

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025697.D
 Acq On : 28 Jul 2018 03:02
 Operator : MD/SY
 Sample : J4073-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE108D1-071718

Quant Time: Jul 30 08:57:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 13:11:52 2018
 Response via : Initial Calibration

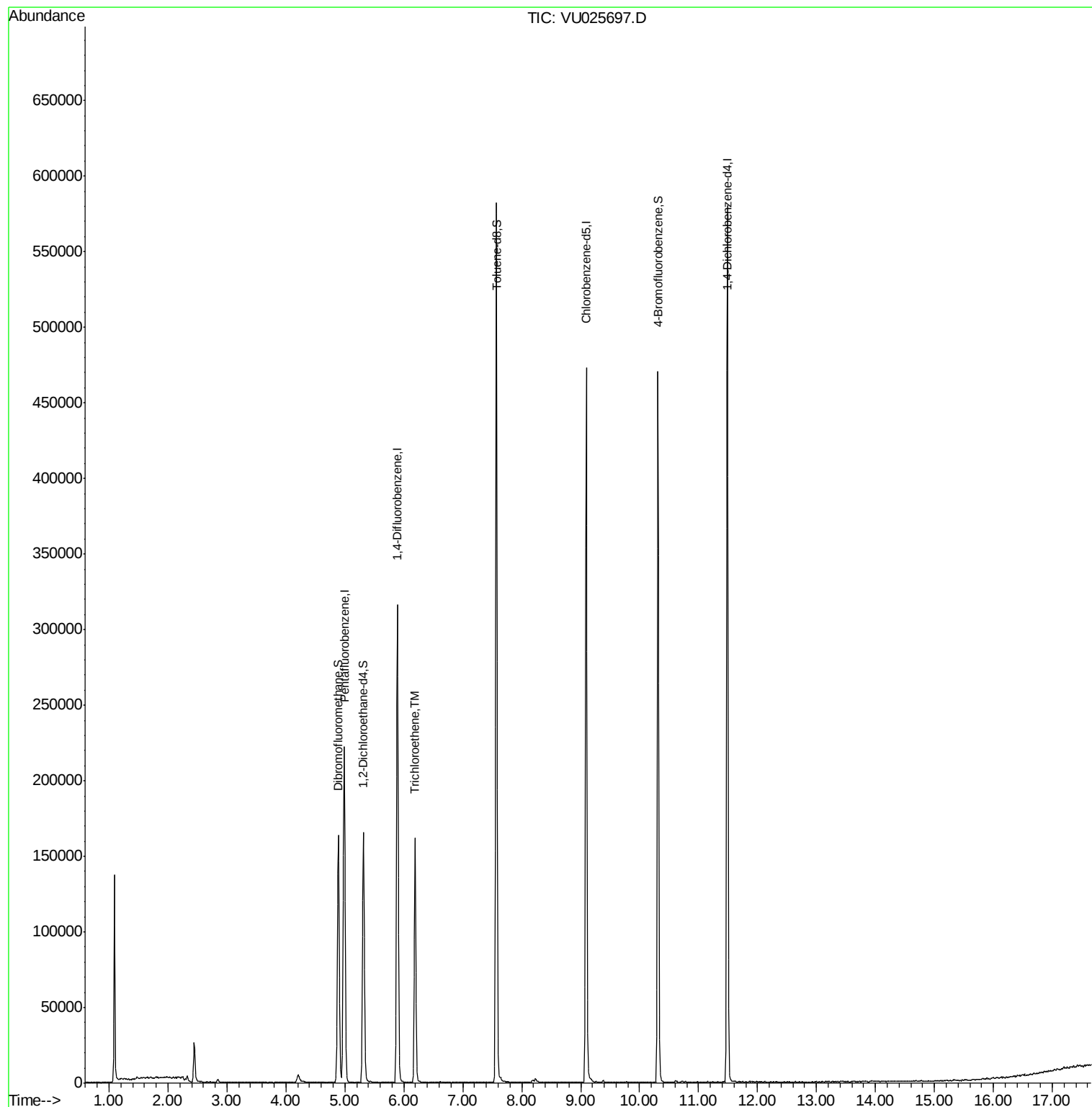
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	172152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	267315	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	261868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	157869	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	134360	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
35) Dibromofluoromethane	4.89	113	110208	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
50) Toluene-d8	7.57	98	385628	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
62) 4-Bromofluorobenzene	10.31	95	151538	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
Target Compounds						
44) Trichloroethene	6.19	130	56359	22.16	ug/l	Qvalue 99

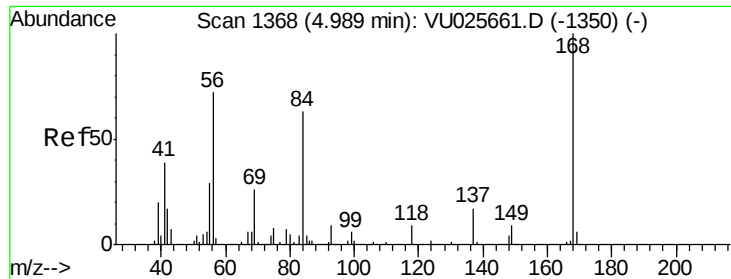
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072718\
Data File : VU025697.D
Acq On : 28 Jul 2018 03:02
Operator : MD/SY
Sample : J4073-16
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
RE108D1-071718

Quant Time: Jul 30 08:57:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 13:11:52 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025697.D

Acq: 28 Jul 2018 03:02

Instrument :

MSVOA_U

ClientSampleId :

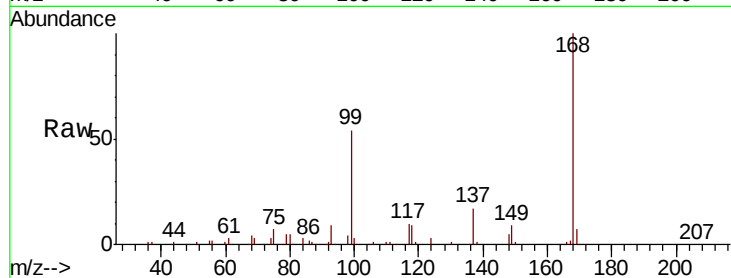
RE108D1-071718

Tot Ion:168 Resp: 172152

Ion Ratio Lower Upper

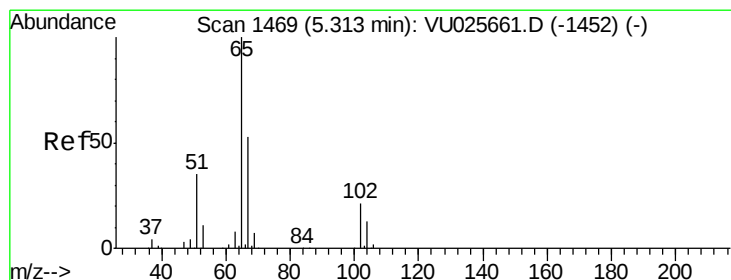
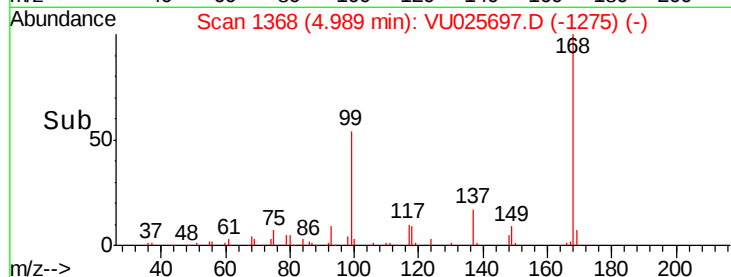
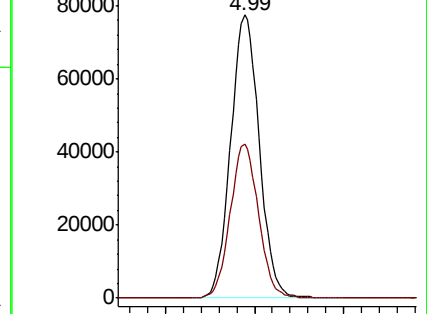
168 100

99 54.5 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.09 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025697.D

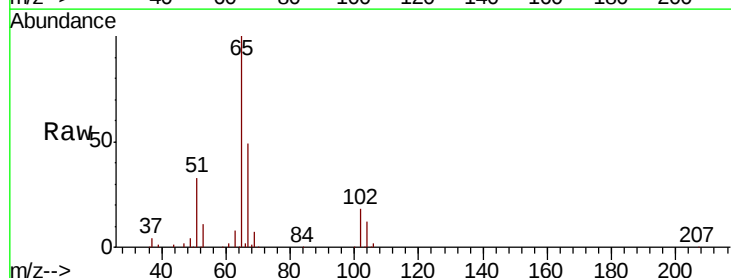
Acq: 28 Jul 2018 03:02

Tgt Ion: 65 Resp: 134360

Ion Ratio Lower Upper

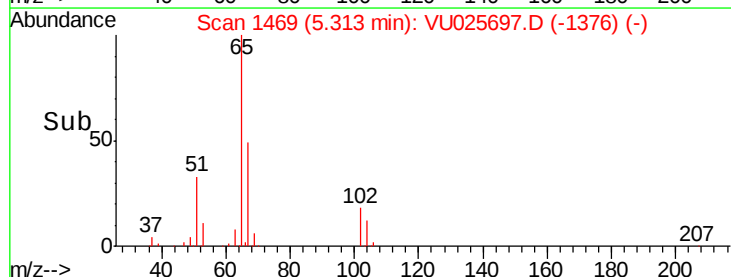
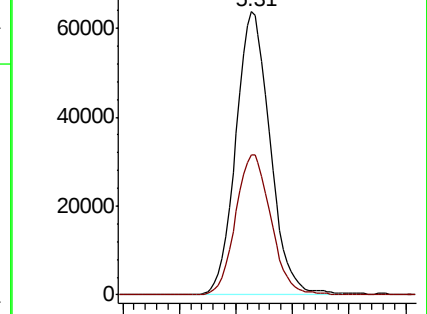
65 100

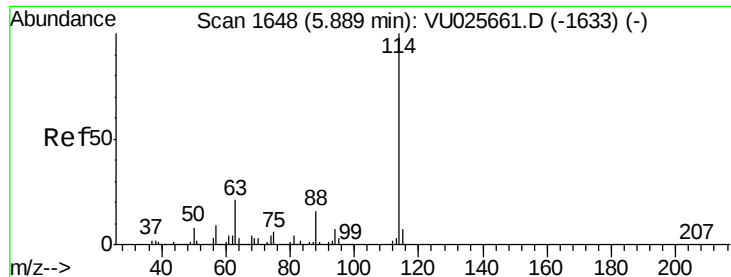
67 51.1 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025661.D (-1452) (-)

Ion 66.90 (66.60 to 67.60): VU025661.D (-1452) (-)





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU025697.D

Acq: 28 Jul 2018 03:02

Instrument :

MSVOA_U

ClientSampleId :

RE108D1-071718

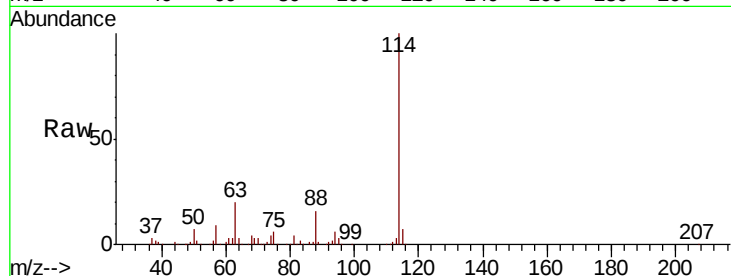
Tot Ion:114 Resp: 267315

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.6

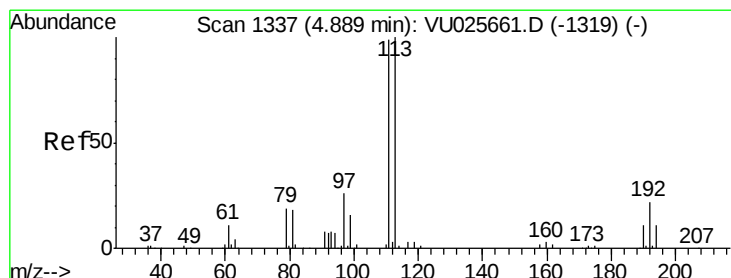
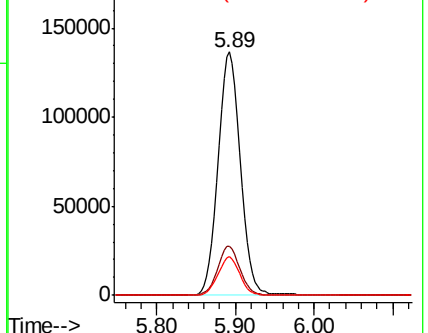
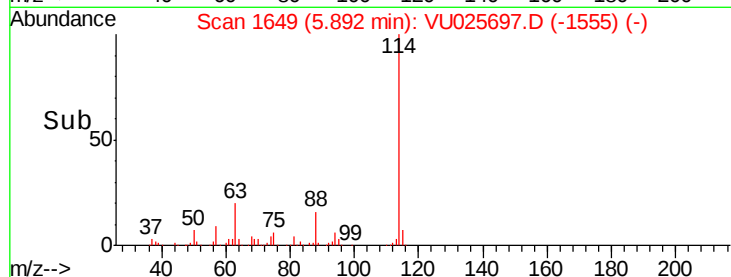
88 15.7 0.0 32.4



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: 47.40 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025697.D

Acq: 28 Jul 2018 03:02

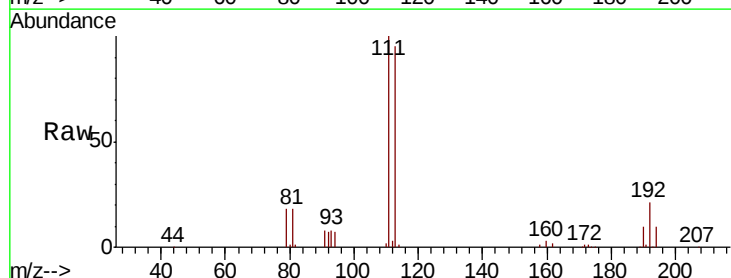
Tgt Ion:113 Resp: 110208

Ion Ratio Lower Upper

113 100

111 104.3 81.7 122.5

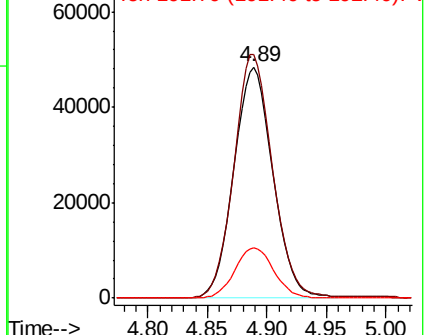
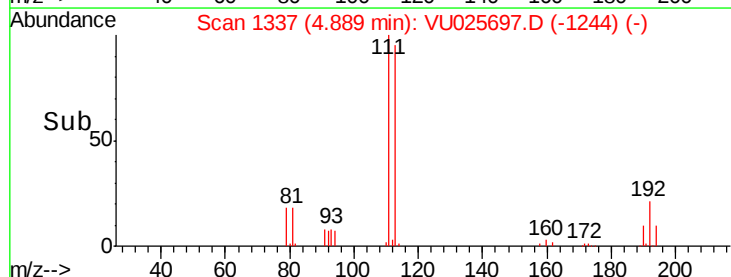
192 21.8 17.1 25.7

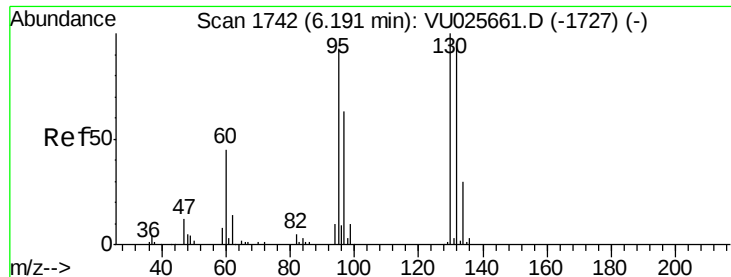


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 22.16 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025697.D

Acq: 28 Jul 2018 03:02

Instrument :

MSVOA_U

ClientSampleId :

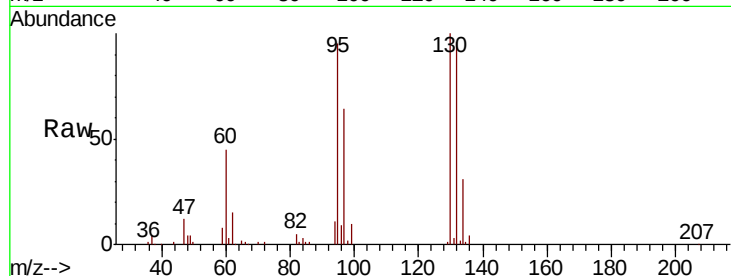
RE108D1-071718

Tot Ion:130 Resp: 56359

Ion Ratio Lower Upper

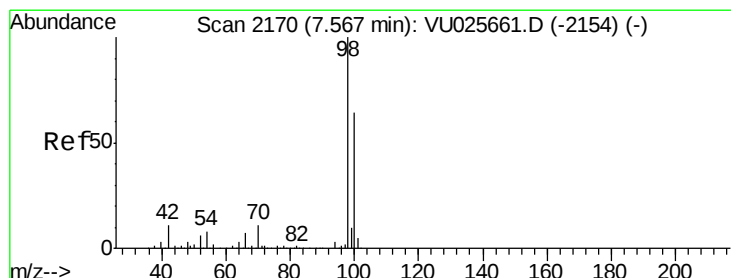
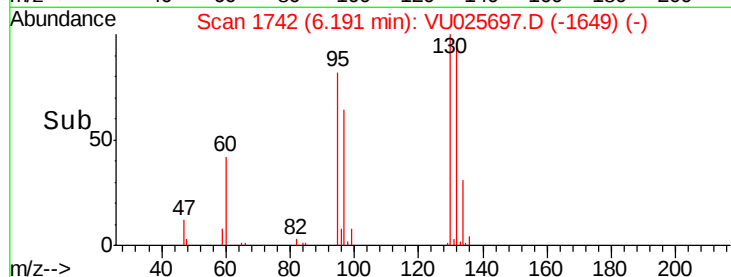
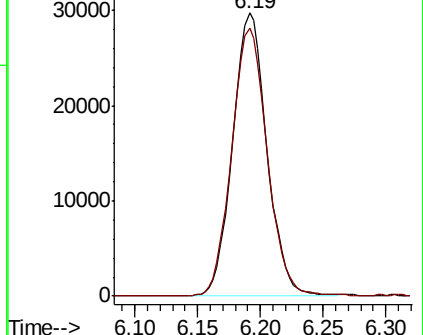
130 100

95 94.8 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VU025661.D (-1727) (-)

Ion 94.90 (94.60 to 95.60): VU025661.D (-1727) (-)



#50

Toluene-d8

Concen: 47.40 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025697.D

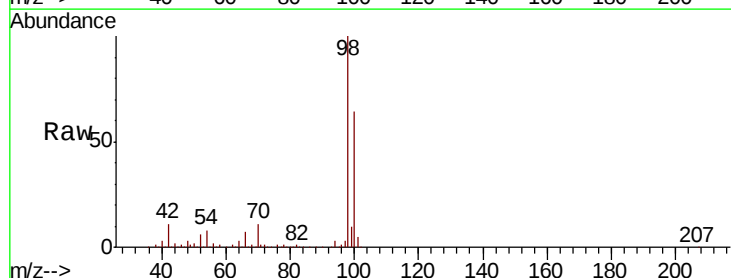
Acq: 28 Jul 2018 03:02

Tgt Ion: 98 Resp: 385628

Ion Ratio Lower Upper

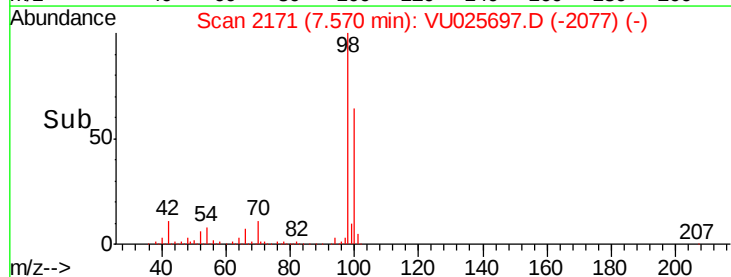
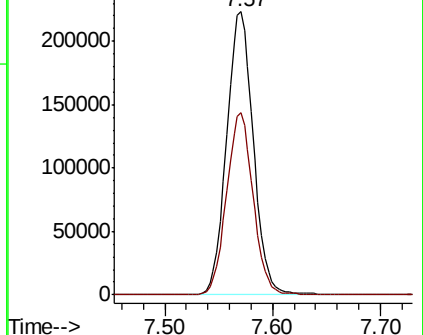
98 100

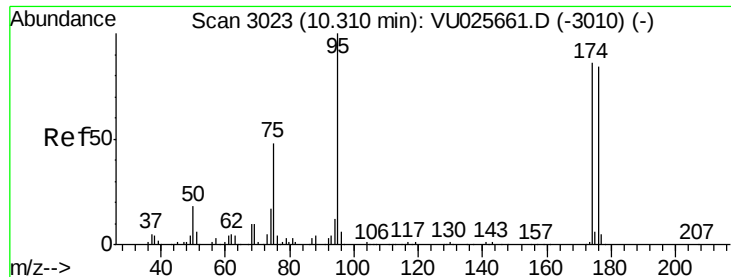
100 64.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU025661.D (-2154) (-)

Ion 100.00 (99.70 to 100.70): VU025661.D (-2154) (-)





#62

4-Bromofluorobenzene

Concen: 47.99 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025697.D

Acq: 28 Jul 2018 03:02

Instrument :

MSVOA_U

ClientSampleId :

RE108D1-071718

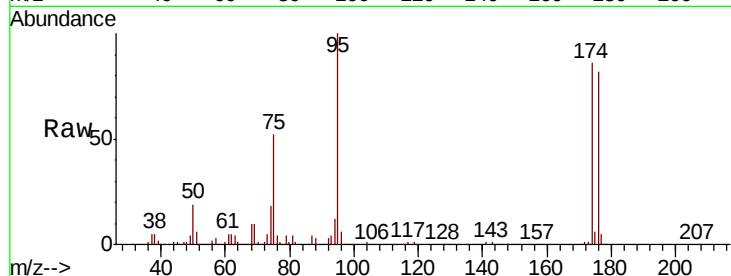
Tot Ion: 95 Resp: 151538

Ion Ratio Lower Upper

95 100

174 87.6 0.0 172.2

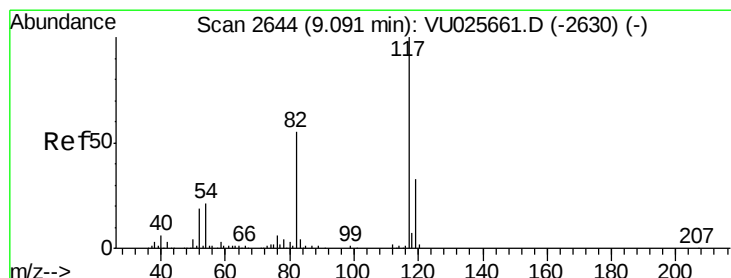
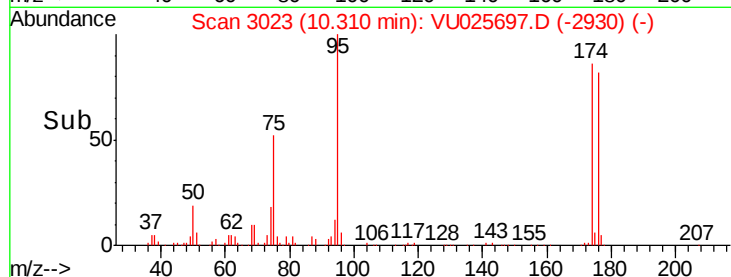
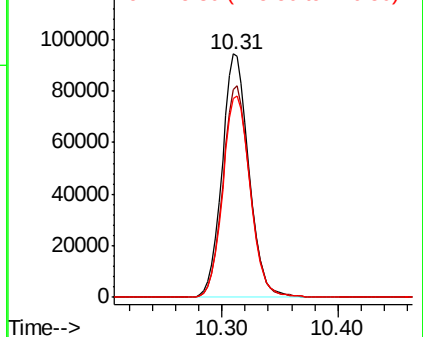
176 84.8 0.0 162.6



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: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU025697.D

Acq: 28 Jul 2018 03:02

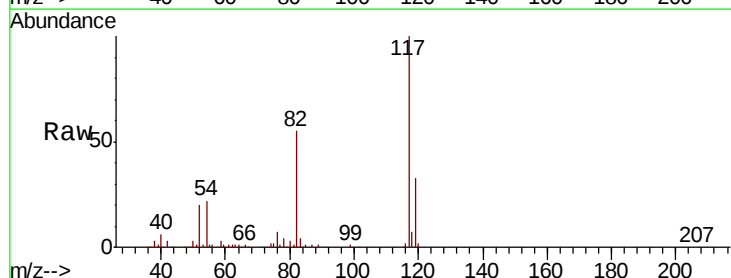
Tgt Ion: 117 Resp: 261868

Ion Ratio Lower Upper

117 100

82 55.1 46.0 69.0

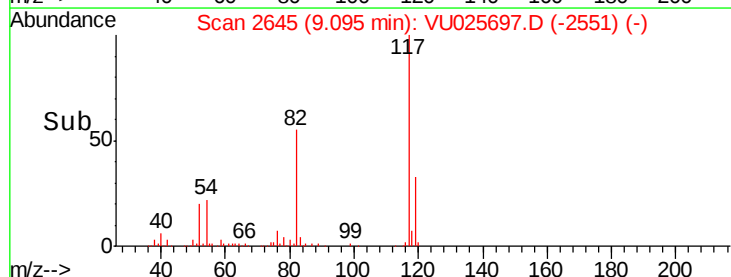
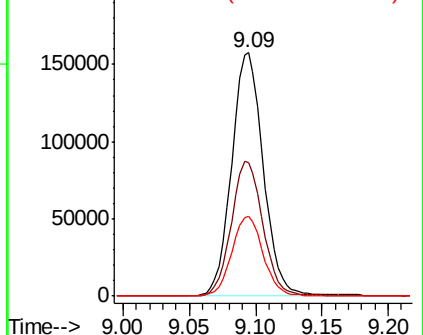
119 32.7 26.0 39.0

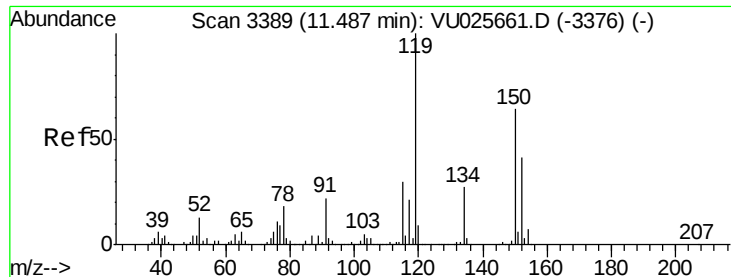


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025697.D

Acq: 28 Jul 2018 03:02

Instrument :

MSVOA_U

ClientSampleId :

RE108D1-071718

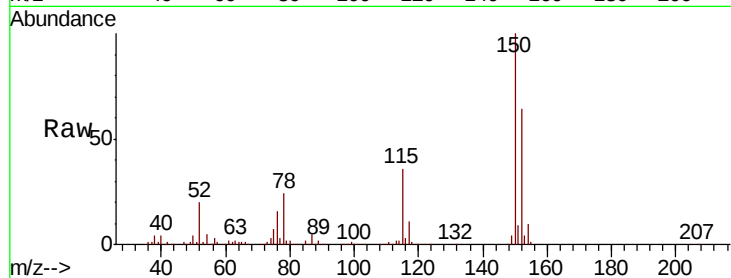
Tot Ion:152 Resp: 157869

Ion Ratio Lower Upper

152 100

115 56.6 40.1 120.3

150 155.4 0.0 351.4



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

