

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024814.D
 Acq On : 21 Jun 2018 16:29
 Operator : MD/SY
 Sample : J3539-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183

Quant Time: Jun 22 04:33:18 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

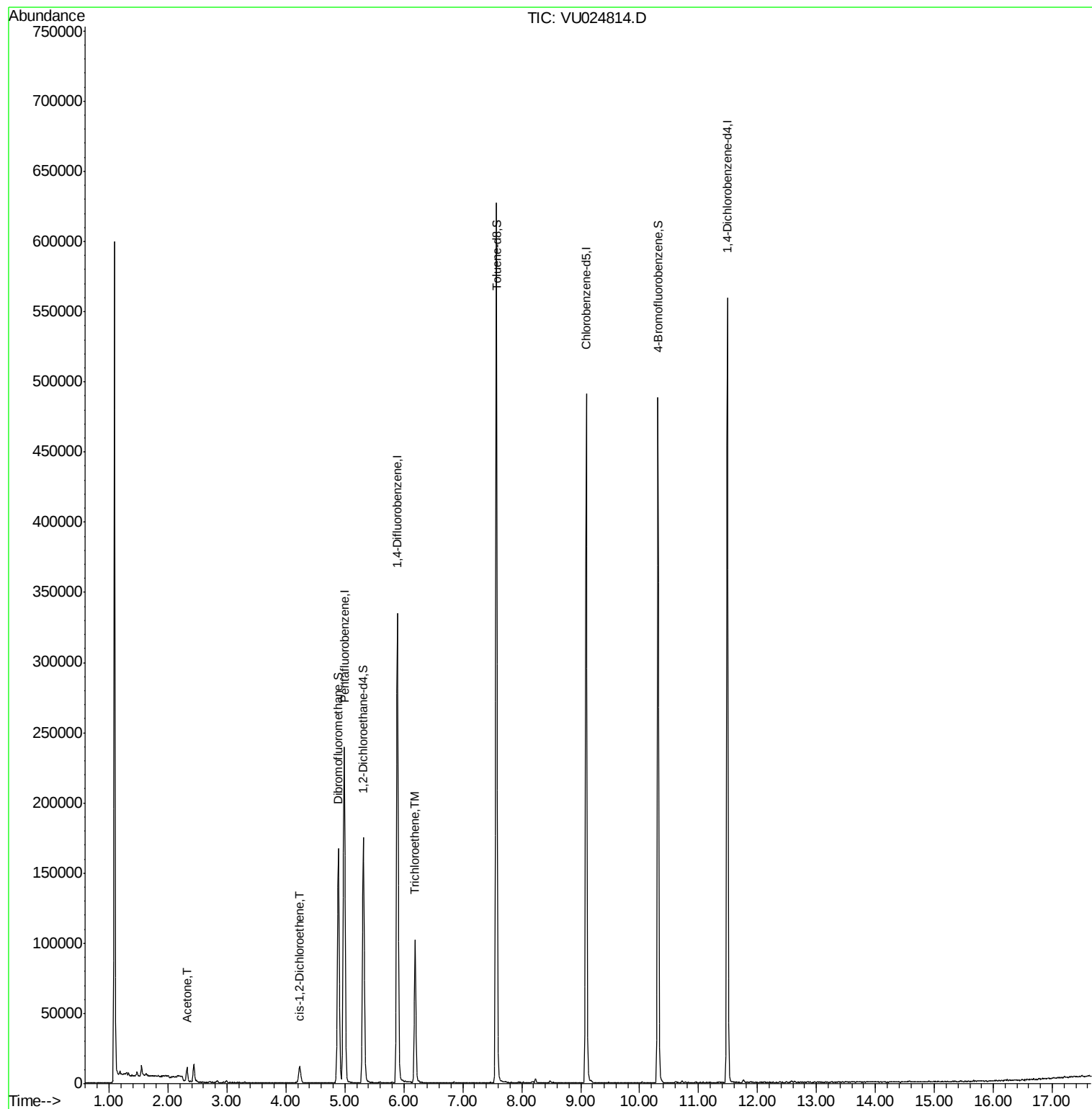
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	189430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	289588	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	269220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	145081	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	134389	43.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.92%	
35) Dibromofluoromethane	4.89	113	111798	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
50) Toluene-d8	7.57	98	421229	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	10.31	95	154430	44.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.74%	
Target Compounds						
16) Acetone	2.32	43	10037	6.04	ug/l	Qvalue 100
27) cis-1,2-Dichloroethene	4.23	96	6972	2.55	ug/l	88
44) Trichloroethene	6.19	130	36102	13.08	ug/l	93

(#) = 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: VU024814.D

Acq: 21 Jun 2018 16:29

Instrument :

MSVOA_U

ClientSampleId :

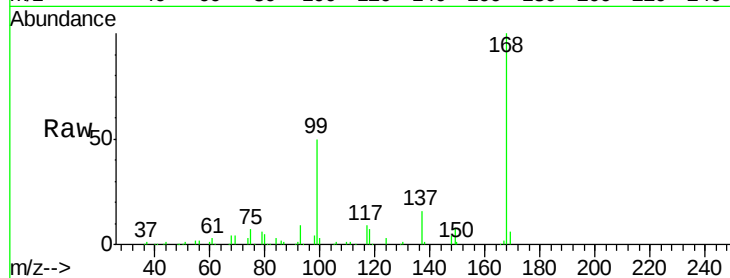
S39-0183

Tot Ion:168 Resp: 189430

Ion Ratio Lower Upper

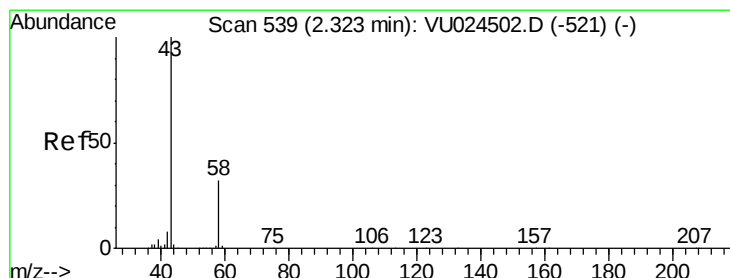
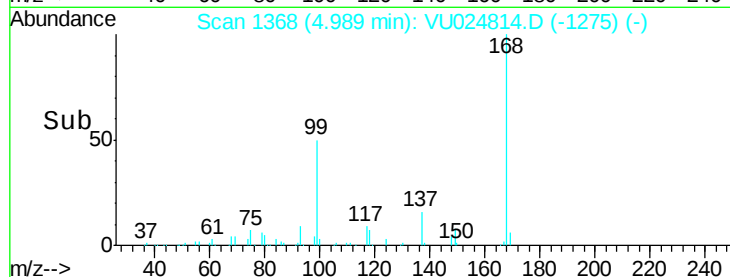
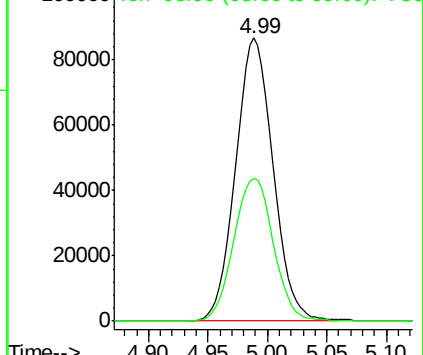
168 100

99 50.2 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024814.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024814.D (-1275) (-)



#16

Acetone

Concen: 6.04 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024814.D

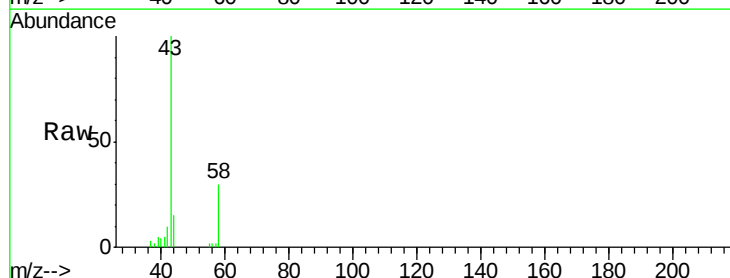
Acq: 21 Jun 2018 16:29

Tgt Ion: 43 Resp: 10037

Ion Ratio Lower Upper

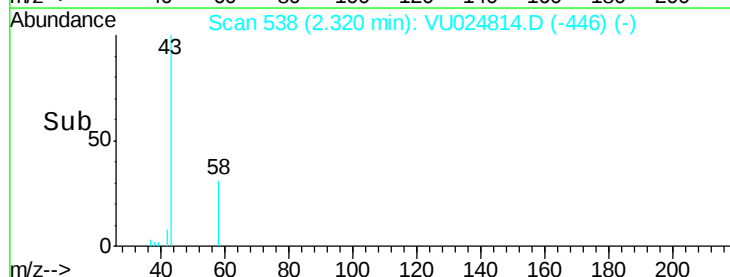
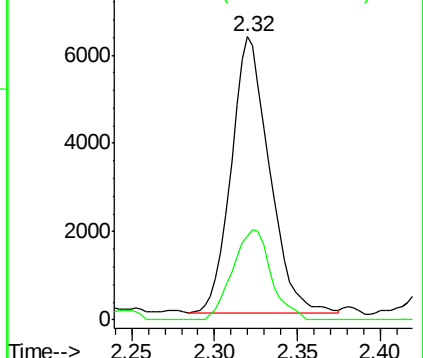
43 100

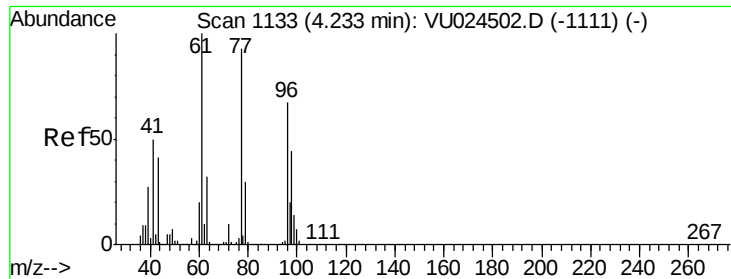
58 30.5 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024814.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU024814.D (-446) (-)





#27

cis-1,2-Dichloroethene

Concen: 2.55 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024814.D

Acq: 21 Jun 2018 16:29

Instrument :

MSVOA_U

ClientSampleId :

S39-0183

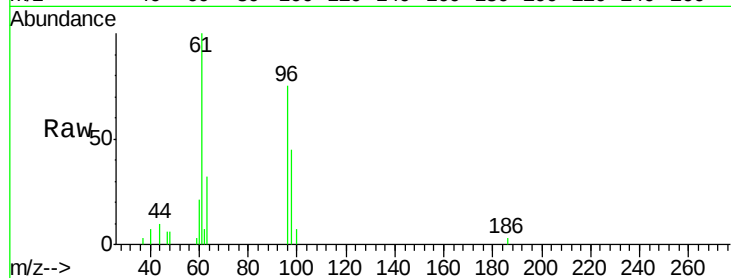
Tot Ion: 96 Resp: 6972

Ion Ratio Lower Upper

96 100

61 133.2 0.0 306.6

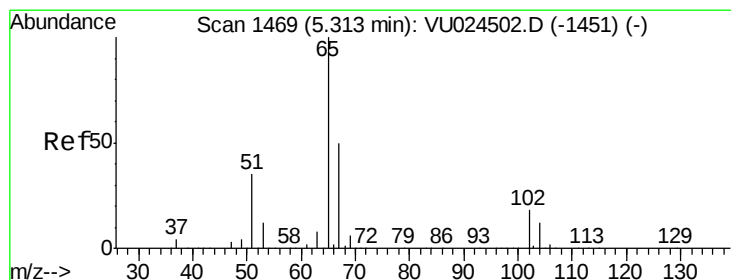
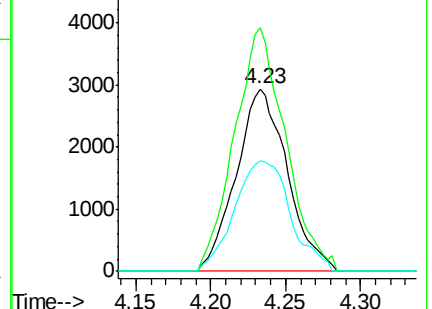
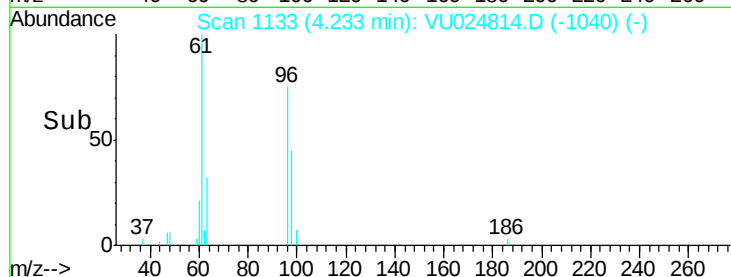
98 66.2 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#33

1,2-Dichloroethane-d4

Concen: 43.46 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024814.D

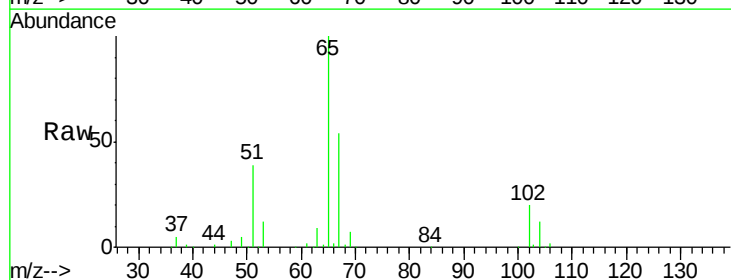
Acq: 21 Jun 2018 16:29

Tgt Ion: 65 Resp: 134389

Ion Ratio Lower Upper

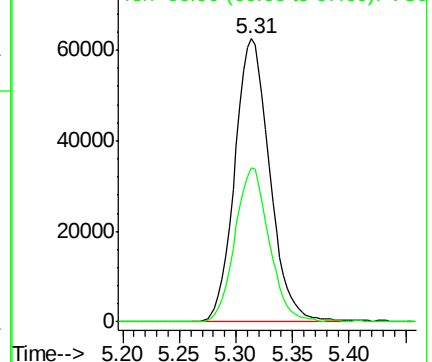
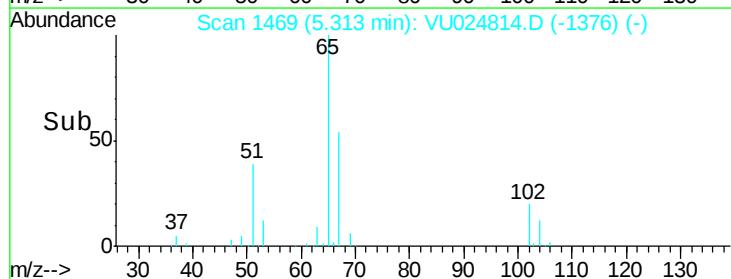
65 100

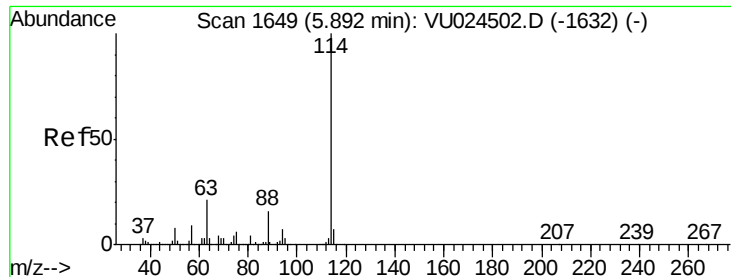
67 53.1 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU024814.D

Acq: 21 Jun 2018 16:29

Instrument :

MSVOA_U

ClientSampleId :

S39-0183

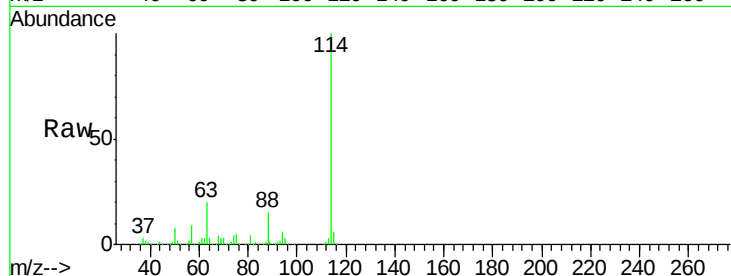
Tot Ion:114 Resp: 289588

Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.4

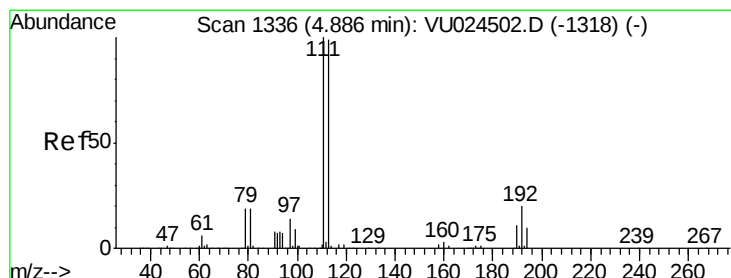
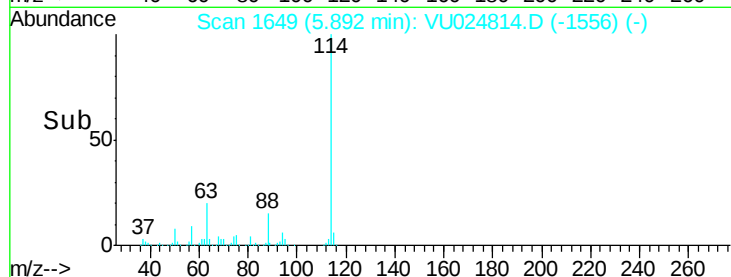
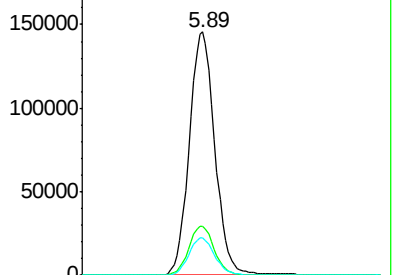
88 15.2 0.0 31.0



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: 46.52 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024814.D

Acq: 21 Jun 2018 16:29

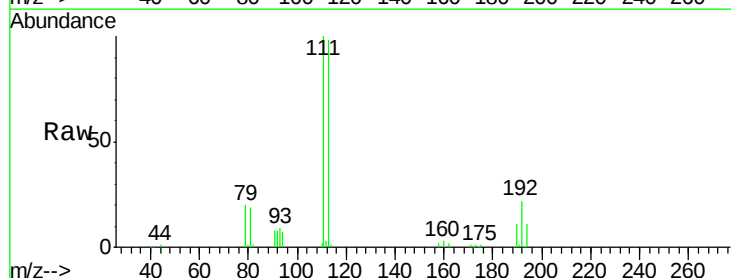
Tgt Ion:113 Resp: 111798

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

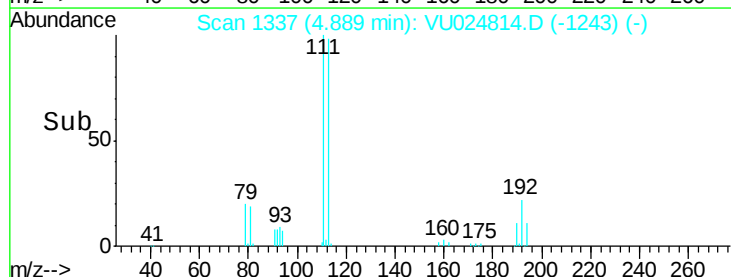
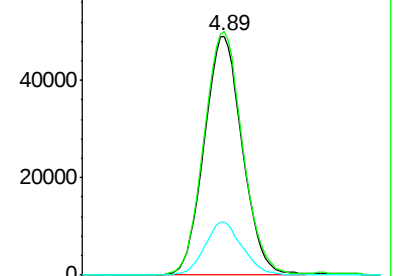
192 21.9 16.2 24.4

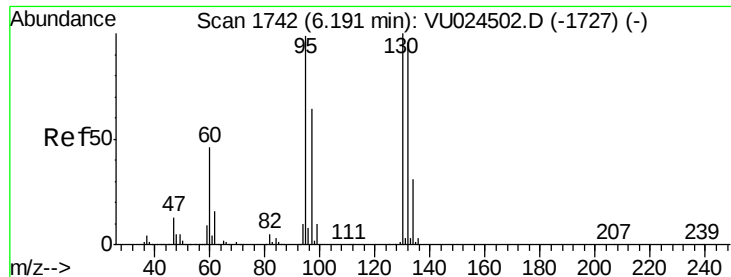


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 13.08 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024814.D

Acq: 21 Jun 2018 16:29

Instrument :

MSVOA_U

ClientSampleId :

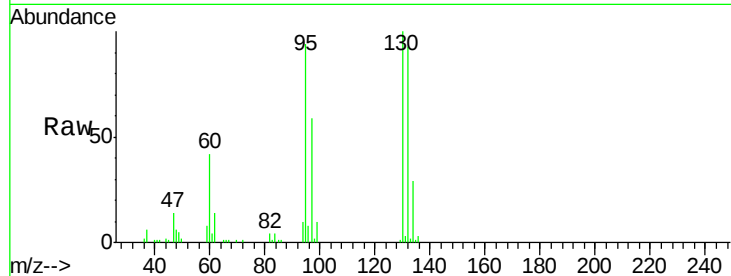
S39-0183

Tot Ion:130 Resp: 36102

Ion Ratio Lower Upper

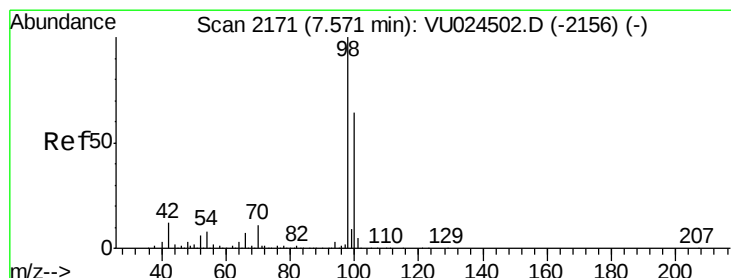
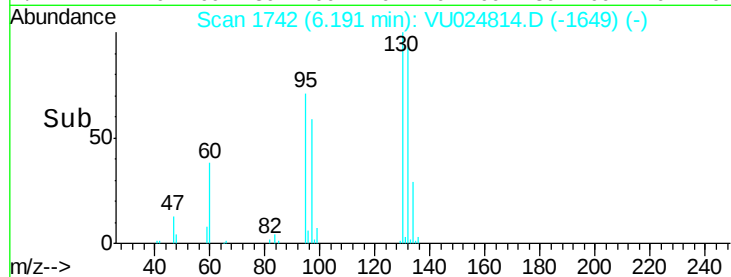
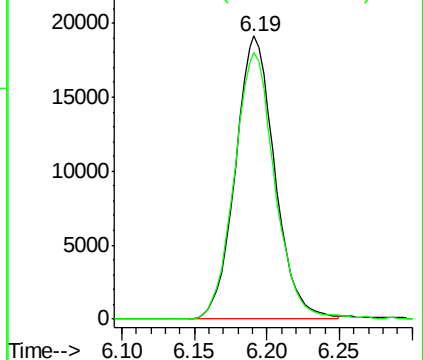
130 100

95 94.3 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0



#50

Toluene-d8

Concen: 48.05 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024814.D

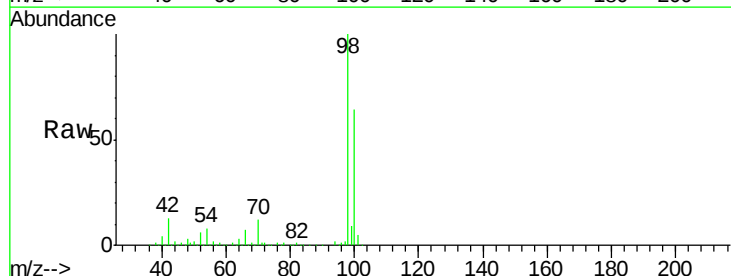
Acq: 21 Jun 2018 16:29

Tgt Ion: 98 Resp: 421229

Ion Ratio Lower Upper

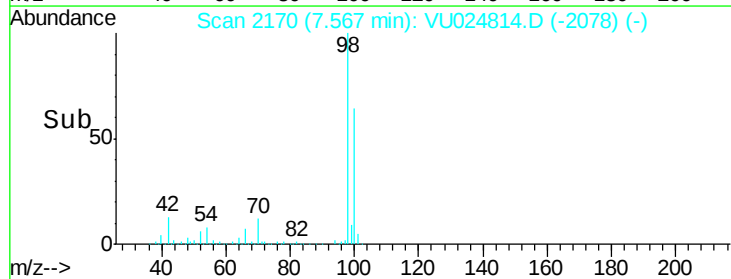
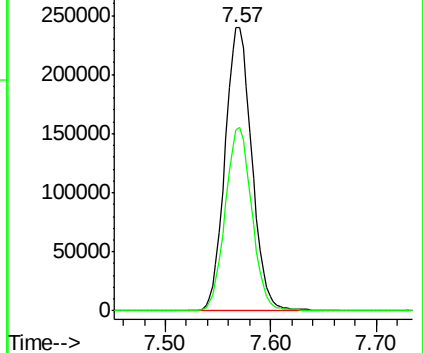
98 100

100 64.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#62

4-Bromofluorobenzene

Concen: 44.37 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024814.D

Acq: 21 Jun 2018 16:29

Instrument :

MSVOA_U

ClientSampleId :

S39-0183

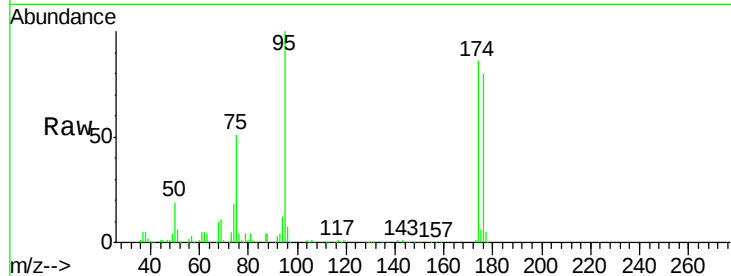
Tot Ion: 95 Resp: 154430

Ion Ratio Lower Upper

95 100

174 87.6 0.0 165.8

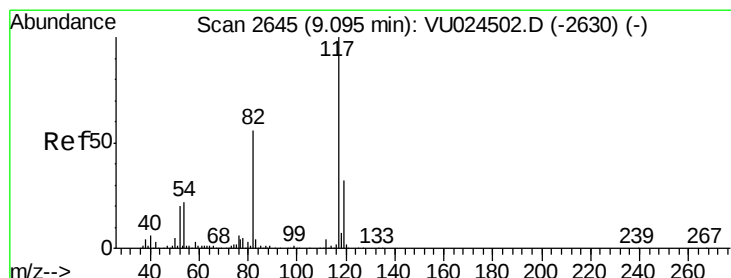
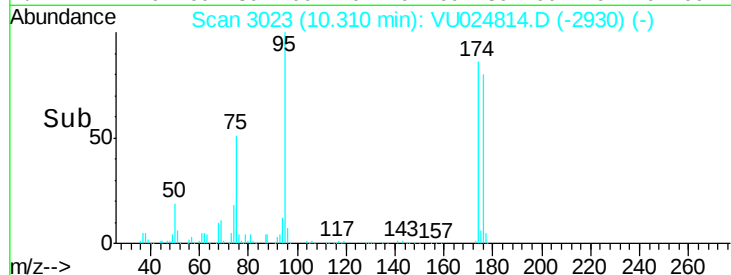
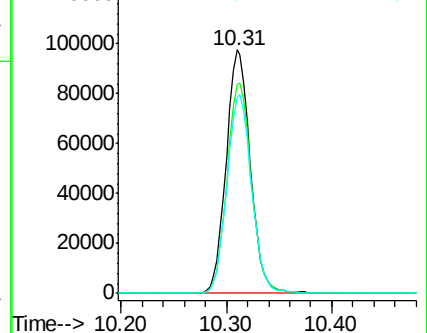
176 83.6 0.0 159.4



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



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU024814.D

Acq: 21 Jun 2018 16:29

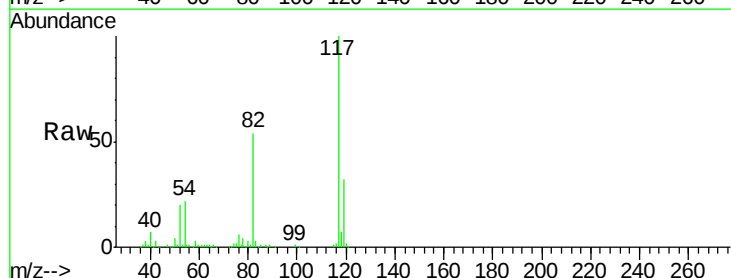
Tgt Ion: 117 Resp: 269220

Ion Ratio Lower Upper

117 100

82 54.1 44.3 66.5

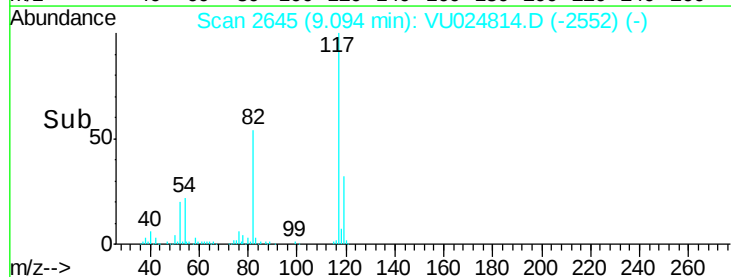
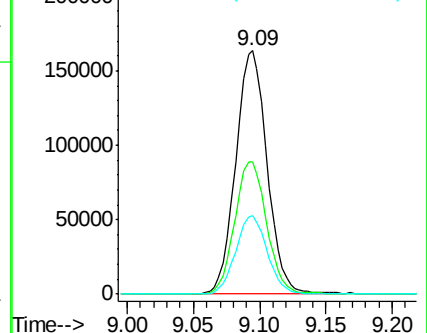
119 32.0 25.4 38.2

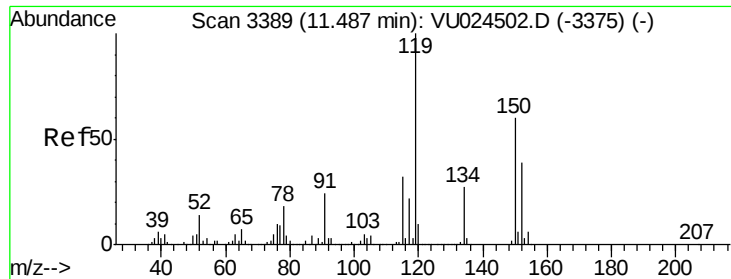


Abundance Ion 116.90 (116.60 to 117.60): V

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: VU024814.D

Acq: 21 Jun 2018 16:29

Instrument :

MSVOA_U

ClientSampleId :

S39-0183

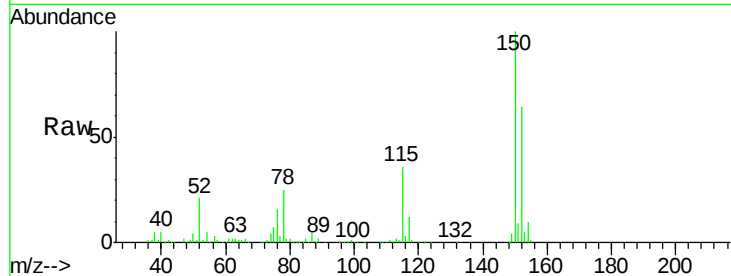
Tot Ion:152 Resp: 145081

Ion Ratio Lower Upper

152 100

115 56.3 43.0 129.0

150 157.3 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

