

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU025005.D
 Acq On : 28 Jun 2018 07:24
 Operator : MD/SY
 Sample : J3671-13ME 10X
 Misc : 5.95g/5mL/100uL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0478-180621ME

Quant Time: Jun 28 07:57:26 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	212604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	322020	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	298173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	159358	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	161441	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
35) Dibromofluoromethane	4.89	113	125213	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
50) Toluene-d8	7.57	98	469780	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	10.31	95	172678	44.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.22%	

Target Compounds

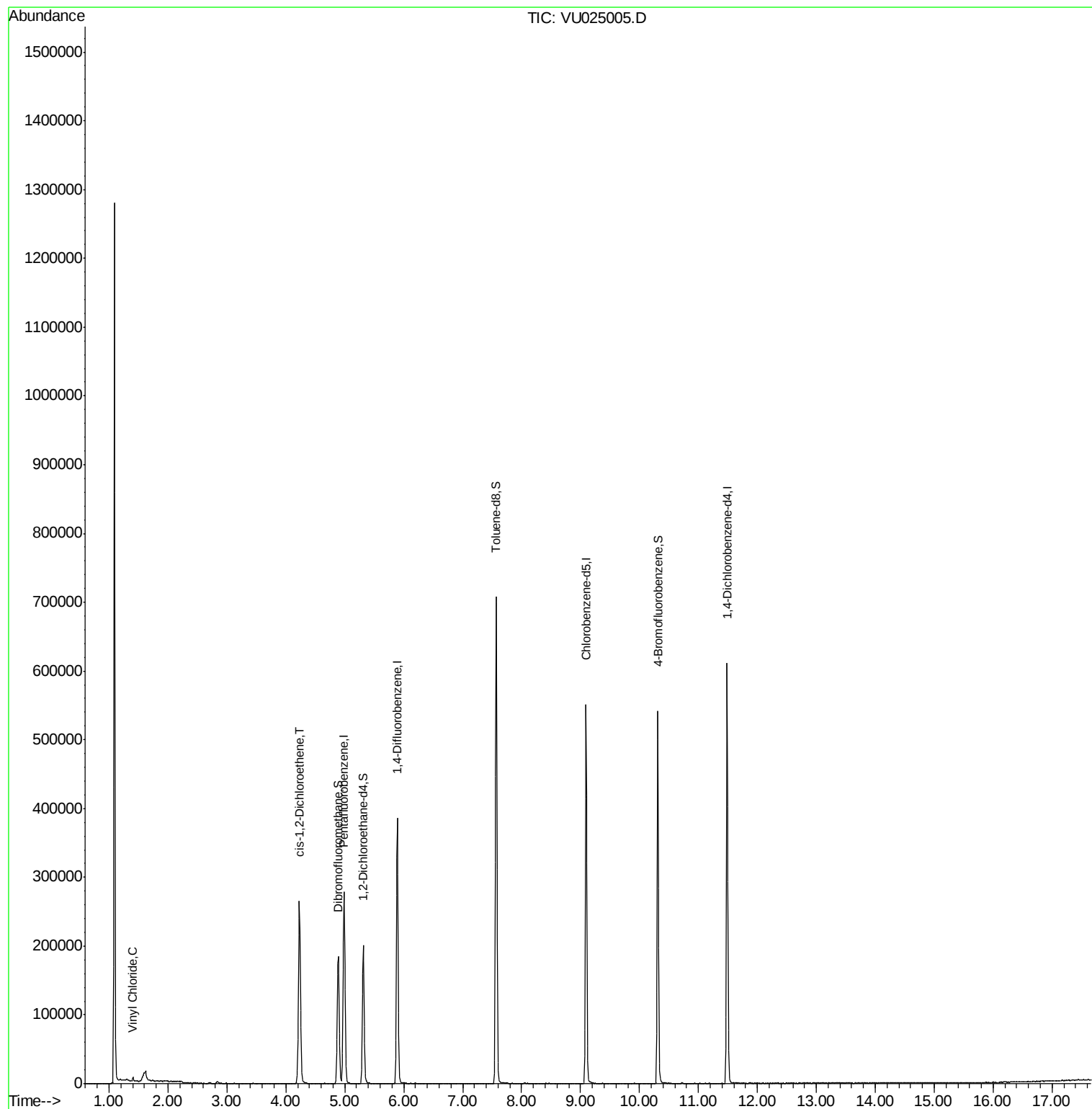
						Qvalue
4) Vinyl Chloride	1.40	62	3522	1.26	ug/l	91
27) cis-1,2-Dichloroethene	4.23	96	148952	48.59	ug/l	87

(#) = 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: VU025005.D

Acq: 28 Jun 2018 07:24

Instrument :

MSVOA_U

ClientSampleId :

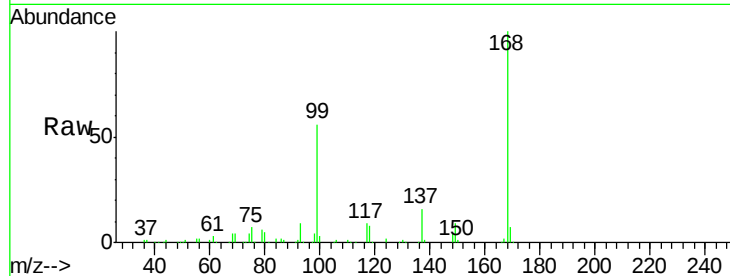
DUP-0478-180621ME

Tot Ion:168 Resp: 212604

Ion Ratio Lower Upper

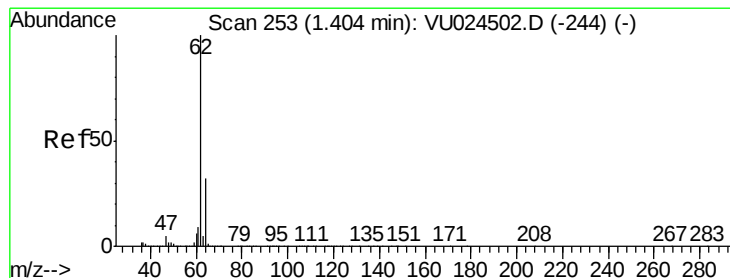
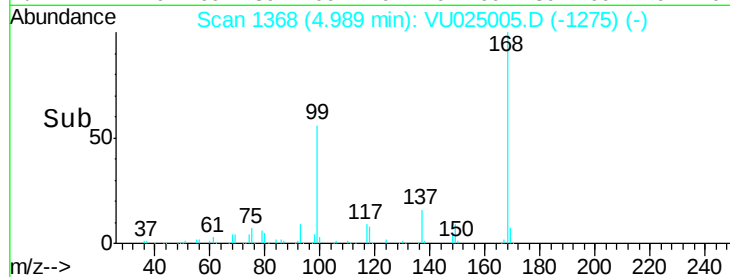
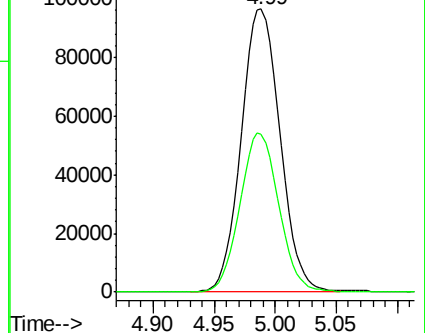
168 100

99 55.8 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

Vinyl Chloride

Concen: 1.26 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025005.D

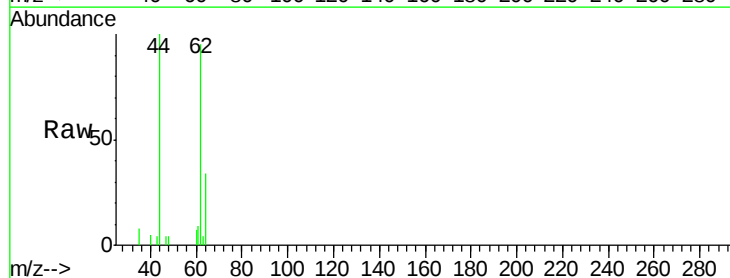
Acq: 28 Jun 2018 07:24

Tgt Ion: 62 Resp: 3522

Ion Ratio Lower Upper

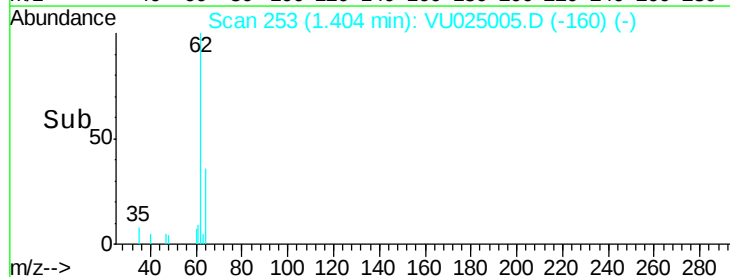
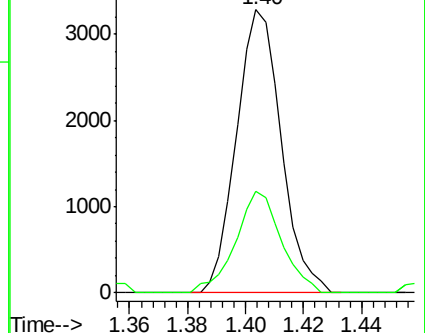
62 100

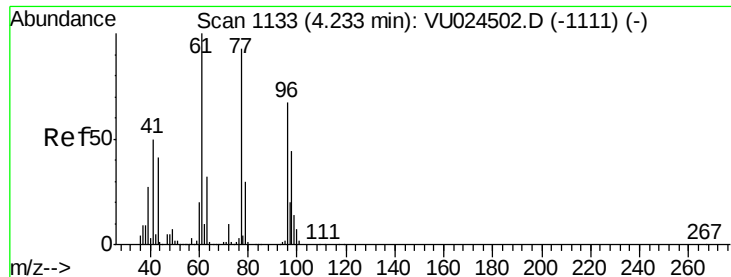
64 35.7 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU024502.D (-244) (-)





#27

cis-1,2-Dichloroethene

Concen: 48.59 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025005.D

Acq: 28 Jun 2018 07:24

Instrument :

MSVOA_U

ClientSampleId :

DUP-0478-180621ME

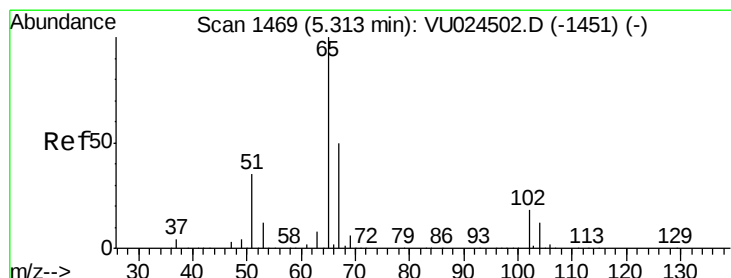
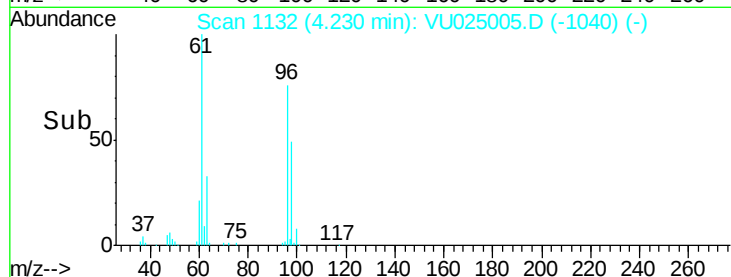
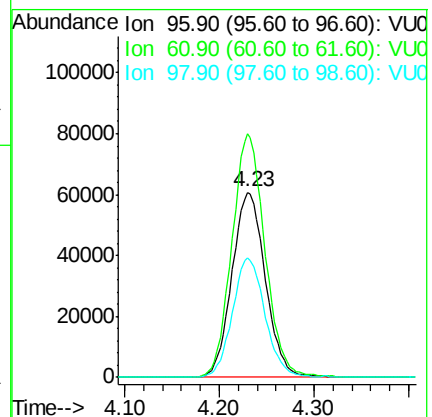
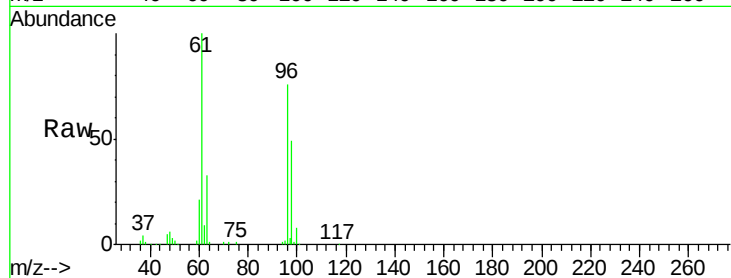
Tot Ion: 96 Resp: 148952

Ion Ratio Lower Upper

96 100

61 130.3 0.0 306.6

98 63.0 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 46.51 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025005.D

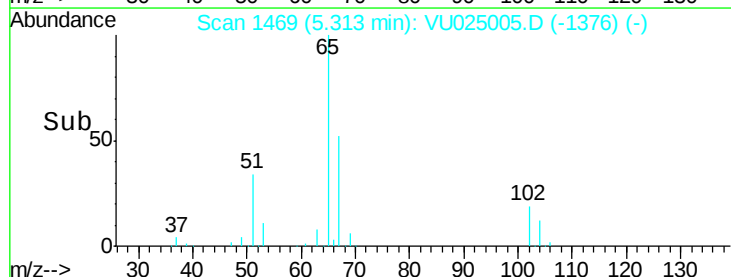
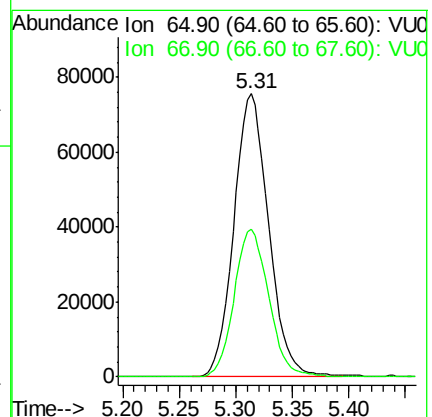
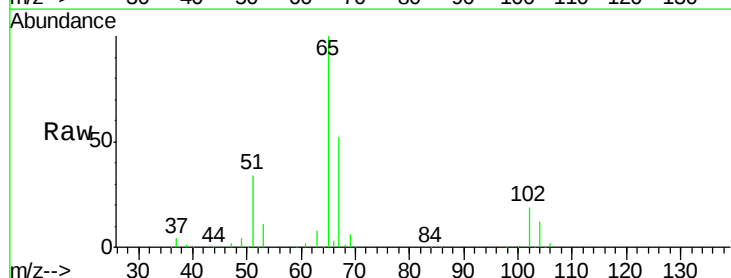
Acq: 28 Jun 2018 07:24

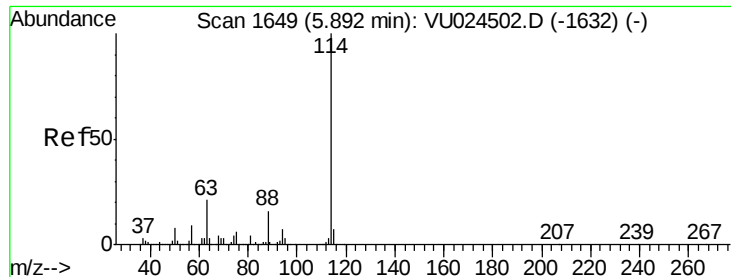
Tgt Ion: 65 Resp: 161441

Ion Ratio Lower Upper

65 100

67 52.0 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU025005.D

Acq: 28 Jun 2018 07:24

Instrument :

MSVOA_U

ClientSampleId :

DUP-0478-180621ME

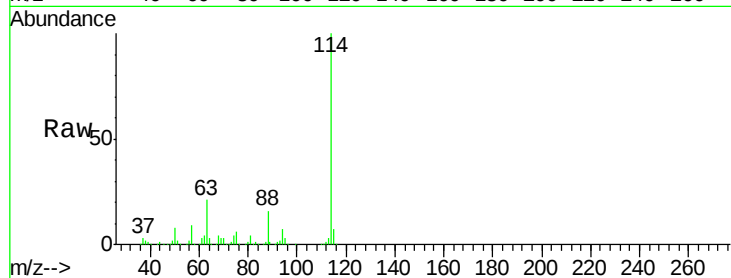
Tot Ion:114 Resp: 322020

Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.4

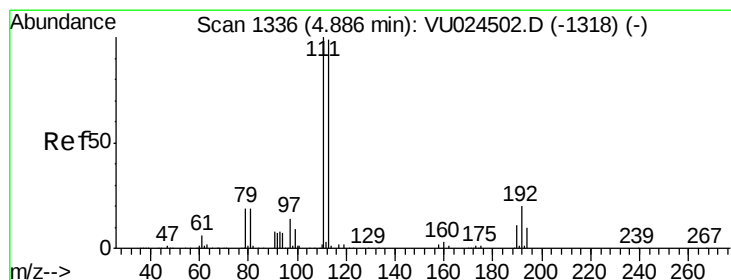
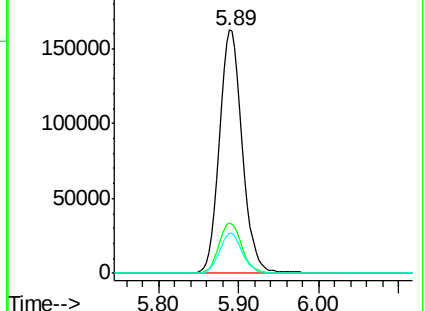
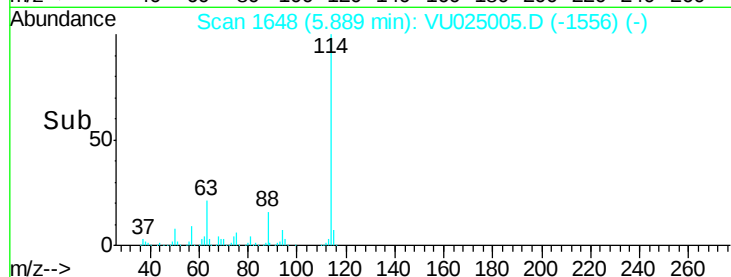
88 16.4 0.0 31.0



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: 46.85 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025005.D

Acq: 28 Jun 2018 07:24

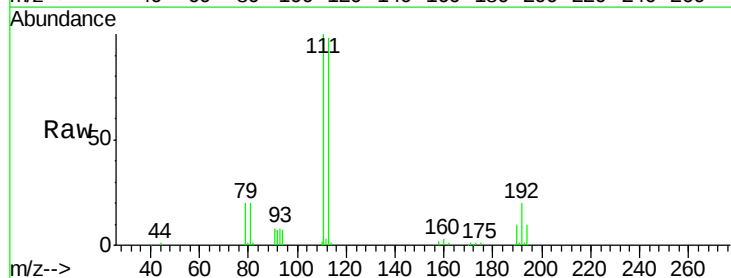
Tgt Ion:113 Resp: 125213

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

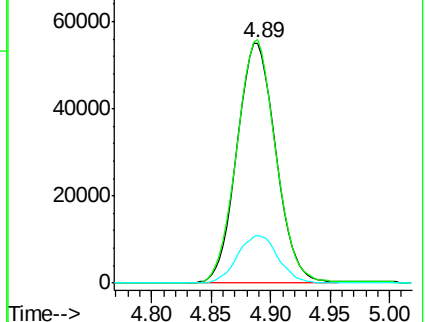
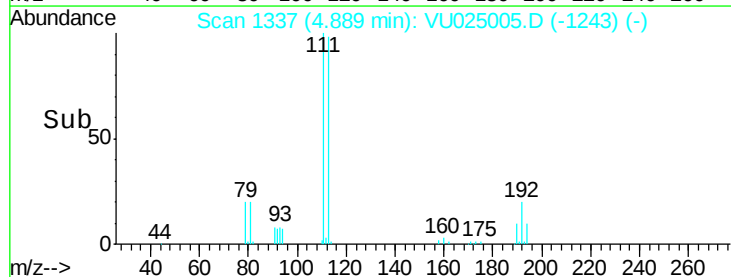
192 20.6 16.2 24.4



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: 48.19 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025005.D

Acq: 28 Jun 2018 07:24

Instrument :

MSVOA_U

ClientSampleId :

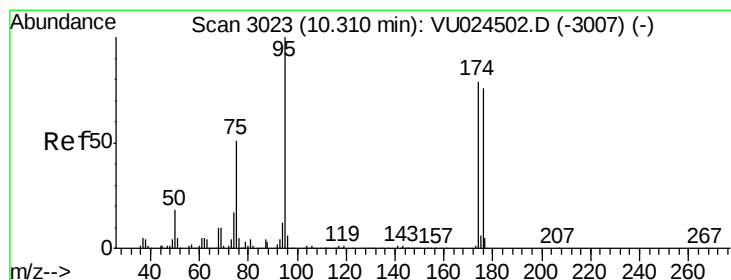
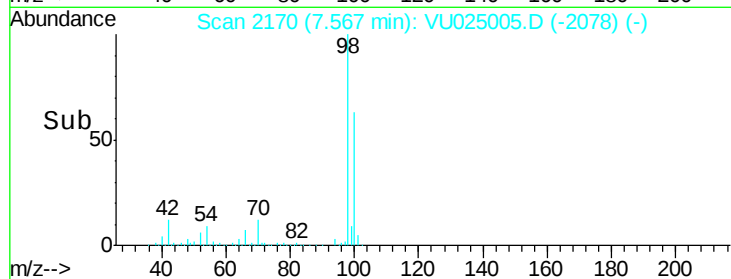
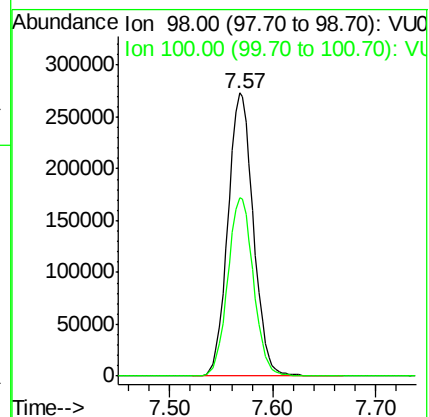
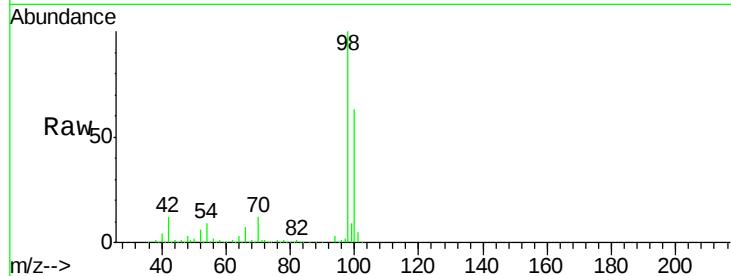
DUP-0478-180621ME

Tot Ion: 98 Resp: 469780

Ion Ratio Lower Upper

98 100

100 63.2 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.61 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025005.D

Acq: 28 Jun 2018 07:24

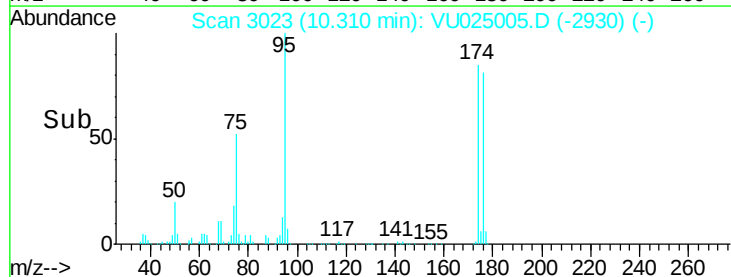
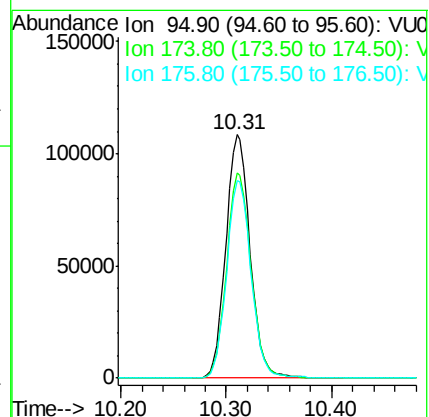
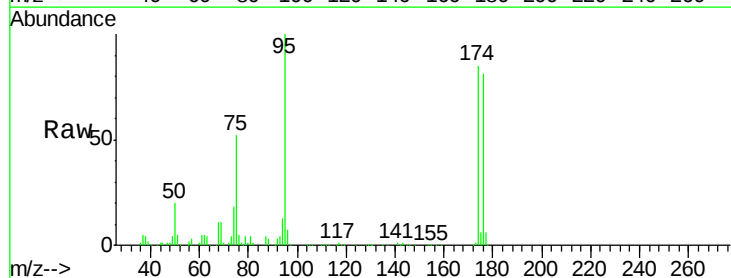
Tgt Ion: 95 Resp: 172678

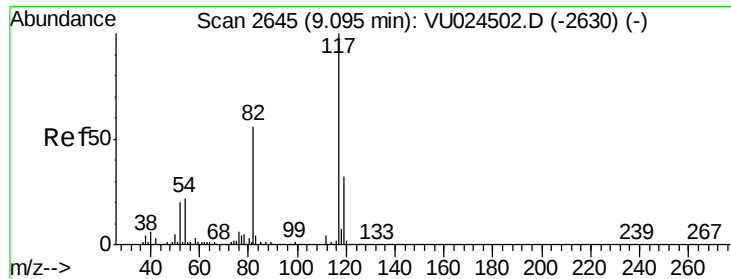
Ion Ratio Lower Upper

95 100

174 85.2 0.0 165.8

176 81.7 0.0 159.4

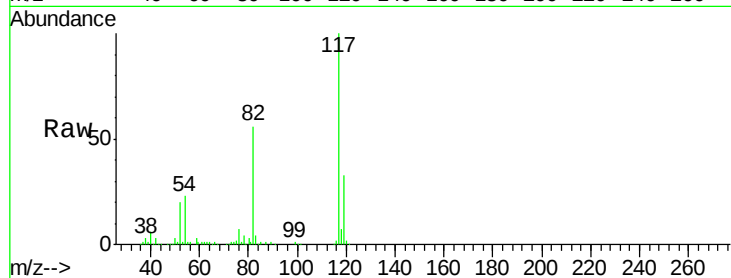




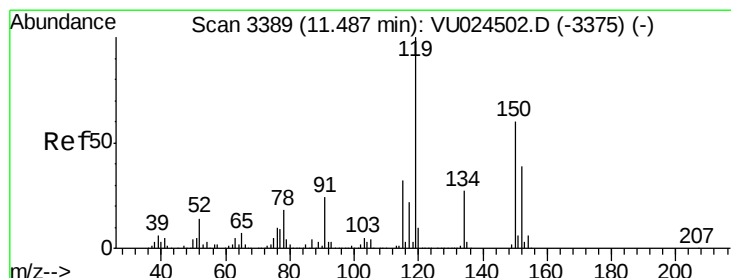
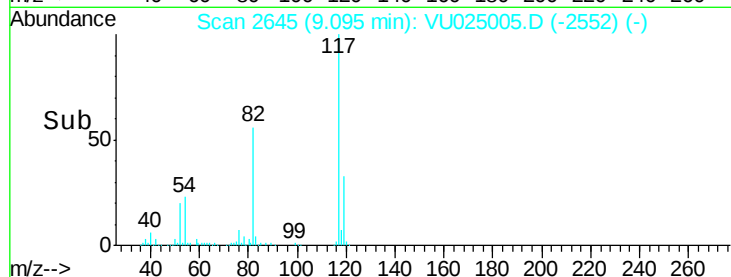
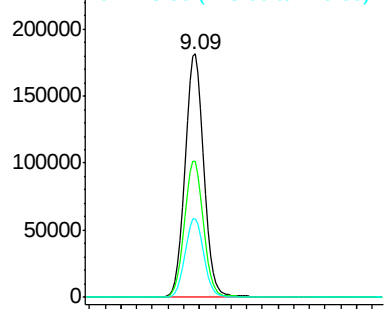
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025005.D
Acq: 28 Jun 2018 07:24

Instrument :
MSVOA_U
ClientSampleId :
DUP-0478-180621ME

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.3	66.5
119	32.5	25.4	38.2

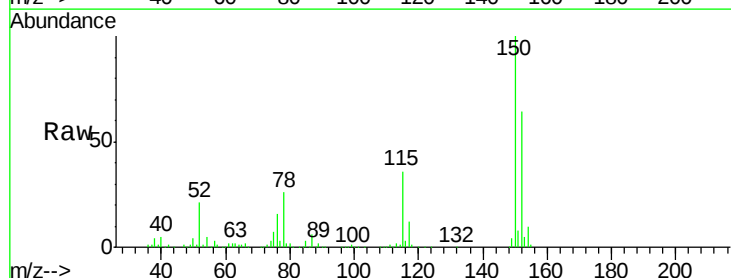


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025005.D
Acq: 28 Jun 2018 07:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	43.0	129.0
150	157.0	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

