

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024819.D
 Acq On : 21 Jun 2018 18:31
 Operator : MD/SY
 Sample : J3552-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MWHR2-10-061418

Quant Time: Jun 22 04:48:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	184880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	281995	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	267257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	142259	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	133246	44.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.30%	
35) Dibromofluoromethane	4.89	113	110722	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
50) Toluene-d8	7.57	98	415541	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
62) 4-Bromofluorobenzene	10.31	95	152086	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	

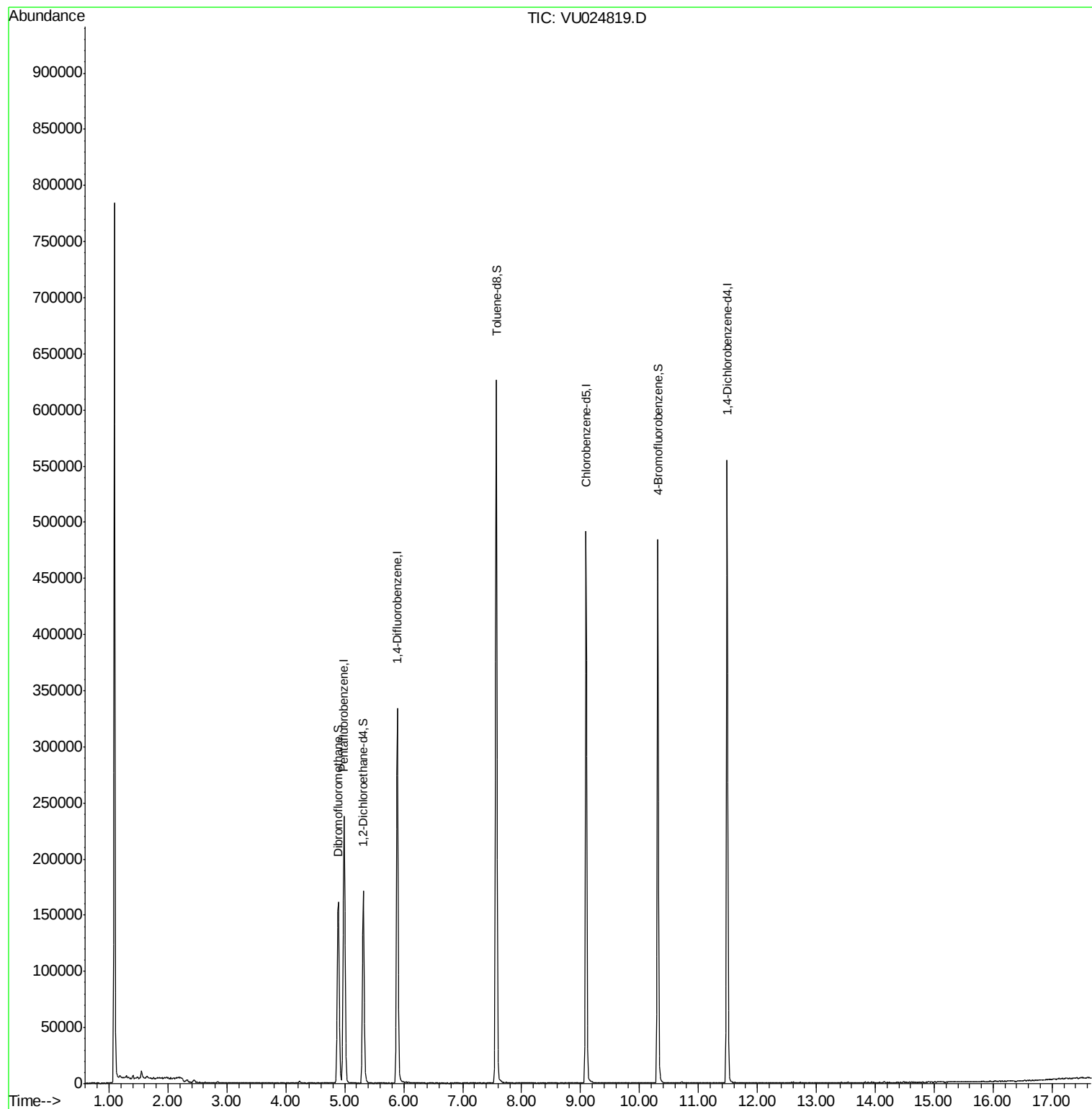
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024819.D

Acq: 21 Jun 2018 18:31

Instrument :

MSVOA_U

ClientSampleId :

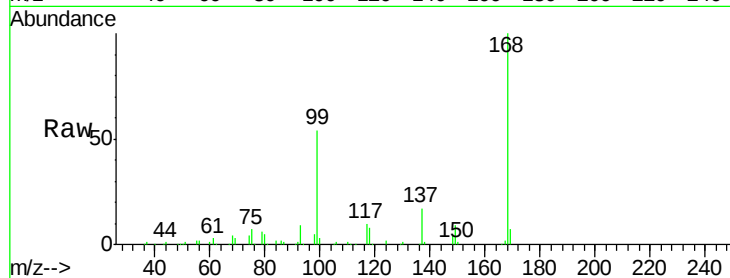
MWHR2-10-061418

Tot Ion:168 Resp: 184880

Ion Ratio Lower Upper

168 100

99 53.8 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

4.99

80000

60000

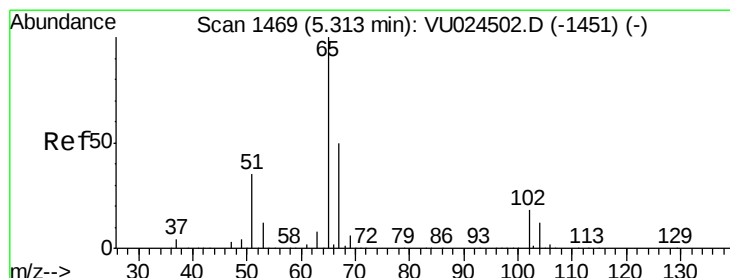
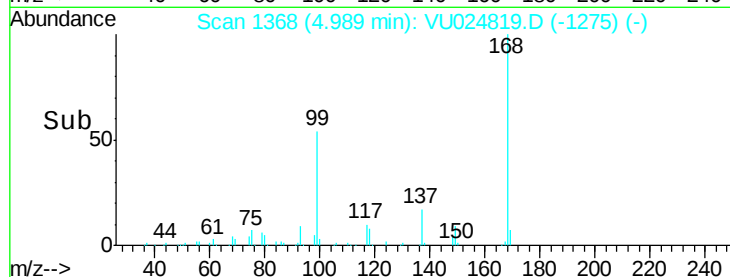
40000

20000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.15 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024819.D

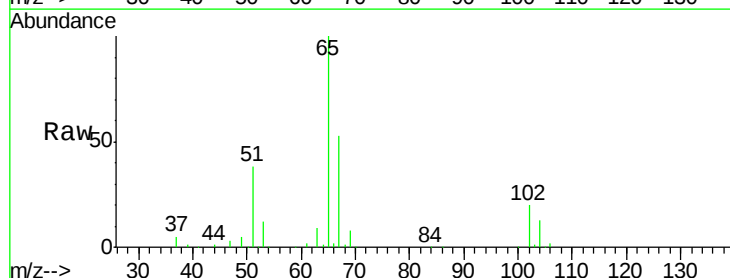
Acq: 21 Jun 2018 18:31

Tgt Ion: 65 Resp: 133246

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024502.D (-1451) (-)

Ion 66.90 (66.60 to 67.60): VU024502.D (-1451) (-)

5.31

60000

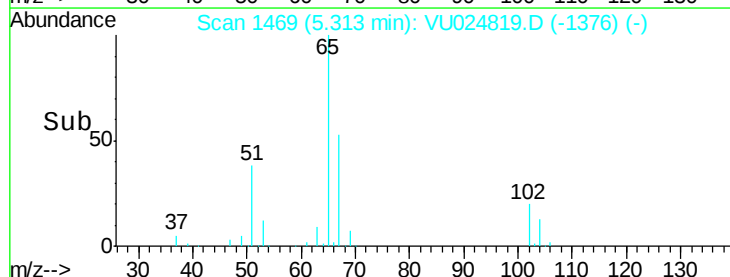
40000

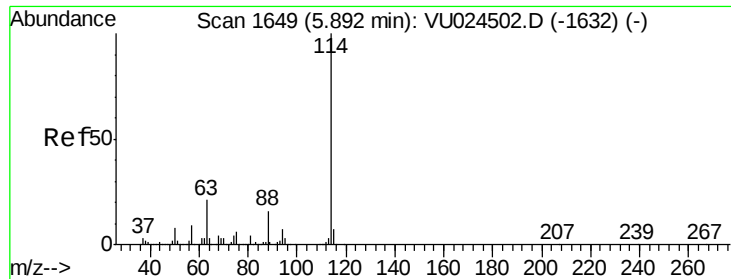
20000

0

5.20 5.30 5.40

Time-->

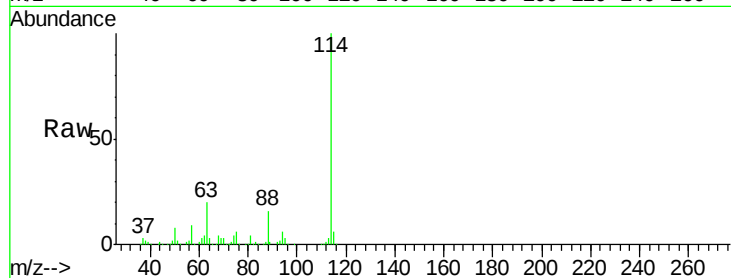




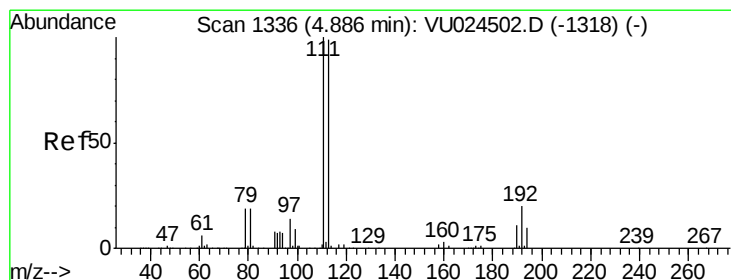
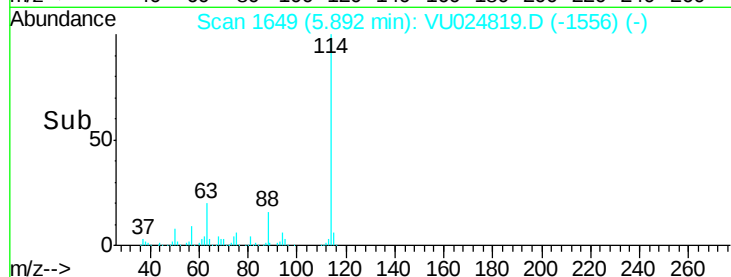
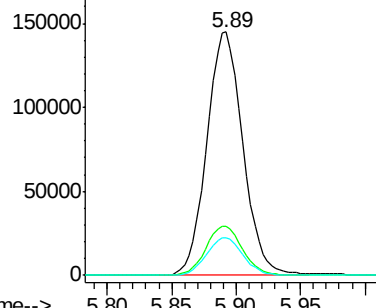
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024819.D
 Acq: 21 Jun 2018 18:31

Instrument :
 MSVOA_U
 ClientSampleId :
 MWHR2-10-061418

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	45.4
88	15.5	0.0	31.0

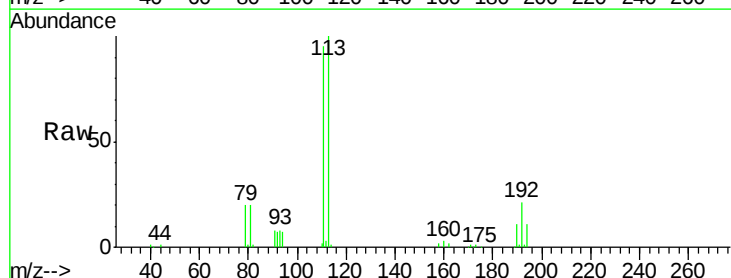


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

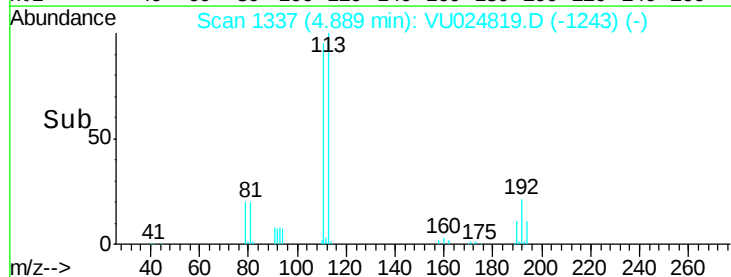
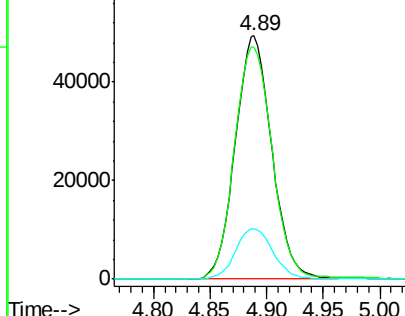


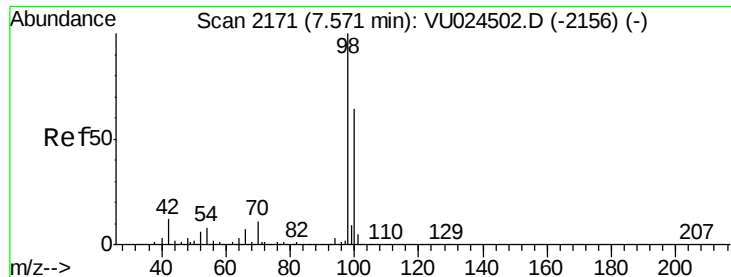
#35
 Dibromofluoromethane
 Concen: 47.31 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024819.D
 Acq: 21 Jun 2018 18:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	98.7	82.2	123.4
192	21.4	16.2	24.4



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: 48.68 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU024819.D

Acq: 21 Jun 2018 18:31

Instrument :

MSVOA_U

ClientSampleId :

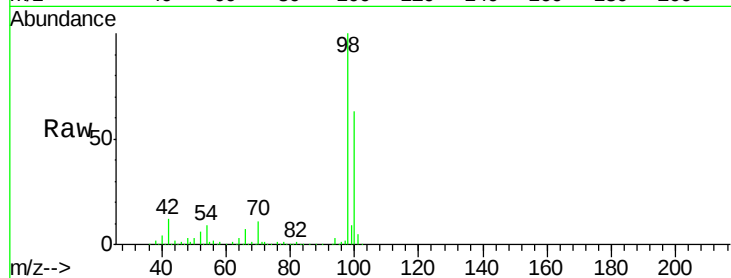
MWHR2-10-061418

Tot Ion: 98 Resp: 415541

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

7.57

250000

200000

150000

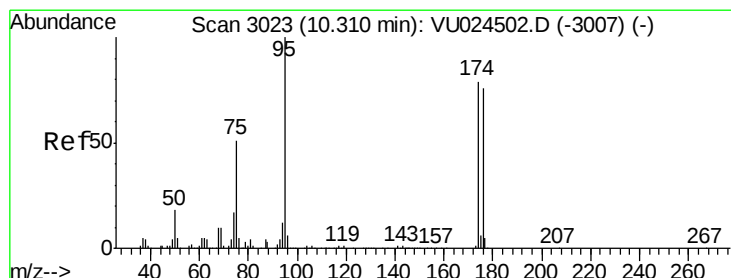
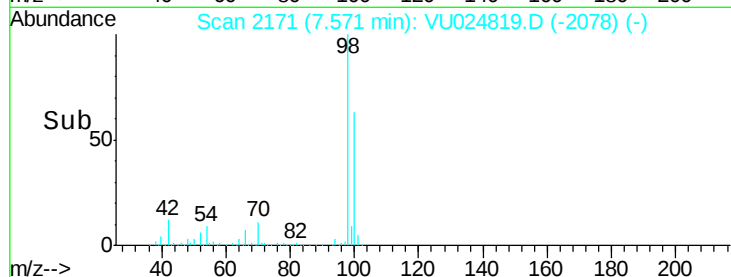
100000

50000

0

Time-->

7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 44.87 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024819.D

Acq: 21 Jun 2018 18:31

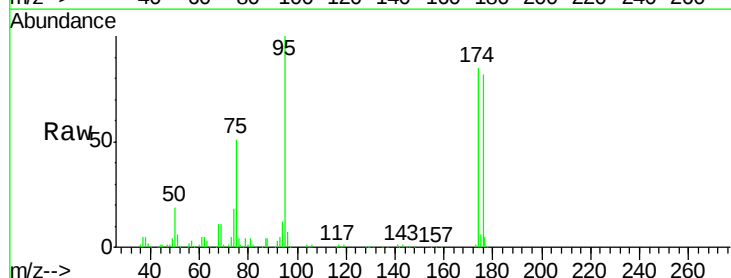
Tgt Ion: 95 Resp: 152086

Ion Ratio Lower Upper

95 100

174 85.5 0.0 165.8

176 83.0 0.0 159.4



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

120000

100000

80000

60000

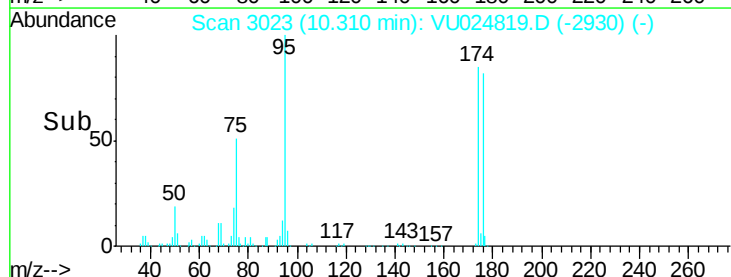
40000

20000

0

Time-->

10.20 10.30 10.40





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU024819.D

Acq: 21 Jun 2018 18:31

Instrument :

MSVOA_U

ClientSampleId :

MWHR2-10-061418

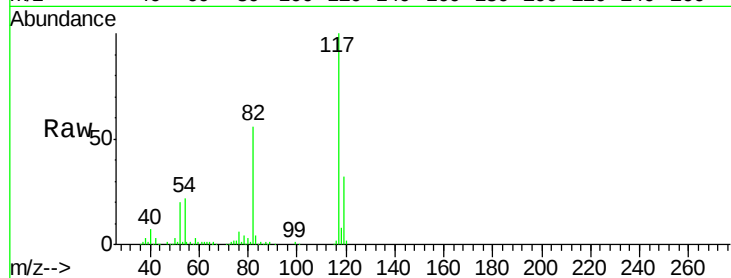
Tot Ion:117 Resp: 267257

Ion Ratio Lower Upper

117 100

82 56.2 44.3 66.5

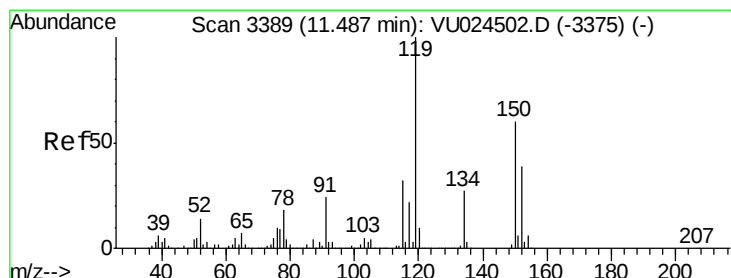
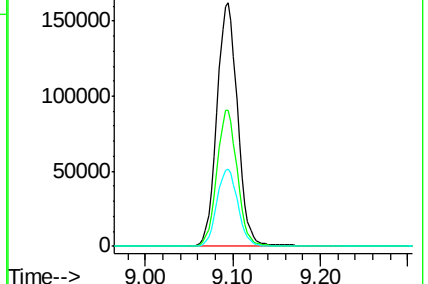
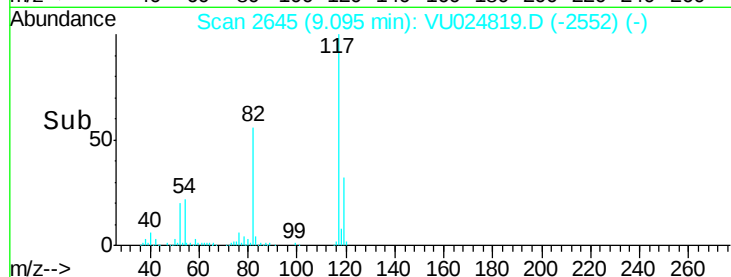
119 31.9 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024819.D

Acq: 21 Jun 2018 18:31

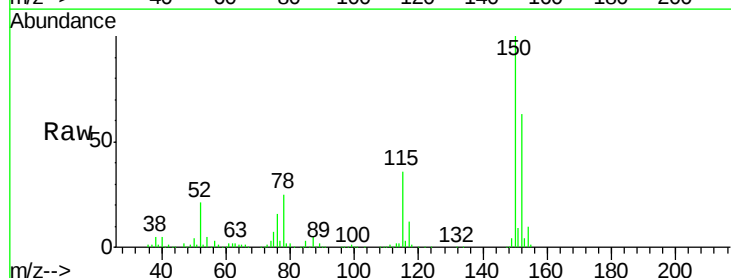
Tgt Ion:152 Resp: 142259

Ion Ratio Lower Upper

152 100

115 57.4 43.0 129.0

150 157.8 0.0 354.0



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

