

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121318\
 Data File : VU028662.D
 Acq On : 12 Dec 2018 19:12
 Operator : MD/SY
 Sample : J6343-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW312S-20181210

Quant Time: Dec 13 03:16:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	85746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	156731	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	139264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	51503	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	70656	54.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.00%	
35) Dibromofluoromethane	4.88	113	53333	54.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.14%	
50) Toluene-d8	7.56	98	201528	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	10.30	95	65056	44.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.22%	

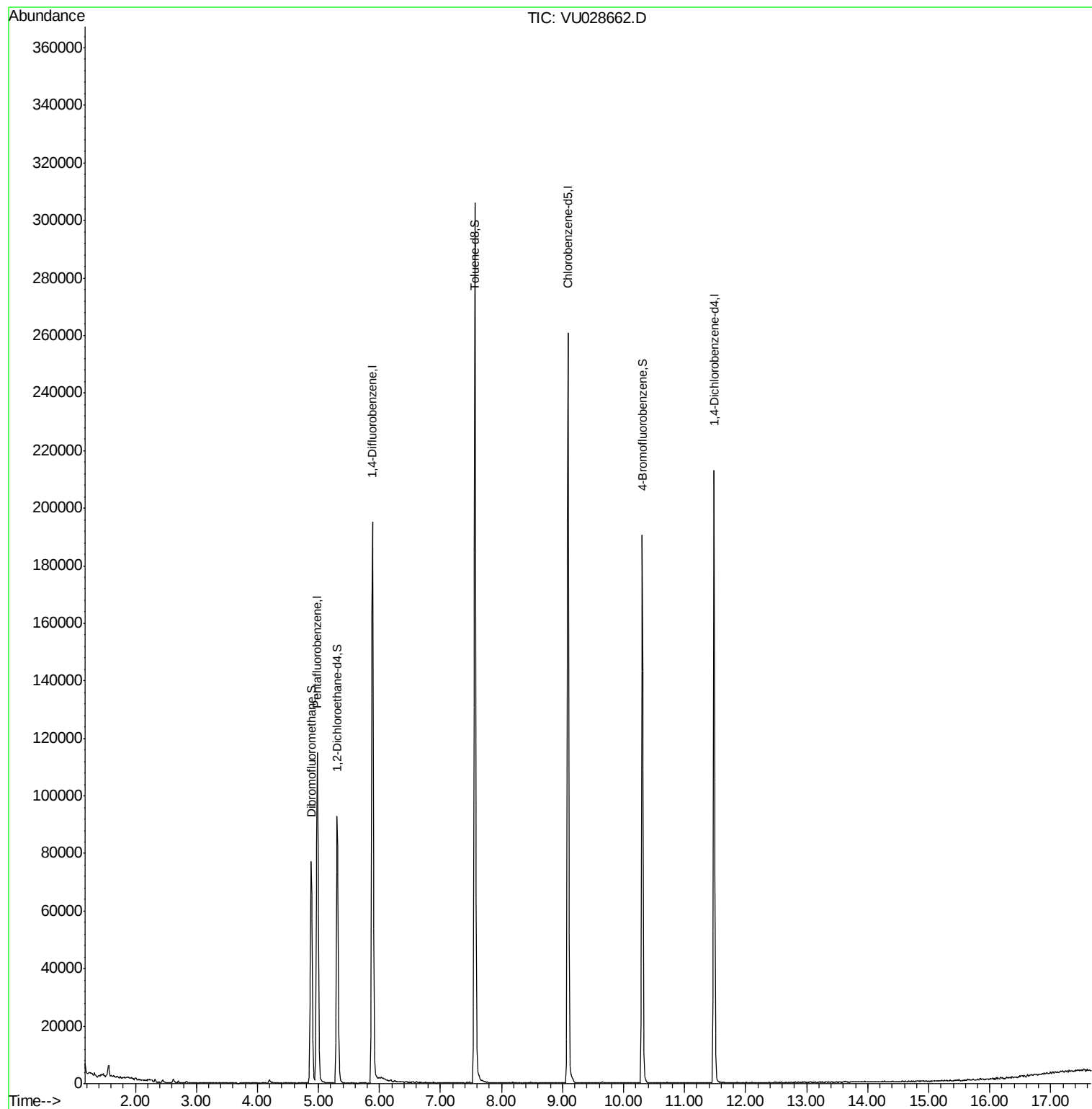
Target Compounds	Qvalue
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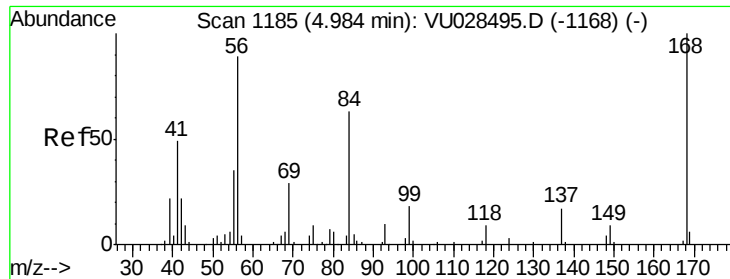
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028662.D

Acq: 12 Dec 2018 19:12

Instrument :

MSVOA_U

ClientSampleId :

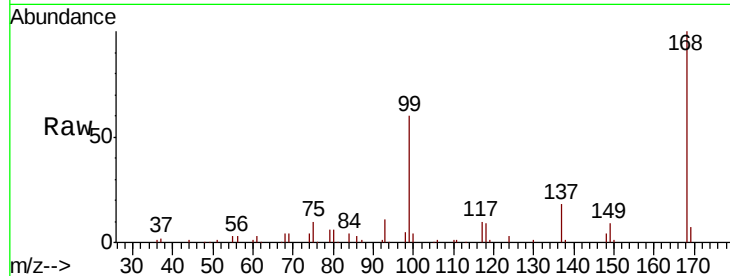
BPS1-TT-MW312S-20181210

Tot Ion:168 Resp: 85746

Ion Ratio Lower Upper

168 100

99 60.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

40000

30000

20000

10000

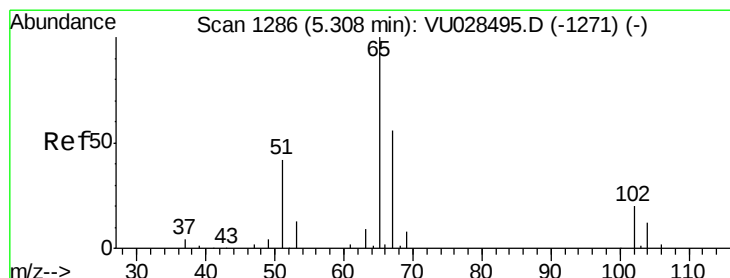
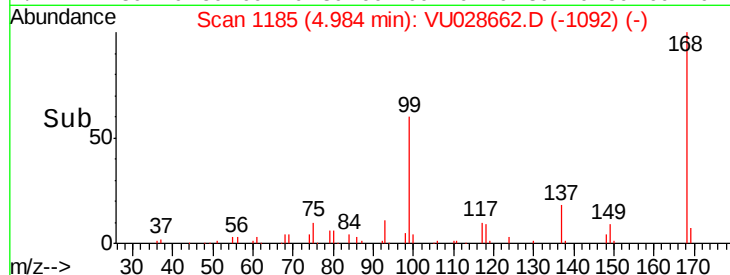
0

4.90

5.00

5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.996 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028662.D

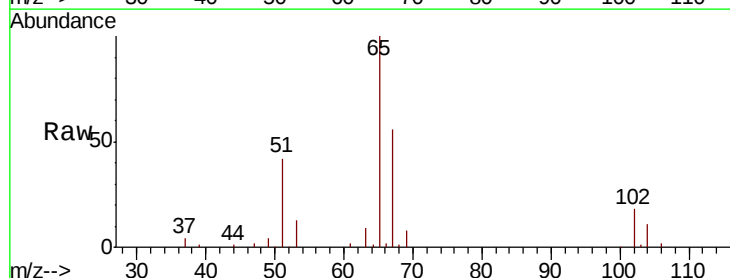
Acq: 12 Dec 2018 19:12

Tgt Ion: 65 Resp: 70656

Ion Ratio Lower Upper

65 100

67 55.5 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU028495.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU028495.D (-1271) (-)

5.31

30000

20000

10000

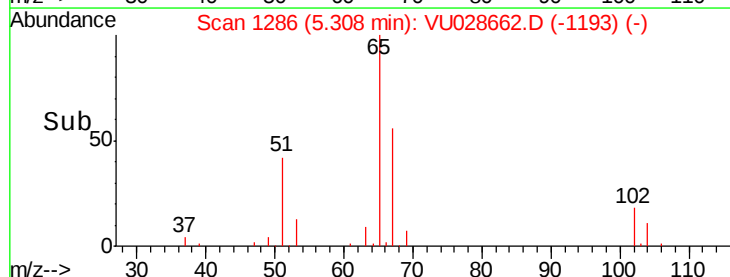
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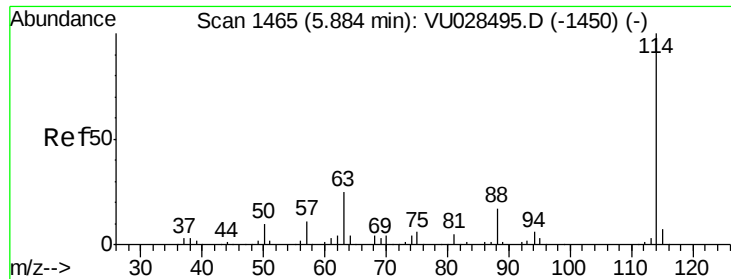
5.20

5.30

5.40

Time-->

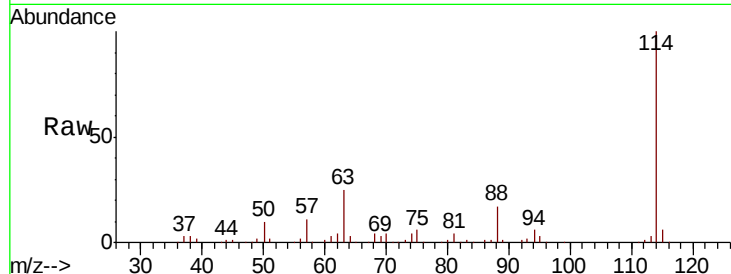




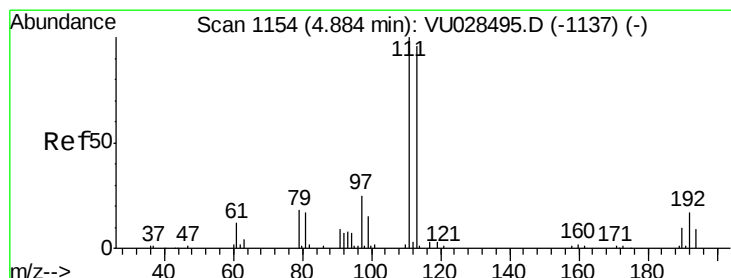
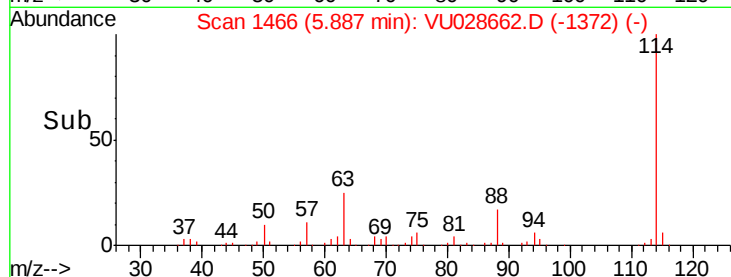
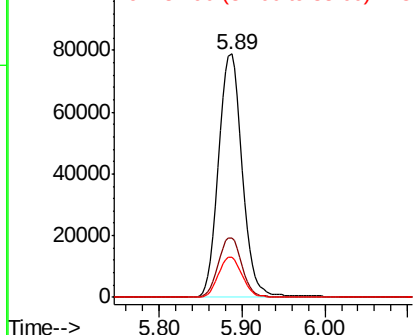
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. 0.00 min
Lab File: VU028662.D
Acq: 12 Dec 2018 19:12

Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW312S-20181210

Tot Ion:114 Resp: 156731
Ion Ratio Lower Upper
114 100
63 24.6 0.0 49.2
88 16.7 0.0 33.4

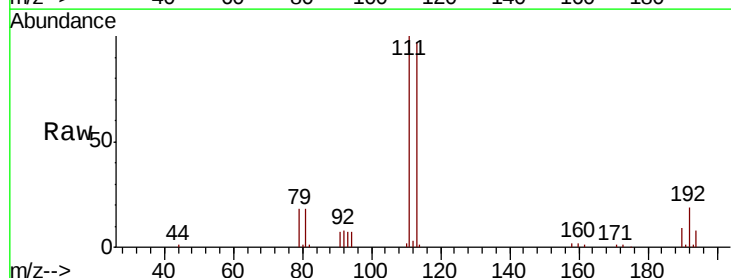


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

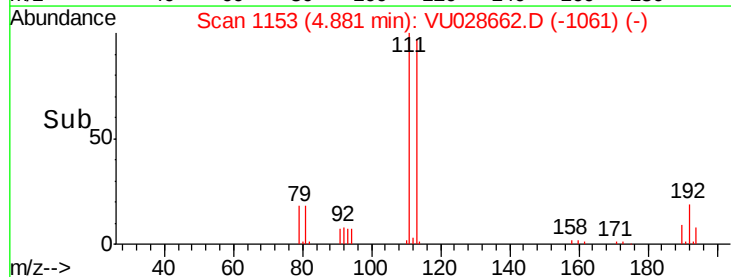
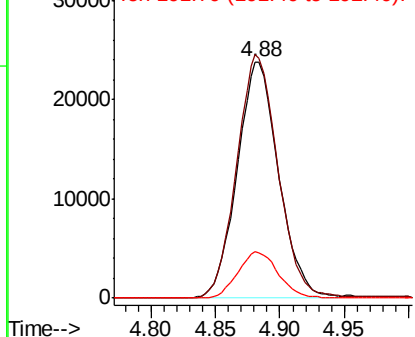


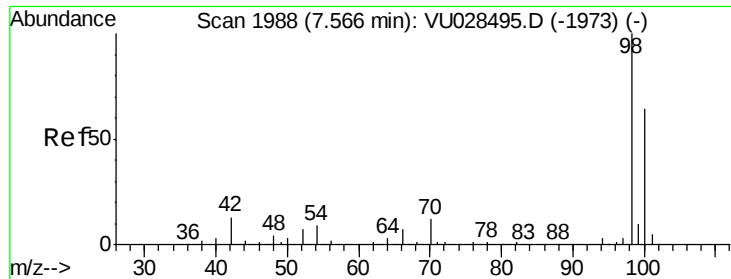
#35
Dibromofluoromethane
Concen: 54.073 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028662.D
Acq: 12 Dec 2018 19:12

Tgt Ion:113 Resp: 53333
Ion Ratio Lower Upper
113 100
111 102.5 83.4 125.0
192 18.9 14.8 22.2



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

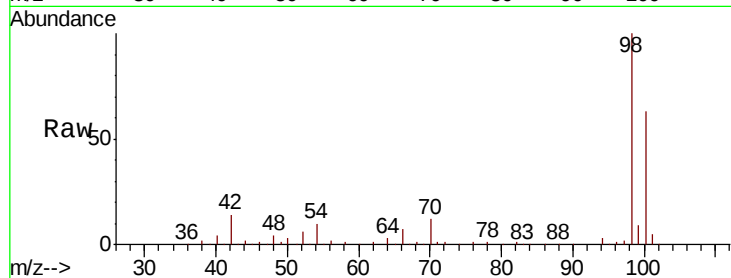




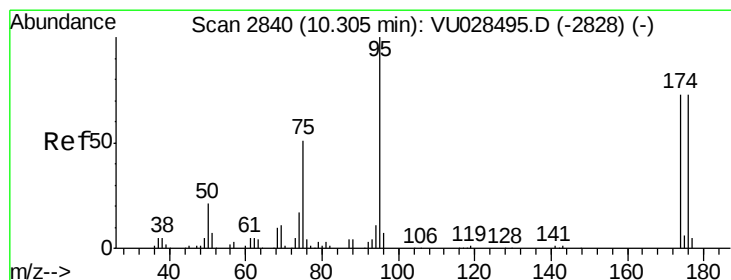
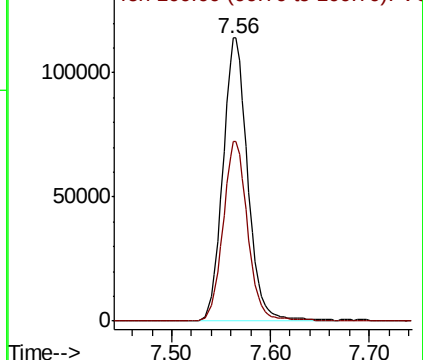
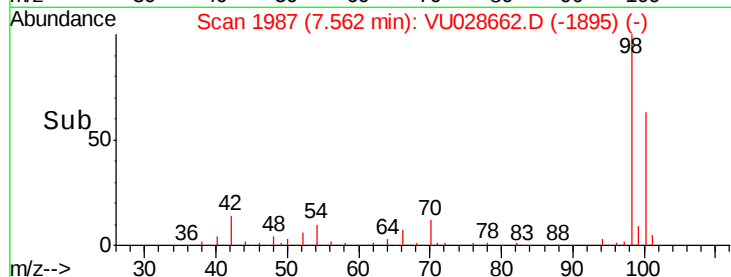
#50
Toluene-d8
Concen: 51.651 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028662.D
Acq: 12 Dec 2018 19:12

Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW312S-20181210

Tot Ion: 98 Resp: 201528
Ion Ratio Lower Upper
98 100
100 63.4 51.0 76.6

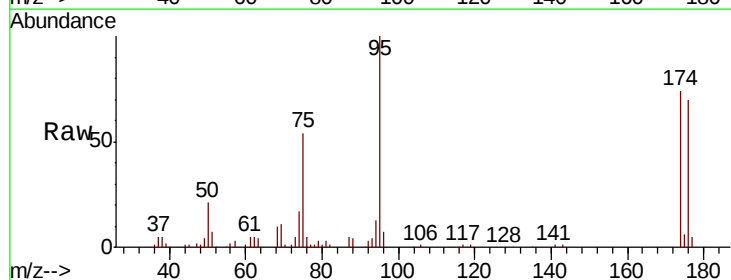


Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)
Ion 100.00 (99.70 to 100.70): VU028662.D (-1895) (-)

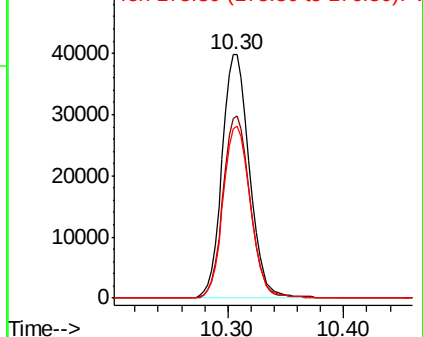
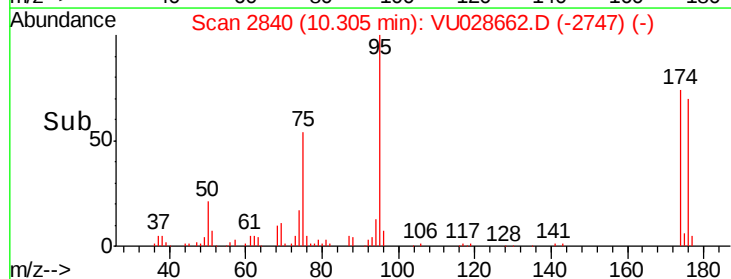


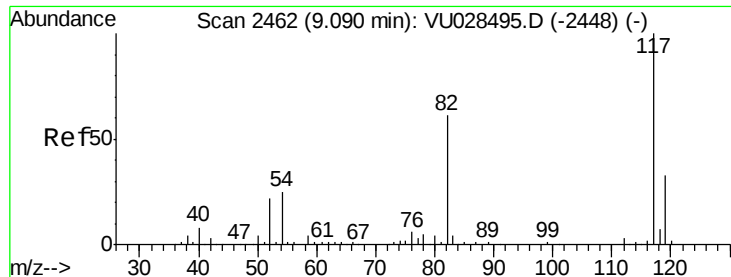
#62
4-Bromofluorobenzene
Concen: 44.610 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028662.D
Acq: 12 Dec 2018 19:12

Tgt Ion: 95 Resp: 65056
Ion Ratio Lower Upper
95 100
174 74.0 0.0 150.4
176 70.5 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU028662.D (-2747) (-)
Ion 175.80 (175.50 to 176.50): VU028662.D (-2747) (-)

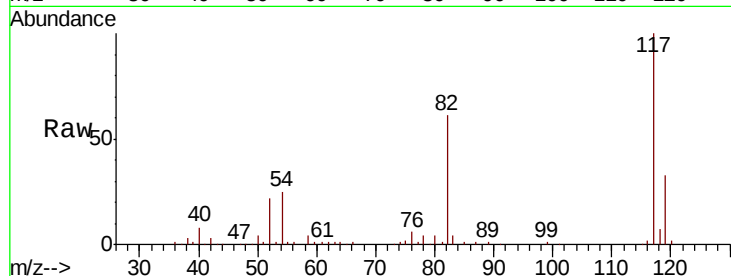




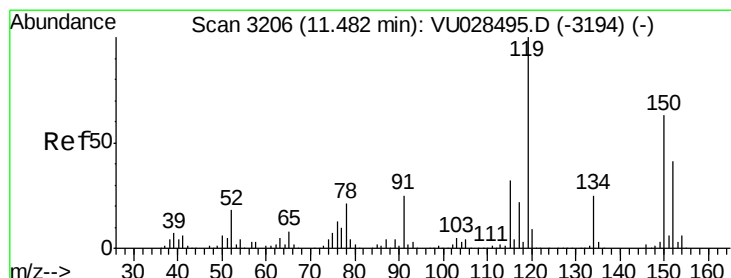
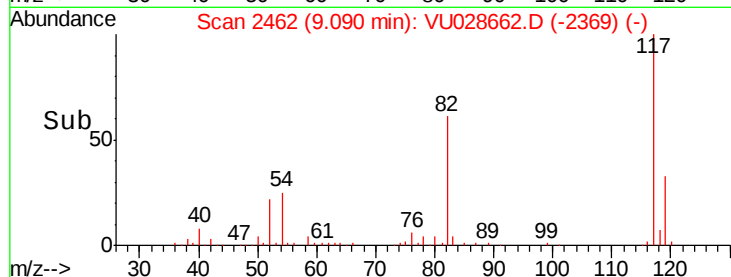
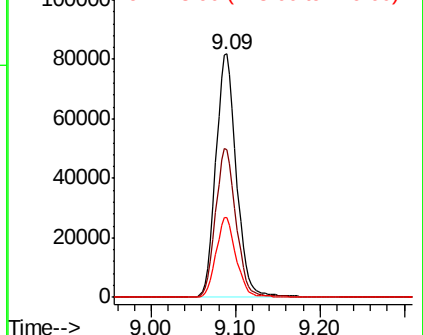
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028662.D
Acq: 12 Dec 2018 19:12

Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW312S-20181210

Tot Ion:117 Resp: 139264
Ion Ratio Lower Upper
117 100
82 60.5 48.9 73.3
119 33.0 26.2 39.4

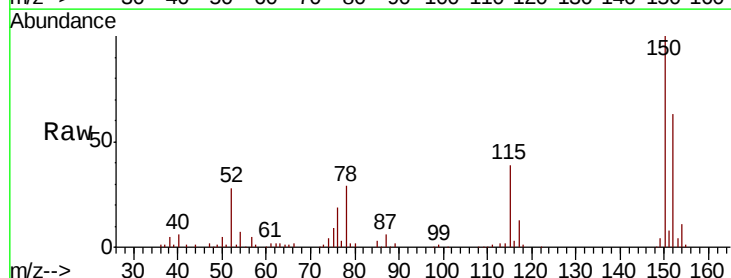


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028662.D
Acq: 12 Dec 2018 19:12

Tgt Ion:152 Resp: 51503
Ion Ratio Lower Upper
152 100
115 61.8 42.7 128.1
150 157.6 0.0 346.0



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

