

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024792.D
 Acq On : 21 Jun 2018 06:05
 Operator : MD/SY
 Sample : J3585-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW06

Quant Time: Jun 21 10:22:20 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	192358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	298311	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	279296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149110	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	137301	43.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.44%	
35) Dibromofluoromethane	4.89	113	114413	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.42%	
50) Toluene-d8	7.57	98	435332	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
62) 4-Bromofluorobenzene	10.31	95	158658	44.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.50%	

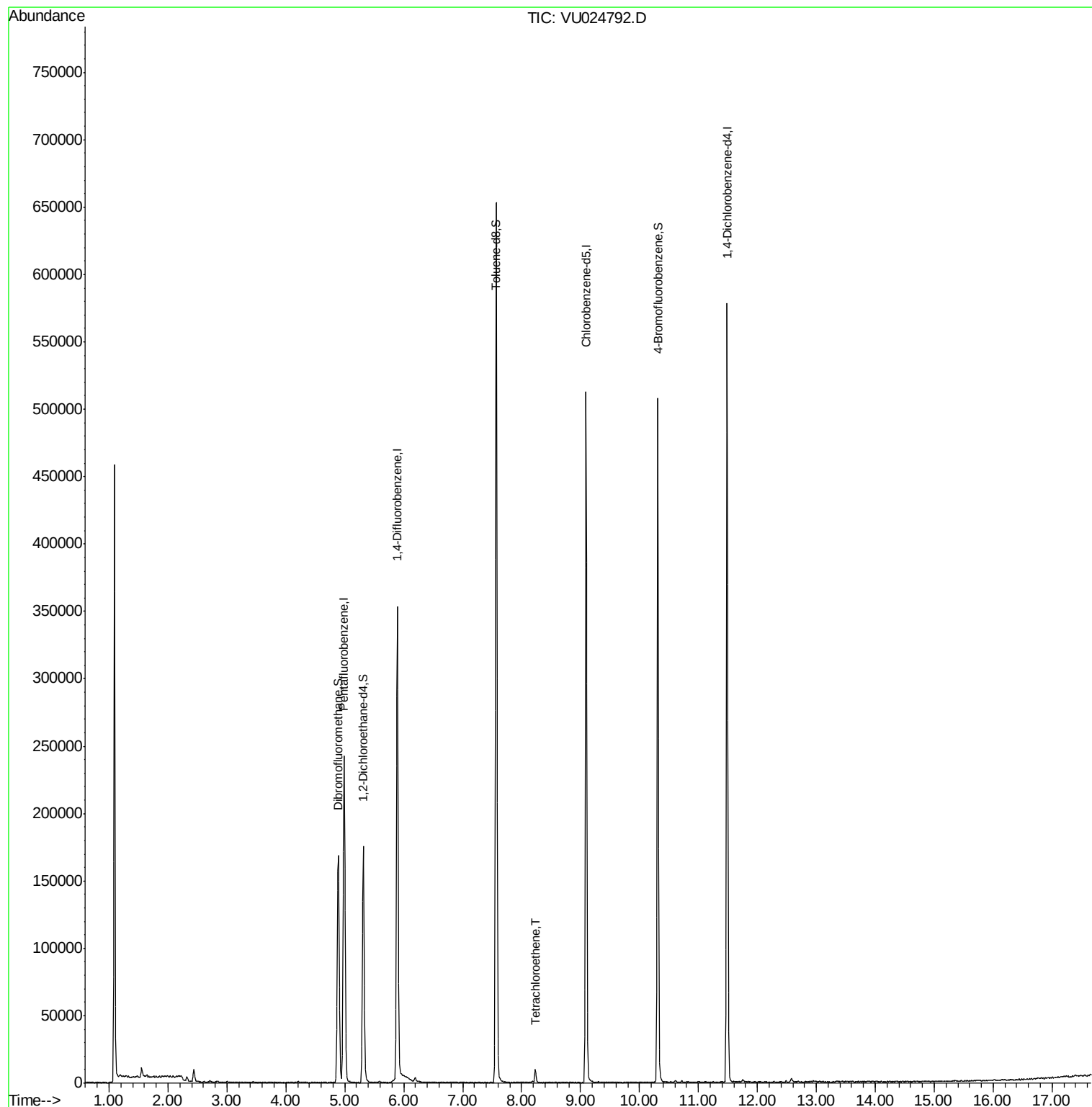
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
64) Tetrachloroethene	8.24	164	2477	0.93	ug/l	# 74

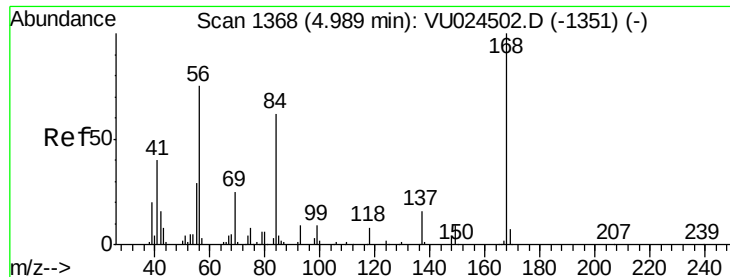
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024792.D

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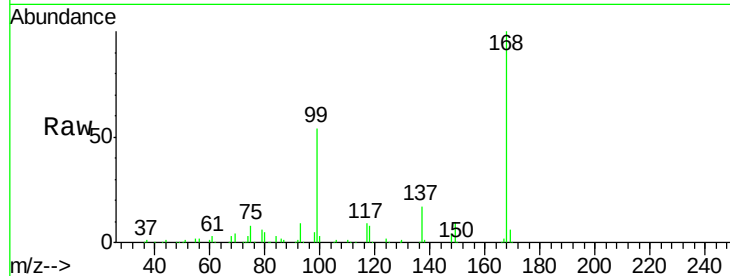
CKMW06

Tot Ion:168 Resp: 192358

Ion Ratio Lower Upper

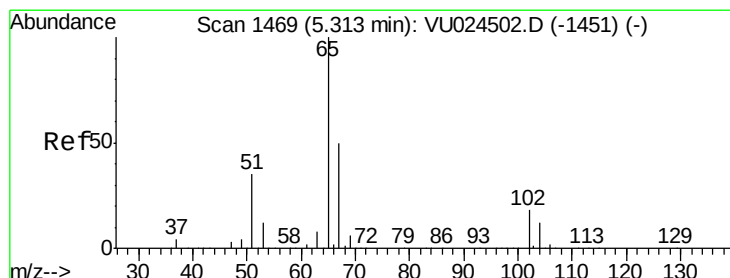
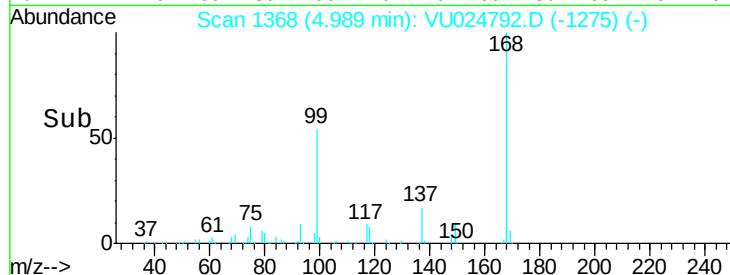
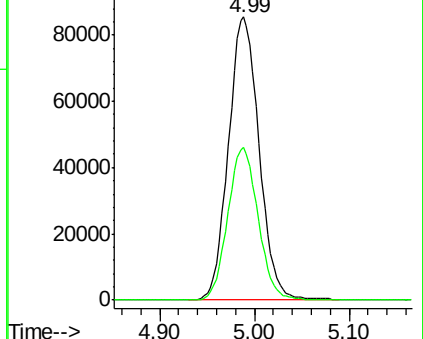
168 100

99 53.8 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) (-)



#33

1,2-Dichloroethane-d4

Concen: 43.72 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024792.D

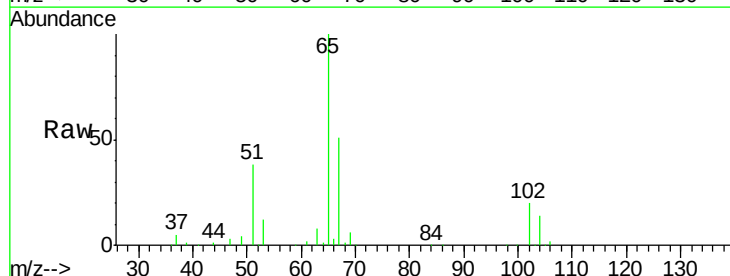
Acq: 21 Jun 2018 06:05

Tgt Ion: 65 Resp: 137301

Ion Ratio Lower Upper

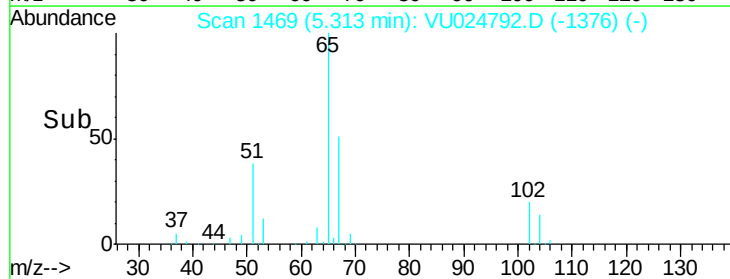
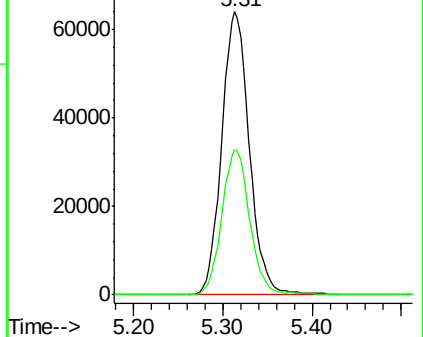
65 100

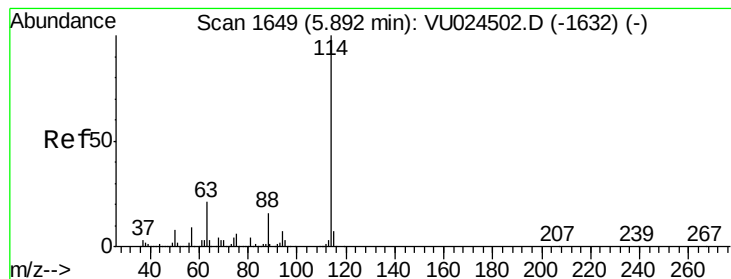
67 51.4 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024502.D (-1451) (-)

Ion 66.90 (66.60 to 67.60): VU024502.D (-1451) (-)





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU024792.D

Acq: 21 Jun 2018 06:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW06

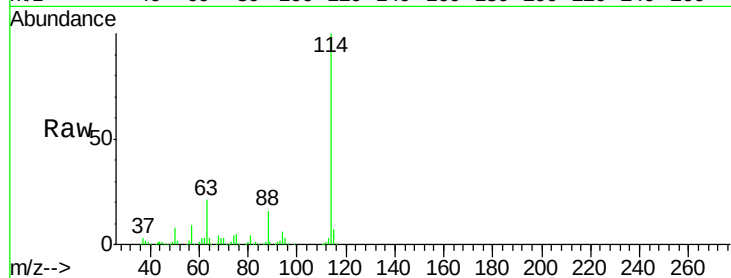
Tot Ion:114 Resp: 298311

Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.4

88 15.9 0.0 31.0



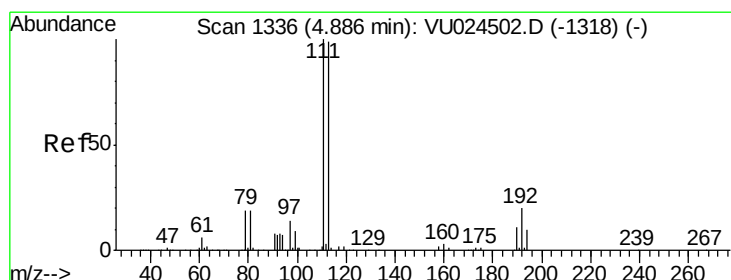
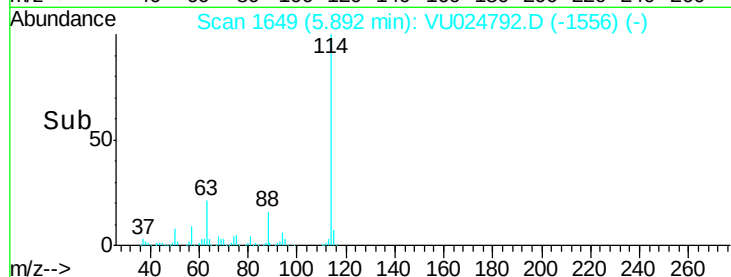
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0

5.89

Time-->



#35

Dibromofluoromethane

Concen: 46.21 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024792.D

Acq: 21 Jun 2018 06:05

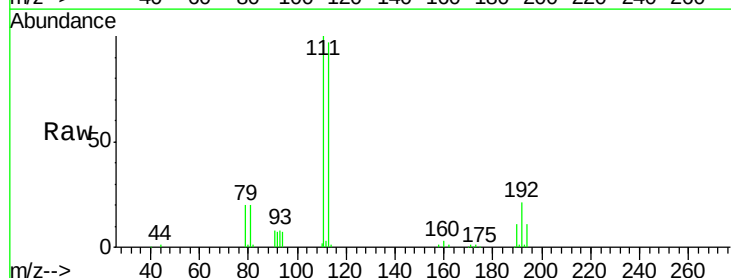
Tgt Ion:113 Resp: 114413

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 21.3 16.2 24.4



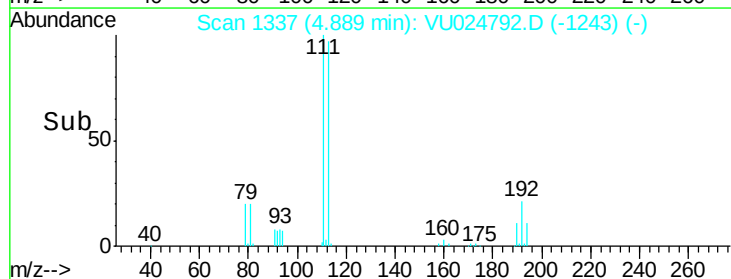
Abundance Ion 112.80 (112.50 to 113.50): V

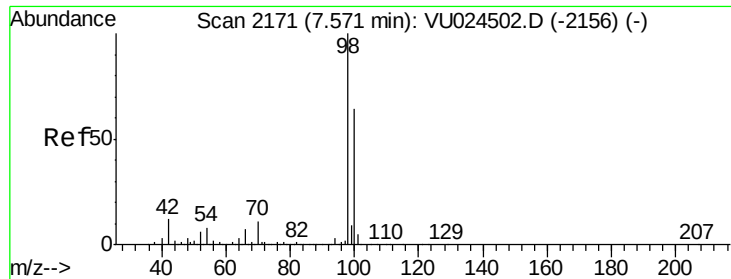
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

4.89

Time-->





#50

Toluene-d8

Concen: 48.21 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024792.D

Acq: 21 Jun 2018 06:05

Instrument :

MSVOA_U

ClientSampleId :

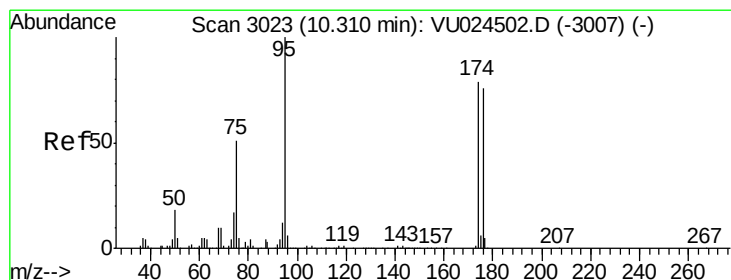
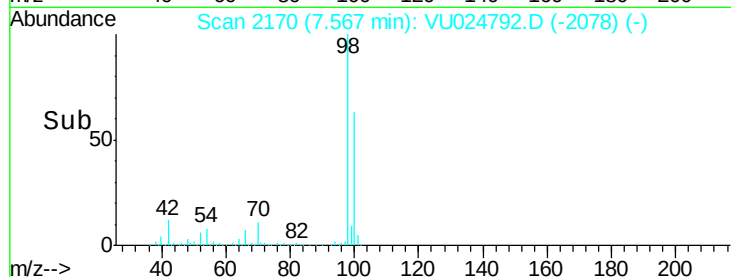
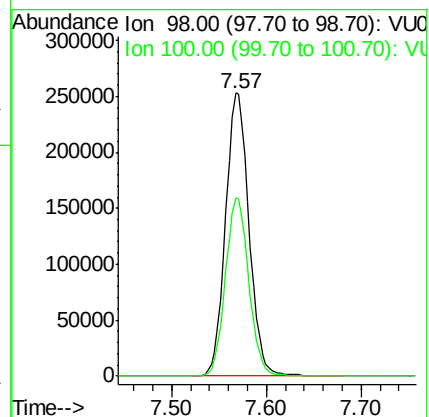
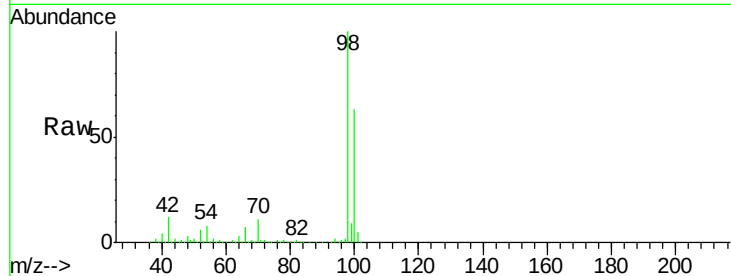
CKMW06

Tot Ion: 98 Resp: 435332

Ion Ratio Lower Upper

98 100

100 63.0 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.25 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024792.D

Acq: 21 Jun 2018 06:05

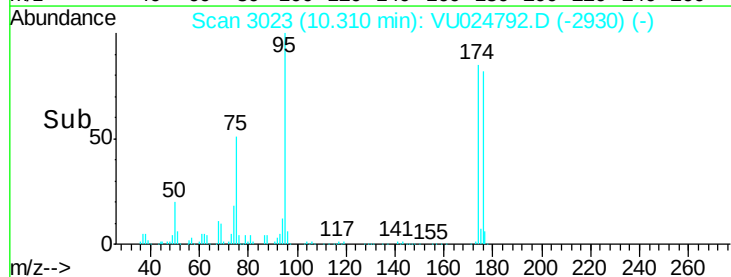
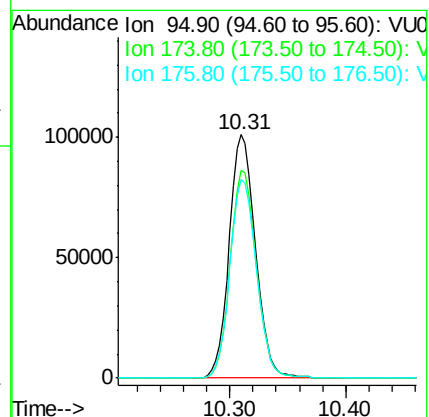
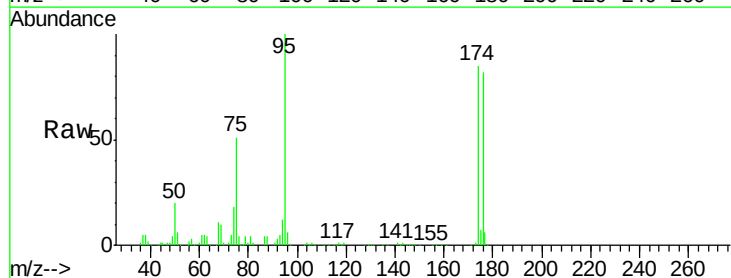
Tgt Ion: 95 Resp: 158658

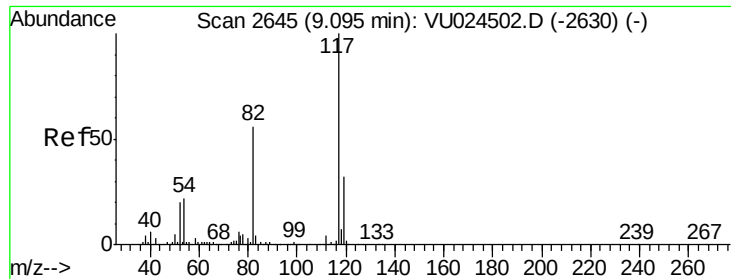
Ion Ratio Lower Upper

95 100

174 85.2 0.0 165.8

176 83.1 0.0 159.4

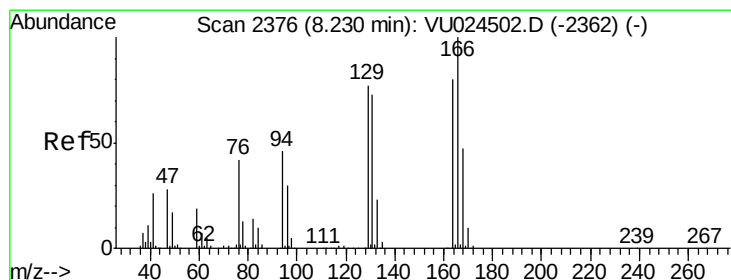
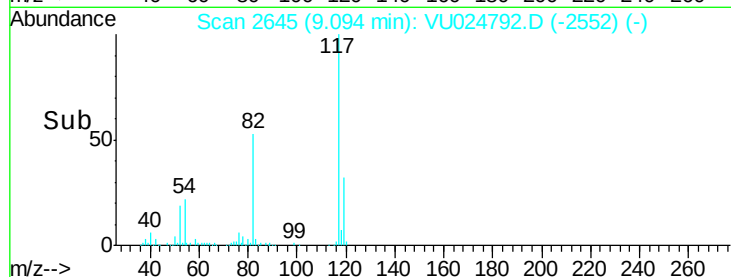
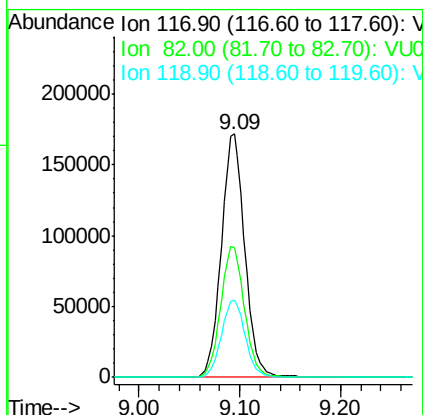
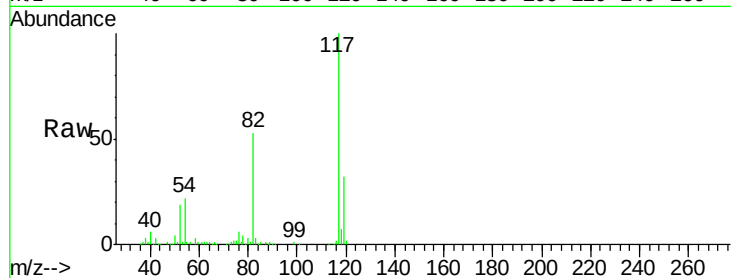




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024792.D
Acq: 21 Jun 2018 06:05

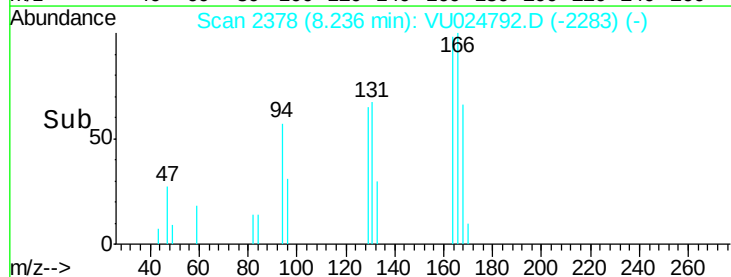
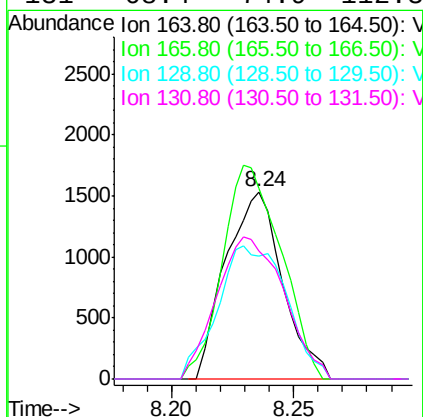
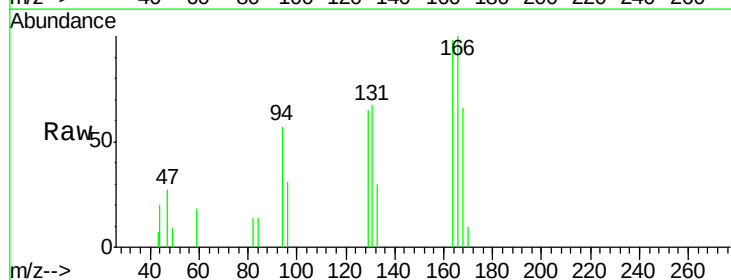
Instrument :
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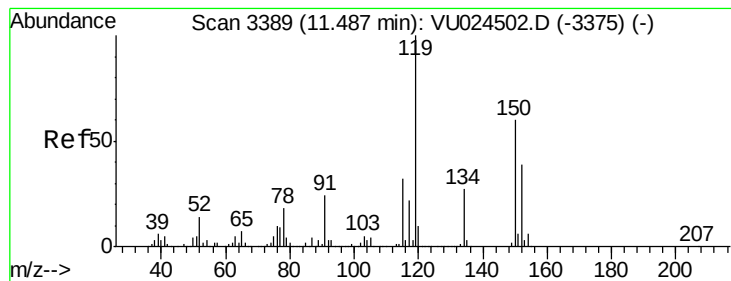
Tot Ion:117 Resp: 279296
Ion Ratio Lower Upper
117 100
82 53.3 44.3 66.5
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 0.93 ug/l
RT: 8.24 min Scan# 2378
Delta R.T. 0.01 min
Lab File: VU024792.D
Acq: 21 Jun 2018 06:05

Tgt Ion:164 Resp: 2477
Ion Ratio Lower Upper
164 100
166 101.8 101.7 152.5
129 65.8 76.9 115.3#
131 68.4 74.9 112.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024792.D

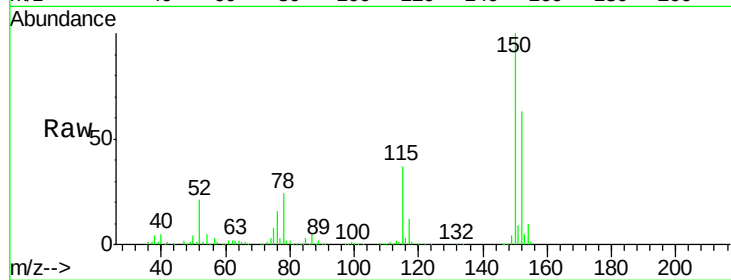
Acq: 21 Jun 2018 06:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW06



Tot Ion:152 Resp: 149110

Ion Ratio Lower Upper

152 100

115 58.0 43.0 129.0

150 158.9 0.0 354.0

