

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024730.D
 Acq On : 19 Jun 2018 07:58
 Operator : MD/SY
 Sample : J3535-19
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0447-180613

Quant Time: Jun 19 08:30:20 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

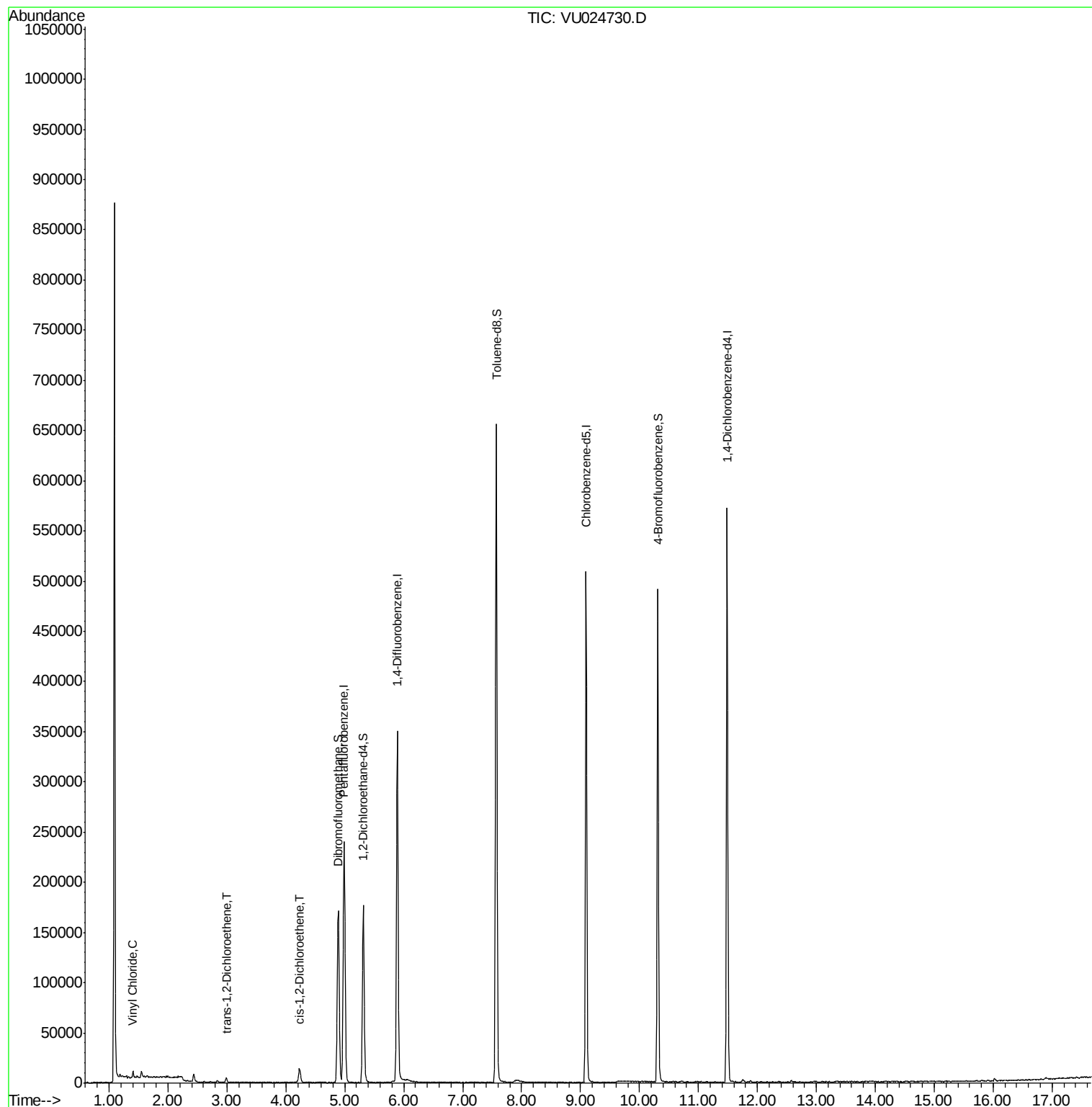
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	193580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	301258	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	280638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149210	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	132747	42.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.02%	
35) Dibromofluoromethane	4.89	113	116008	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
50) Toluene-d8	7.57	98	442037	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
62) 4-Bromofluorobenzene	10.31	95	157274	43.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.86%	
Target Compounds						
4) Vinyl Chloride	1.40	62	4013	1.57	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	2139	0.88	ug/l	84
27) cis-1,2-Dichloroethene	4.24	96	7530	2.70	ug/l	85

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024730.D
Acq On : 19 Jun 2018 07:58
Operator : MD/SY
Sample : J3535-19
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DUP-0447-180613

Quant Time: Jun 19 08:30:20 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 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: VU024730.D

Acq: 19 Jun 2018 07:58

Instrument :

MSVOA_U

ClientSampleId :

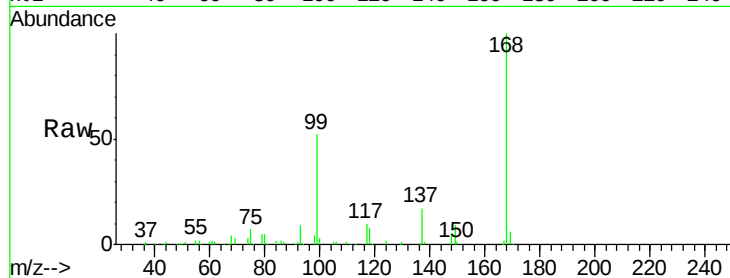
DUP-0447-180613

Tot Ion:168 Resp: 193580

Ion Ratio Lower Upper

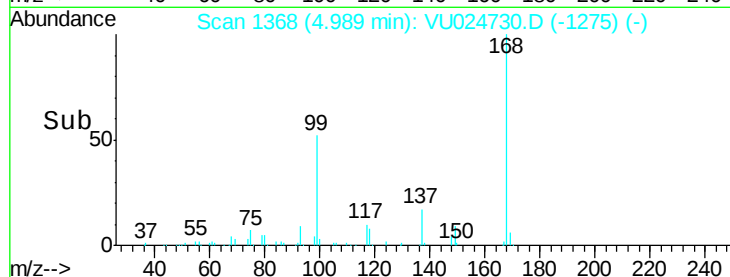
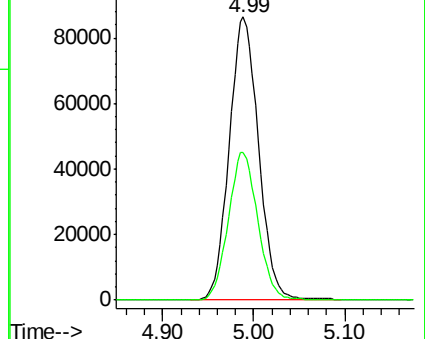
168 100

99 52.2 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024730.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024730.D (-1275) (-)



#4

Vinyl Chloride

Concen: 1.57 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024730.D

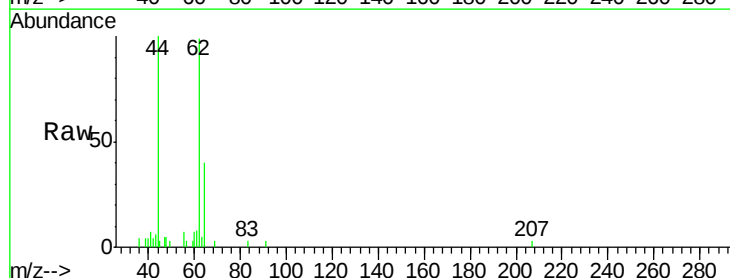
Acq: 19 Jun 2018 07:58

Tgt Ion: 62 Resp: 4013

Ion Ratio Lower Upper

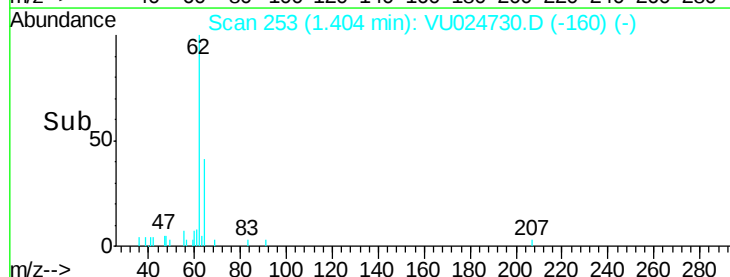
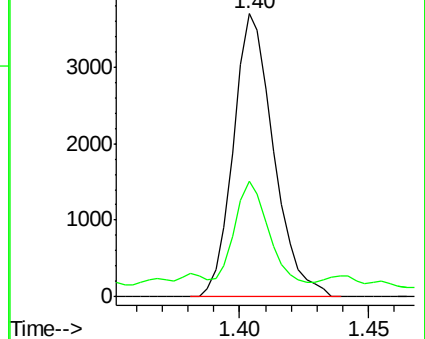
62 100

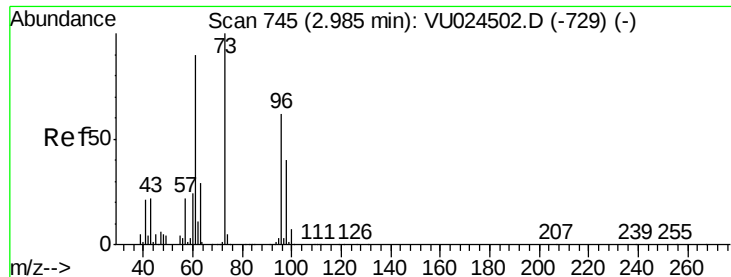
64 33.2 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024730.D (-160) (-)

Ion 63.90 (63.60 to 64.60): VU024730.D (-160) (-)





#21

trans-1,2-Dichloroethene

Concen: 0.88 ug/l

RT: 2.99 min Scan# 747

Delta R.T. 0.01 min

Lab File: VU024730.D

Acq: 19 Jun 2018 07:58

Instrument :

MSVOA_U

ClientSampleId :

DUP-0447-180613

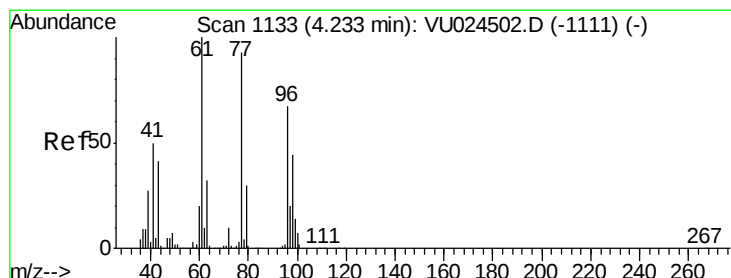
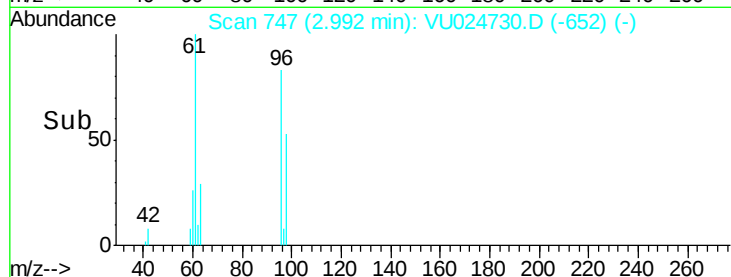
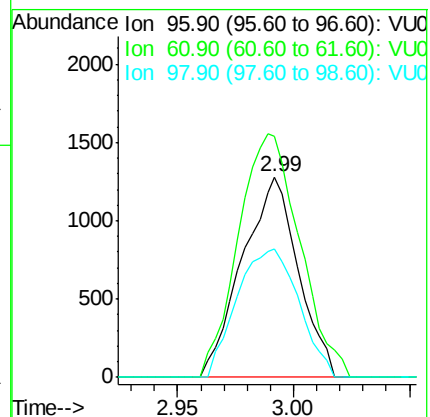
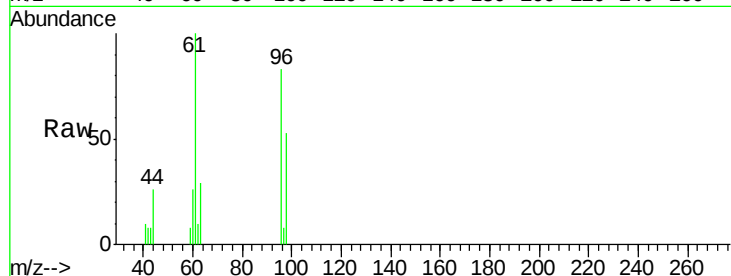
Tot Ion: 96 Resp: 2139

Ion Ratio Lower Upper

96 100

61 120.5 119.4 179.0

98 63.9 51.1 76.7



#27

cis-1,2-Dichloroethene

Concen: 2.70 ug/l

RT: 4.24 min Scan# 1134

Delta R.T. 0.00 min

Lab File: VU024730.D

Acq: 19 Jun 2018 07:58

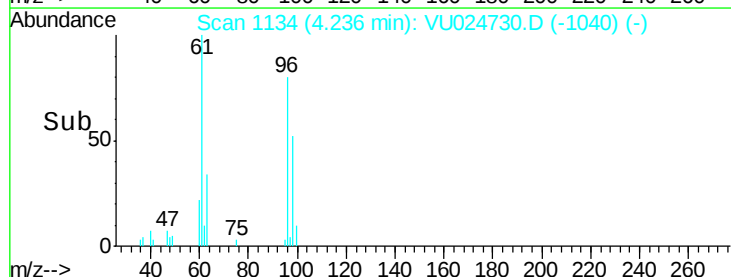
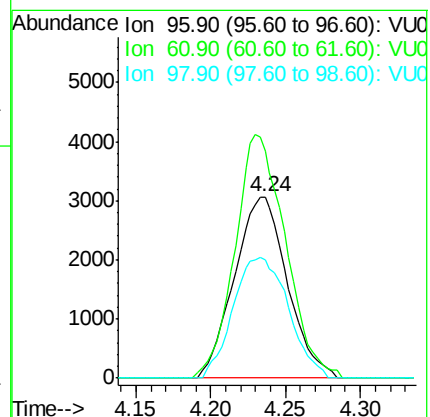
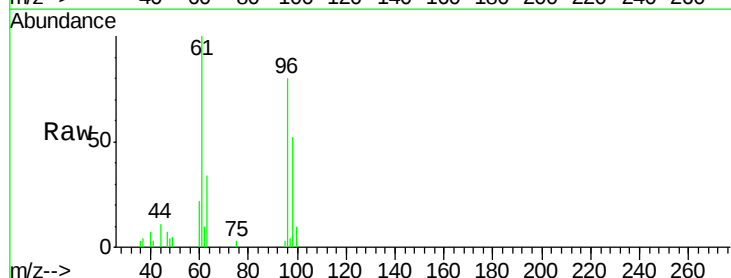
Tgt Ion: 96 Resp: 7530

Ion Ratio Lower Upper

96 100

61 128.5 0.0 306.6

98 69.3 0.0 128.8

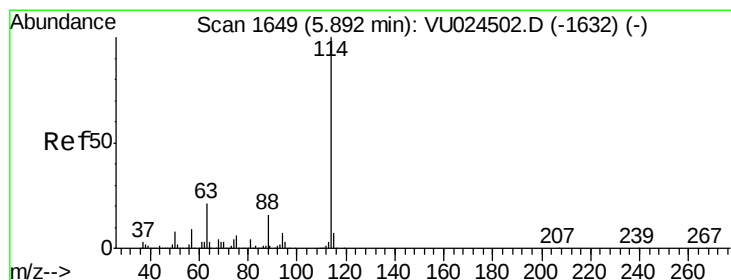
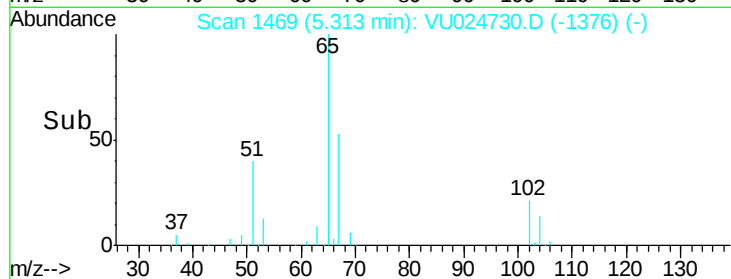
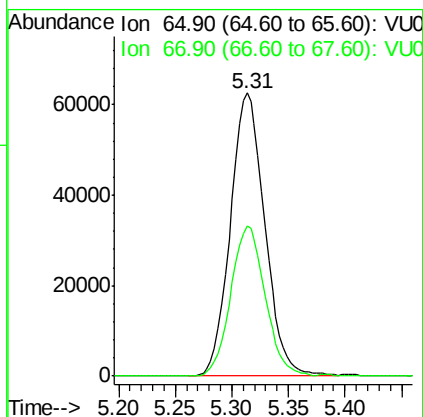
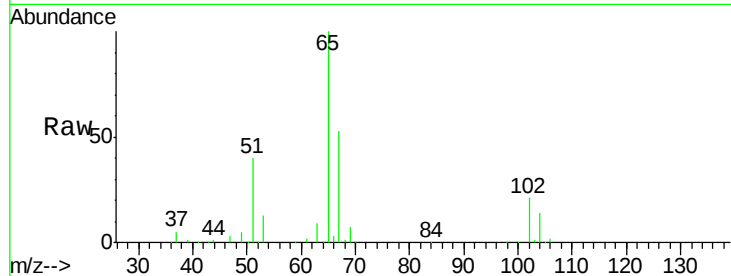




#33
 1,2-Dichloroethane-d4
 Concen: 42.01 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024730.D
 Acq: 19 Jun 2018 07:58

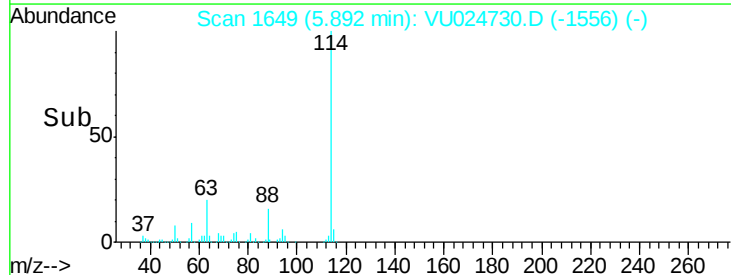
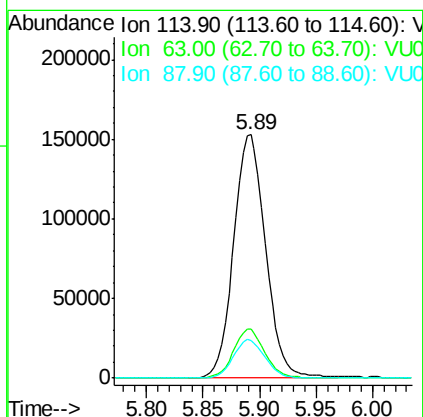
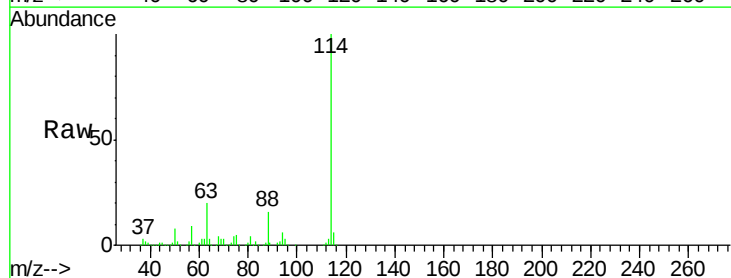
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0447-180613

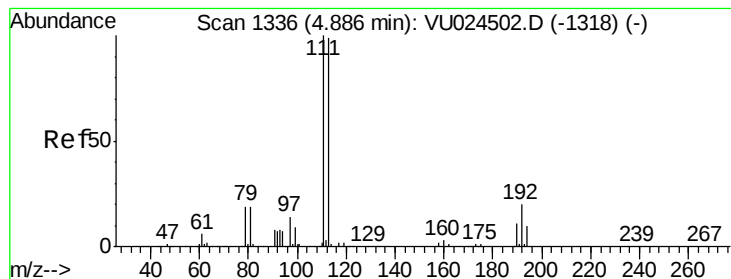
Tot Ion: 65 Resp: 132747
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024730.D
 Acq: 19 Jun 2018 07:58

Tgt Ion: 114 Resp: 301258
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 45.4
 88 15.6 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.40 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024730.D

Acq: 19 Jun 2018 07:58

Instrument :

MSVOA_U

ClientSampleId :

DUP-0447-180613

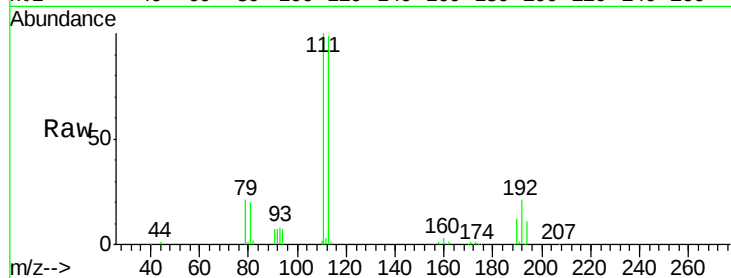
Tot Ion:113 Resp: 116008

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

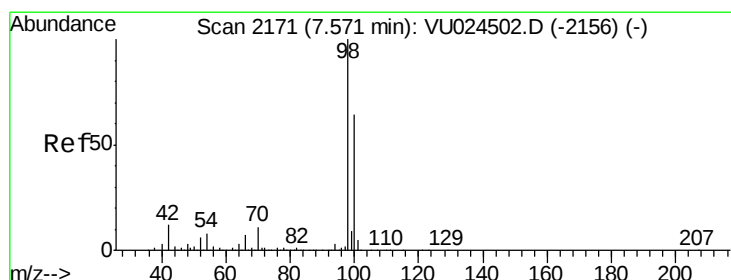
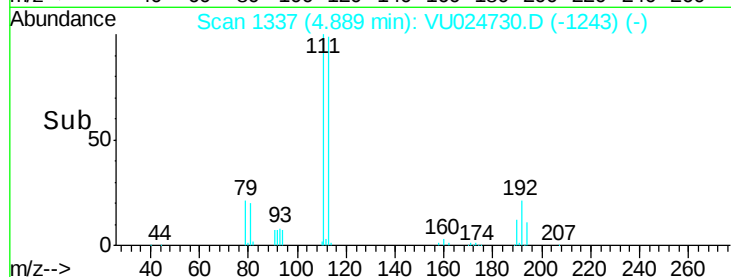
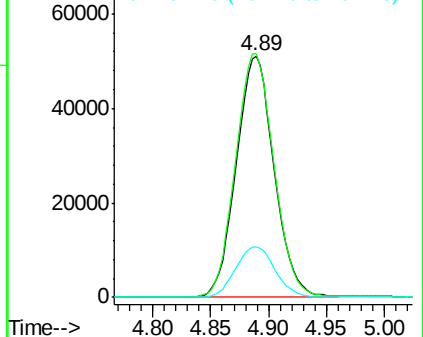
192 21.8 16.2 24.4



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: 48.47 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU024730.D

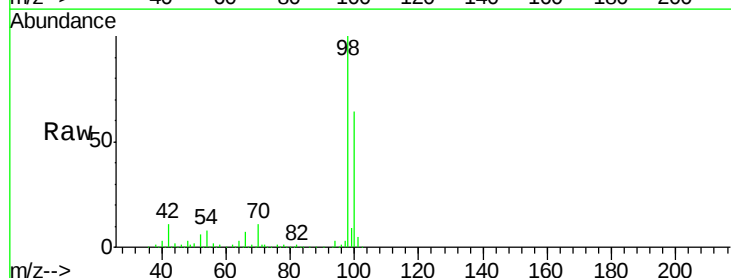
Acq: 19 Jun 2018 07:58

Tgt Ion: 98 Resp: 442037

Ion Ratio Lower Upper

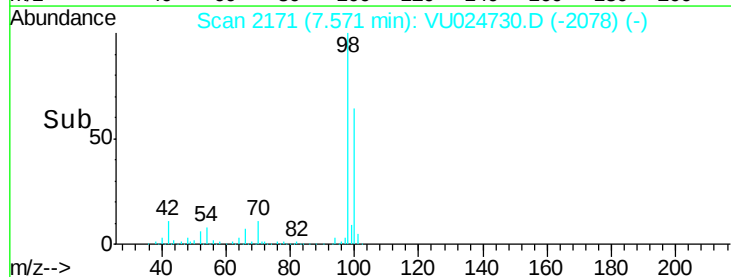
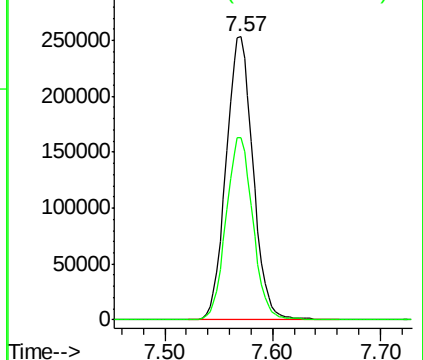
98 100

100 64.0 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

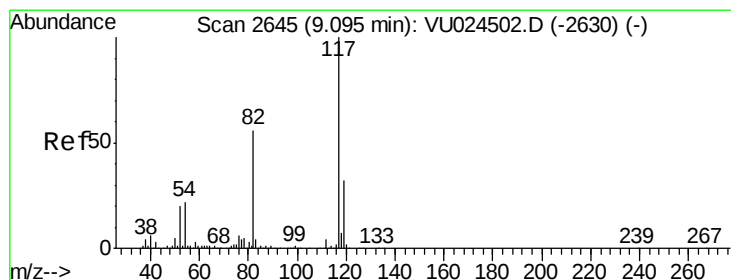
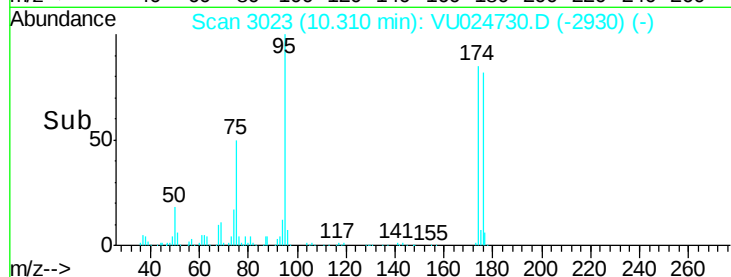
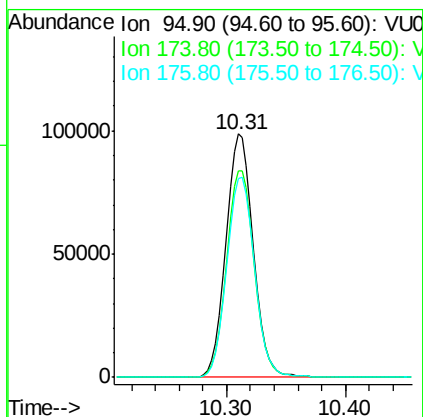
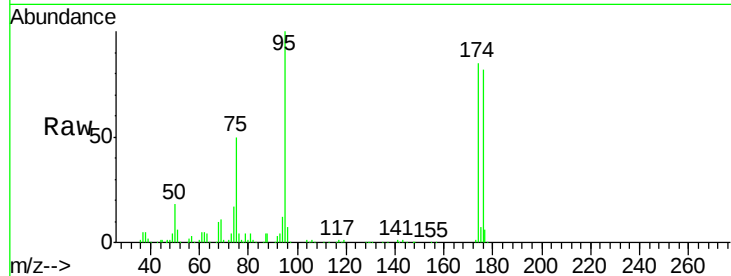




#62
4-Bromofluorobenzene
Concen: 43.43 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024730.D
Acq: 19 Jun 2018 07:58

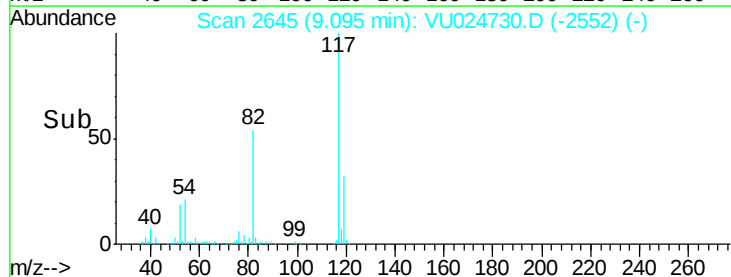
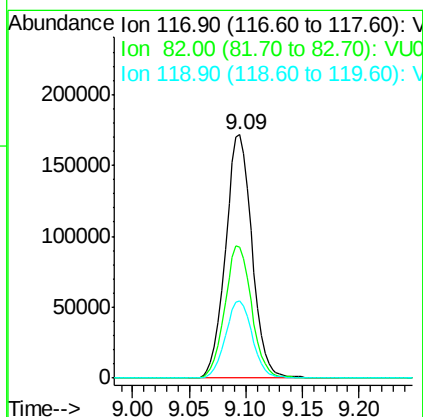
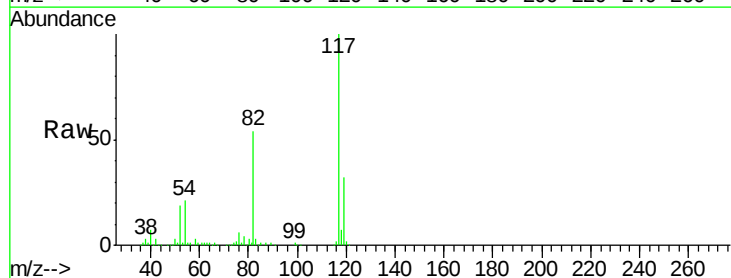
Instrument :
MSVOA_U
ClientSampleId :
DUP-0447-180613

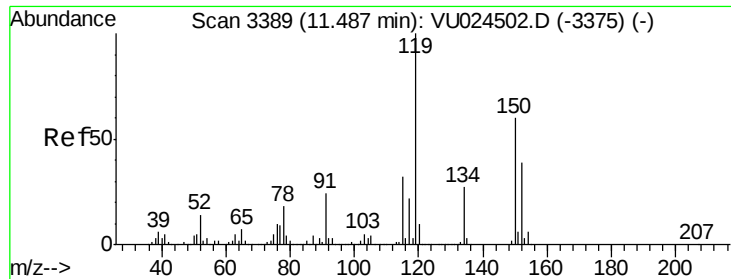
Tot Ion: 95 Resp: 157274
Ion Ratio Lower Upper
95 100
174 86.3 0.0 165.8
176 83.8 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024730.D
Acq: 19 Jun 2018 07:58

Tgt Ion: 117 Resp: 280638
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 31.6 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024730.D

Acq: 19 Jun 2018 07:58

Instrument :

MSVOA_U

ClientSampleId :

DUP-0447-180613

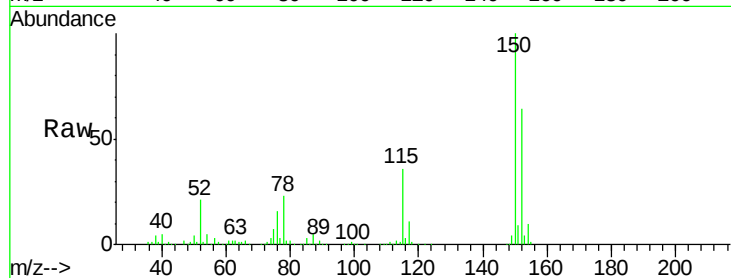
Tot Ion:152 Resp: 149210

Ion Ratio Lower Upper

152 100

115 56.6 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

