

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024788.D
 Acq On : 21 Jun 2018 04:27
 Operator : MD/SY
 Sample : J3585-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW22

Quant Time: Jun 21 10:20:28 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	204799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	313486	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	292996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	158356	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	142961	42.76	ug/l	0.00
Spiked Amount			Recovery	=	85.52%	
35) Dibromofluoromethane	4.89	113	119925	46.10	ug/l	0.00
Spiked Amount			Recovery	=	92.20%	
50) Toluene-d8	7.57	98	457513	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	
62) 4-Bromofluorobenzene	10.31	95	168280	44.66	ug/l	0.00
Spiked Amount			Recovery	=	89.32%	

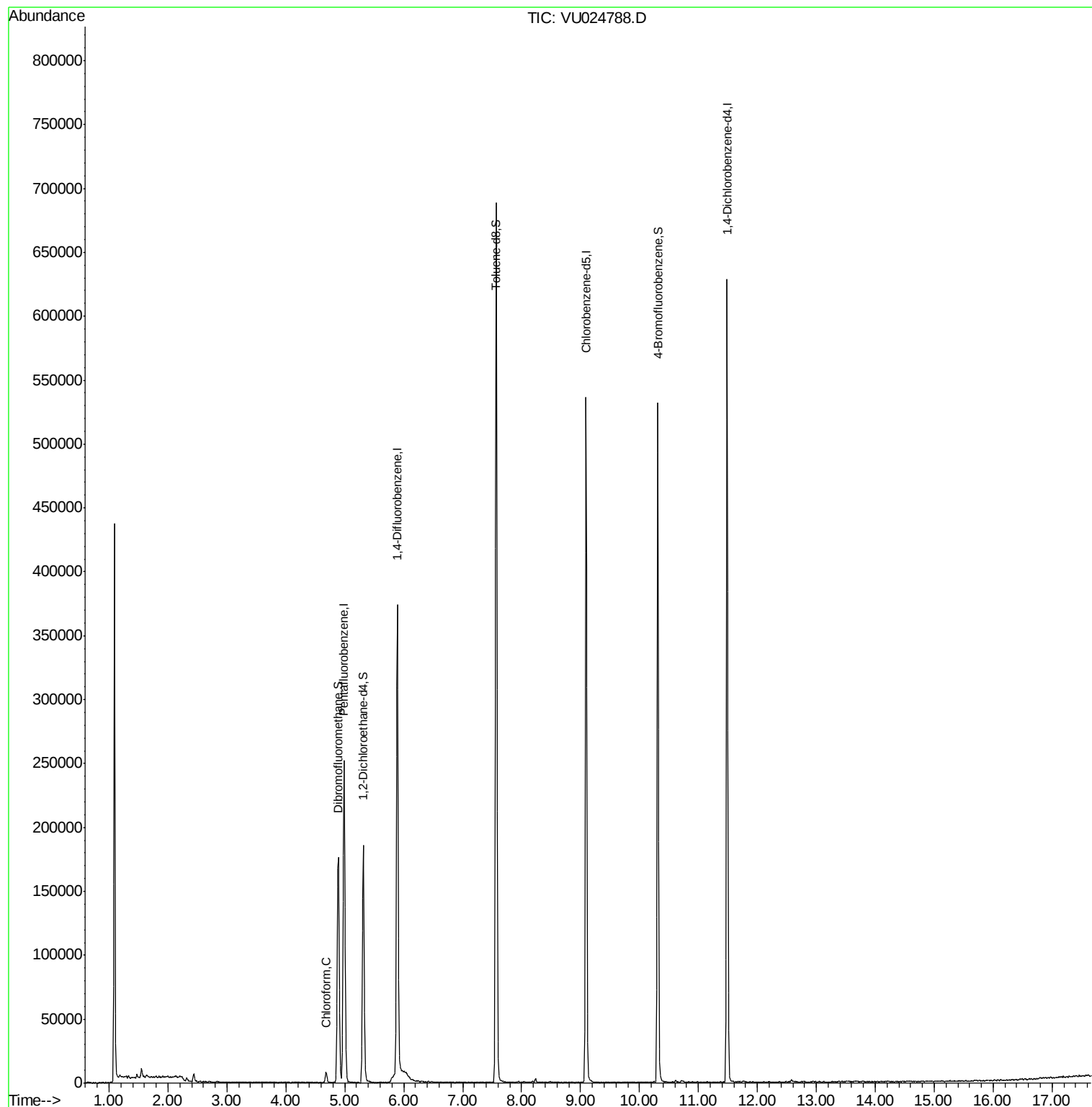
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
30) Chloroform	4.68	83	7657	1.53	ug/l	97

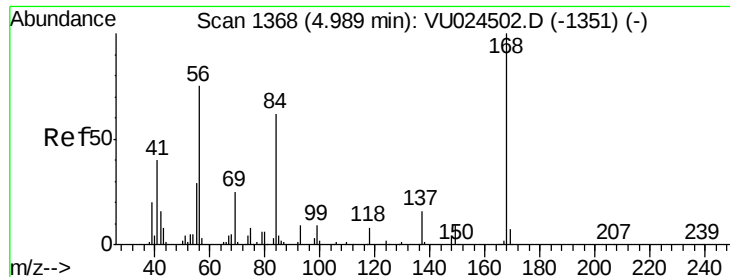
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024788.D

Acq: 21 Jun 2018 04:27

Instrument :

MSVOA_U

ClientSampleId :

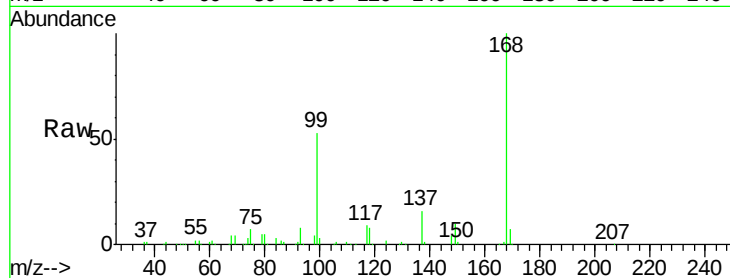
CKMW22

Tot Ion:168 Resp: 204799

Ion Ratio Lower Upper

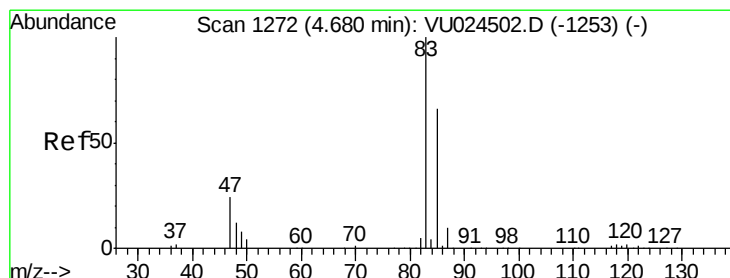
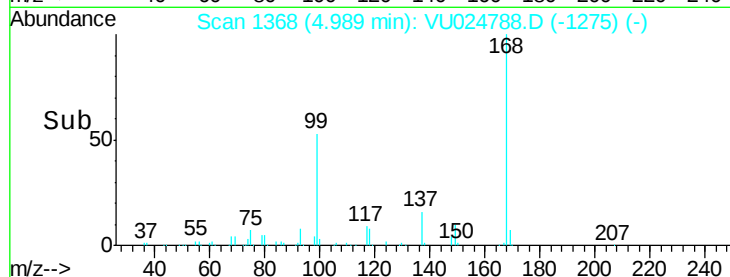
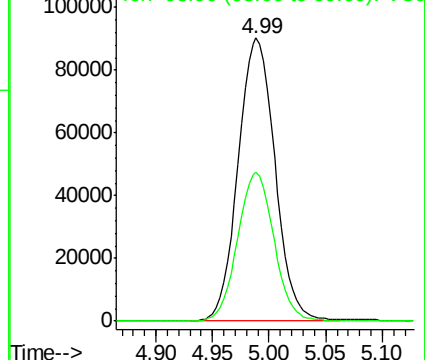
168 100

99 52.7 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) (-)



#30

Chloroform

Concen: 1.53 ug/l

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU024788.D

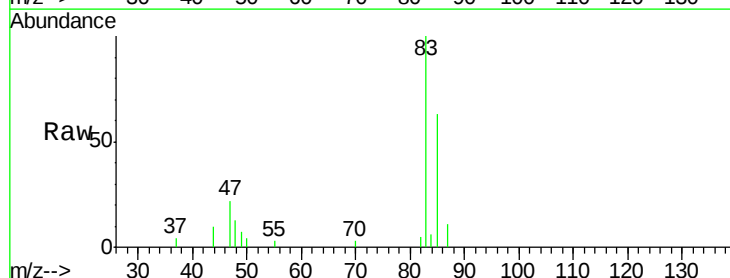
Acq: 21 Jun 2018 04:27

Tgt Ion: 83 Resp: 7657

Ion Ratio Lower Upper

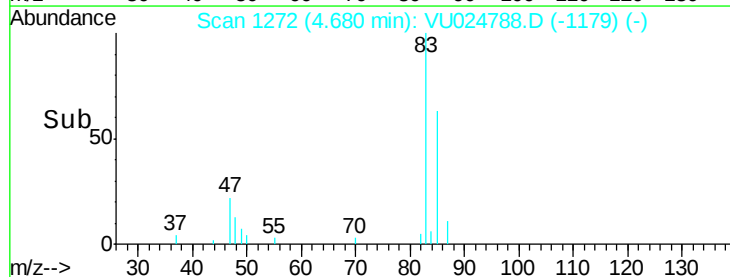
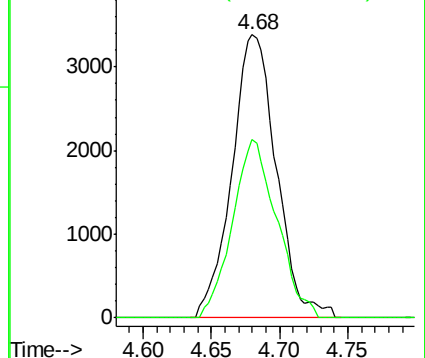
83 100

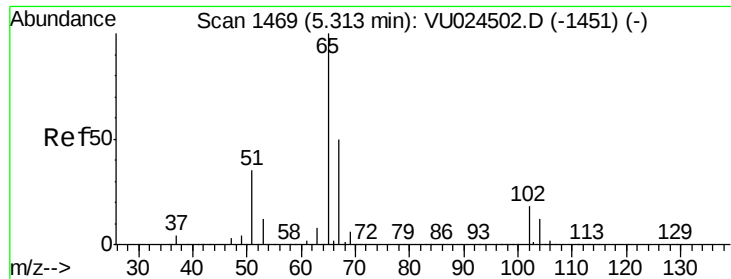
85 63.1 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VU024502.D (-1253) (-)

Ion 84.90 (84.60 to 85.60): VU024502.D (-1253) (-)

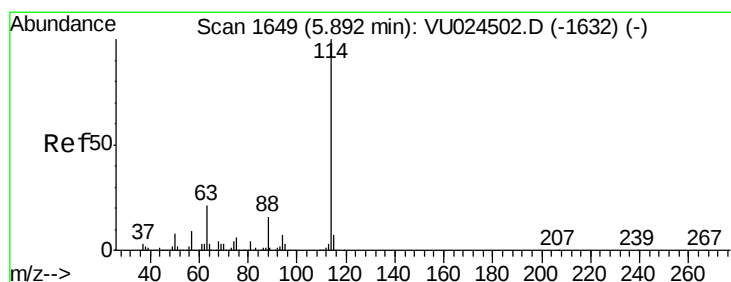
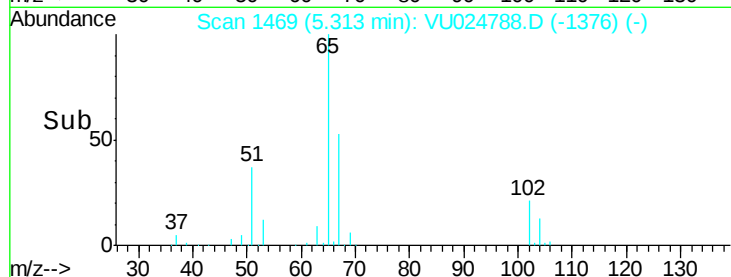
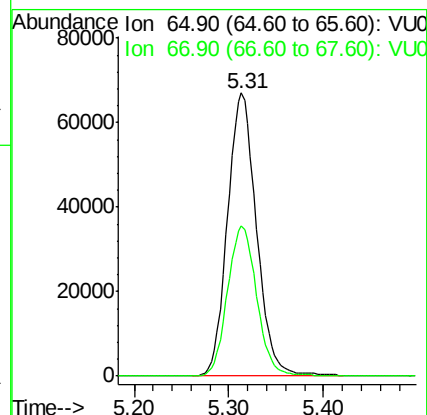
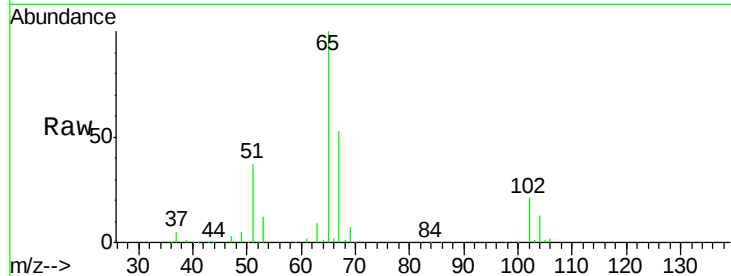




#33
 1,2-Dichloroethane-d4
 Concen: 42.76 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024788.D
 Acq: 21 Jun 2018 04:27

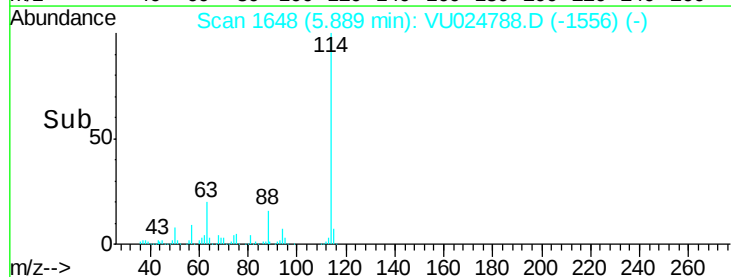
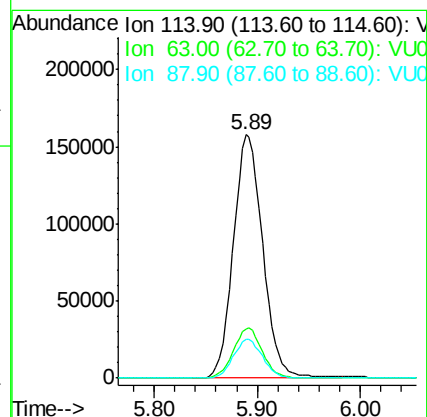
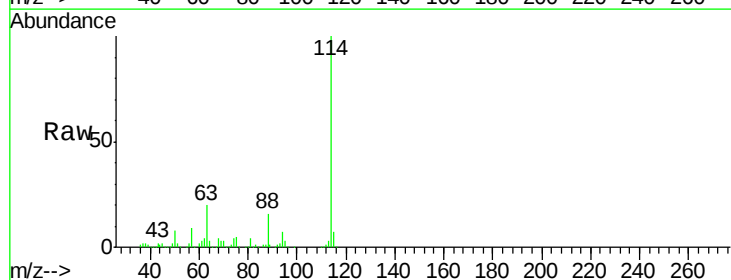
Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW22

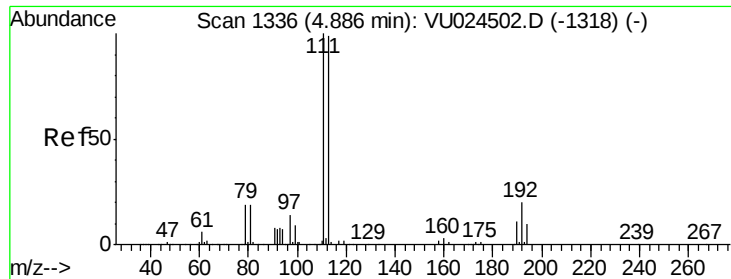
Tot Ion: 65 Resp: 142961
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024788.D
 Acq: 21 Jun 2018 04:27

Tgt Ion: 114 Resp: 313486
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 45.4
 88 15.9 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.10 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024788.D

Acq: 21 Jun 2018 04:27

Instrument :

MSVOA_U

ClientSampleId :

CKMW22

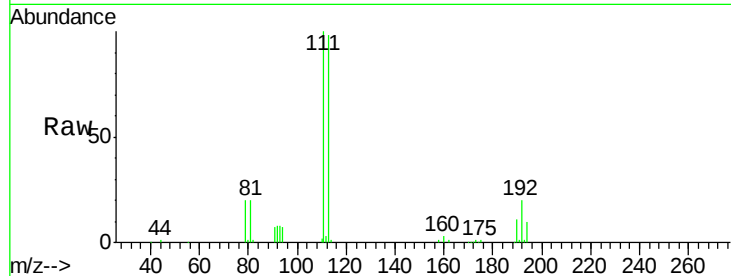
Tot Ion:113 Resp: 119925

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

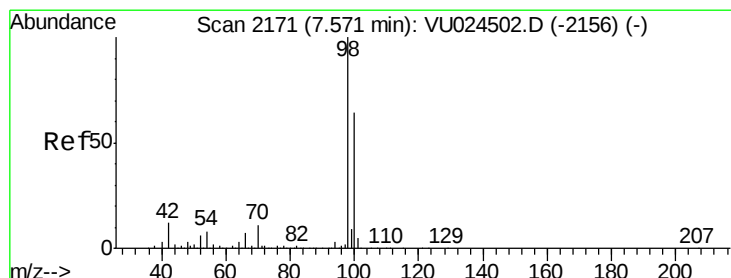
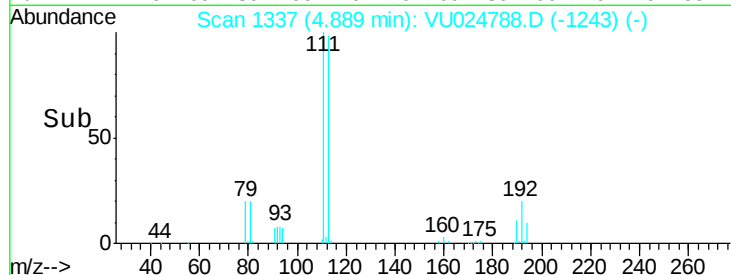
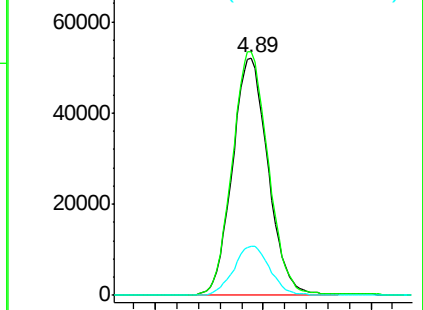
192 21.1 16.2 24.4



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: 48.21 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024788.D

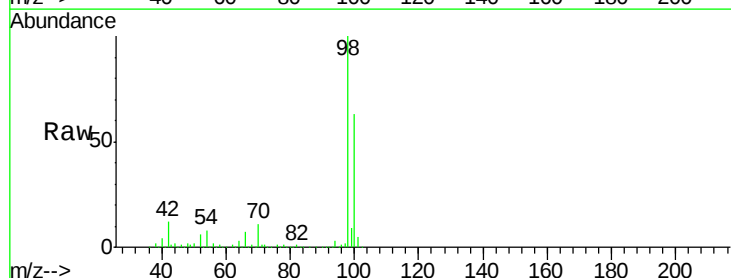
Acq: 21 Jun 2018 04:27

Tgt Ion: 98 Resp: 457513

Ion Ratio Lower Upper

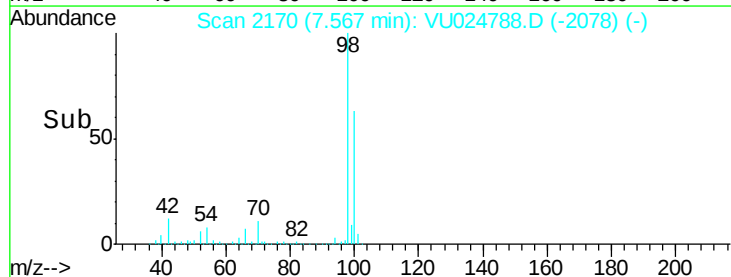
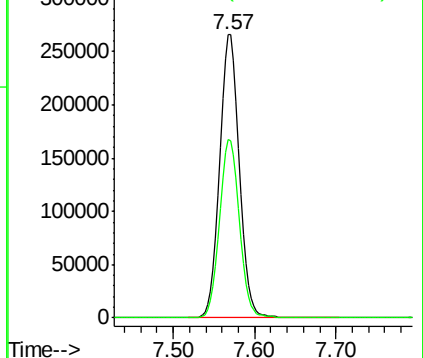
98 100

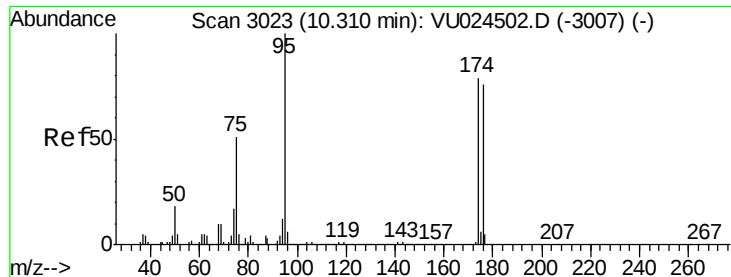
100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

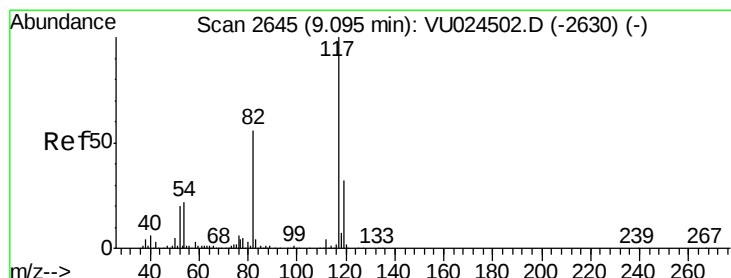
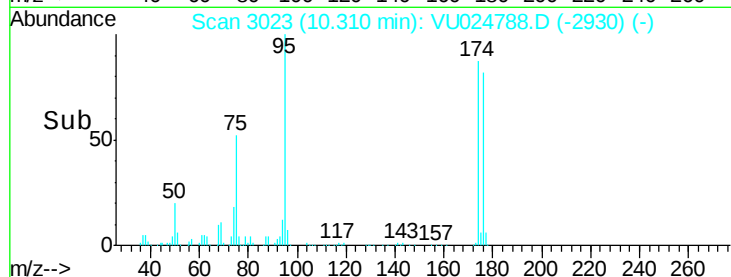
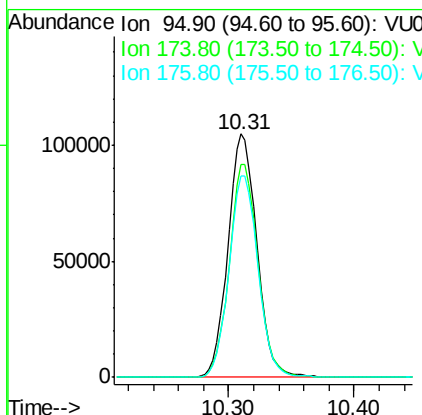
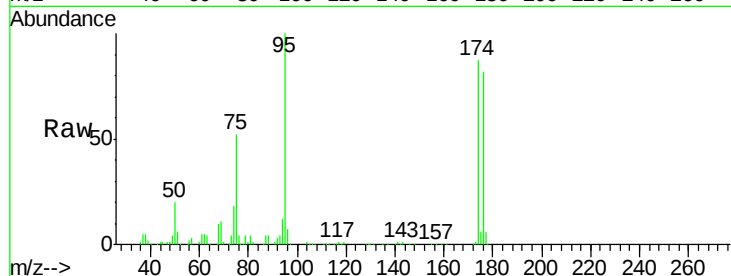




#62
4-Bromofluorobenzene
Concen: 44.66 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024788.D
Acq: 21 Jun 2018 04:27

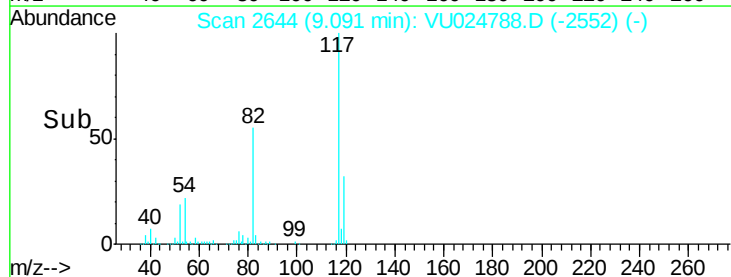
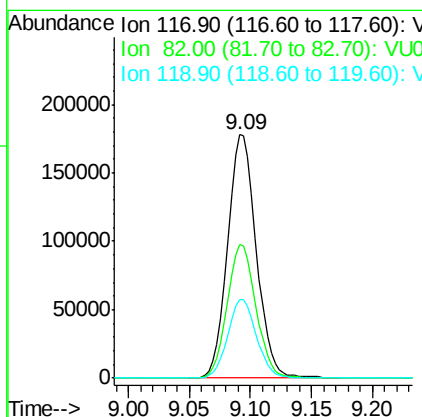
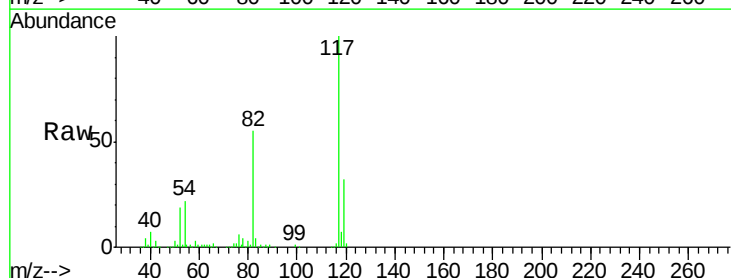
Instrument :
MSVOA_U
ClientSampleId :
CKMW22

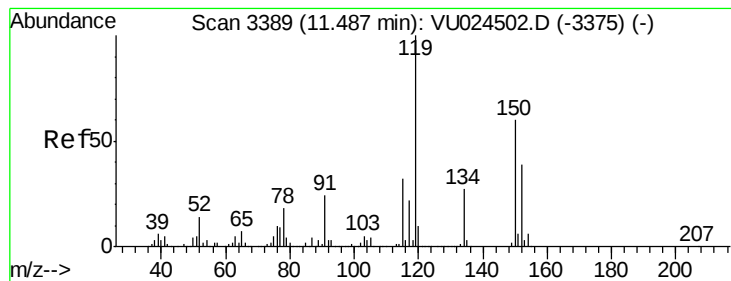
Tot Ion	95	Resp	168280
Ion Ratio	Lower	Upper	
95	100		
174	86.7	0.0	165.8
176	83.4	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024788.D
Acq: 21 Jun 2018 04:27

Tgt Ion	117	Resp	292996
Ion Ratio	Lower	Upper	
117	100		
82	55.1	44.3	66.5
119	32.3	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: VU024788.D

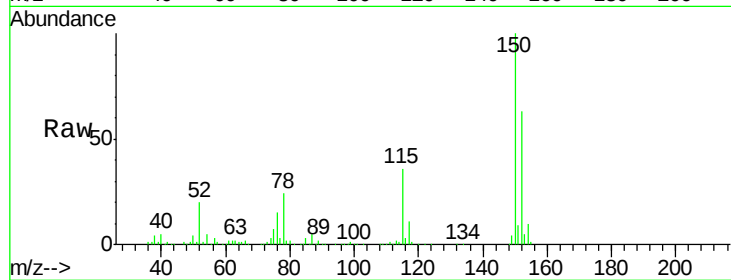
Acq: 21 Jun 2018 04:27

Instrument :

MSVOA_U

ClientSampleId :

CKMW22



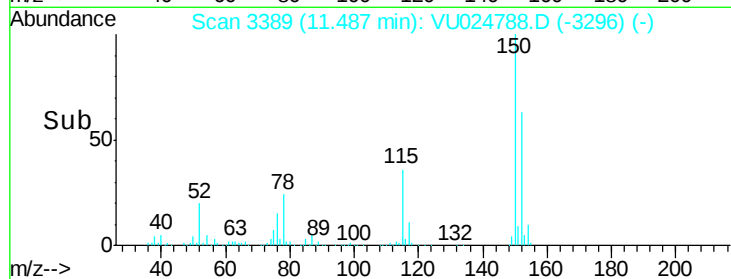
Tot Ion:152 Resp: 158356

Ion Ratio Lower Upper

152 100

115 56.4 43.0 129.0

150 158.9 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

