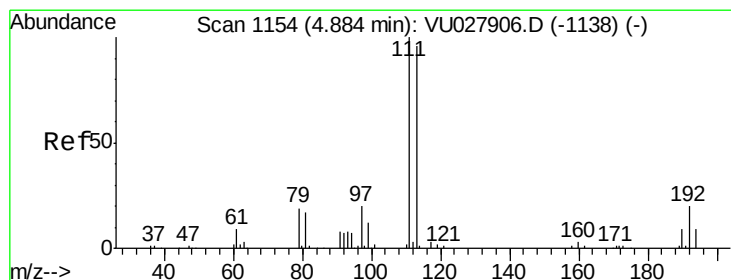
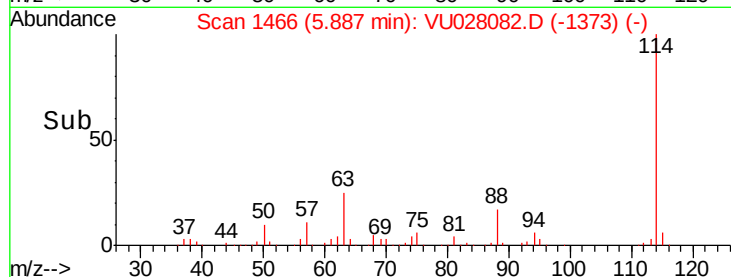
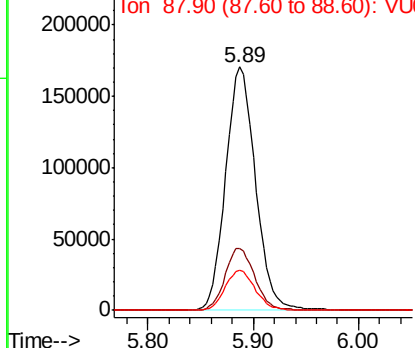
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028082.D
 Acq: 13 Nov 2018 11:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1113WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.4	0.0	50.8
88	16.6	0.0	35.8

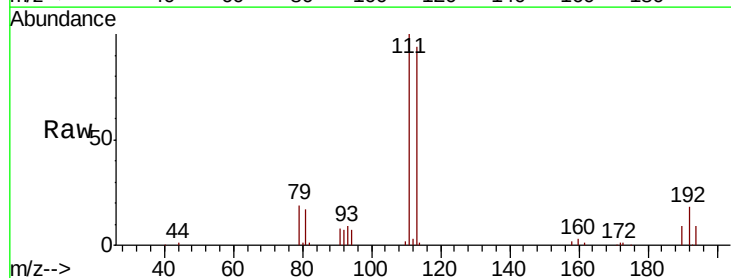


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

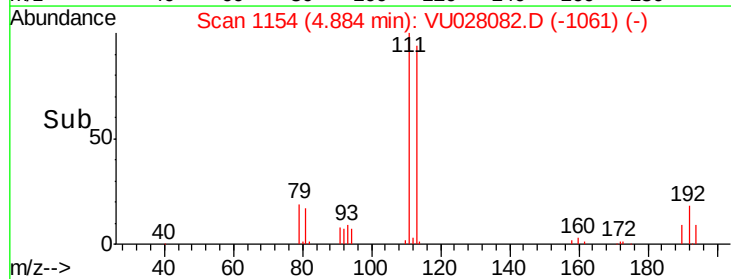
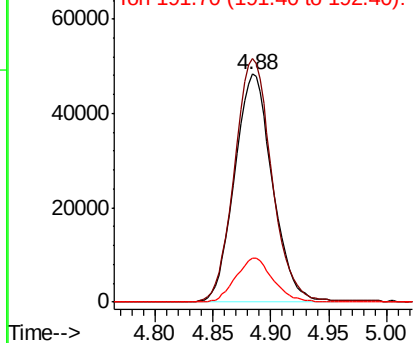


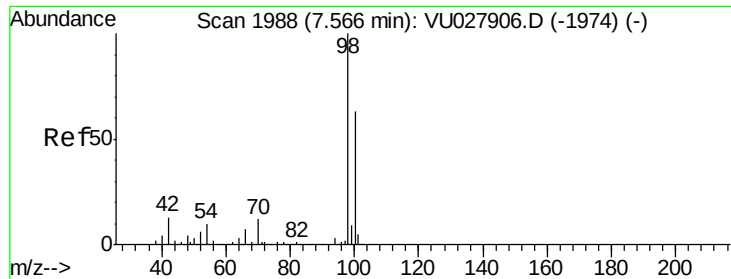
#35
 Dibromofluoromethane
 Concen: 52.034 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028082.D
 Acq: 13 Nov 2018 11:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.0	83.0	124.6
192	19.1	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

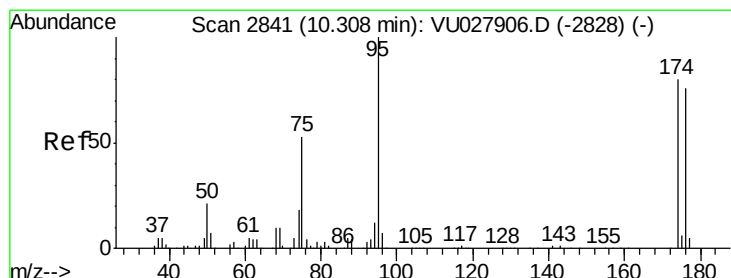
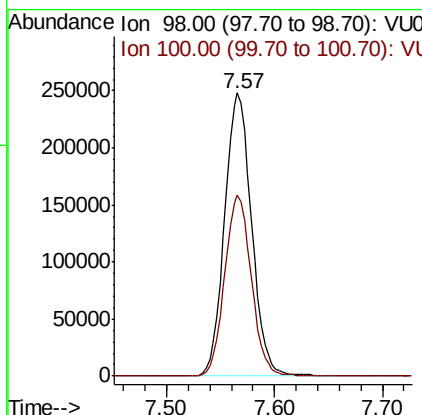
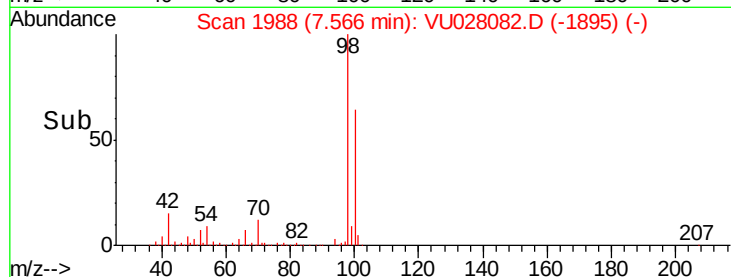
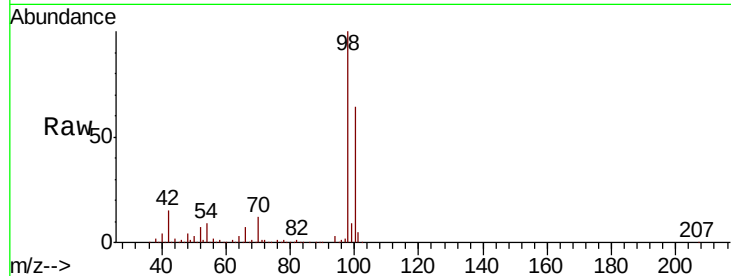




#50
Toluene-d8
Concen: 53.013 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028082.D
Acq: 13 Nov 2018 11:06

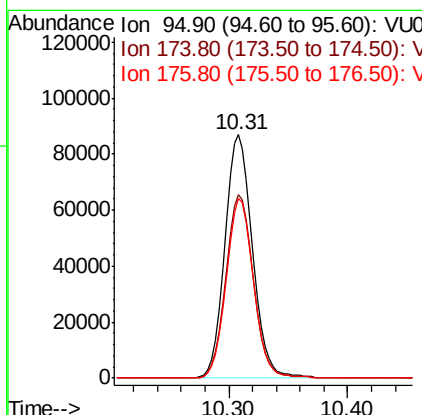
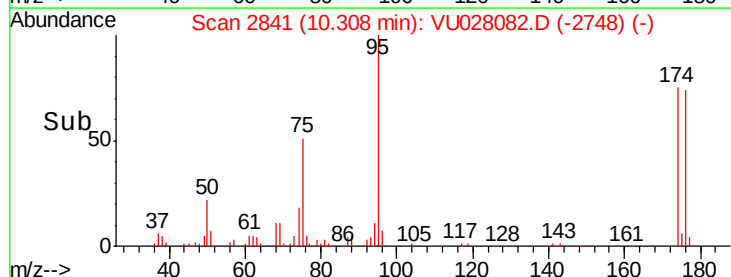
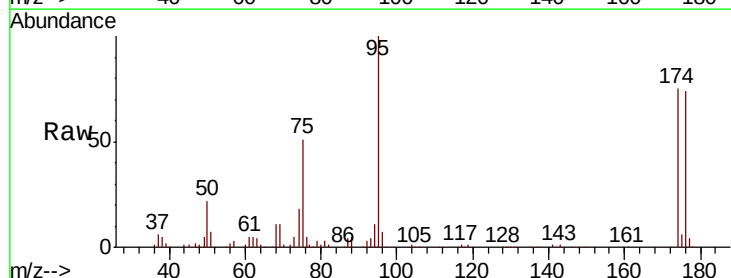
Instrument :
MSVOA_U
ClientSampleId :
VU1113WBL01

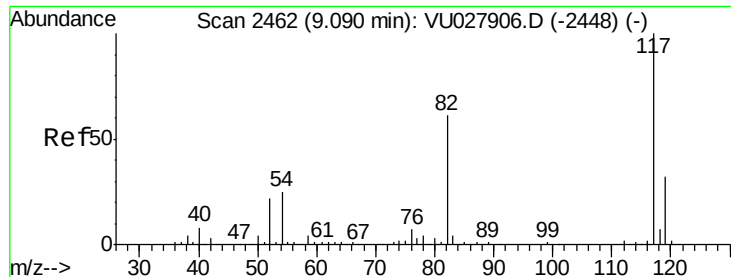
Tot Ion: 98 Resp: 432608
Ion Ratio Lower Upper
98 100
100 63.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.325 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028082.D
Acq: 13 Nov 2018 11:06

Tgt Ion: 95 Resp: 139436
Ion Ratio Lower Upper
95 100
174 75.5 0.0 156.4
176 73.6 0.0 150.8

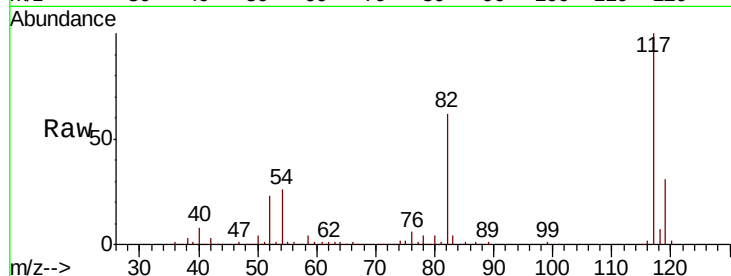




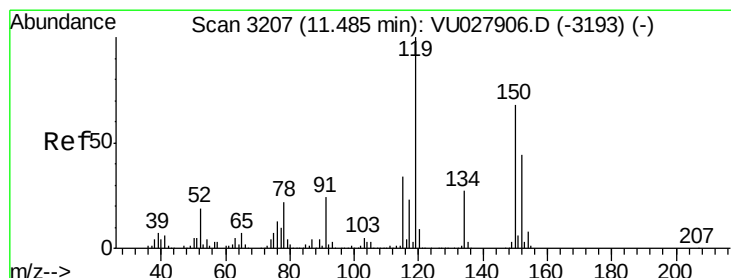
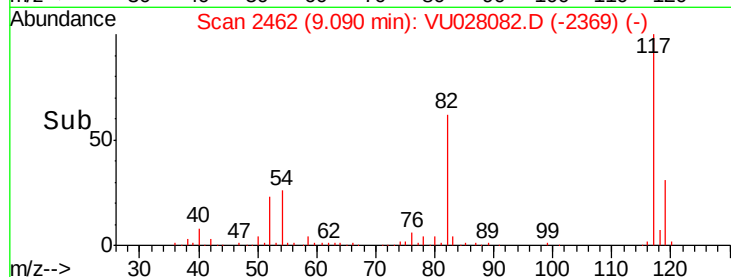
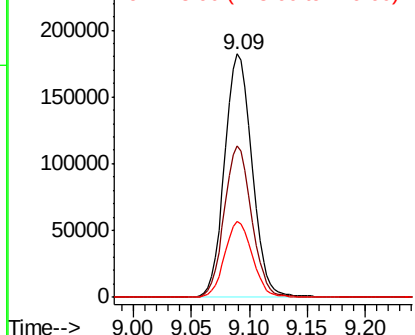
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028082.D
Acq: 13 Nov 2018 11:06

Instrument :
MSVOA_U
ClientSampleId :
VU1113WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.4	48.6	73.0
119	31.0	25.8	38.8

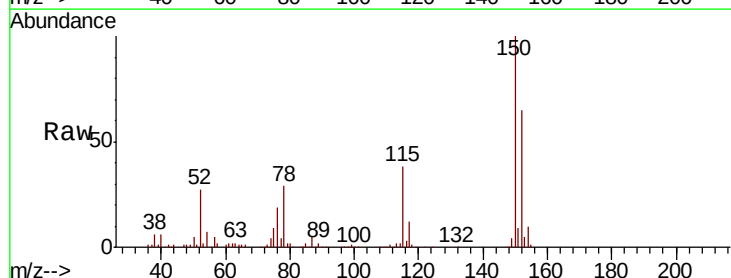


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU028082.D
Acq: 13 Nov 2018 11:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	43.0	129.0
150	157.1	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

