

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101018\
 Data File : VU027532.D
 Acq On : 09 Oct 2018 19:35
 Operator : MD/SY
 Sample : J5165-26
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

Quant Time: Oct 10 06:52:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	108857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	199065	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	170620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	67756	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	96804	53.26	ug/l	0.00
Spiked Amount			Recovery	=	106.52%	
35) Dibromofluoromethane	4.89	113	64324	47.15	ug/l	0.00
Spiked Amount			Recovery	=	94.30%	
50) Toluene-d8	7.57	98	250442	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	10.31	95	76800	40.47	ug/l	0.00
Spiked Amount			Recovery	=	80.94%	

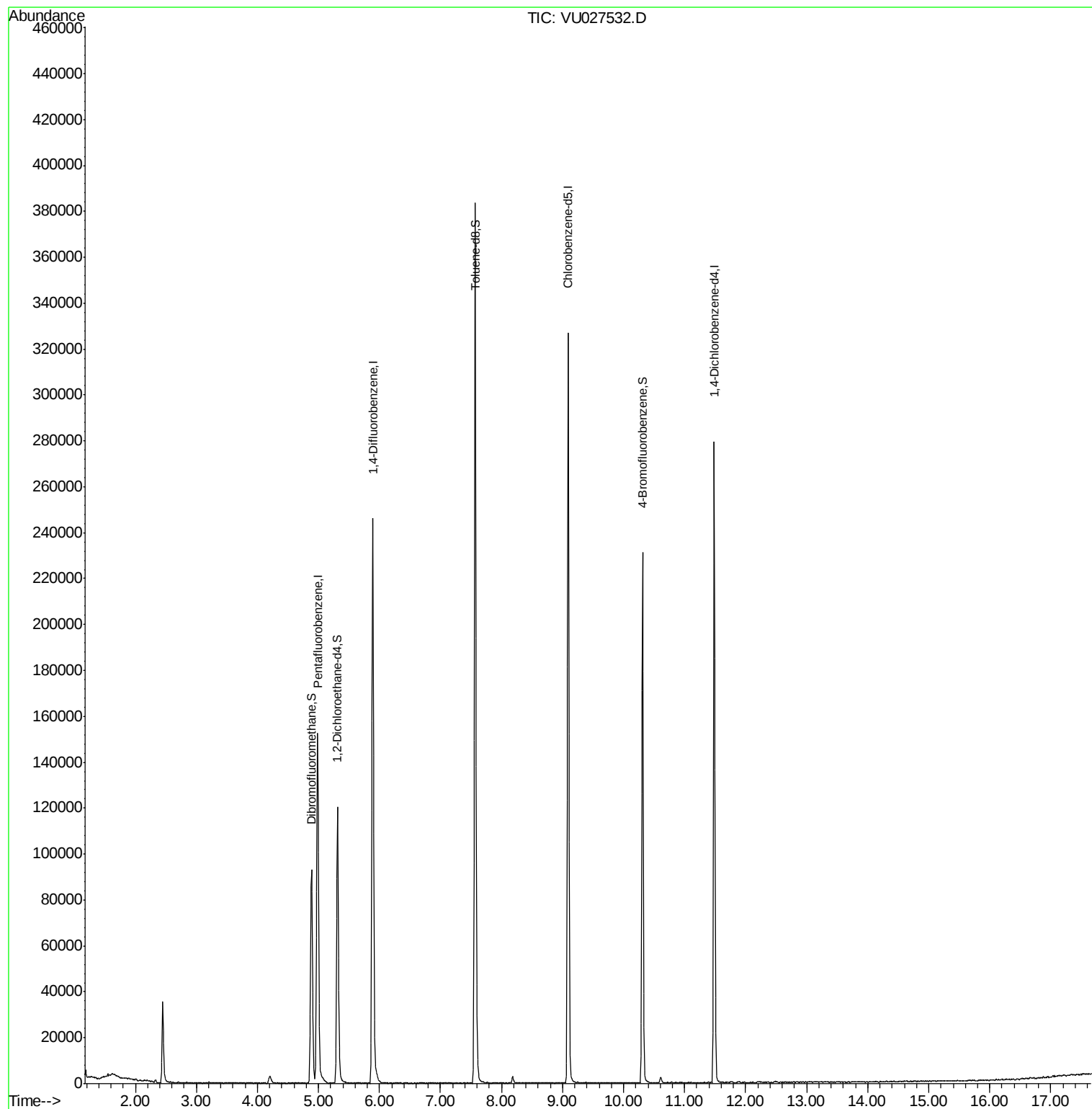
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027532.D

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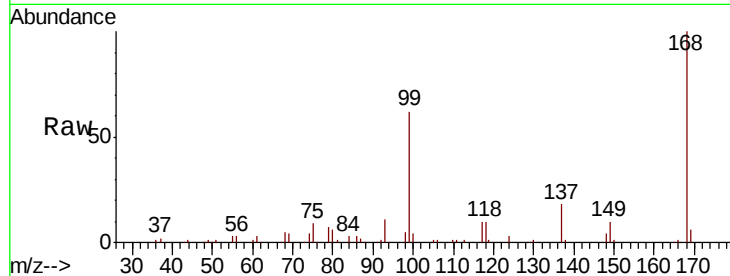
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

Tot Ion:168 Resp: 108857

Ion Ratio Lower Upper

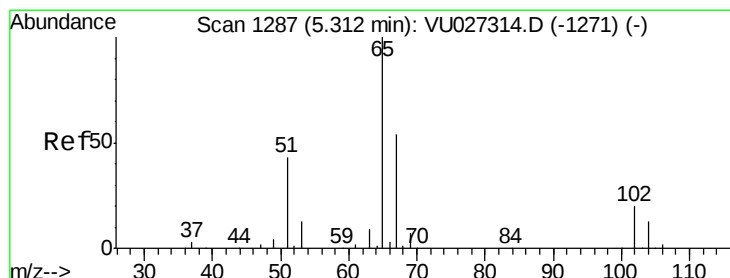
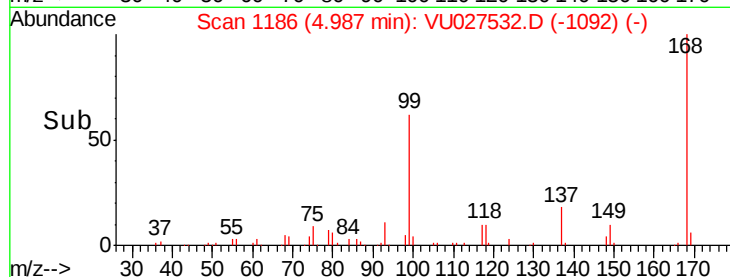
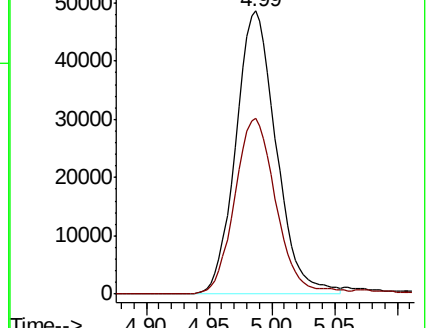
168 100

99 62.0 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.256 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027532.D

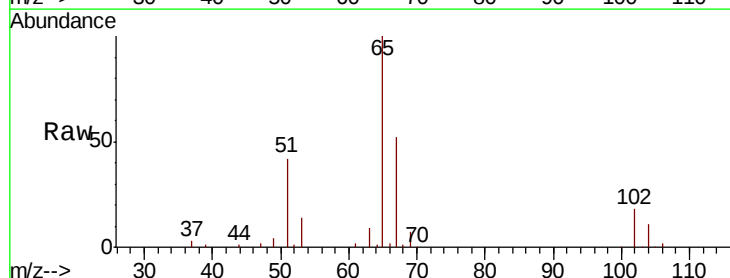
Acq: 09 Oct 2018 19:35

Tgt Ion: 65 Resp: 96804

Ion Ratio Lower Upper

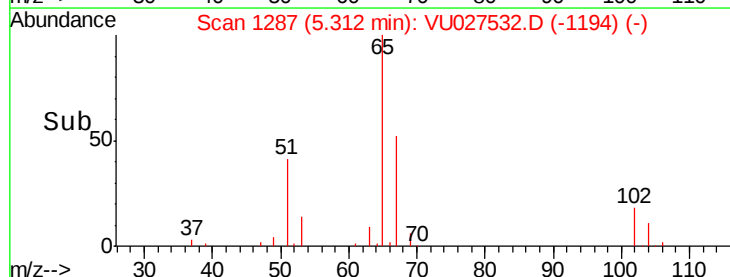
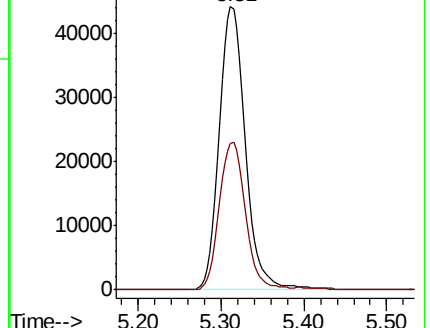
65 100

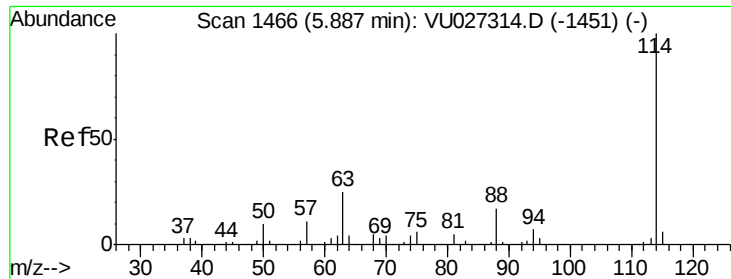
67 52.1 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU027314.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU027314.D (-1271) (-)

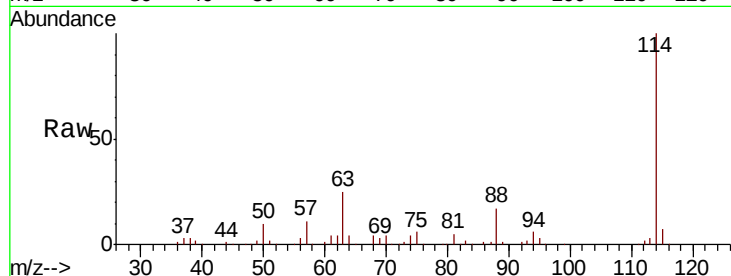




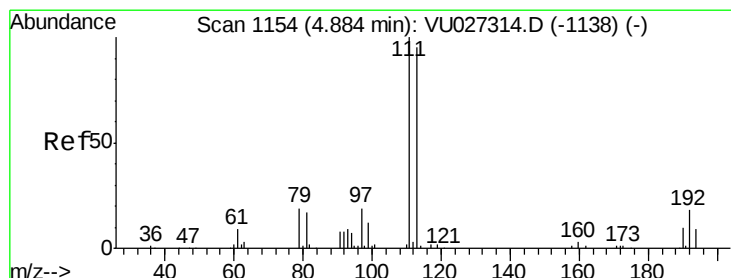
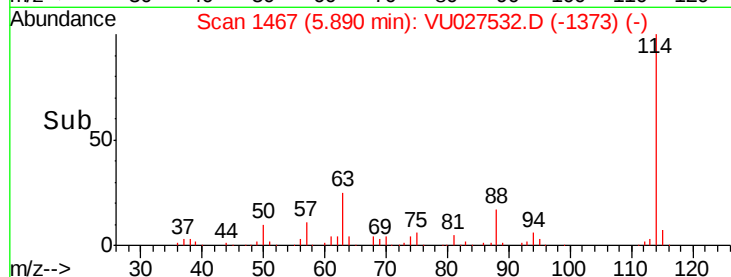
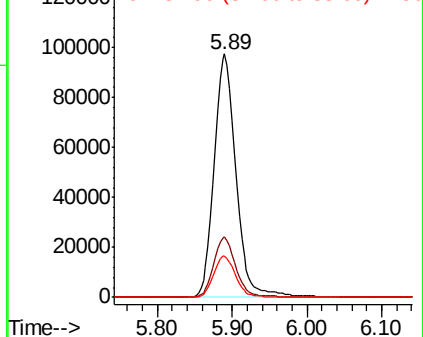
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027532.D
 Acq: 09 Oct 2018 19:35

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

Tot Ion:114 Resp: 199065
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 50.2
 88 17.0 0.0 33.8

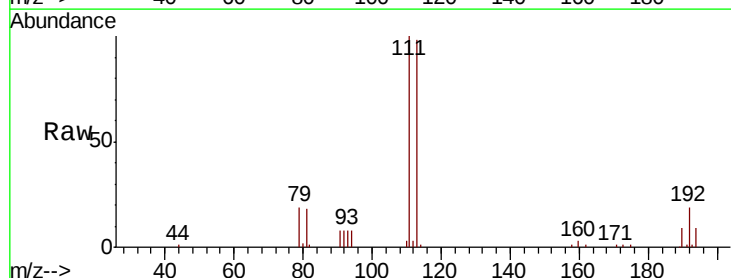


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

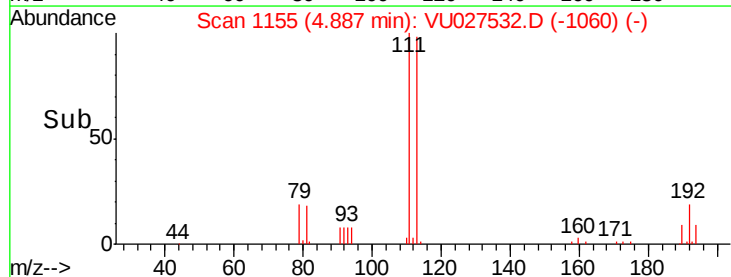
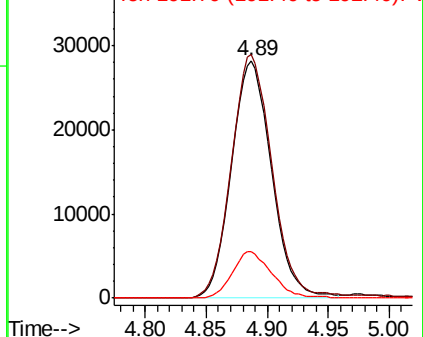


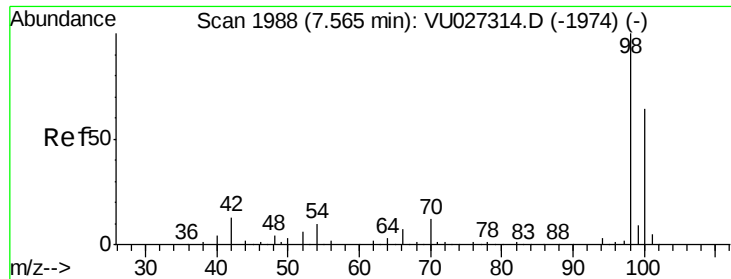
#35
 Dibromofluoromethane
 Concen: 47.150 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027532.D
 Acq: 09 Oct 2018 19:35

Tgt Ion:113 Resp: 64324
 Ion Ratio Lower Upper
 113 100
 111 104.2 83.1 124.7
 192 19.3 15.4 23.0



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

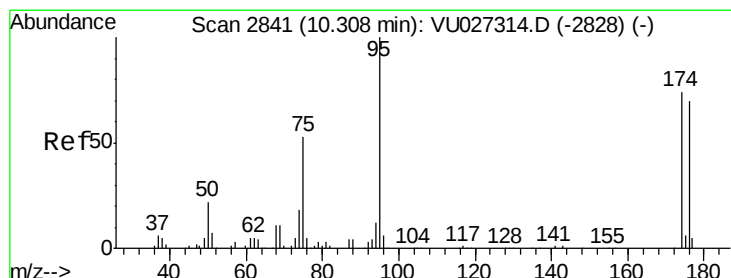
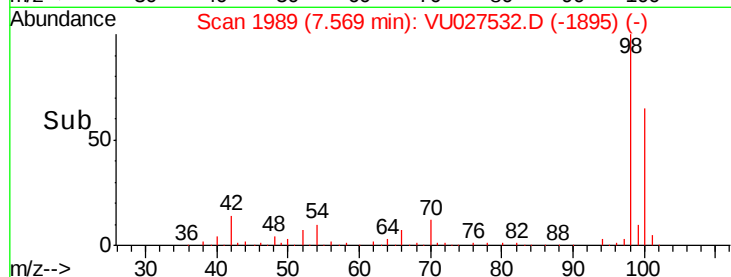
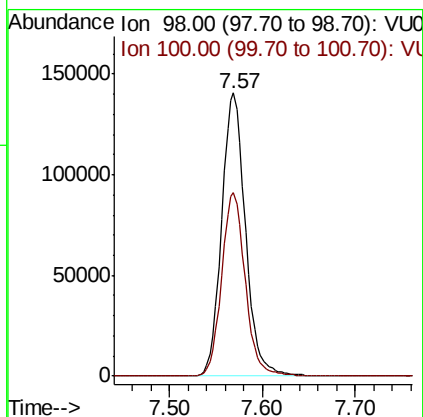
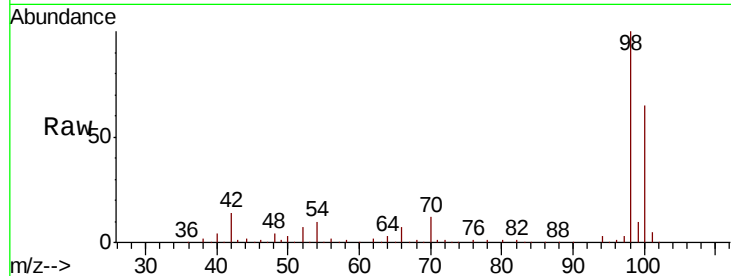




#50
Toluene-d8
Concen: 49.049 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027532.D
Acq: 09 Oct 2018 19:35

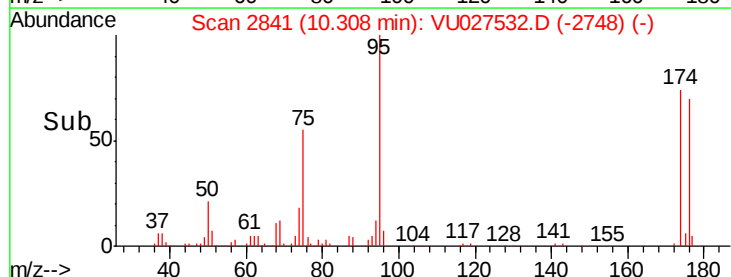
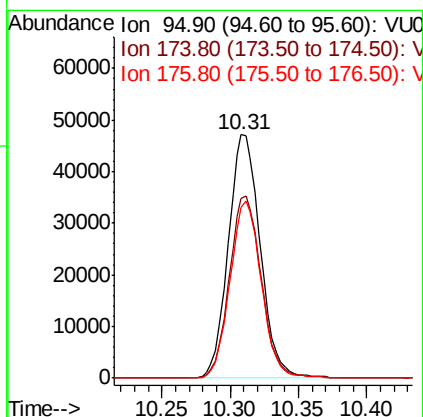
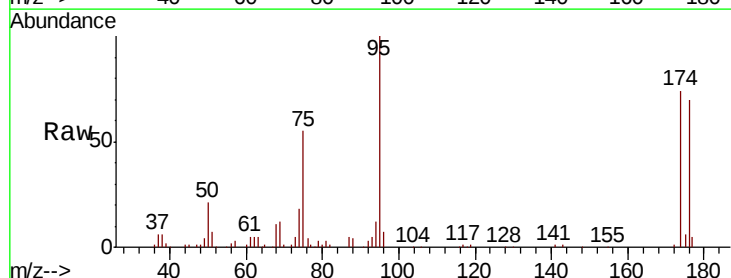
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

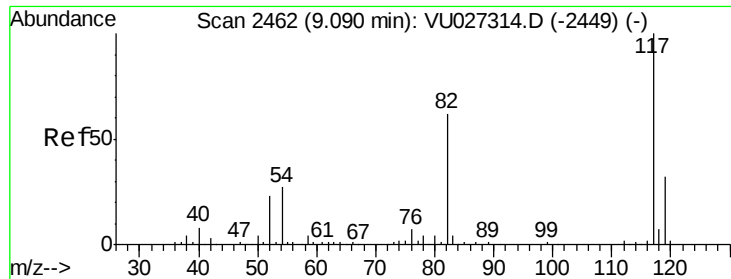
Tot Ion: 98 Resp: 250442
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.473 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027532.D
Acq: 09 Oct 2018 19:35

Tgt Ion: 95 Resp: 76800
Ion Ratio Lower Upper
95 100
174 75.0 0.0 147.8
176 71.4 0.0 140.8

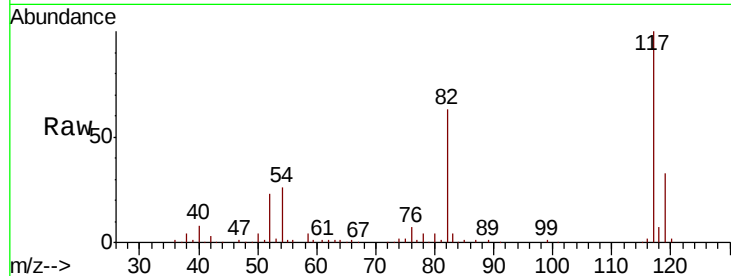




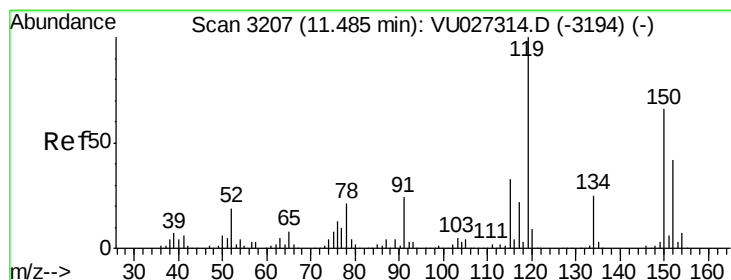
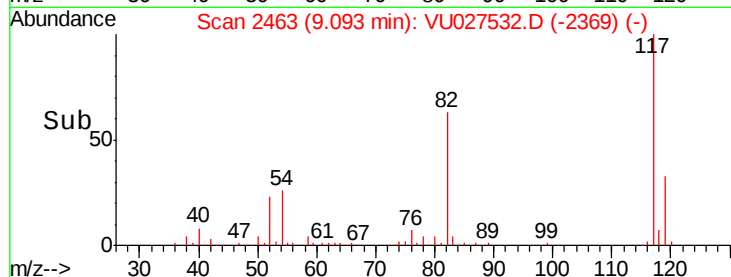
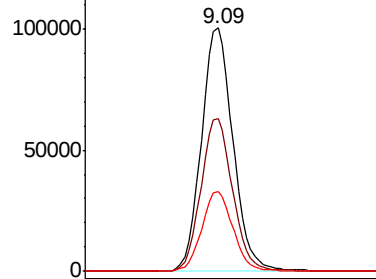
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027532.D
Acq: 09 Oct 2018 19:35

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

Tot Ion:117 Resp: 170620
Ion Ratio Lower Upper
117 100
82 62.5 49.2 73.8
119 32.7 25.7 38.5

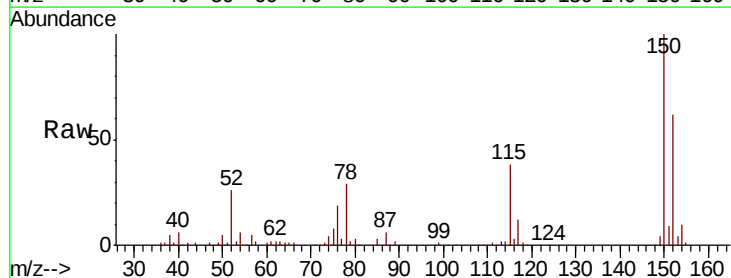


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027532.D
Acq: 09 Oct 2018 19:35

Tgt Ion:152 Resp: 67756
Ion Ratio Lower Upper
152 100
115 62.2 43.4 130.2
150 157.9 0.0 349.2



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

