

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024791.D
 Acq On : 21 Jun 2018 05:40
 Operator : MD/SY
 Sample : J3585-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW20

Quant Time: Jun 21 10:21:50 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

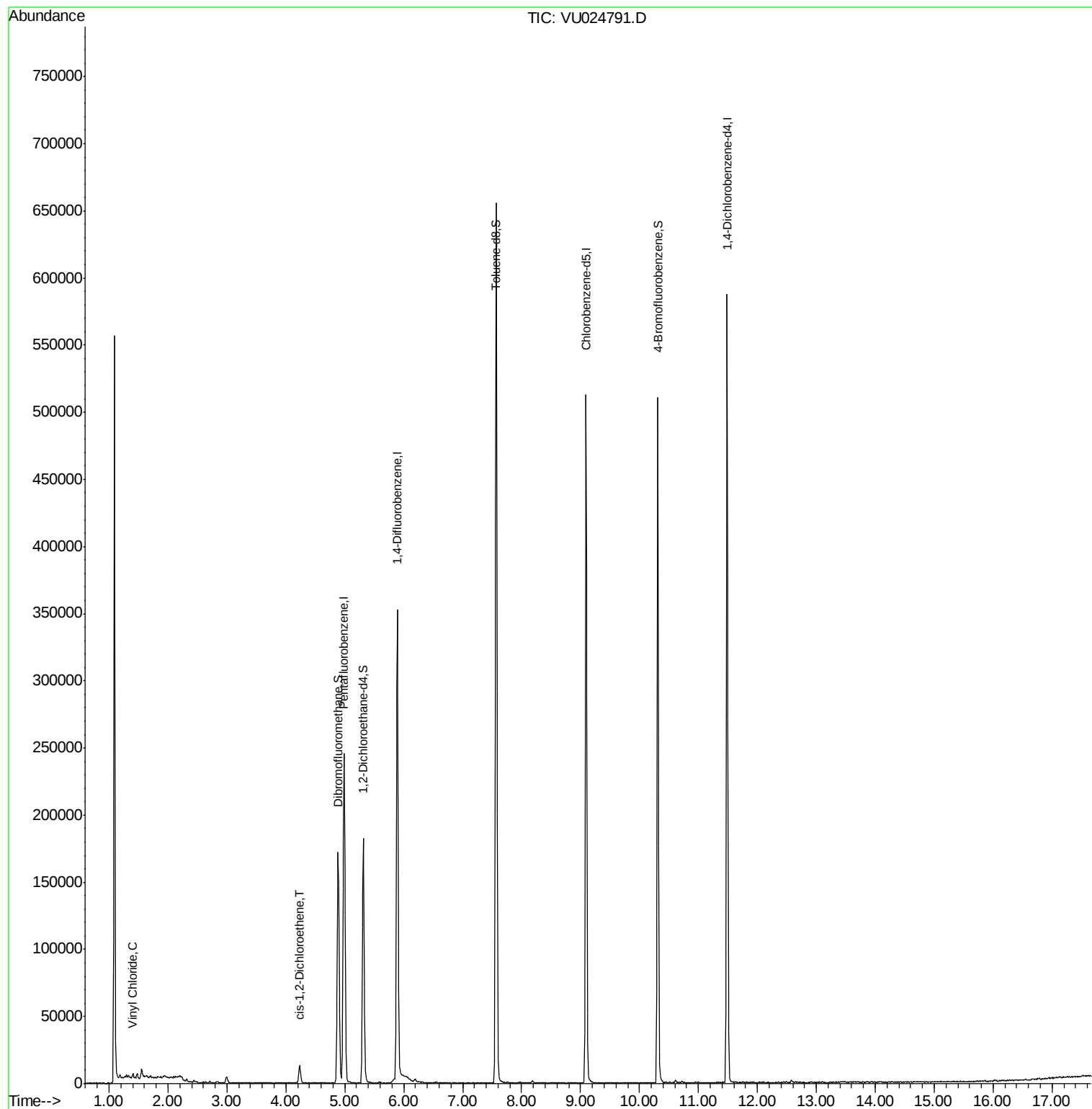
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	193189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	296898	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	279985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	153137	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	138691	43.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.96%	
35) Dibromofluoromethane	4.89	113	116240	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
50) Toluene-d8	7.57	98	437445	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	10.31	95	159958	44.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.64%	
Target Compounds						
4) Vinyl Chloride	1.40	62	1938	0.76	ug/l	91
27) cis-1,2-Dichloroethene	4.23	96	7603	2.73	ug/l	88

(#) = 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: VU024791.D

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ClientSampleId :

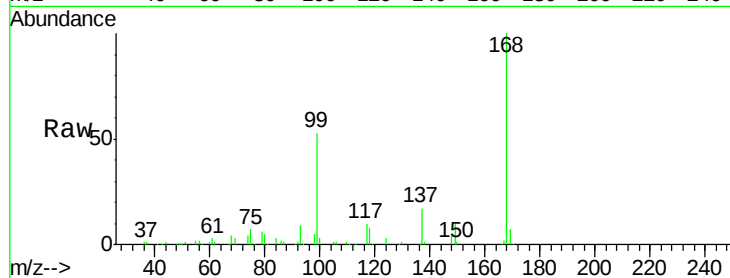
CKMW20

Tot Ion:168 Resp: 193189

Ion Ratio Lower Upper

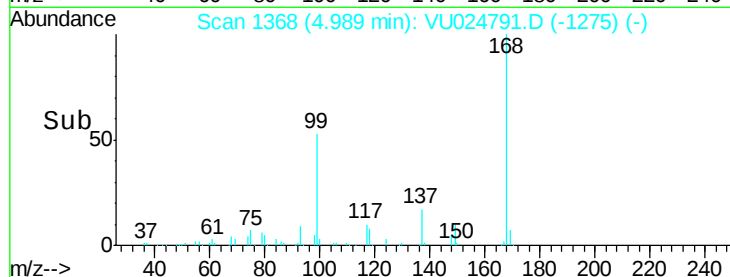
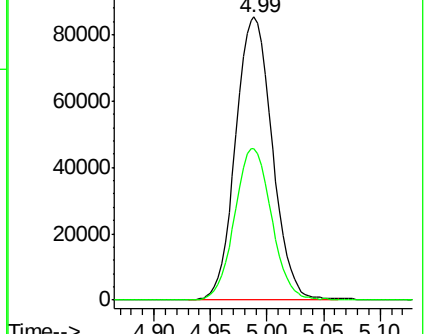
168 100

99 53.4 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: 0.76 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024791.D

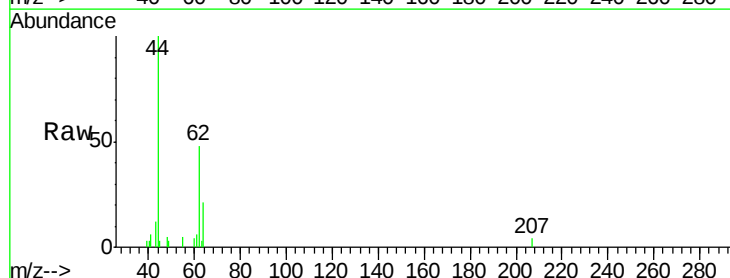
Acq: 21 Jun 2018 05:40

Tgt Ion: 62 Resp: 1938

Ion Ratio Lower Upper

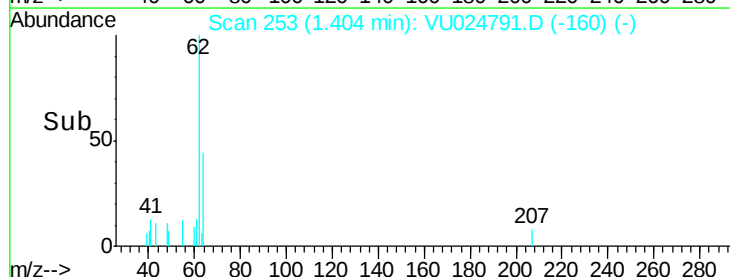
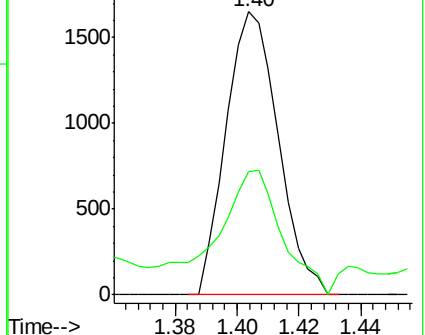
62 100

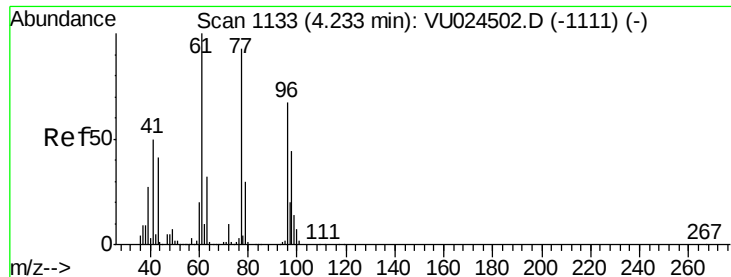
64 36.2 24.8 37.2



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: 2.73 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU024791.D

Acq: 21 Jun 2018 05:40

Instrument :

MSVOA_U

ClientSampleId :

CKMW20

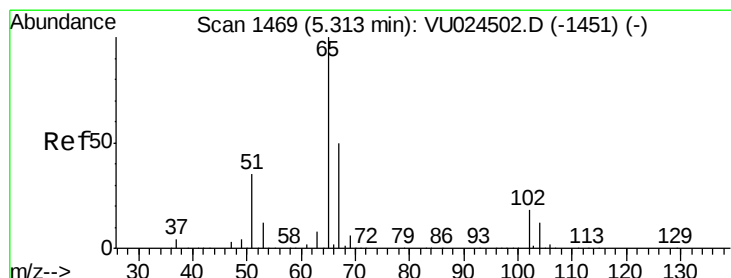
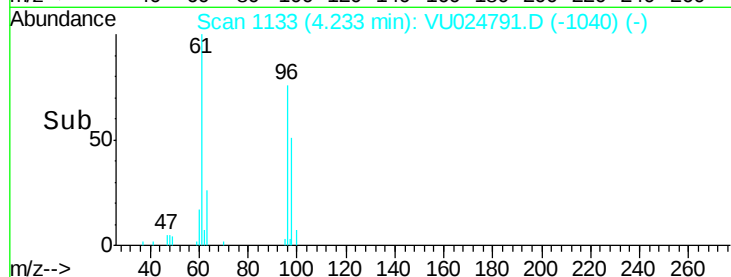
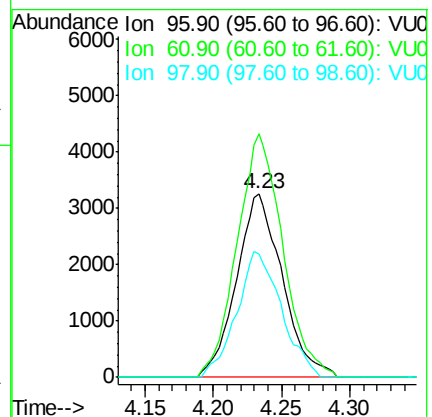
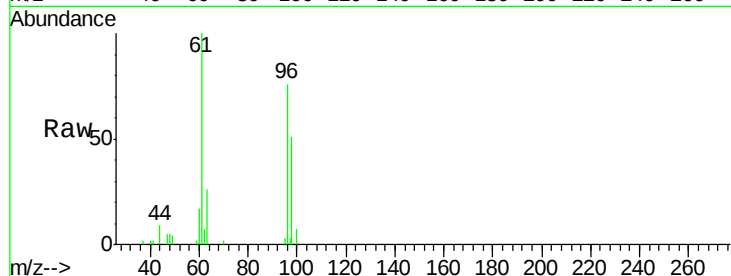
Tot Ion: 96 Resp: 7603

Ion Ratio Lower Upper

96 100

61 132.2 0.0 306.6

98 66.4 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 43.98 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024791.D

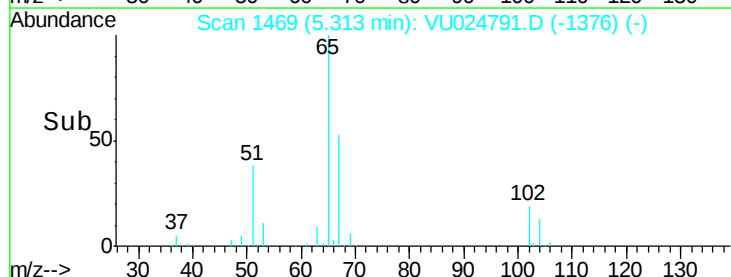
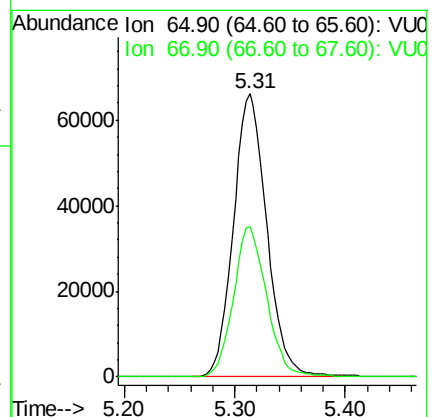
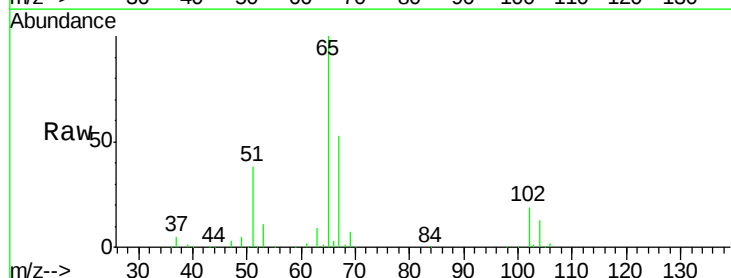
Acq: 21 Jun 2018 05:40

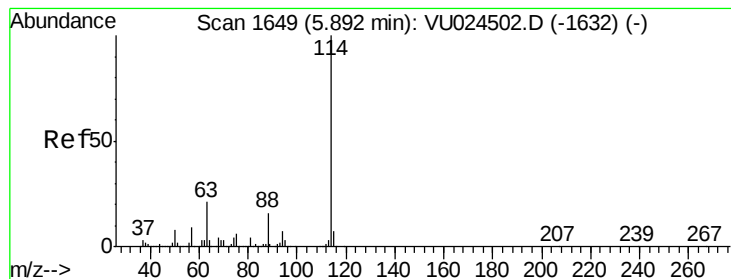
Tgt Ion: 65 Resp: 138691

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: VU024791.D

Acq: 21 Jun 2018 05:40

Instrument :

MSVOA_U

ClientSampleId :

CKMW20

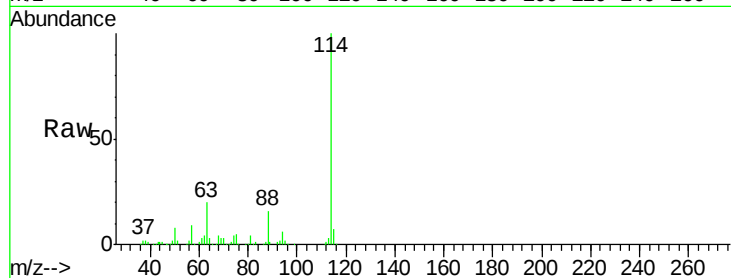
Tot Ion:114 Resp: 296898

Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.4

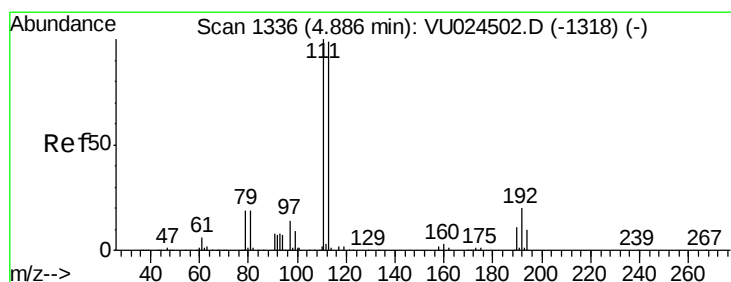
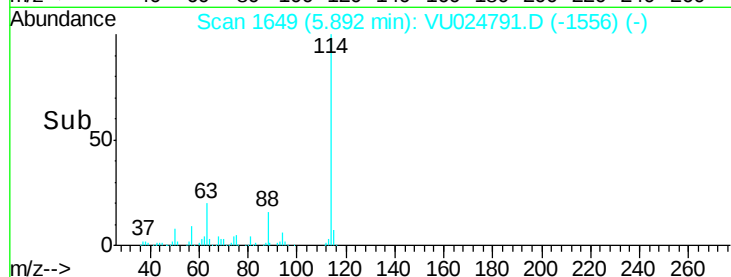
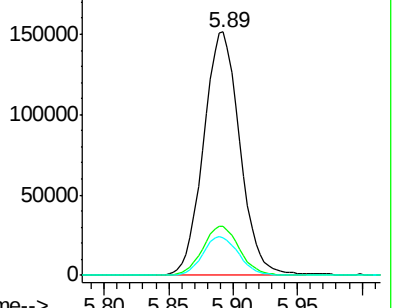
88 15.6 0.0 31.0



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: 47.17 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024791.D

Acq: 21 Jun 2018 05:40

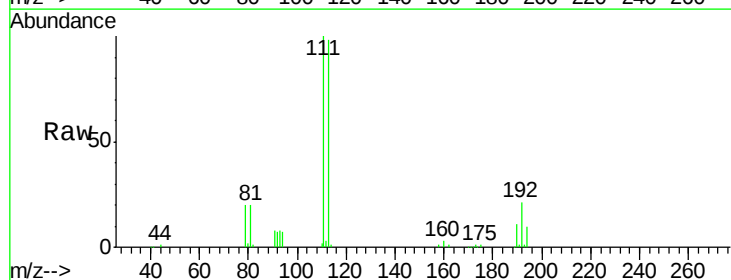
Tgt Ion:113 Resp: 116240

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

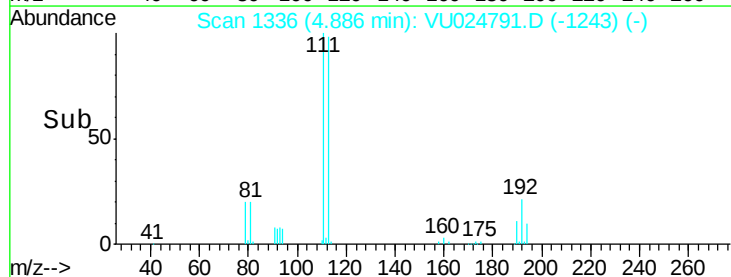
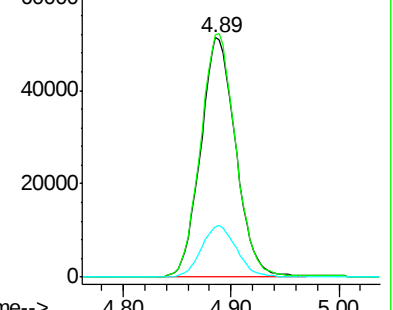
192 21.5 16.2 24.4

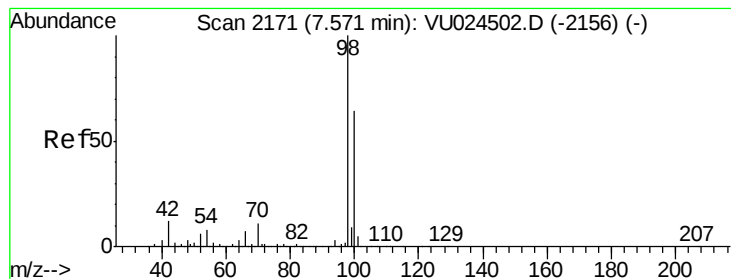


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.67 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024791.D

Acq: 21 Jun 2018 05:40

Instrument :

MSVOA_U

ClientSampleId :

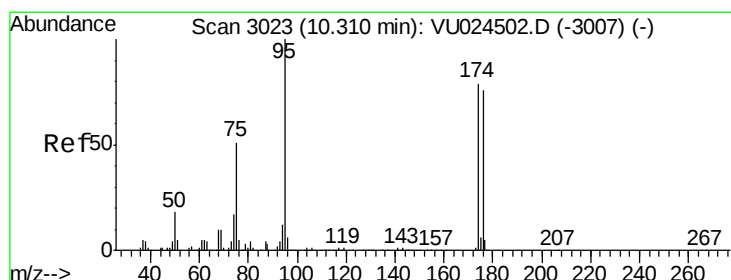
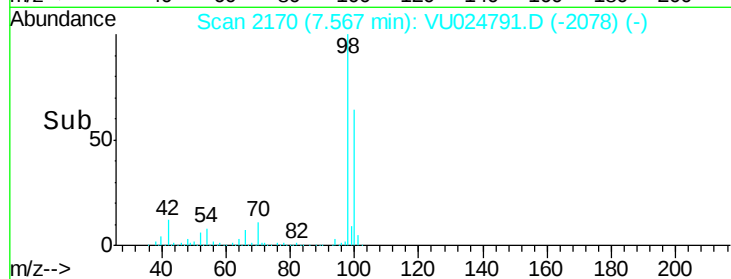
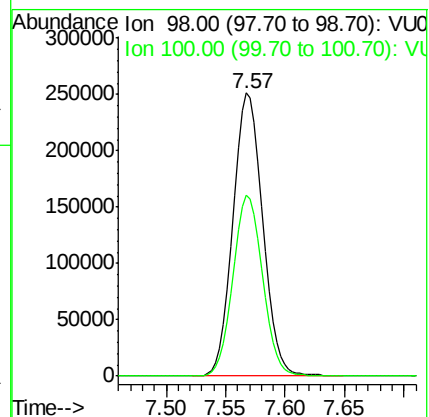
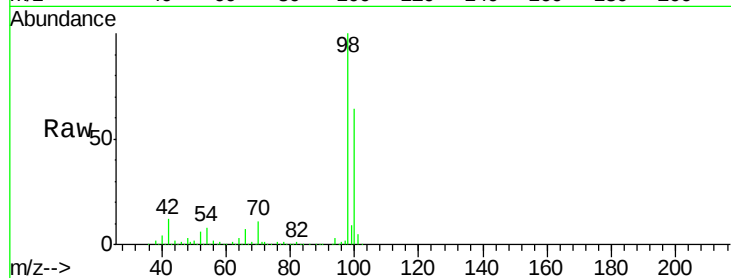
CKMW20

Tot Ion: 98 Resp: 437445

Ion Ratio Lower Upper

98 100

100 63.6 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.82 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024791.D

Acq: 21 Jun 2018 05:40

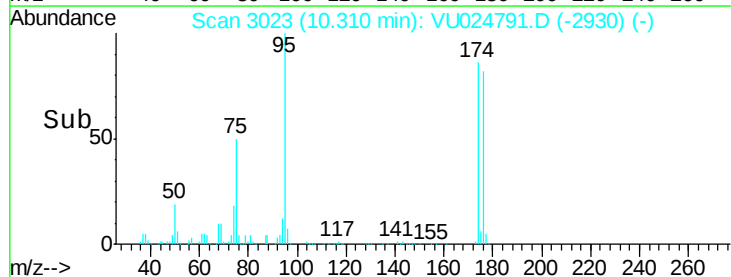
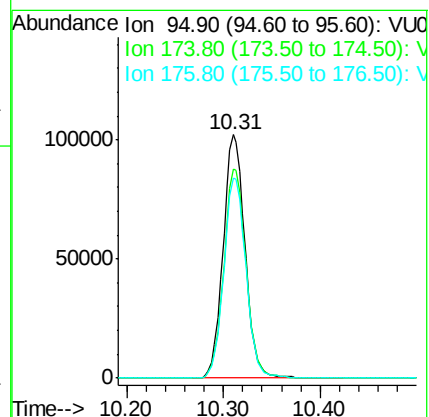
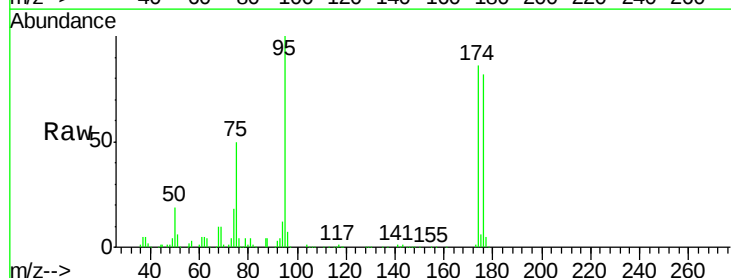
Tgt Ion: 95 Resp: 159958

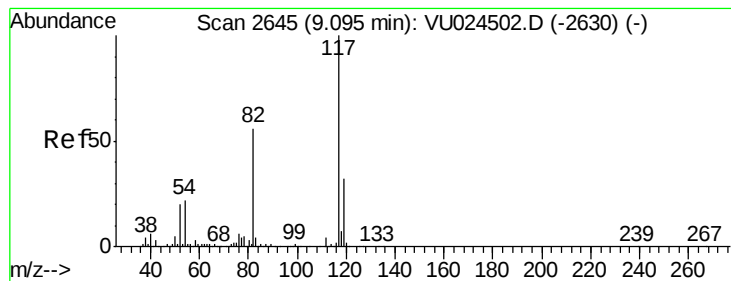
Ion Ratio Lower Upper

95 100

174 86.9 0.0 165.8

176 83.5 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: VU024791.D

Acq: 21 Jun 2018 05:40

Instrument :

MSVOA_U

ClientSampleId :

CKMW20

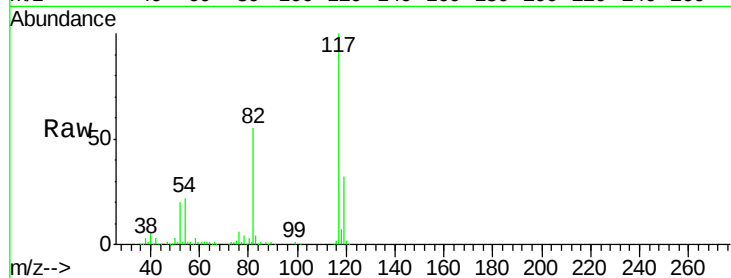
Tot Ion:117 Resp: 279985

Ion Ratio Lower Upper

117 100

82 54.9 44.3 66.5

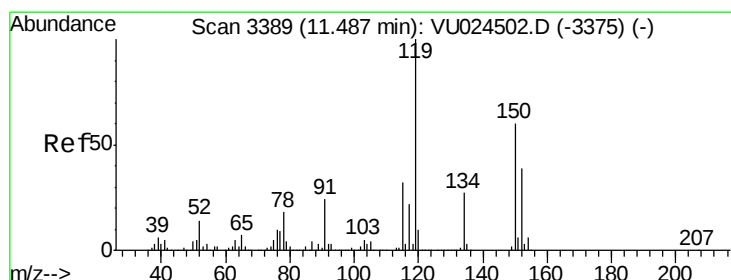
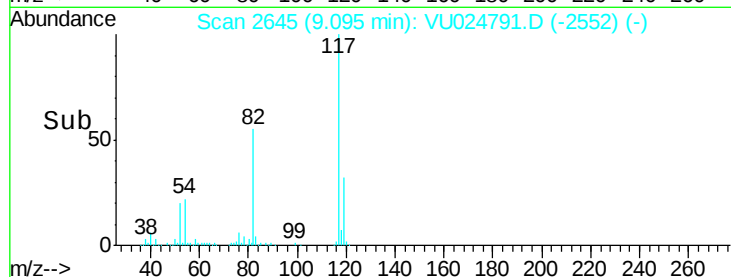
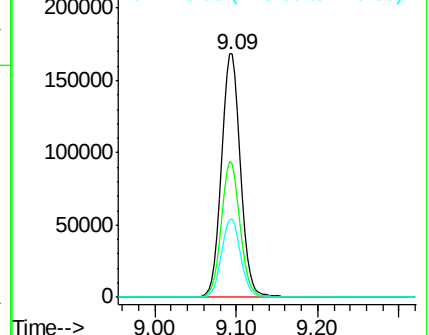
119 32.3 25.4 38.2



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: VU024791.D

Acq: 21 Jun 2018 05:40

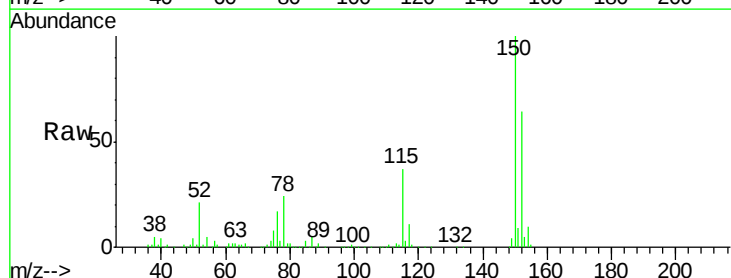
Tgt Ion:152 Resp: 153137

Ion Ratio Lower Upper

152 100

115 56.6 43.0 129.0

150 155.9 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

