

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092218\
 Data File : VU027024.D
 Acq On : 22 Sep 2018 18:31
 Operator : MD/SY
 Sample : J4958-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-AOC22-MW03-20180915

Quant Time: Sep 24 12:14:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	94760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	158595	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	153010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	74346	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	97148	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	
35) Dibromofluoromethane	4.88	113	66601	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
50) Toluene-d8	7.57	98	249333	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	
62) 4-Bromofluorobenzene	10.31	95	83341	46.36	ug/l	0.00
Spiked Amount			Recovery	=	92.72%	

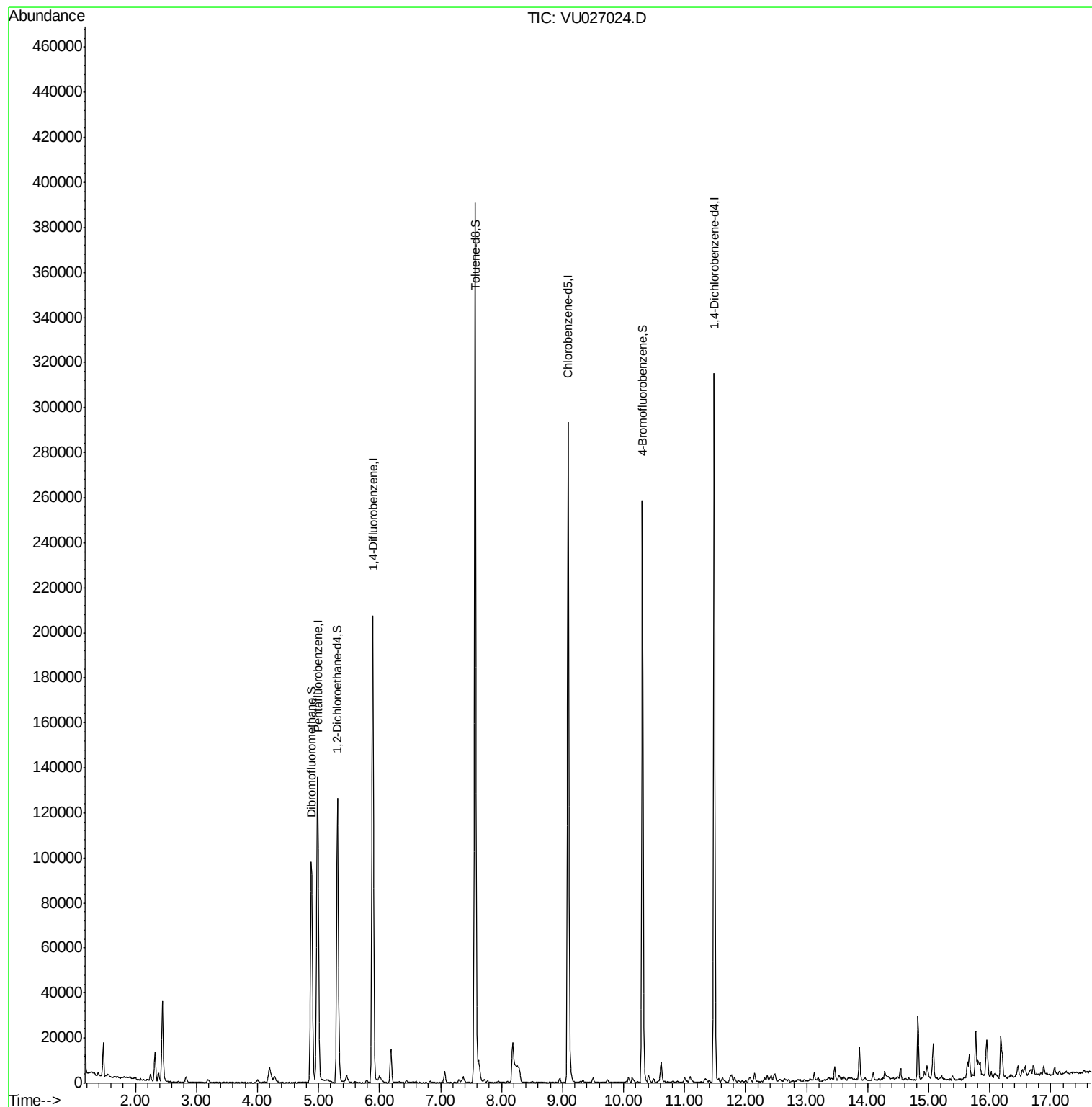
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027024.D

Acq: 22 Sep 2018 18:31

Instrument :

MSVOA_U

ClientSampleId :

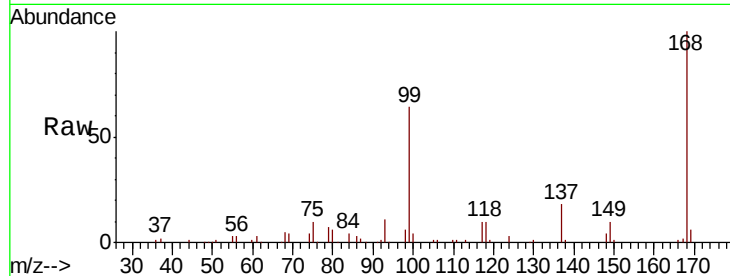
BP-AOC22-MW03-20180915

Tot Ion:168 Resp: 94760

Ion Ratio Lower Upper

168 100

99 64.3 48.1 72.1



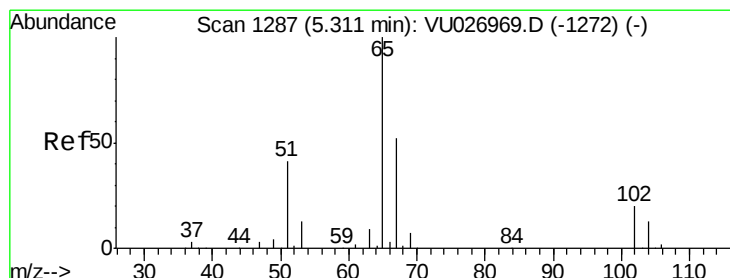
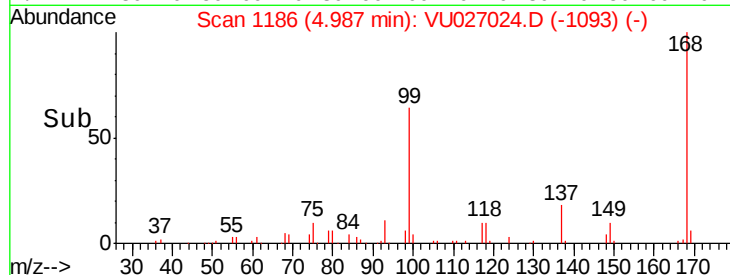
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

4.95 5.00 5.05 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.937 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VU027024.D

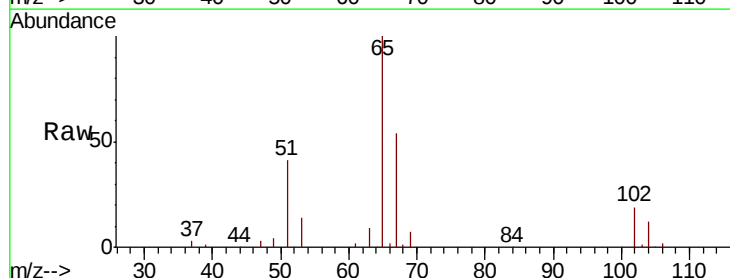
Acq: 22 Sep 2018 18:31

Tgt Ion: 65 Resp: 97148

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.6



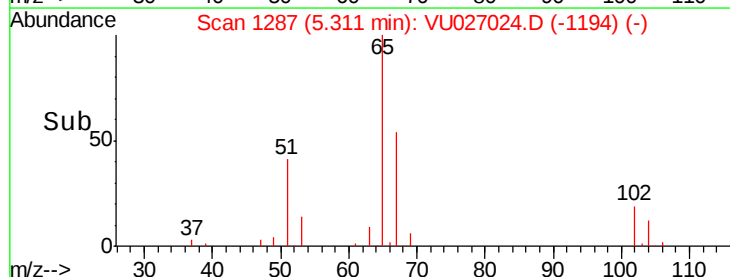
Abundance Ion 64.90 (64.60 to 65.60): VU026969.D (-1272) (-)

Ion 66.90 (66.60 to 67.60): VU026969.D (-1272) (-)

5.31

5.20 5.30 5.40

Time-->

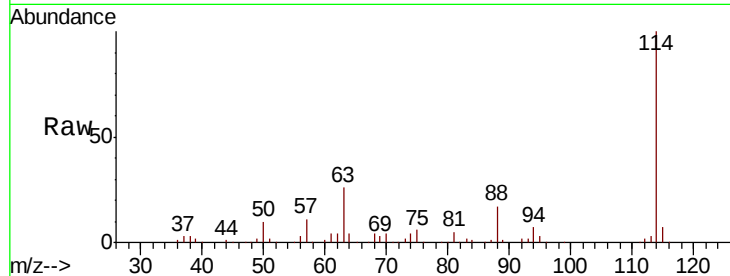




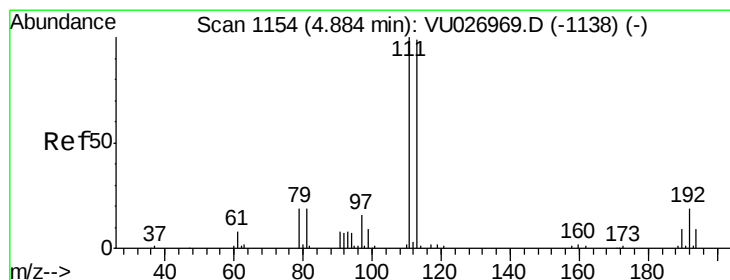
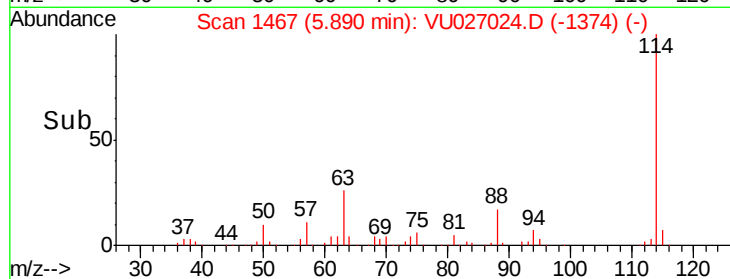
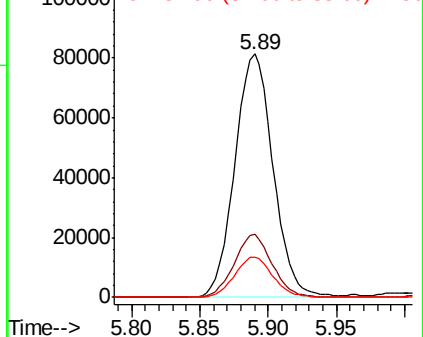
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: VU027024.D
 Acq: 22 Sep 2018 18:31

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-AOC22-MW03-20180915

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.8	0.0	49.2
88	16.7	0.0	33.8

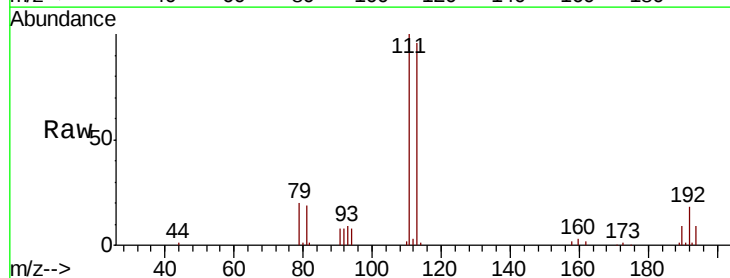


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

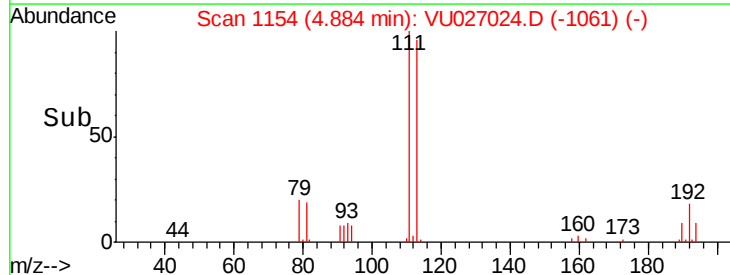
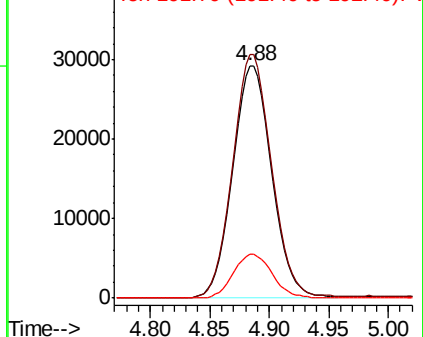


#35
 Dibromofluoromethane
 Concen: 48.447 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU027024.D
 Acq: 22 Sep 2018 18:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.2	123.4
192	18.6	15.2	22.8



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: 47.591 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VU027024.D

Acq: 22 Sep 2018 18:31

Instrument :

MSVOA_U

ClientSampleId :

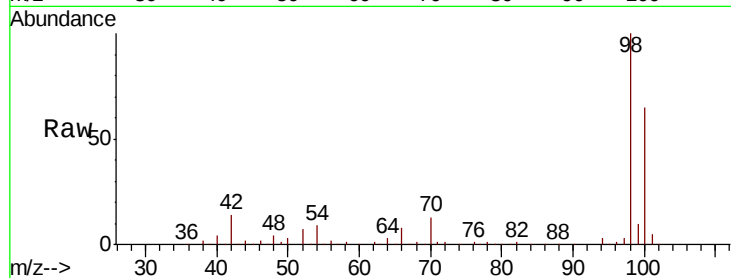
BP-AOC22-MW03-20180915

Tot Ion: 98 Resp: 249333

Ion Ratio Lower Upper

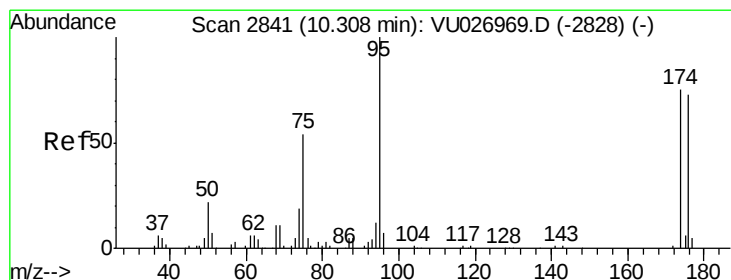
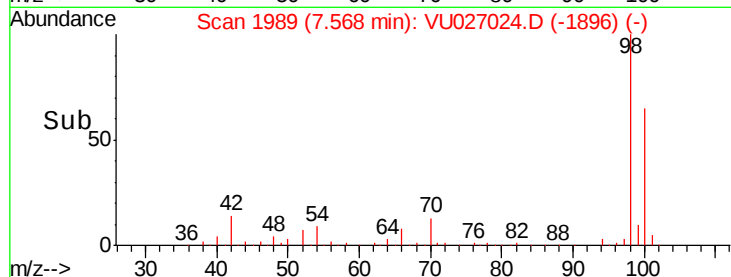
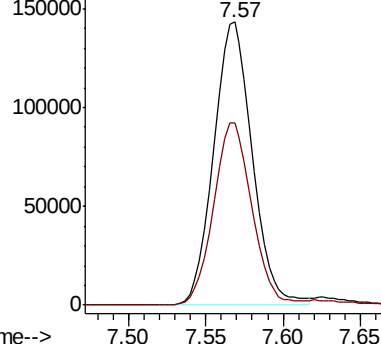
98 100

100 63.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU



#62

4-Bromofluorobenzene

Concen: 46.360 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027024.D

Acq: 22 Sep 2018 18:31

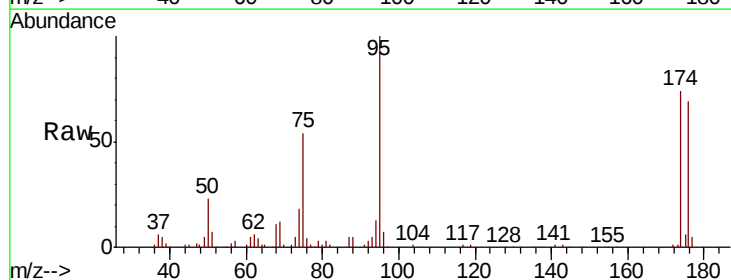
Tgt Ion: 95 Resp: 83341

Ion Ratio Lower Upper

95 100

174 74.6 0.0 150.2

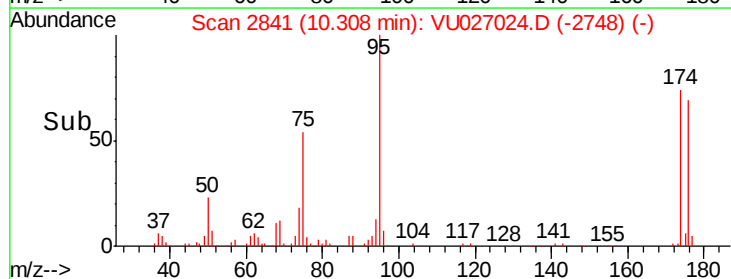
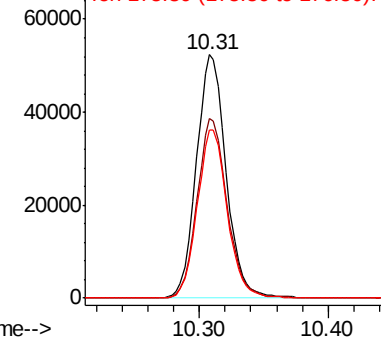
176 69.9 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

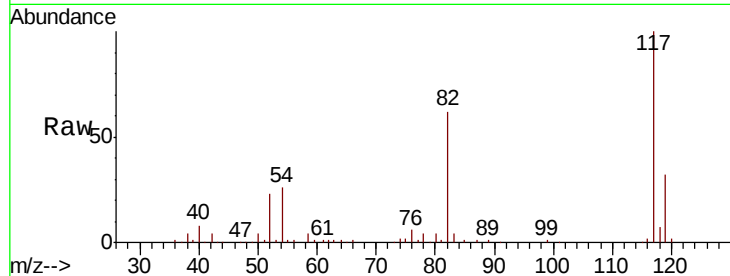




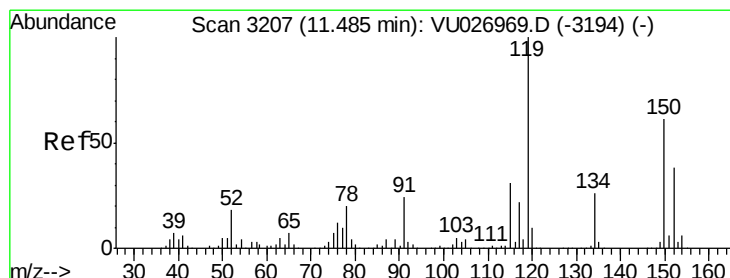
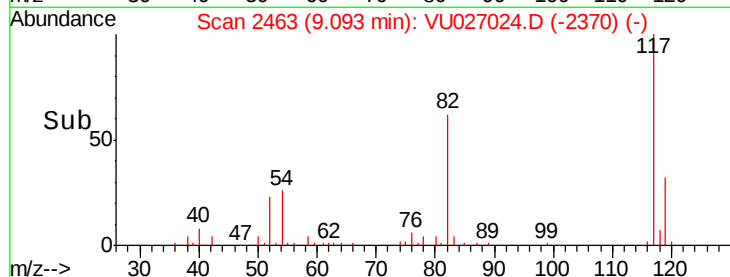
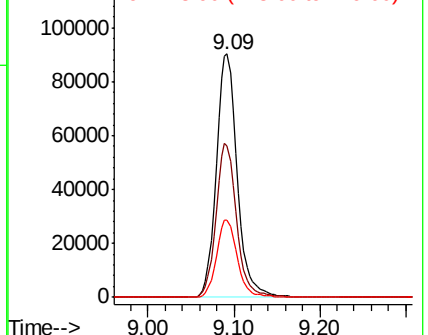
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VU027024.D
Acq: 22 Sep 2018 18:31

Instrument :
MSVOA_U
ClientSampleId :
BP-AOC22-MW03-20180915

Tot Ion:117 Resp: 153010
Ion Ratio Lower Upper
117 100
82 62.0 48.0 72.0
119 31.9 25.8 38.8

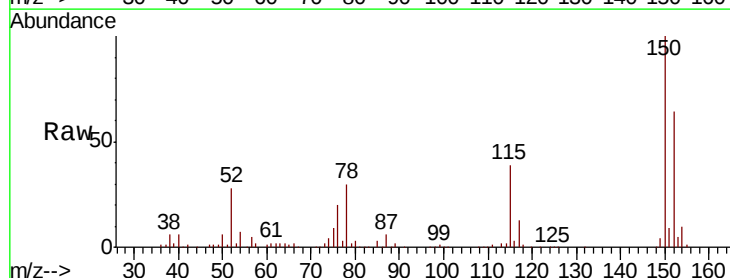


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027024.D
Acq: 22 Sep 2018 18:31

Tgt Ion:152 Resp: 74346
Ion Ratio Lower Upper
152 100
115 60.3 44.9 134.5
150 155.2 0.0 355.8



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

