

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024789.D
 Acq On : 21 Jun 2018 04:52
 Operator : MD/SY
 Sample : J3585-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW19

Quant Time: Jun 21 10:20:53 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	195895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	303147	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	277086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	152777	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	136122	42.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.12%	
35) Dibromofluoromethane	4.89	113	116154	46.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.34%	
50) Toluene-d8	7.57	98	439027	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
62) 4-Bromofluorobenzene	10.31	95	160971	44.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.36%	

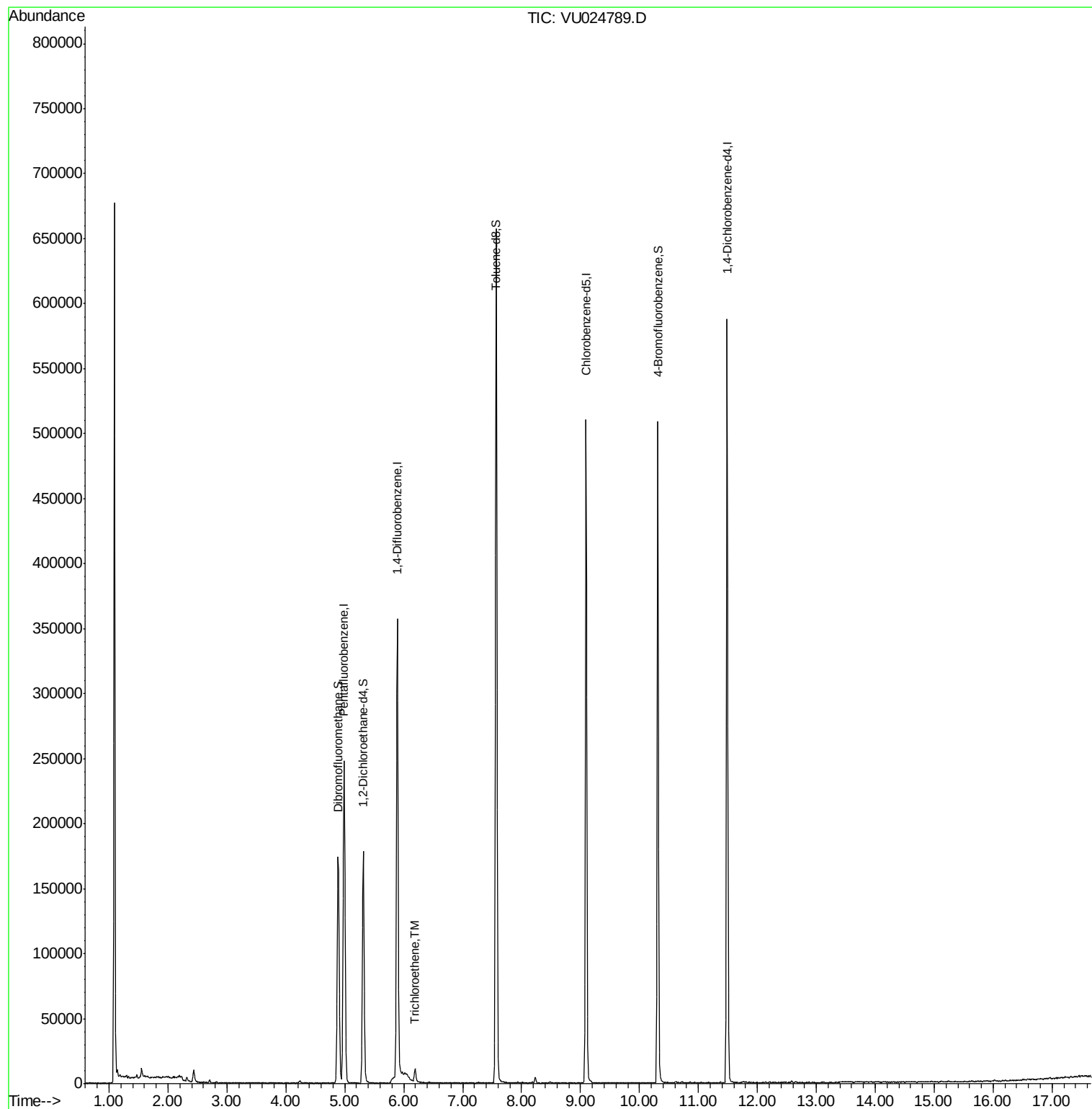
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Trichloroethene	6.19	130	3759	1.30	ug/l	90

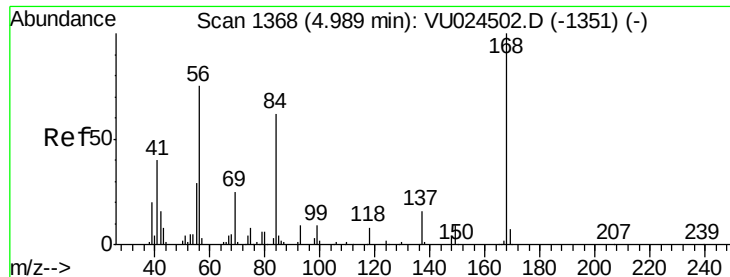
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024789.D

Acq: 21 Jun 2018 04:52

Instrument :

MSVOA_U

ClientSampleId :

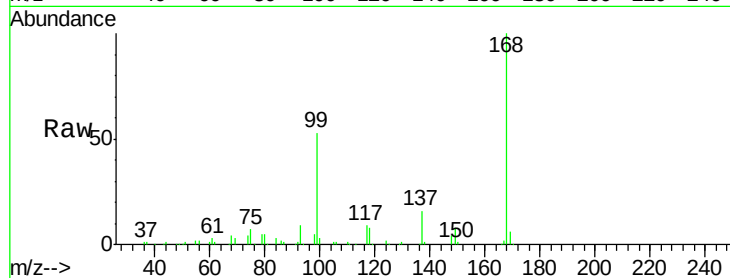
CKMW19

Tot Ion:168 Resp: 195895

Ion Ratio Lower Upper

168 100

99 52.7 43.2 64.8



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

Ion 98.90 (98.60 to 99.60): VU024502.D

4.99

80000

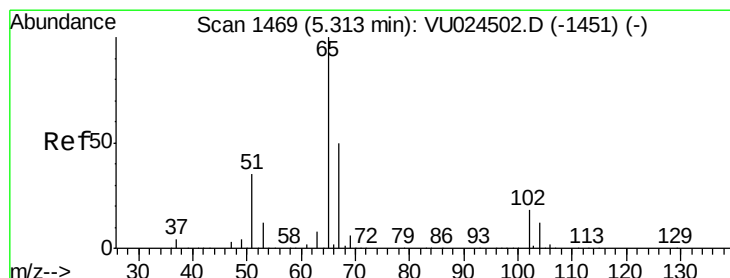
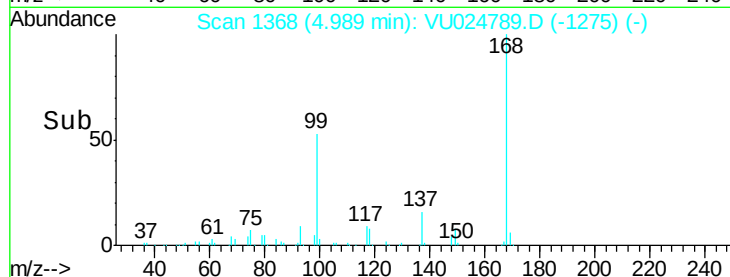
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 42.56 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024789.D

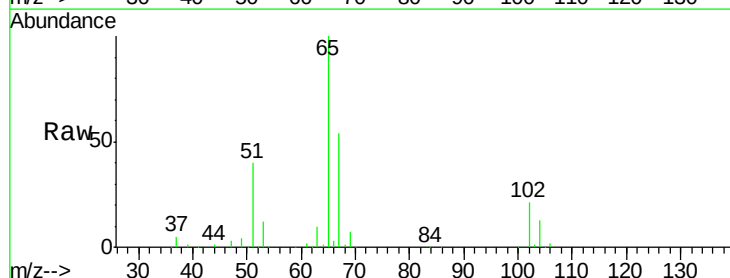
Acq: 21 Jun 2018 04:52

Tgt Ion: 65 Resp: 136122

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.0



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

Ion 66.90 (66.60 to 67.60): VU024502.D

5.31

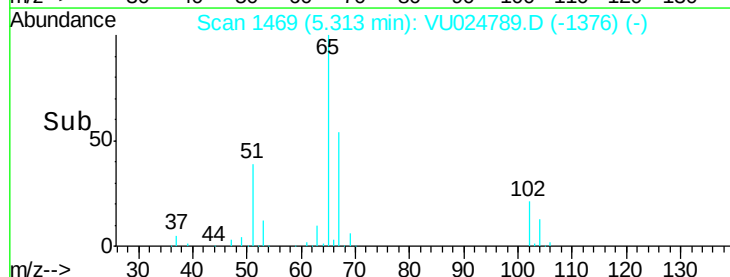
60000

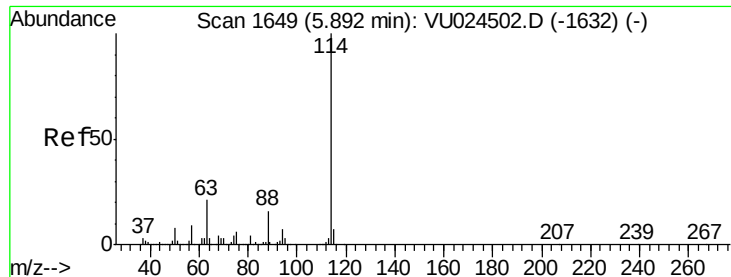
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU024789.D

Acq: 21 Jun 2018 04:52

Instrument :

MSVOA_U

ClientSampleId :

CKMW19

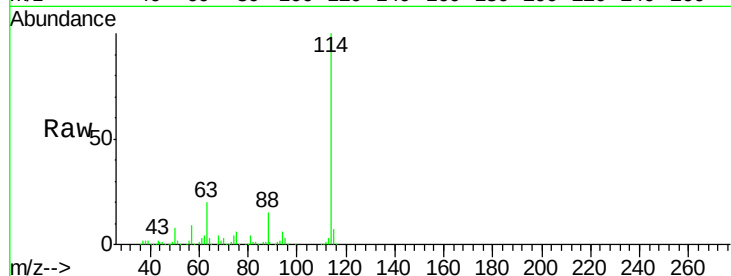
Tot Ion:114 Resp: 303147

Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.4

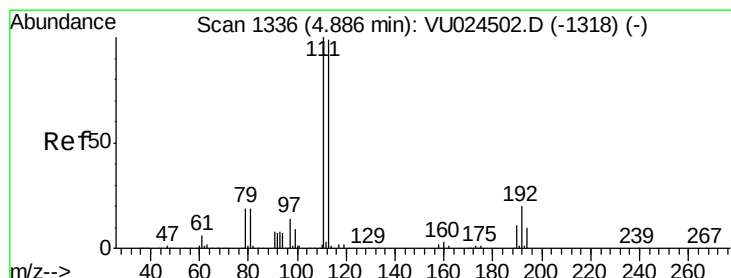
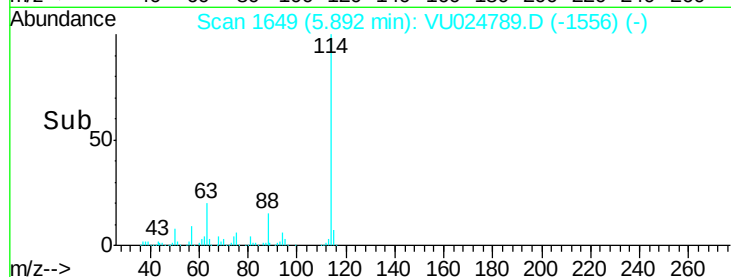
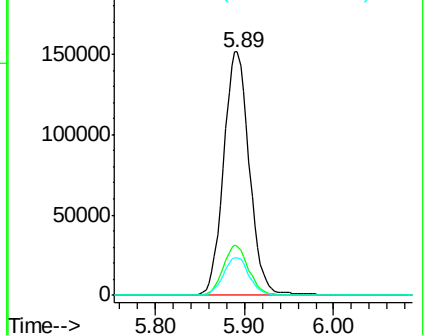
88 15.5 0.0 31.0



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: 46.17 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024789.D

Acq: 21 Jun 2018 04:52

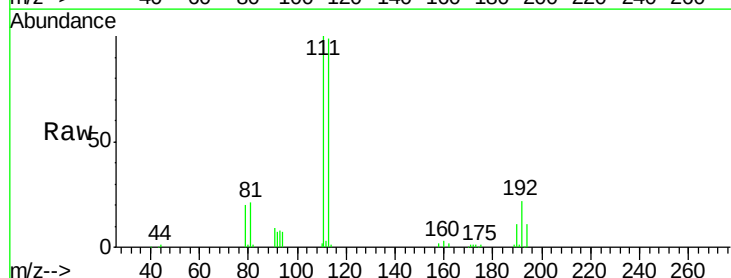
Tgt Ion:113 Resp: 116154

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

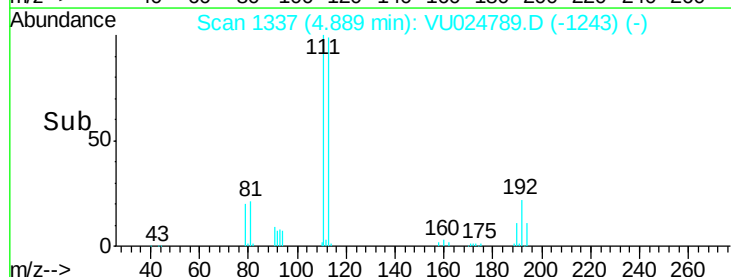
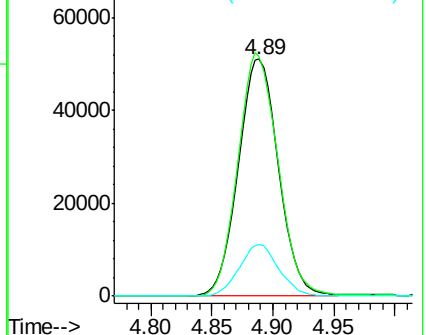
192 21.5 16.2 24.4

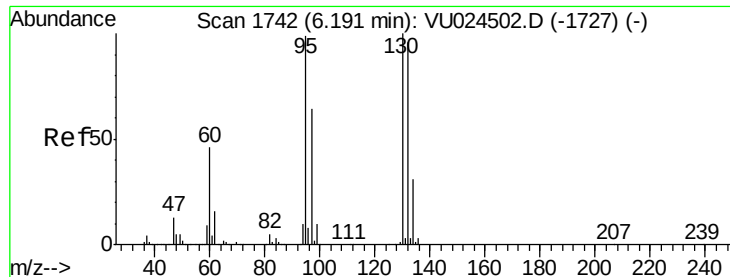


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.30 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024789.D

Acq: 21 Jun 2018 04:52

Instrument :

MSVOA_U

ClientSampleId :

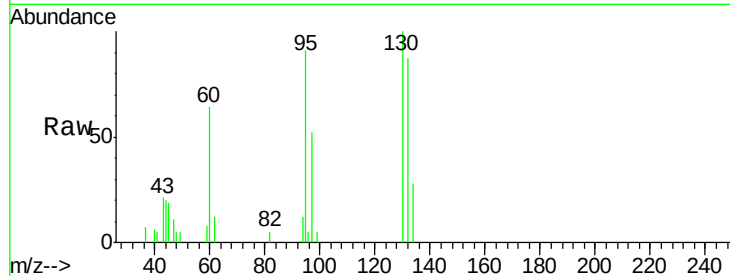
CKMW19

Tot Ion:130 Resp: 3759

Ion Ratio Lower Upper

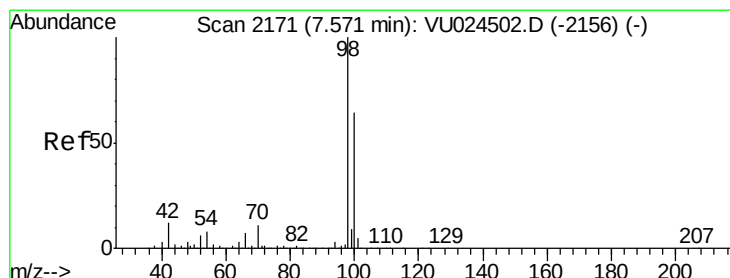
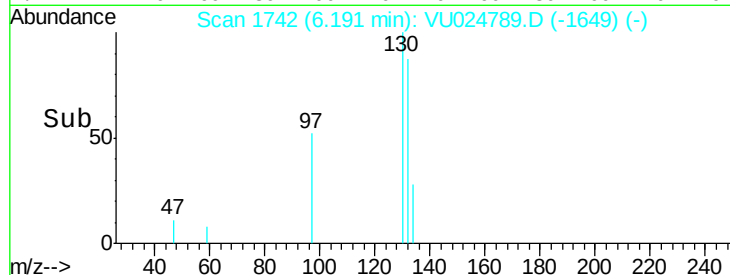
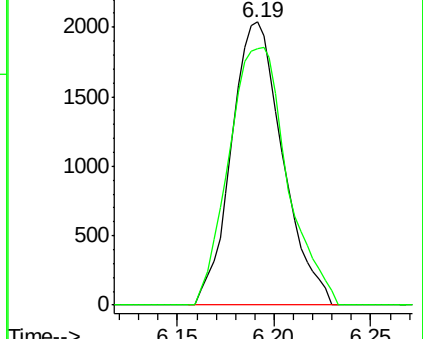
130 100

95 90.7 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): VU024789.D (-1649) (-)

Ion 94.90 (94.60 to 95.60): VU024789.D (-1649) (-)



#50

Toluene-d8

Concen: 47.84 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024789.D

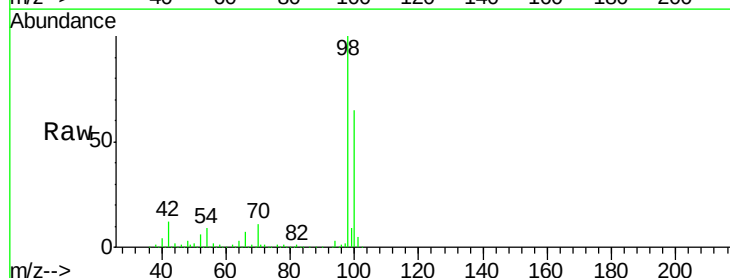
Acq: 21 Jun 2018 04:52

Tgt Ion: 98 Resp: 439027

Ion Ratio Lower Upper

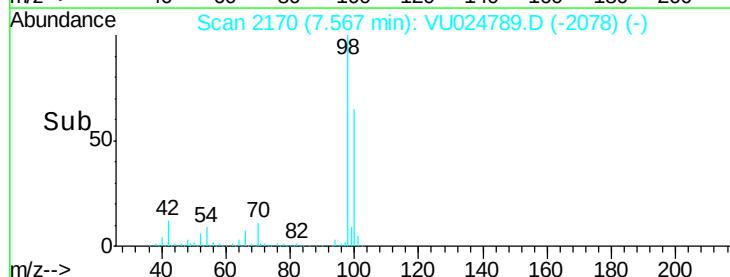
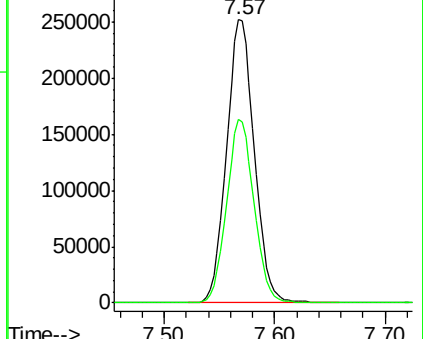
98 100

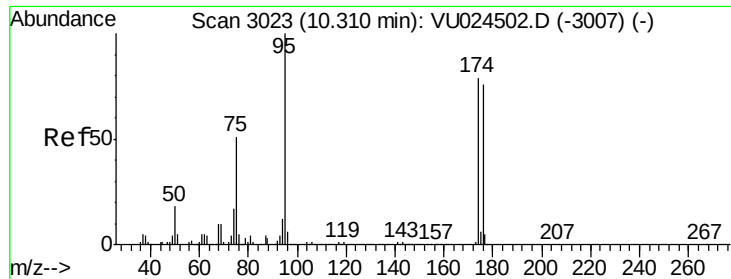
100 64.1 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU024789.D (-2078) (-)

Ion 100.00 (99.70 to 100.70): VU024789.D (-2078) (-)





#62

4-Bromofluorobenzene

Concen: 44.18 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024789.D

Acq: 21 Jun 2018 04:52

Instrument :

MSVOA_U

ClientSampleId :

CKMW19

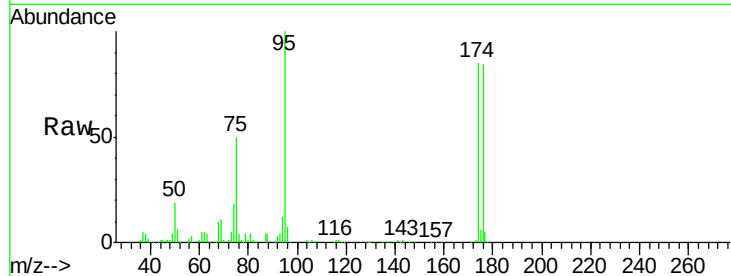
Tot Ion: 95 Resp: 160971

Ion Ratio Lower Upper

95 100

174 84.8 0.0 165.8

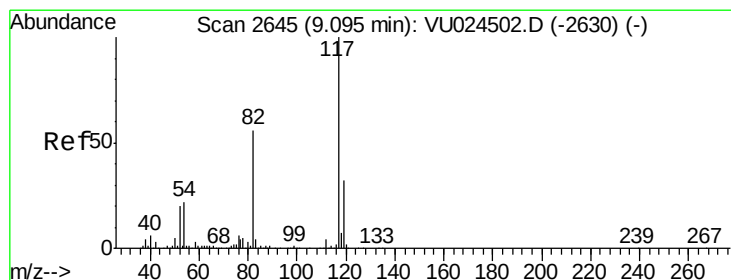
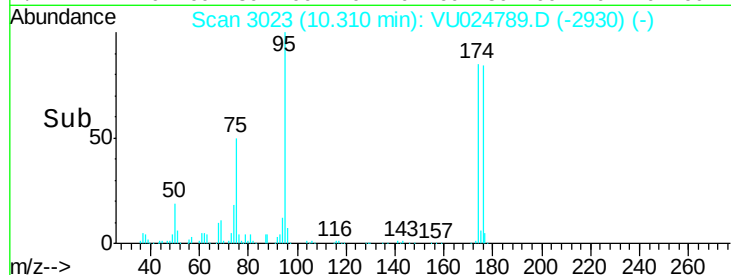
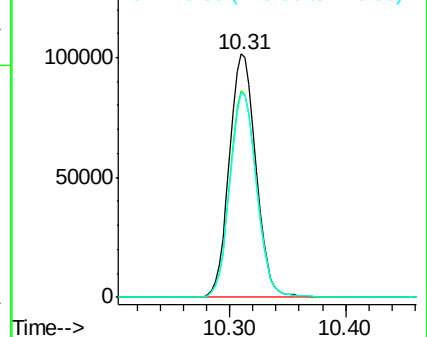
176 83.9 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU024789.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU024789.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU024789.D (-2930) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VU024789.D

Acq: 21 Jun 2018 04:52

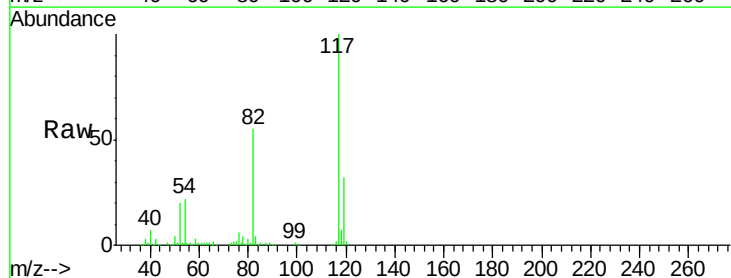
Tgt Ion: 117 Resp: 277086

Ion Ratio Lower Upper

117 100

82 55.3 44.3 66.5

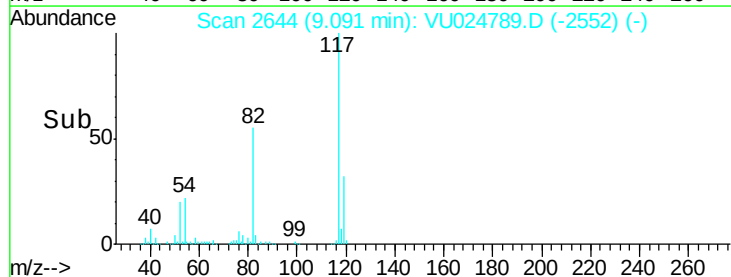
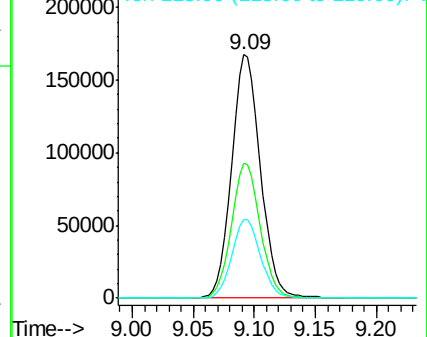
119 32.4 25.4 38.2

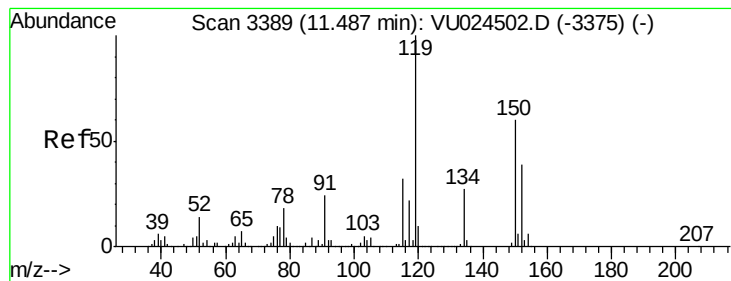


Abundance Ion 116.90 (116.60 to 117.60): VU024789.D (-2552) (-)

Ion 82.00 (81.70 to 82.70): VU024789.D (-2552) (-)

Ion 118.90 (118.60 to 119.60): VU024789.D (-2552) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024789.D

Acq: 21 Jun 2018 04:52

Instrument :

MSVOA_U

ClientSampleId :

CKMW19

Tot Ion:152 Resp: 152777

Ion Ratio Lower Upper

152 100

115 56.9 43.0 129.0

150 155.2 0.0 354.0

