

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024787.D
 Acq On : 21 Jun 2018 04:03
 Operator : MD/SY
 Sample : J3585-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW18

Quant Time: Jun 21 10:20:00 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	193798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	300446	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	283114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	153109	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	137504	43.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.92%	
35) Dibromofluoromethane	4.89	113	116295	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
50) Toluene-d8	7.57	98	439711	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
62) 4-Bromofluorobenzene	10.31	95	159215	44.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.18%	

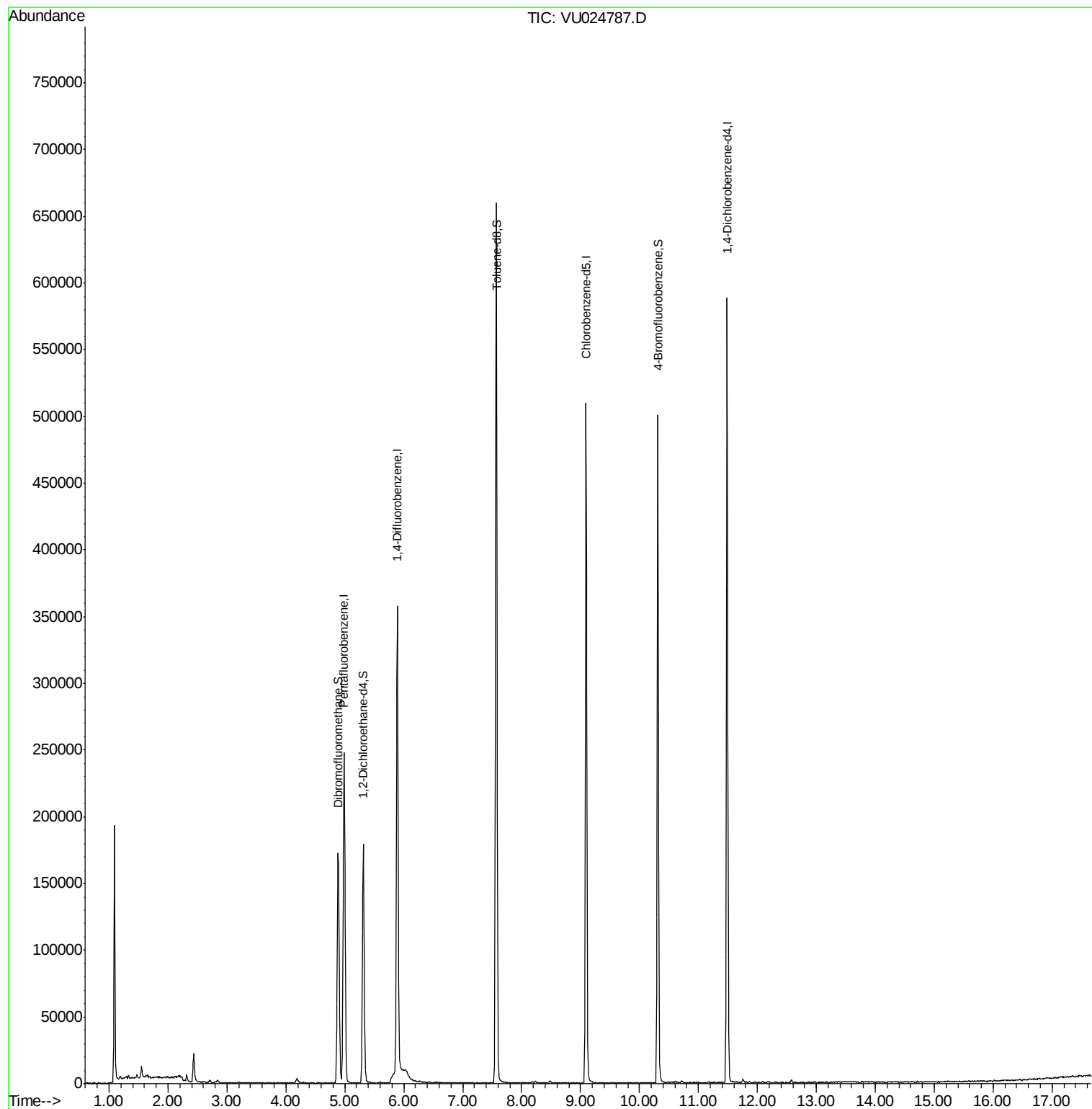
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024787.D

Acq: 21 Jun 2018 04:03

Instrument :

MSVOA_U

ClientSampleId :

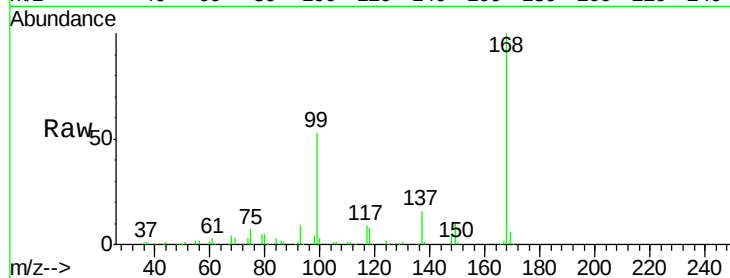
CKMW18

Tot Ion:168 Resp: 193798

Ion Ratio Lower Upper

168 100

99 52.6 43.2 64.8



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

Ion 98.90 (98.60 to 99.60): VU024502.D

4.99

80000

60000

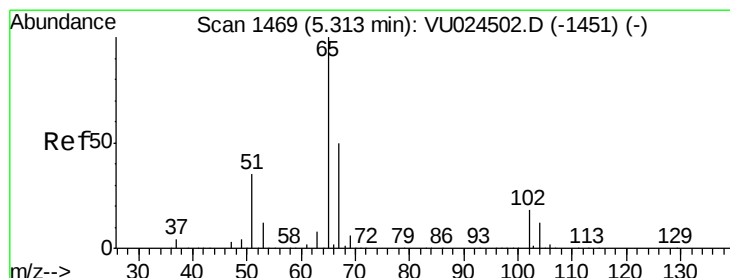
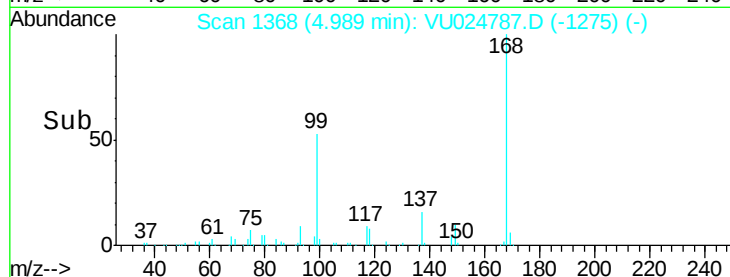
40000

20000

0

4.90 4.95 5.00 5.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 43.46 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024787.D

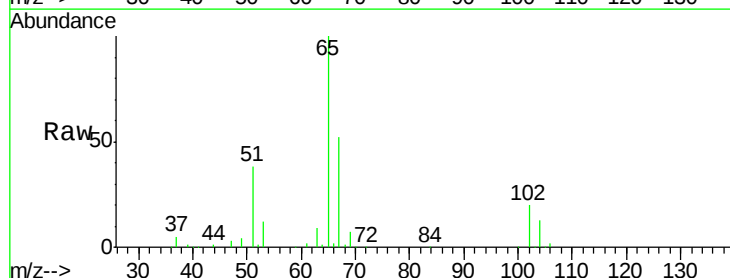
Acq: 21 Jun 2018 04:03

Tgt Ion: 65 Resp: 137504

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.0



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

Ion 66.90 (66.60 to 67.60): VU024502.D

5.31

60000

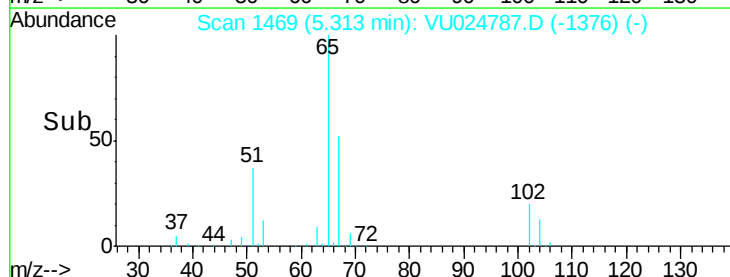
40000

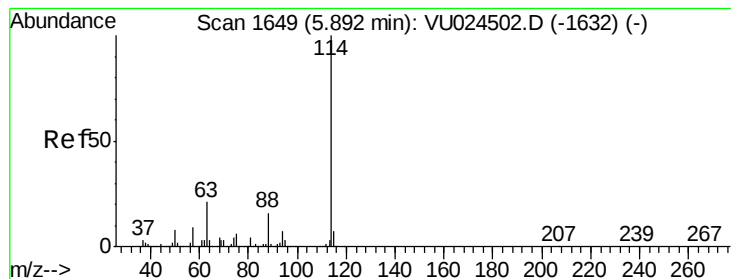
20000

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: VU024787.D

Acq: 21 Jun 2018 04:03

Instrument :

MSVOA_U

ClientSampleId :

CKMW18

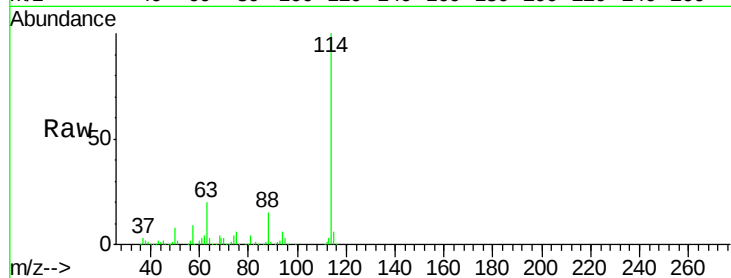
Tot Ion:114 Resp: 300446

Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.4

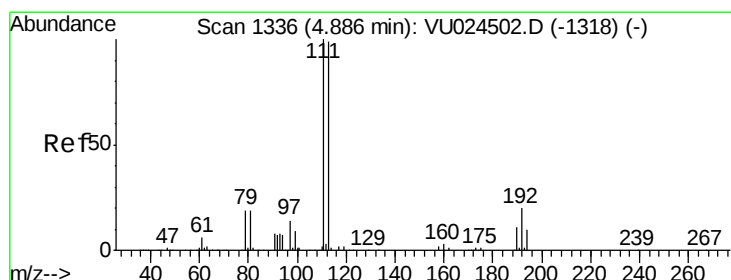
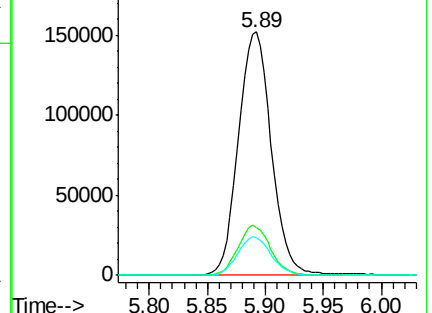
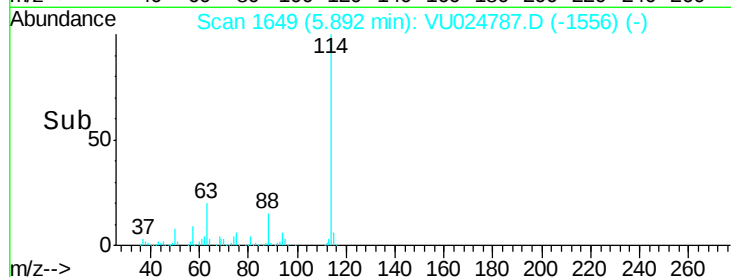
88 15.5 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 46.64 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024787.D

Acq: 21 Jun 2018 04:03

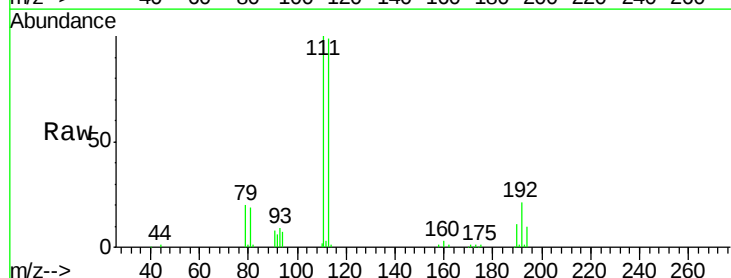
Tgt Ion:113 Resp: 116295

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

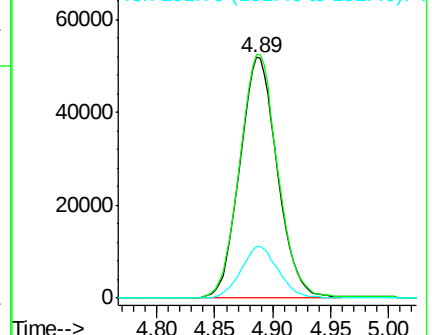
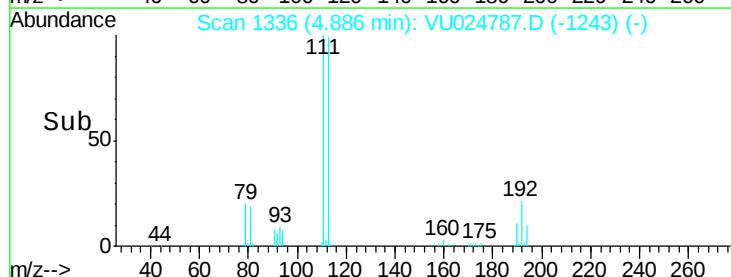
192 21.5 16.2 24.4



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: 48.35 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024787.D

Acq: 21 Jun 2018 04:03

Instrument :

MSVOA_U

ClientSampleId :

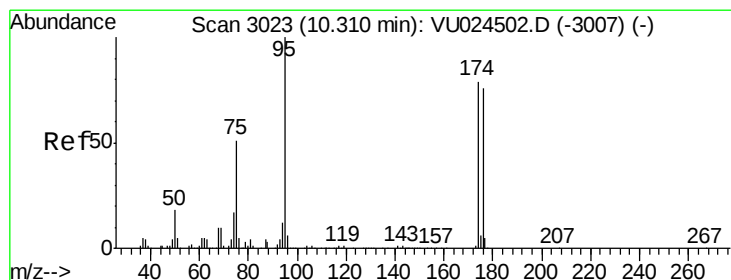
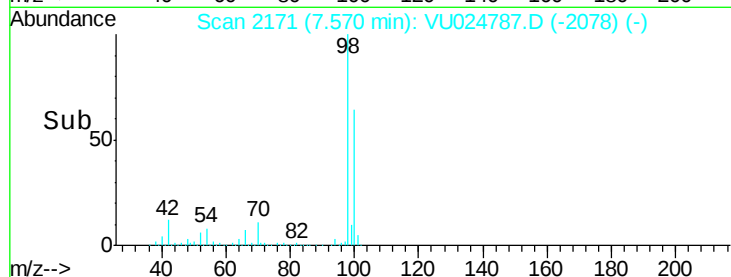
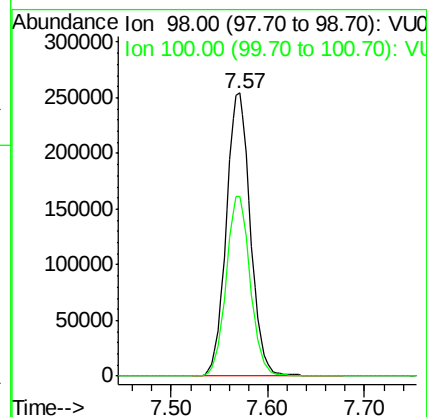
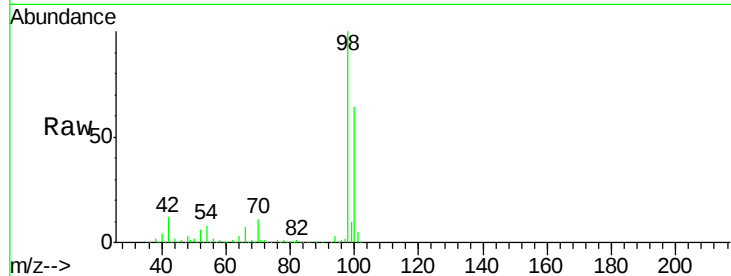
CKMW18

Tot Ion: 98 Resp: 439711

Ion Ratio Lower Upper

98 100

100 63.6 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.09 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024787.D

Acq: 21 Jun 2018 04:03

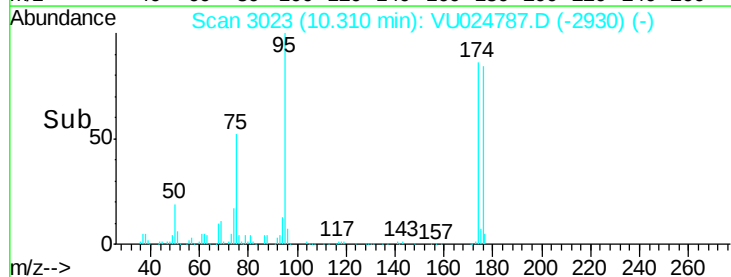
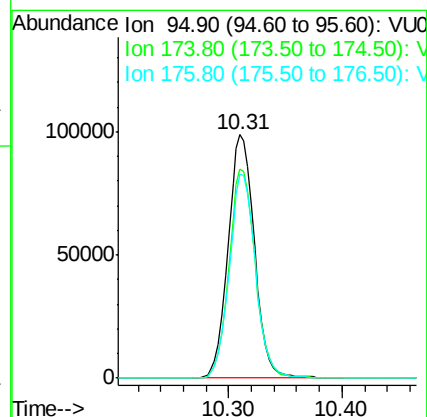
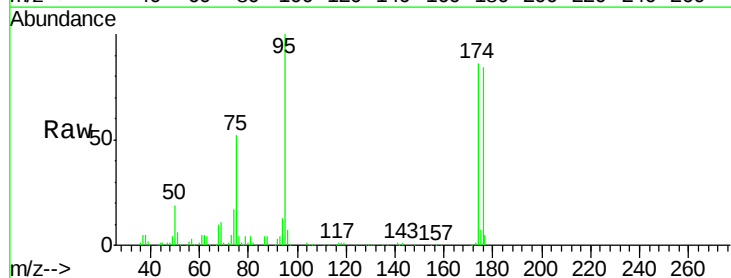
Tgt Ion: 95 Resp: 159215

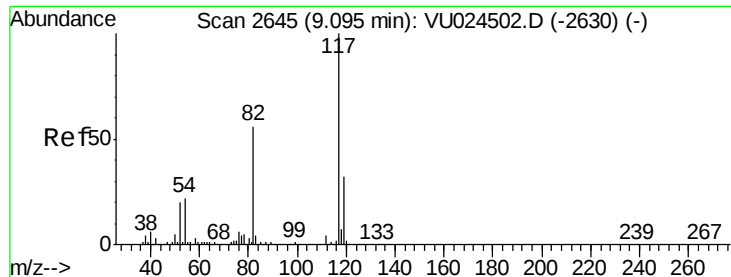
Ion Ratio Lower Upper

95 100

174 86.0 0.0 165.8

176 83.8 0.0 159.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU024787.D

Acq: 21 Jun 2018 04:03

Instrument :

MSVOA_U

ClientSampleId :

CKMW18

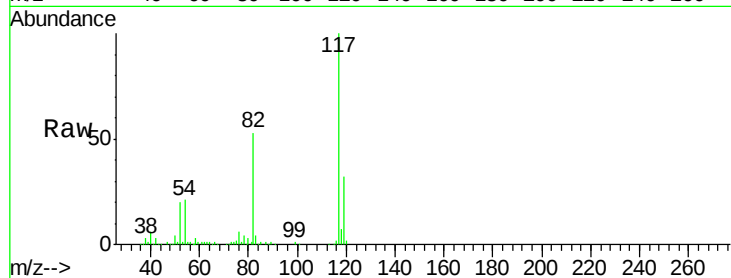
Tot Ion:117 Resp: 283114

Ion Ratio Lower Upper

117 100

82 53.2 44.3 66.5

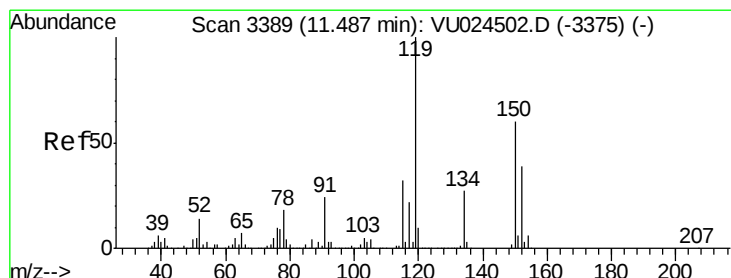
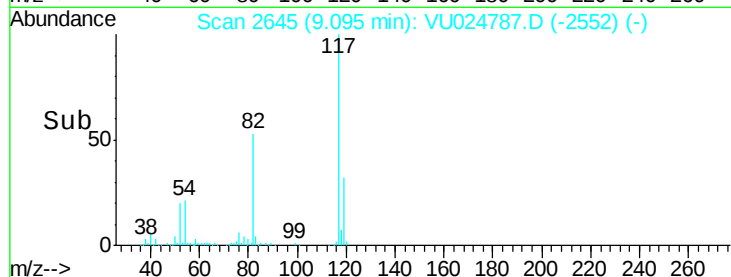
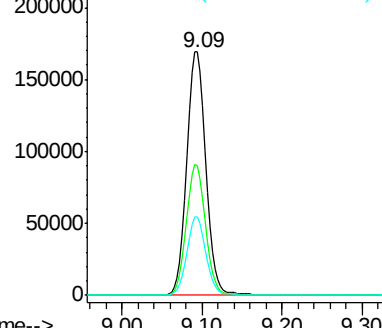
119 32.3 25.4 38.2



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: VU024787.D

Acq: 21 Jun 2018 04:03

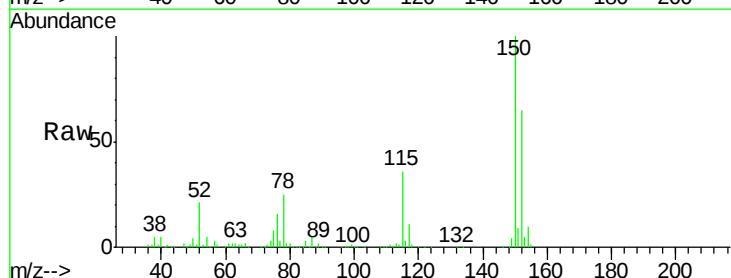
Tgt Ion:152 Resp: 153109

Ion Ratio Lower Upper

152 100

115 56.3 43.0 129.0

150 154.8 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

