

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
 Data File : VX000294.D
 Acq On : 13 Mar 2018 12:28
 Operator : JC/MD
 Sample : J1901-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DREDGE-DECANT-WATER

Quant Time: Mar 13 14:47:27 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	140471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	229643	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	218085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	118254	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	89015	45.71	ug/l	0.00
Spiked Amount			Recovery	=	91.42%	
35) Dibromofluoromethane	5.51	113	67189	46.58	ug/l	0.00
Spiked Amount			Recovery	=	93.16%	
50) Toluene-d8	8.73	98	264982	44.35	ug/l	0.00
Spiked Amount			Recovery	=	88.70%	
62) 4-Bromofluorobenzene	11.15	95	98393	42.19	ug/l	0.00
Spiked Amount			Recovery	=	84.38%	

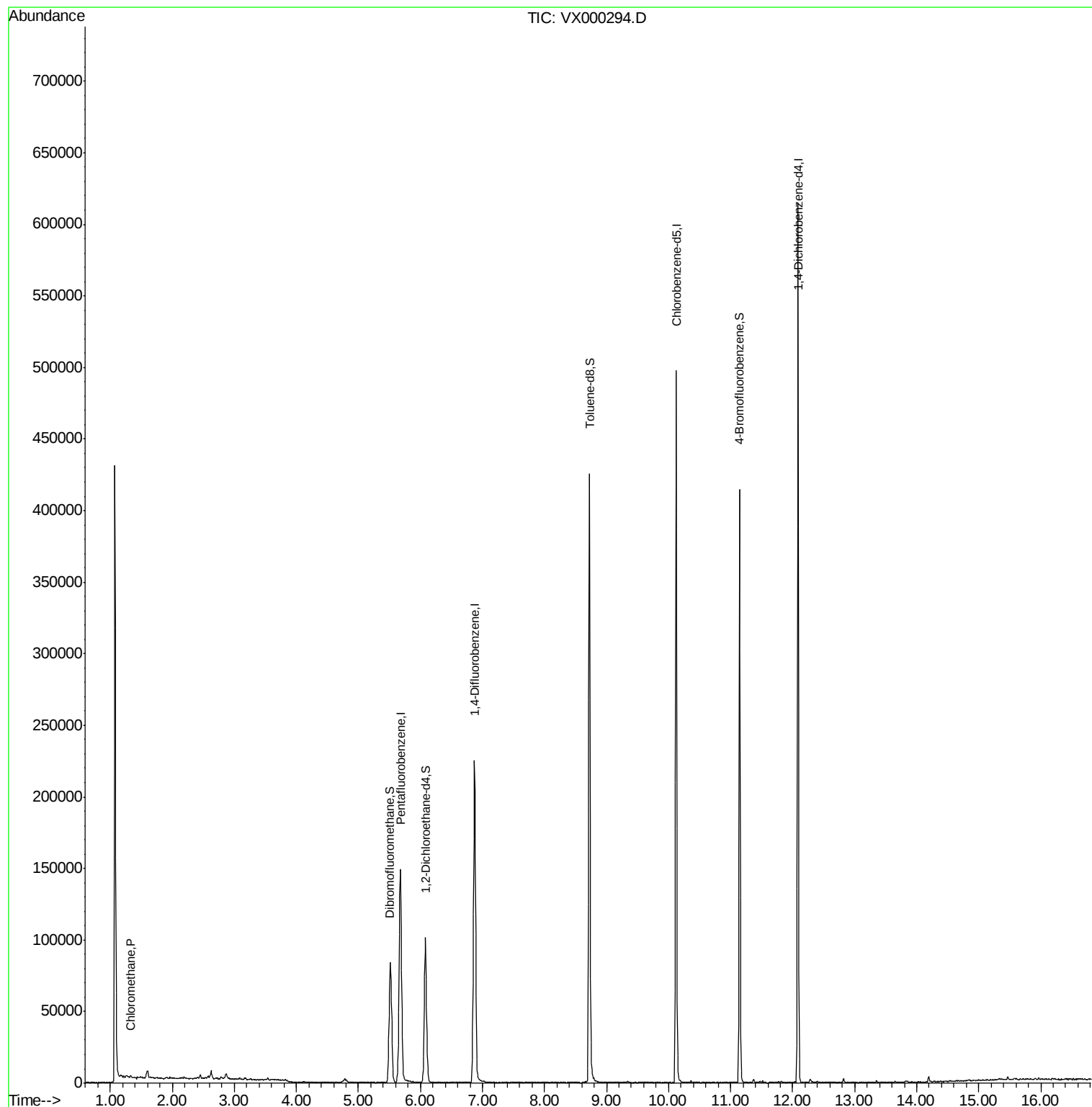
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	836	0.56	ug/l	# 78

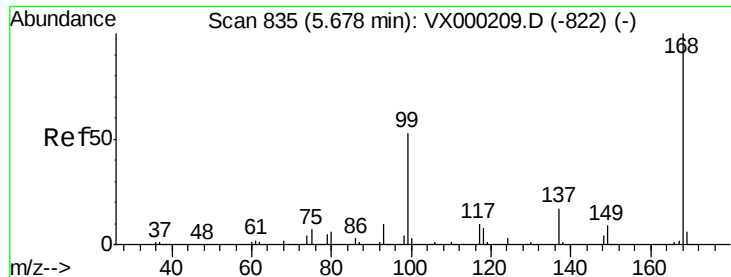
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000294.D

Acq: 13 Mar 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

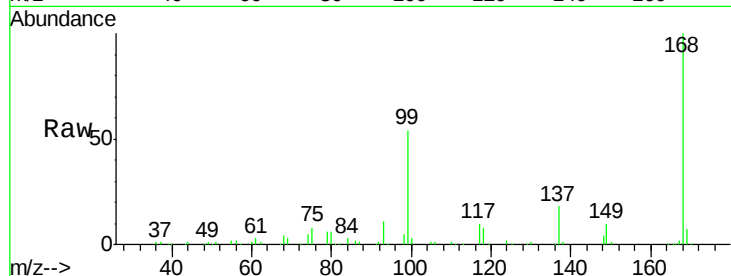
DREDGE-DECANT-WATER

Tot Ion:168 Resp: 140471

Ion Ratio Lower Upper

168 100

99 53.7 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

60000

50000

40000

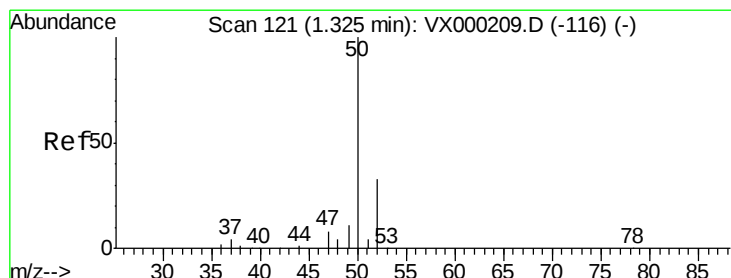
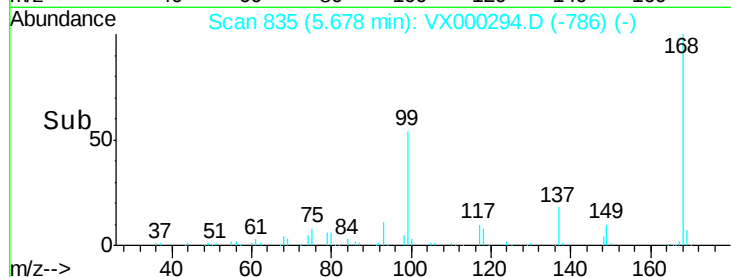
30000

20000

10000

0

Time-->



#3

Chloromethane

Concen: 0.56 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000294.D

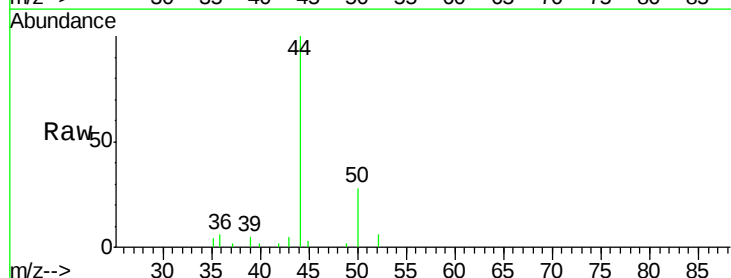
Acq: 13 Mar 2018 12:28

Tgt Ion: 50 Resp: 836

Ion Ratio Lower Upper

50 100

52 20.5 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1000

800

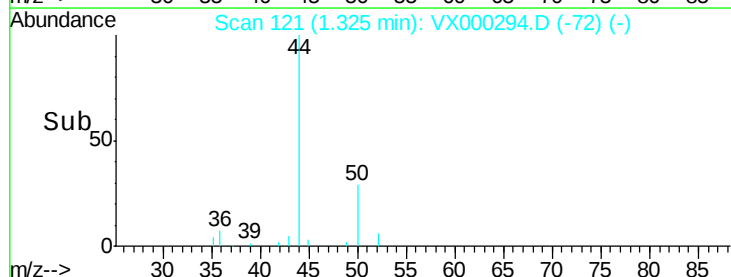
600

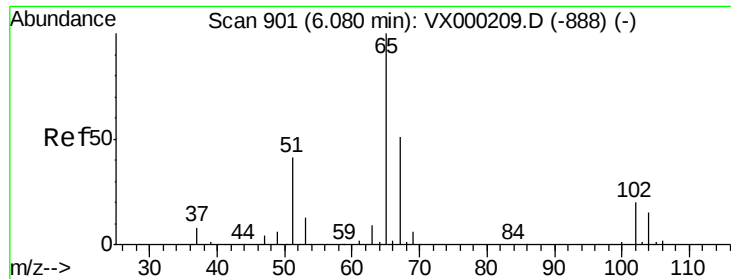
400

200

0

Time-->

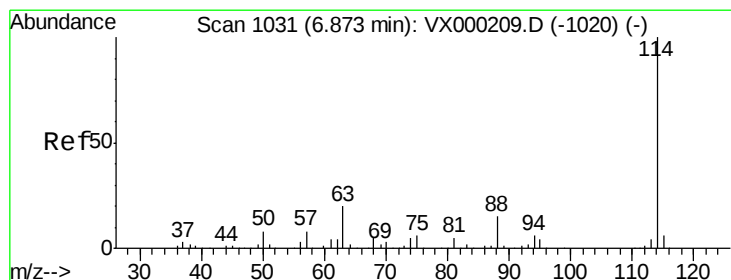
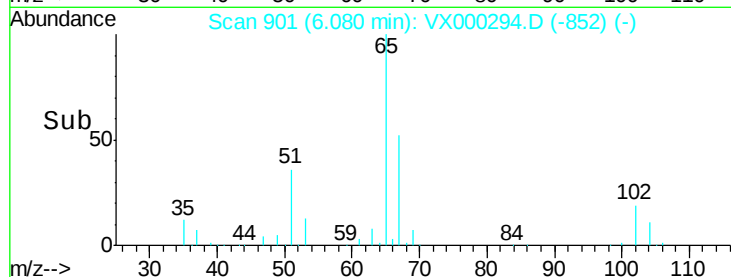
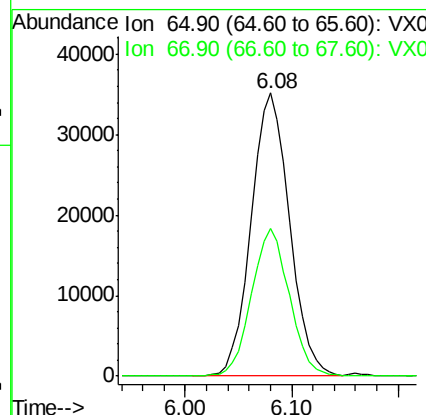
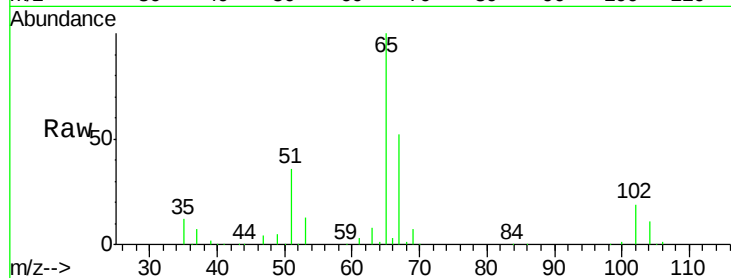




#33
 1,2-Dichloroethane-d4
 Concen: 45.71 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000294.D
 Acq: 13 Mar 2018 12:28

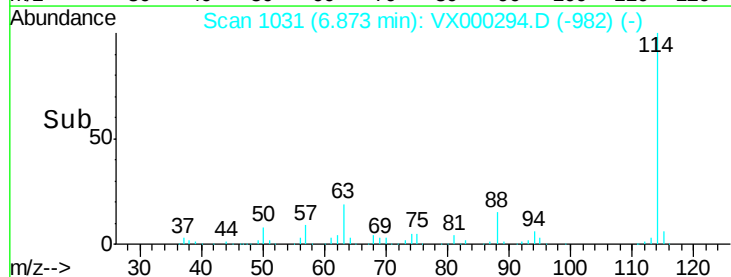
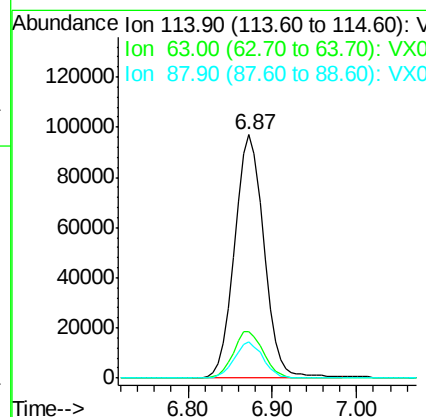
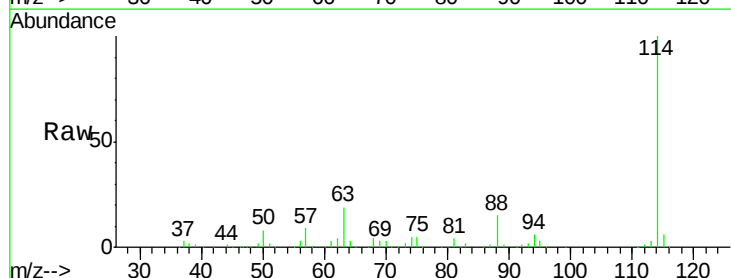
Instrument :
 MSVOA_X
 ClientSampleId :
 DREDGE-DECANT-WATER

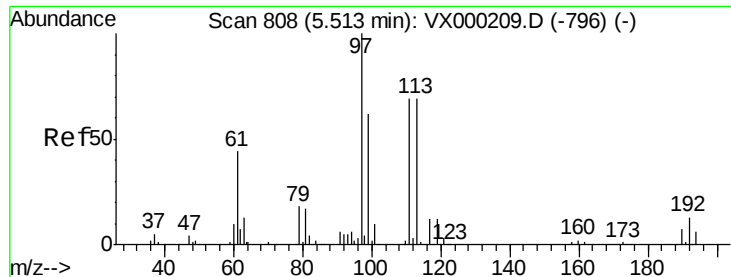
Tot Ion: 65 Resp: 89015
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000294.D
 Acq: 13 Mar 2018 12:28

Tgt Ion: 114 Resp: 229643
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 14.7 0.0 29.8





#35

Dibromofluoromethane

Concen: 46.58 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000294.D

Acq: 13 Mar 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

DREDGE-DECANT-WATER

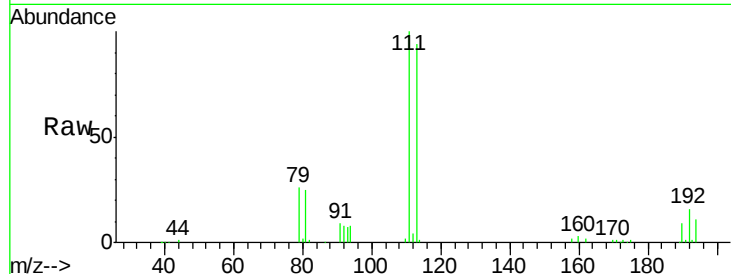
Tot Ion:113 Resp: 67189

Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.6

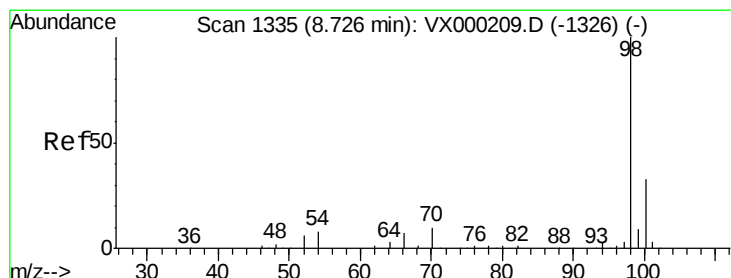
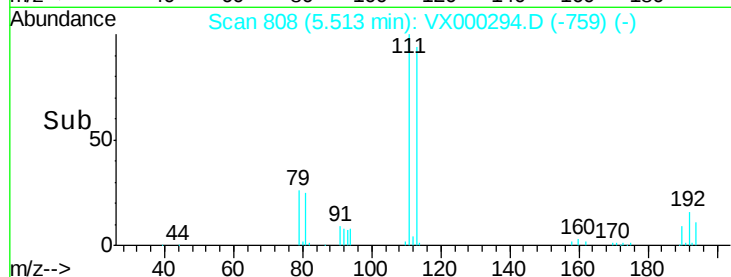
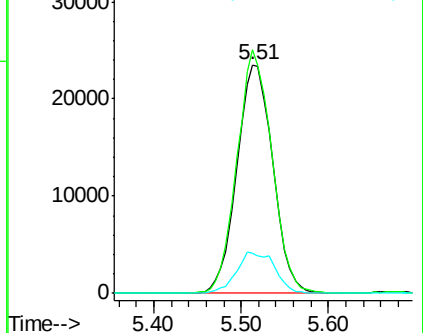
192 19.1 15.5 23.3



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: 44.35 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000294.D

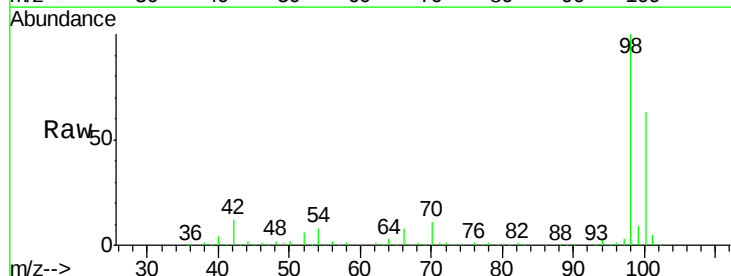
Acq: 13 Mar 2018 12:28

Tgt Ion: 98 Resp: 264982

Ion Ratio Lower Upper

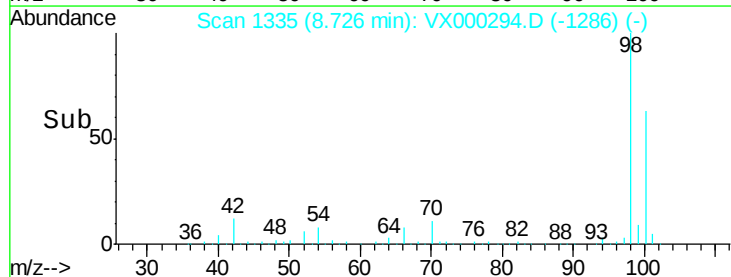
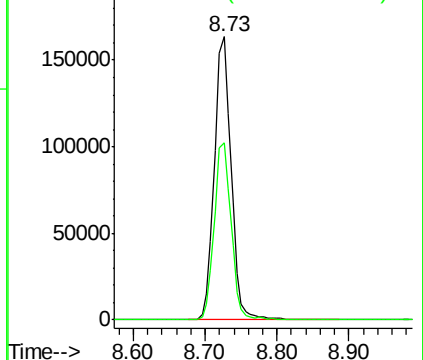
98 100

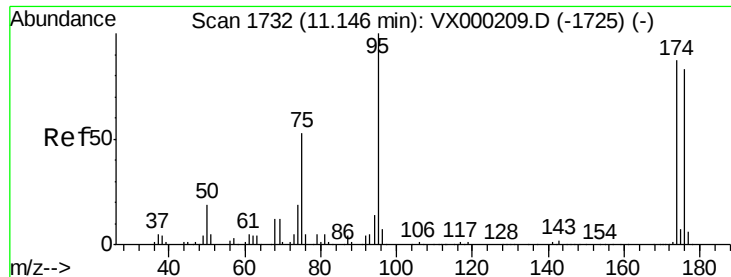
100 63.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 42.19 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000294.D

Acq: 13 Mar 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

DREDGE-DECANT-WATER

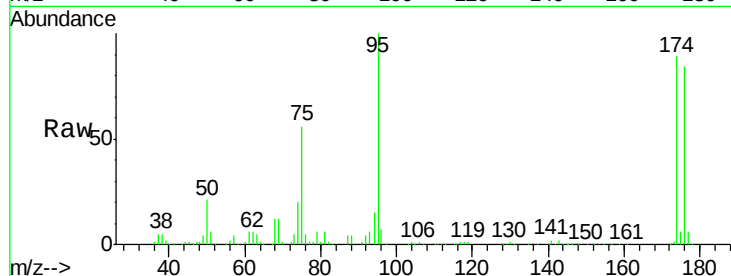
Tot Ion: 95 Resp: 98393

Ion Ratio Lower Upper

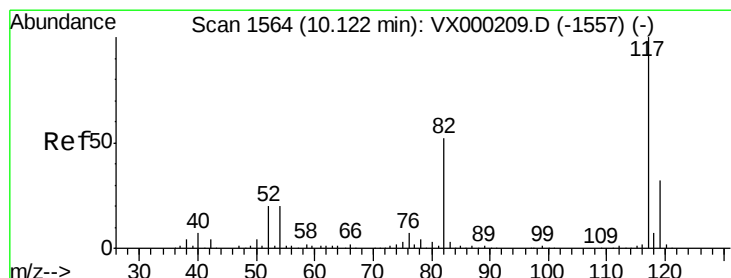
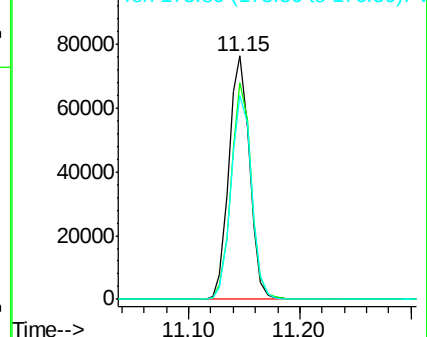
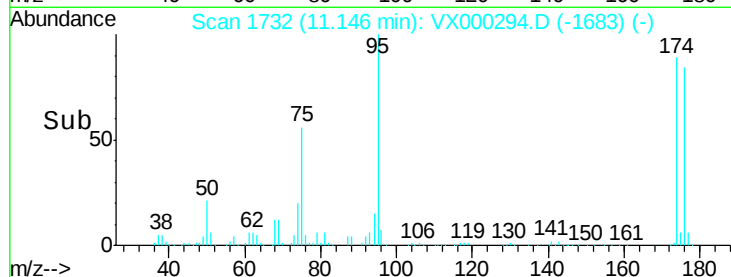
95 100

174 86.0 0.0 175.6

176 83.4 0.0 171.0



Abundance Ion 94.90 (94.60 to 95.60): VX000294.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000294.D

Acq: 13 Mar 2018 12:28

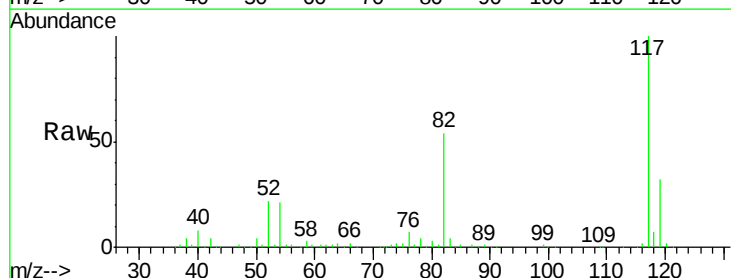
Tgt Ion: 117 Resp: 218085

Ion Ratio Lower Upper

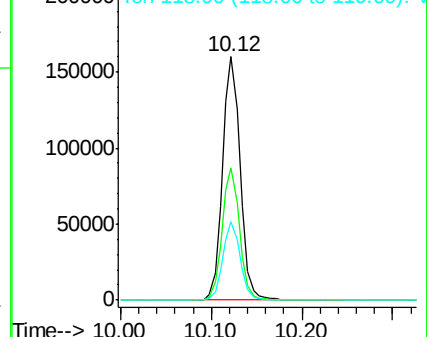
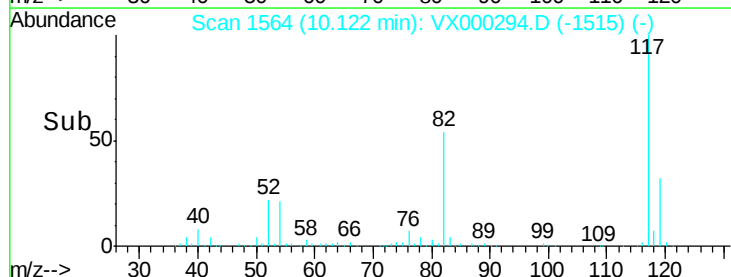
117 100

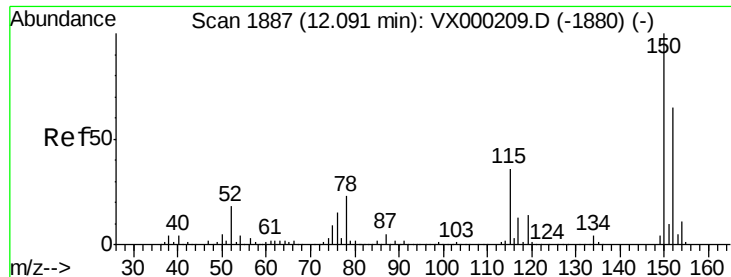
82 54.3 42.0 63.0

119 32.1 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VX000294.D (-1515) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000294.D

Acq: 13 Mar 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

DREDGE-DECANT-WATER

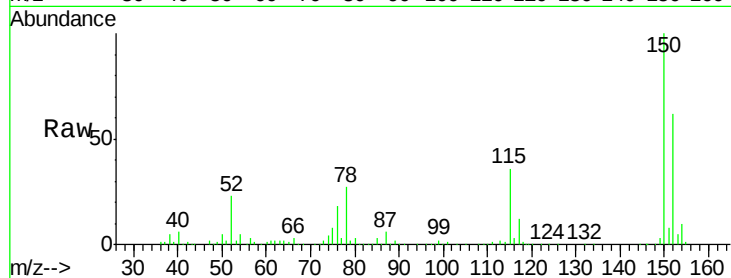
Tot Ion:152 Resp: 118254

Ion Ratio Lower Upper

152 100

115 56.1 39.8 119.3

150 157.6 0.0 345.0



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

