

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024717.D
 Acq On : 19 Jun 2018 02:43
 Operator : MD/SY
 Sample : J3535-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 KY070MW233-180613

Quant Time: Jun 19 09:49:32 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

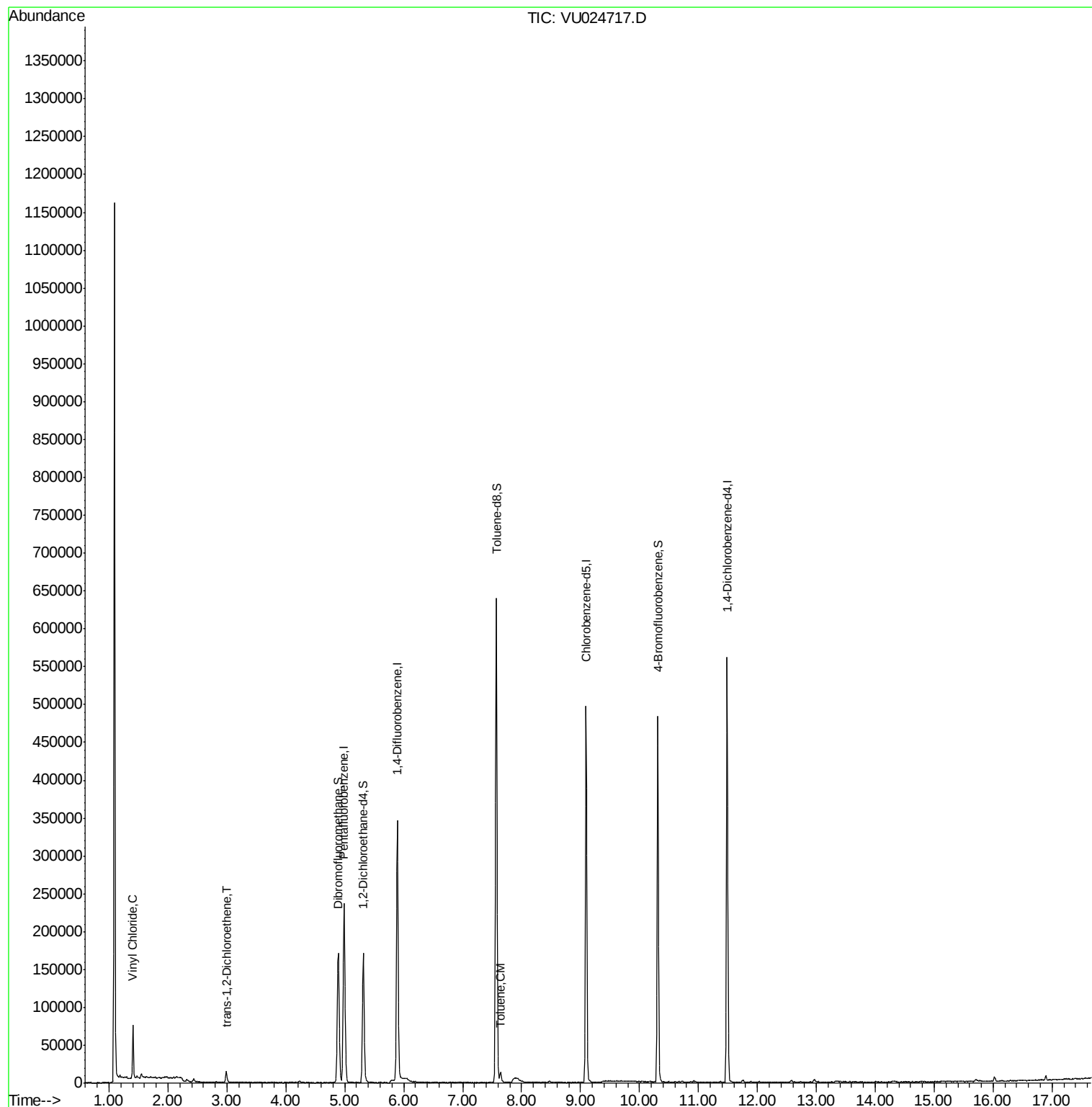
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	188996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	297027	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	274486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147479	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	129866	42.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.18%	
35) Dibromofluoromethane	4.89	113	115538	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
50) Toluene-d8	7.57	98	429385	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
62) 4-Bromofluorobenzene	10.31	95	153110	42.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.78%	
Target Compounds						
4) Vinyl Chloride	1.41	62	43478	17.44	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	6052	2.55	ug/l	83
52) Toluene	7.64	92	5212	0.81	ug/l	97

(#) = 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: VU024717.D

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Instrument :

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ClientSampleId :

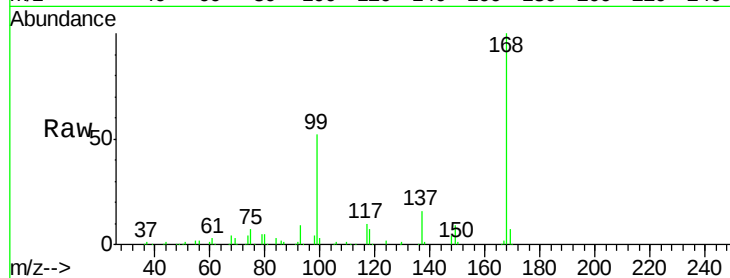
KY070MW233-180613

Tot Ion:168 Resp: 188996

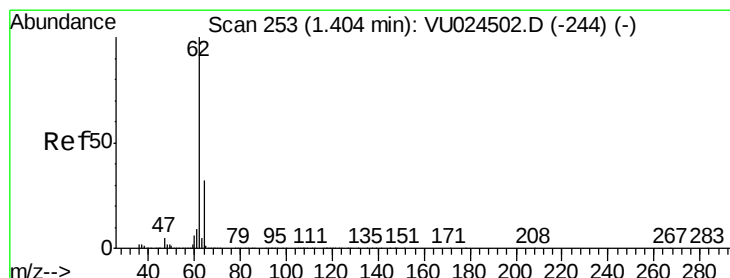
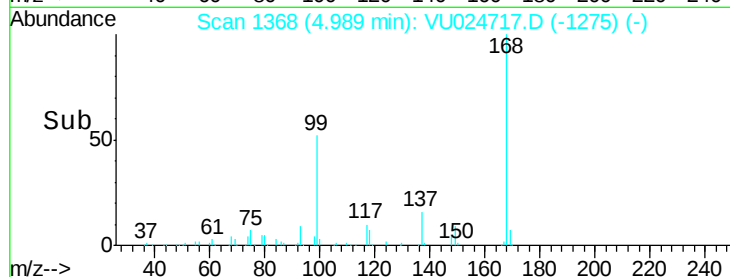
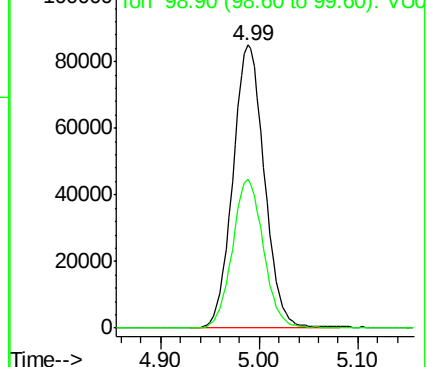
Ion Ratio Lower Upper

168 100

99 52.4 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)



#4

Vinyl Chloride

Concen: 17.44 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU024717.D

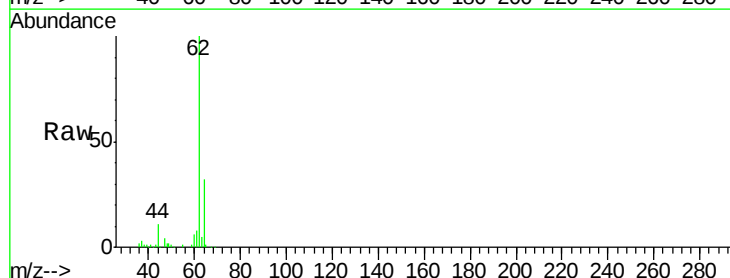
Acq: 19 Jun 2018 02:43

Tgt Ion: 62 Resp: 43478

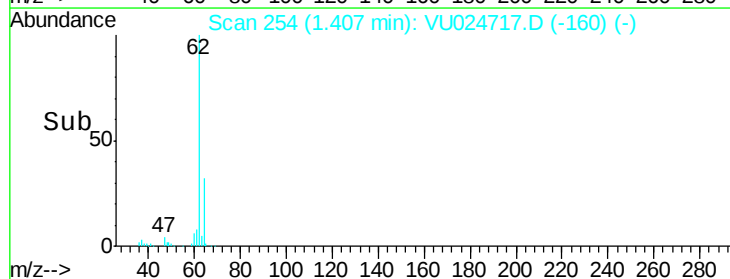
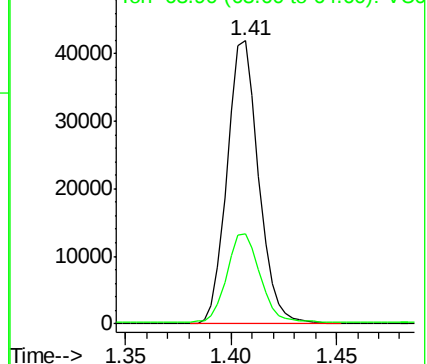
Ion Ratio Lower Upper

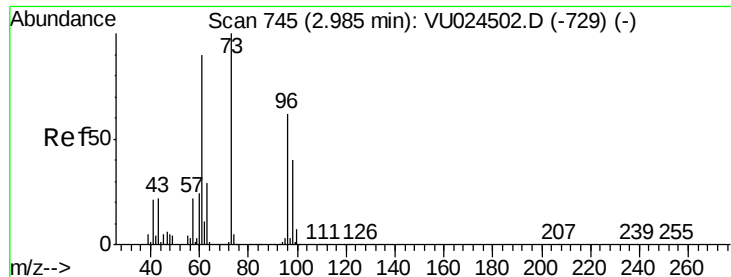
62 100

64 31.4 24.8 37.2



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





#21

trans-1,2-Dichloroethene

Concen: 2.55 ug/l

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU024717.D

Acq: 19 Jun 2018 02:43

Instrument :

MSVOA_U

ClientSampleId :

KY070MW233-180613

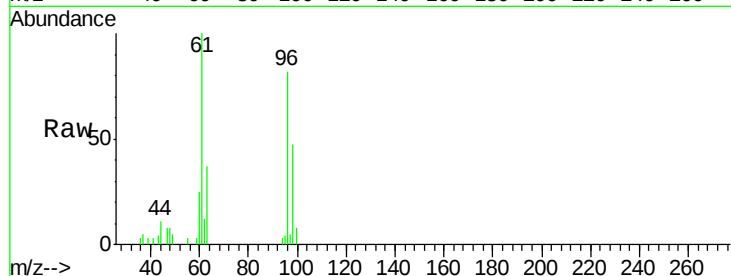
Tot Ion: 96 Resp: 6052

Ion Ratio Lower Upper

96 100

61 122.4 119.4 179.0

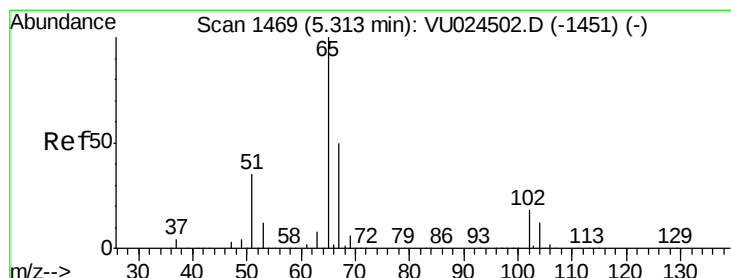
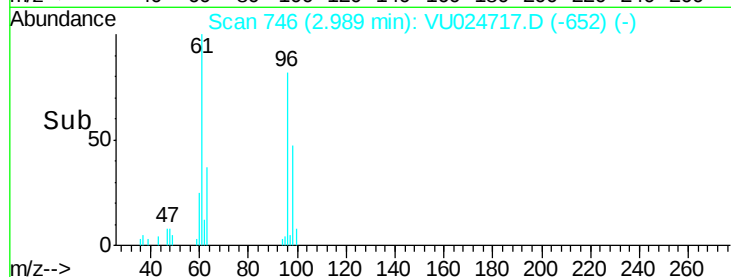
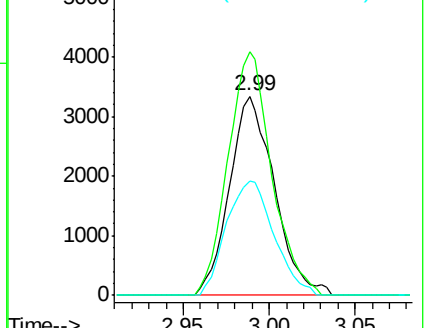
98 57.4 51.1 76.7



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: 42.09 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024717.D

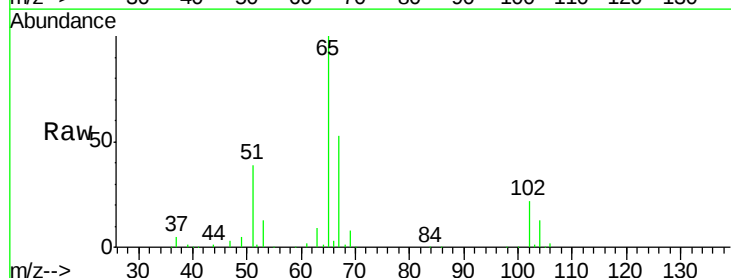
Acq: 19 Jun 2018 02:43

Tgt Ion: 65 Resp: 129866

Ion Ratio Lower Upper

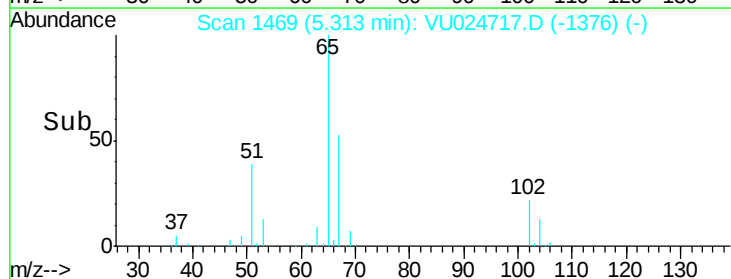
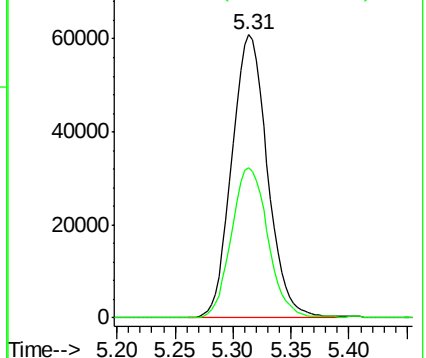
65 100

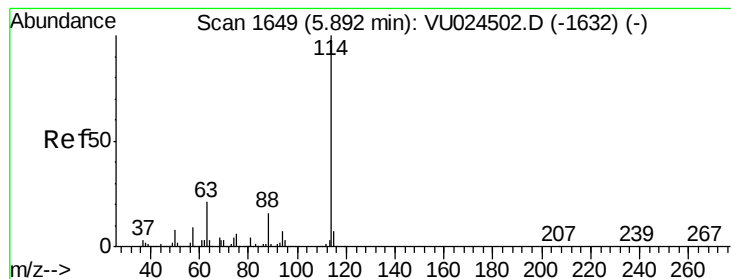
67 54.5 0.0 107.0



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: VU024717.D

Acq: 19 Jun 2018 02:43

Instrument :

MSVOA_U

ClientSampleId :

KY070MW233-180613

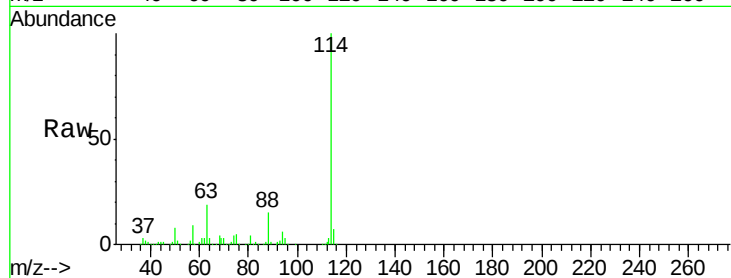
Tot Ion:114 Resp: 297027

Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.4

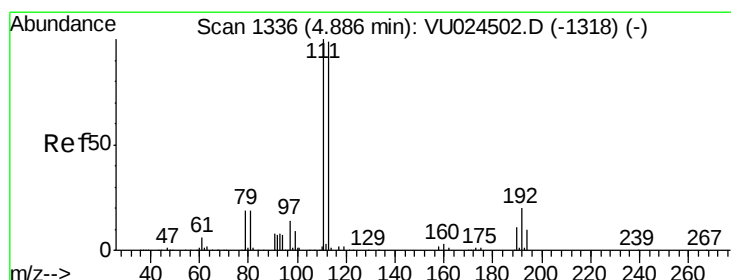
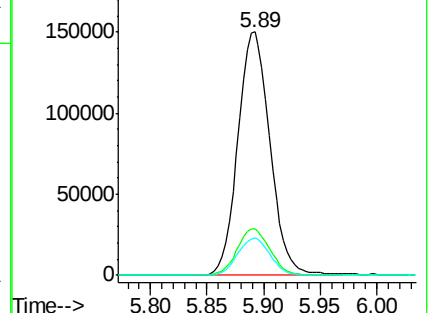
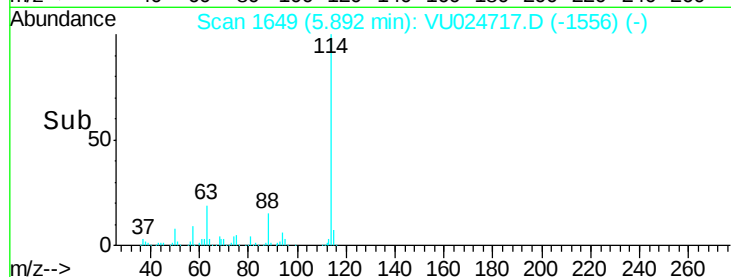
88 15.4 0.0 31.0



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: 46.87 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU024717.D

Acq: 19 Jun 2018 02:43

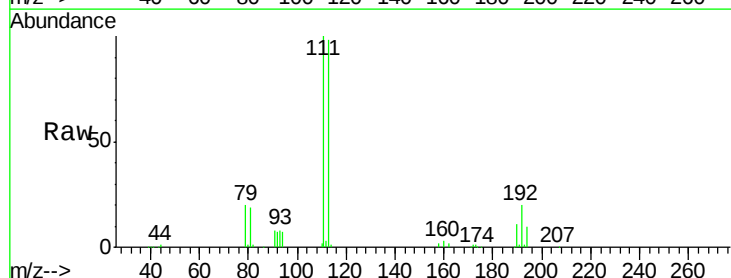
Tgt Ion:113 Resp: 115538

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

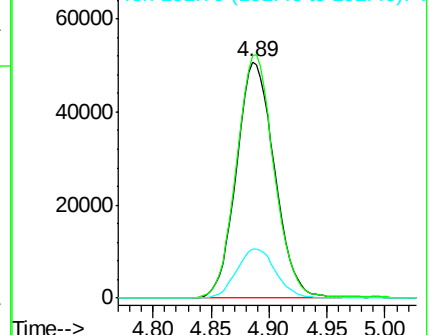
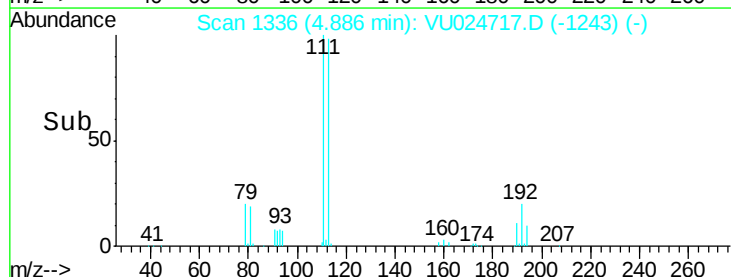
192 21.4 16.2 24.4



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

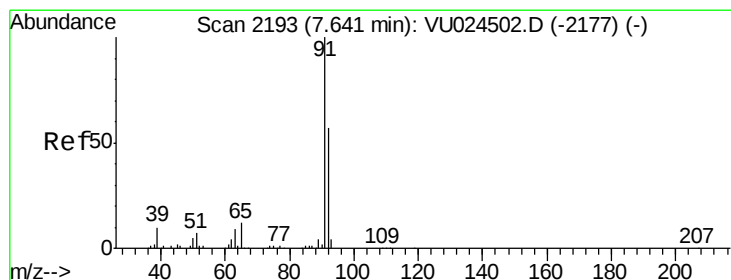
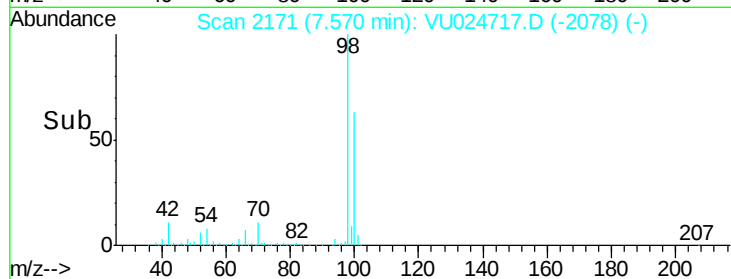
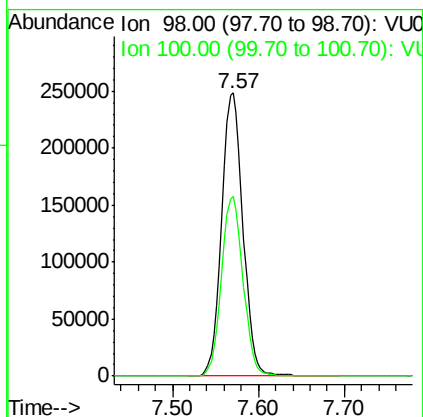
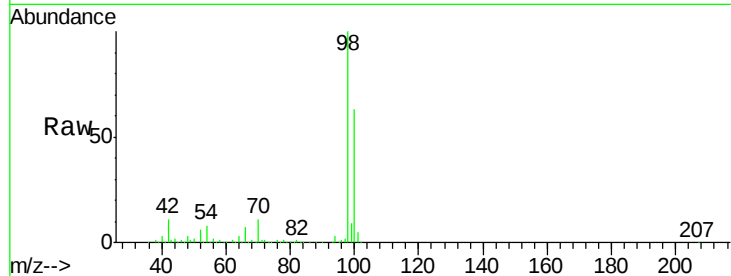




#50
Toluene-d8
Concen: 47.75 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024717.D
Acq: 19 Jun 2018 02:43

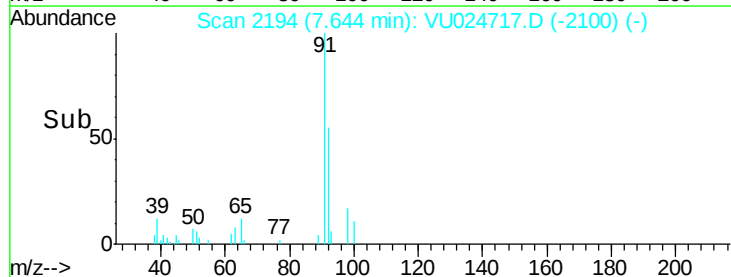
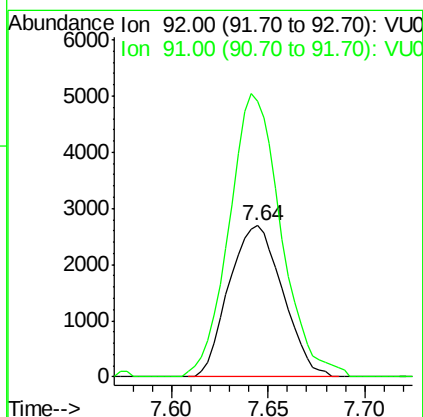
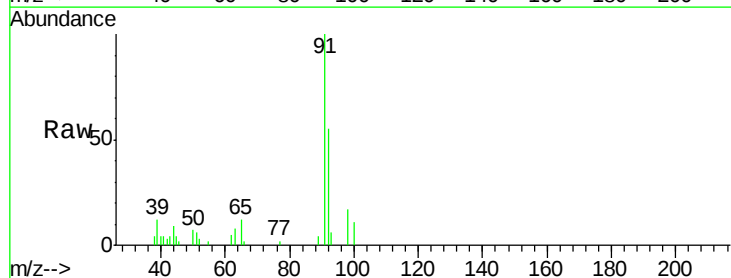
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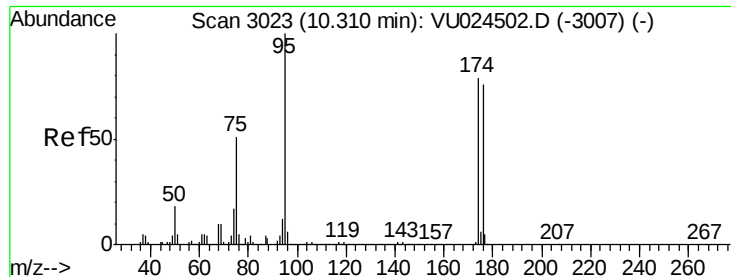
Tot Ion: 98 Resp: 429385
Ion Ratio Lower Upper
98 100
100 64.1 51.1 76.7



#52
Toluene
Concen: 0.81 ug/l
RT: 7.64 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU024717.D
Acq: 19 Jun 2018 02:43

Tgt Ion: 92 Resp: 5212
Ion Ratio Lower Upper
92 100
91 180.3 140.5 210.7

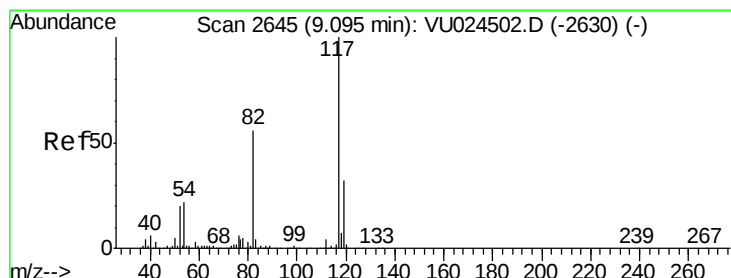
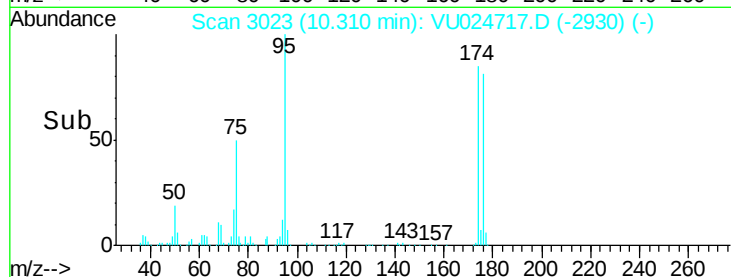
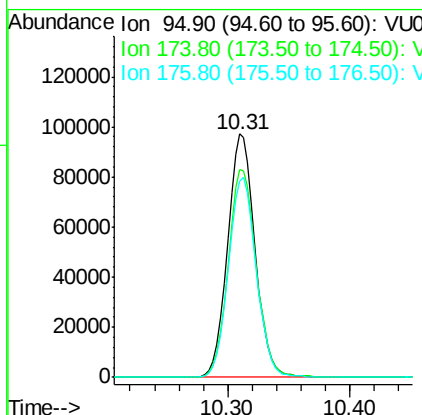
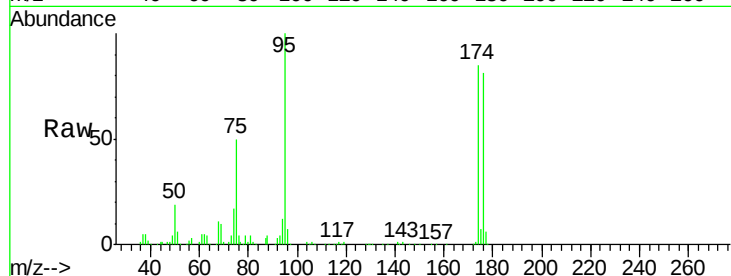




#62
4-Bromofluorobenzene
Concen: 42.89 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024717.D
Acq: 19 Jun 2018 02:43

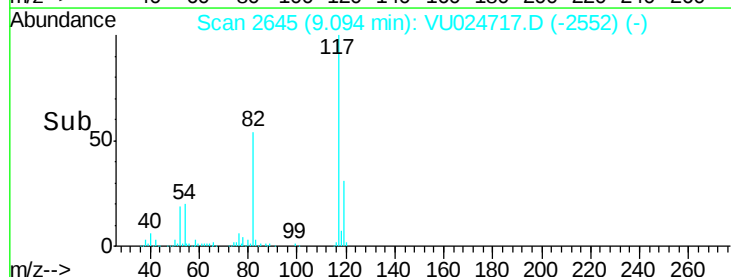
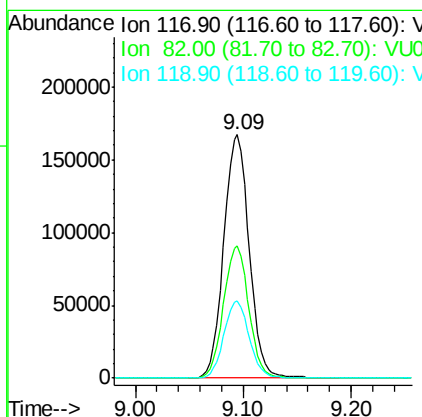
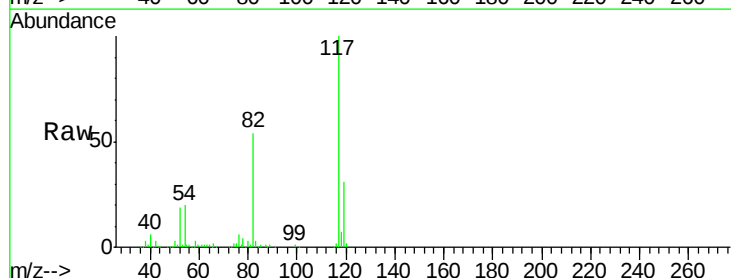
Instrument :
MSVOA_U
ClientSampleId :
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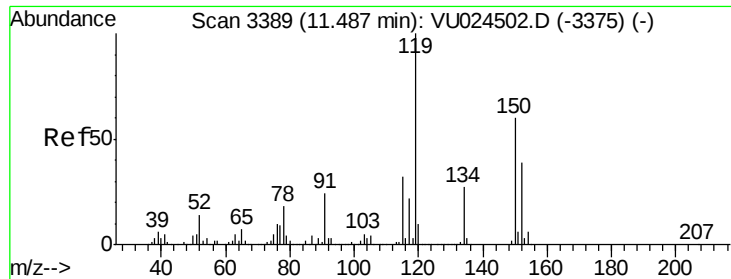
Tot Ion: 95 Resp: 153110
Ion Ratio Lower Upper
95 100
174 87.5 0.0 165.8
176 83.1 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024717.D
Acq: 19 Jun 2018 02:43

Tgt Ion: 117 Resp: 274486
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 31.5 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: VU024717.D

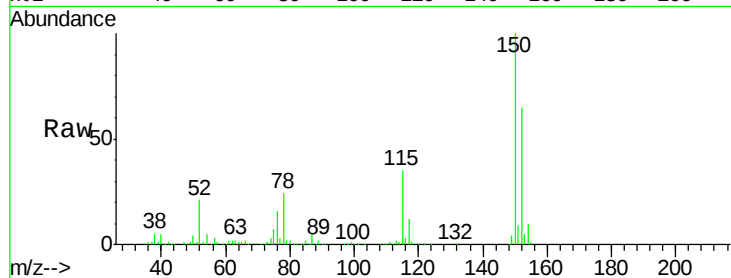
Acq: 19 Jun 2018 02:43

Instrument :

MSVOA_U

ClientSampleId :

KY070MW233-180613



Tot Ion:152 Resp: 147479

Ion Ratio Lower Upper

152 100

115 54.6 43.0 129.0

150 156.1 0.0 354.0

