

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022818\
 Data File : VX000174.D
 Acq On : 28 Feb 2018 18:23
 Operator : JC/MD
 Sample : J1674-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FINAL-EFFLUENT

Quant Time: Mar 01 07:17:52 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	136686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	242009	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	236916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	126382	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	109039	63.88	ug/l	0.00
Spiked Amount			Recovery	=	127.76%	
35) Dibromofluoromethane	5.51	113	81586	53.41	ug/l	0.00
Spiked Amount			Recovery	=	106.82%	
50) Toluene-d8	8.73	98	301249	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.15	95	116174	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	

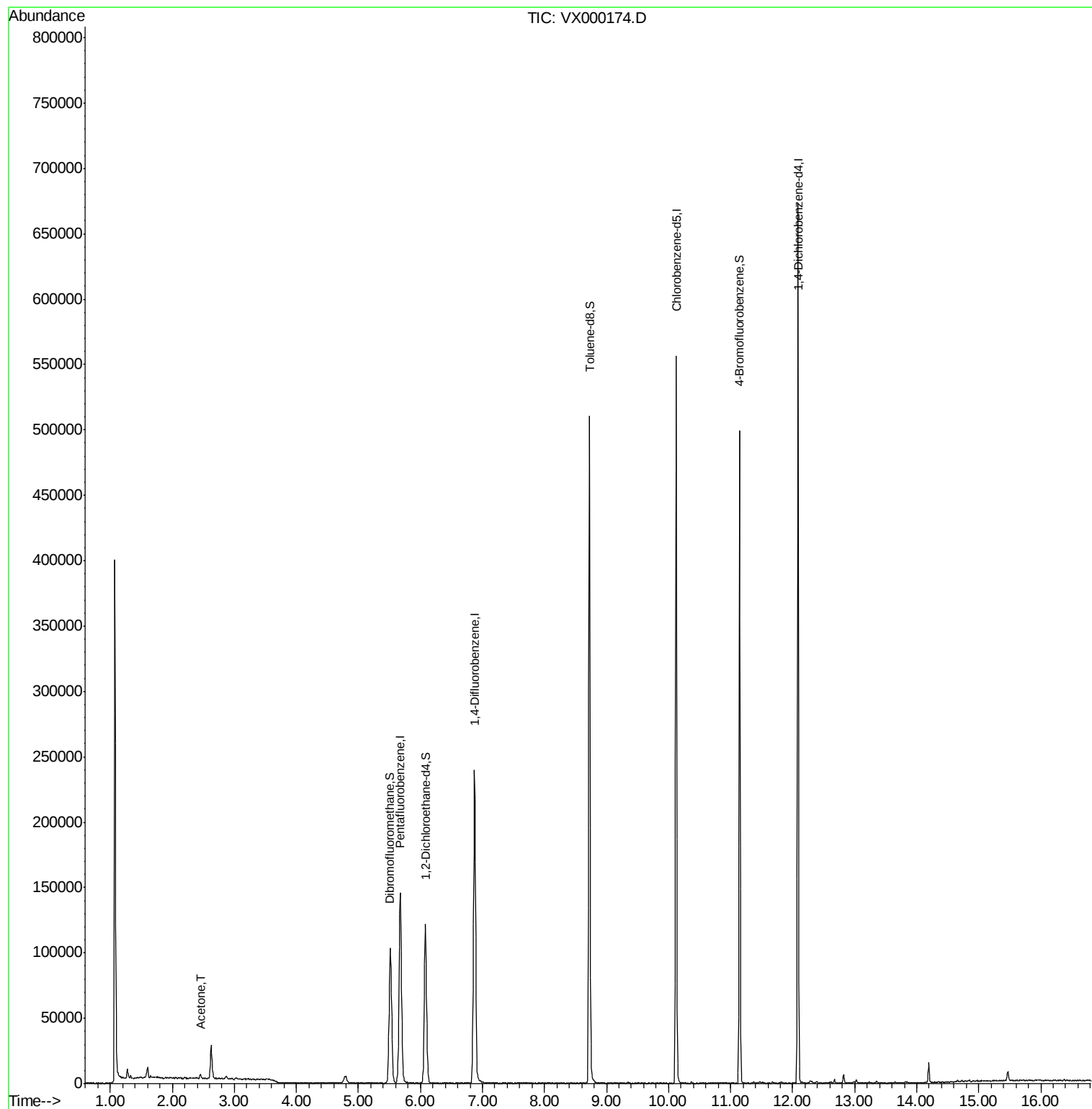
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	3376	3.05	ug/l	95

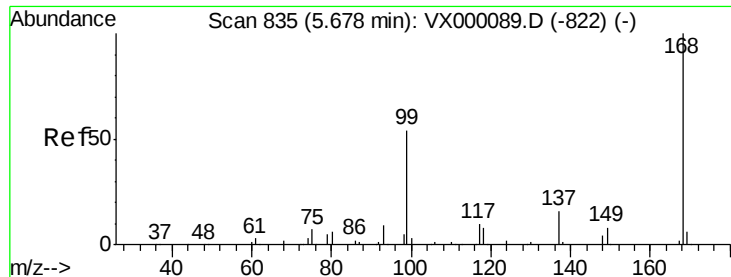
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000174.D

Acq: 28 Feb 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

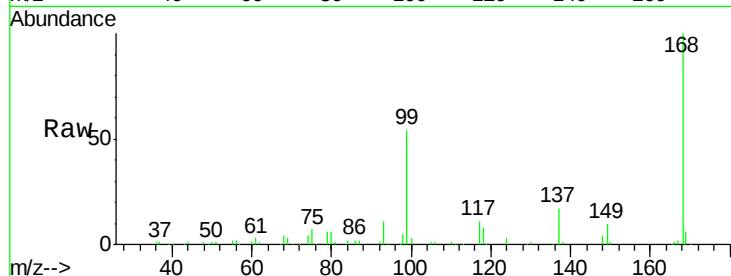
FINAL-EFFLUENT

Tot Ion:168 Resp: 136686

Ion Ratio Lower Upper

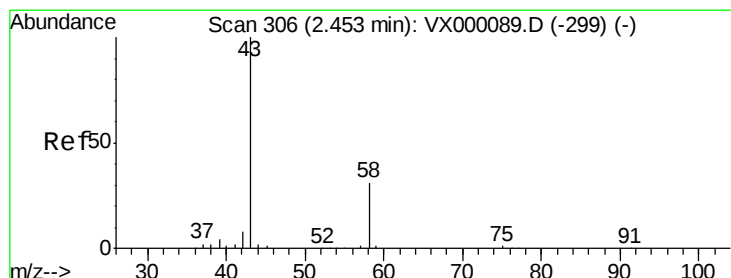
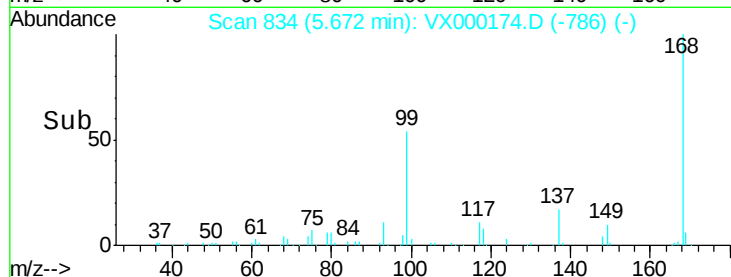
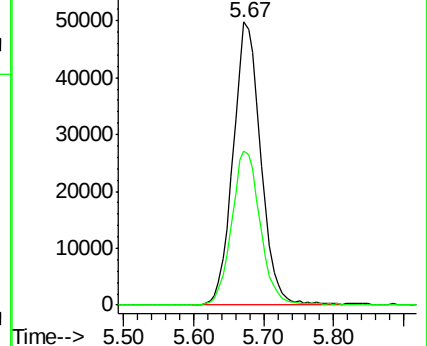
168 100

99 54.3 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.05 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000174.D

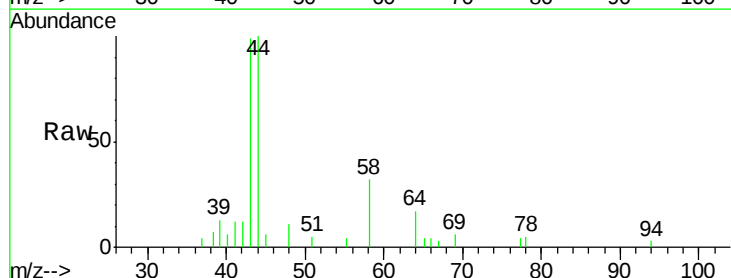
Acq: 28 Feb 2018 18:23

Tgt Ion: 43 Resp: 3376

Ion Ratio Lower Upper

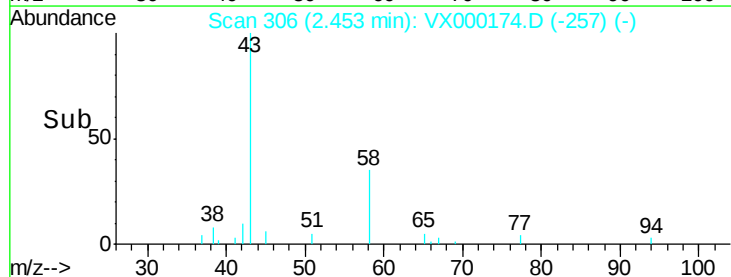
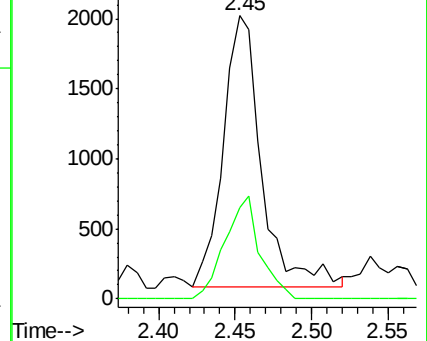
43 100

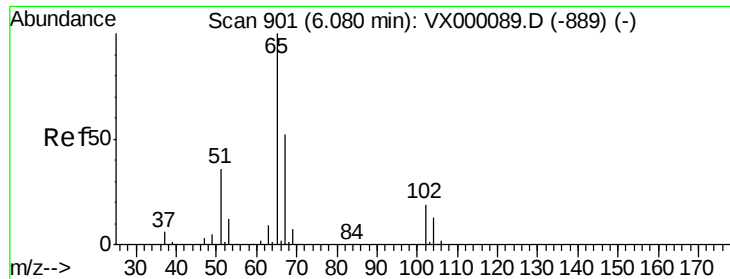
58 33.8 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 63.88 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000174.D

Acq: 28 Feb 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

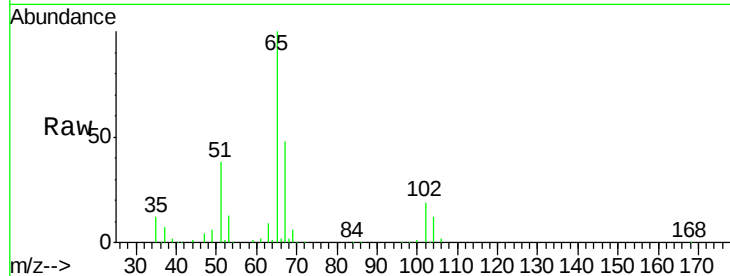
FINAL-EFFLUENT

Tot Ion: 65 Resp: 109039

Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.8

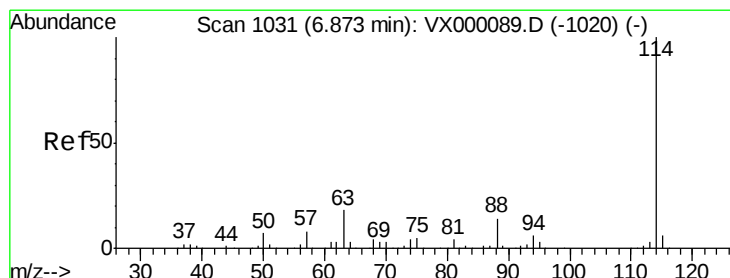
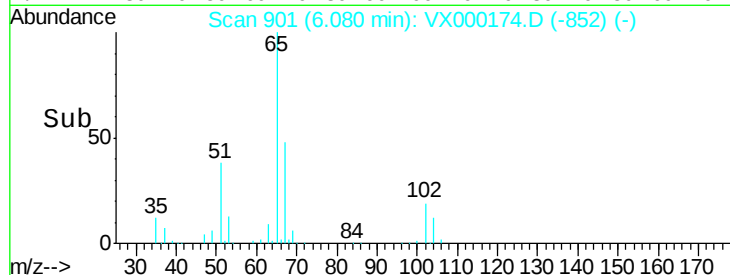


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000174.D

Acq: 28 Feb 2018 18:23

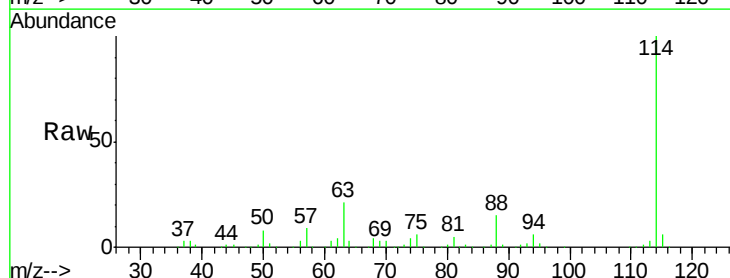
Tgt Ion: 114 Resp: 242009

Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 15.3 0.0 29.0



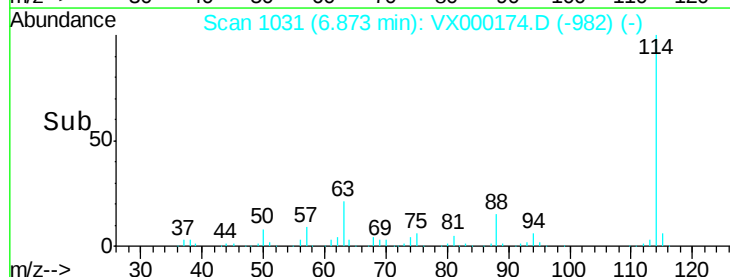
Abundance Ion 113.90 (113.60 to 114.60): V

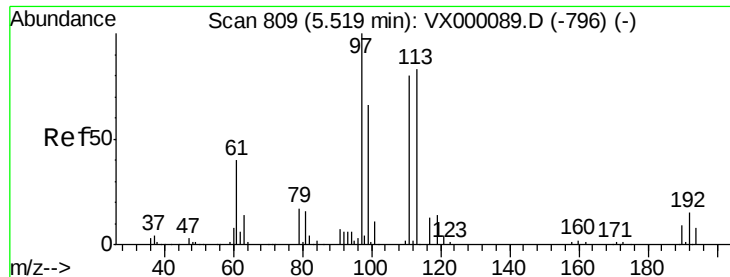
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.87

Time-->

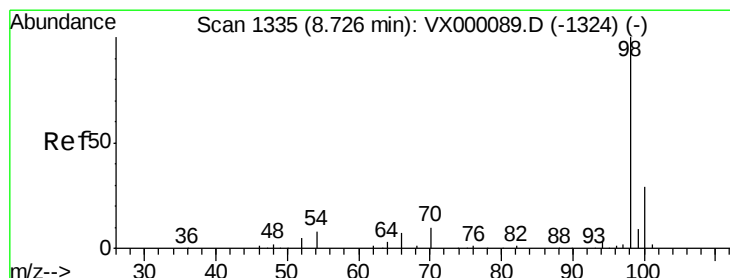
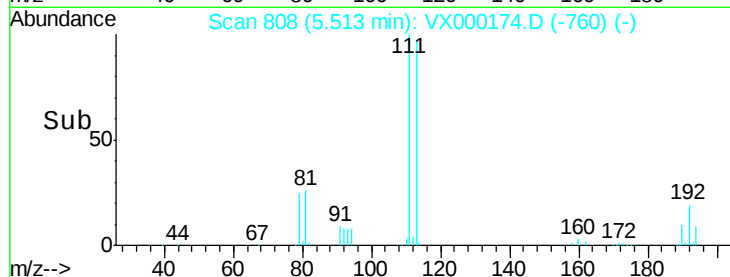
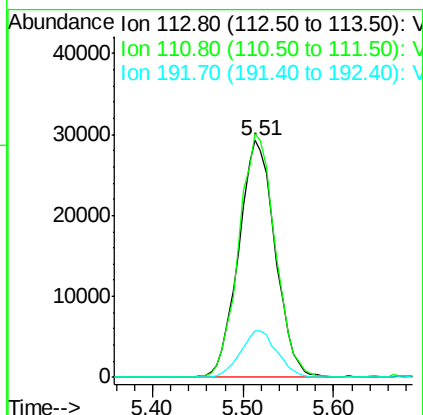
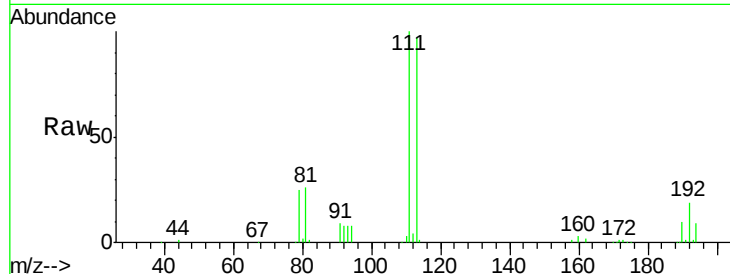




#35
 Dibromofluoromethane
 Concen: 53.41 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: VX000174.D
 Acq: 28 Feb 2018 18:23

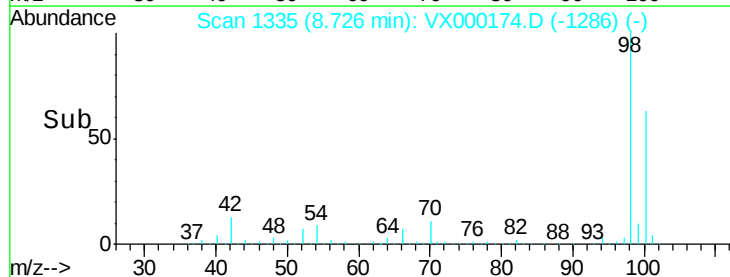
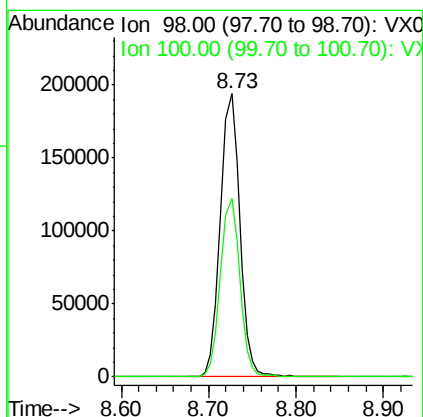
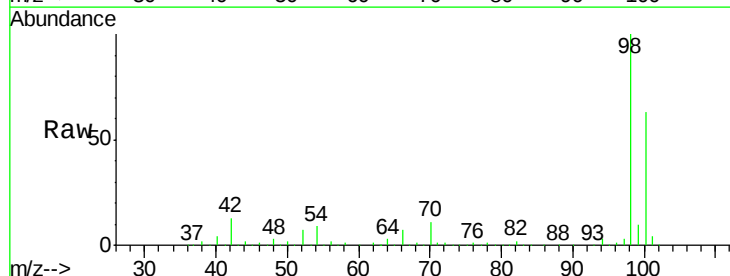
Instrument :
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 FINAL-EFFLUENT

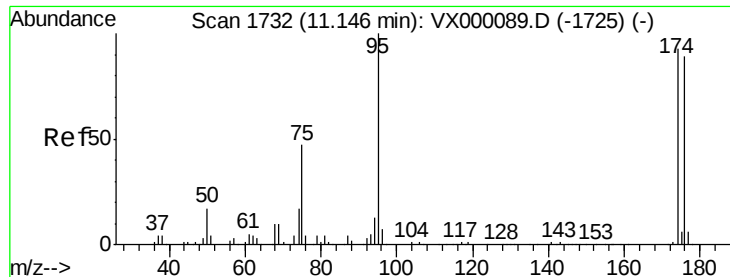
Tot Ion:113 Resp: 81586
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.0 121.6
 192 19.8 15.7 23.5



#50
 Toluene-d8
 Concen: 50.00 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: VX000174.D
 Acq: 28 Feb 2018 18:23

Tgt Ion: 98 Resp: 301249
 Ion Ratio Lower Upper
 98 100
 100 63.0 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 49.17 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000174.D

Acq: 28 Feb 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

FINAL-EFFLUENT

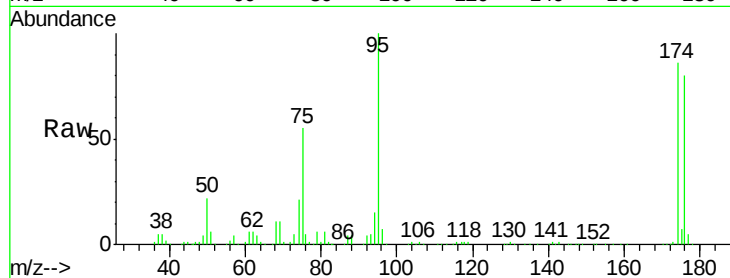
Tot Ion: 95 Resp: 116174

Ion Ratio Lower Upper

95 100

174 83.9 0.0 187.8

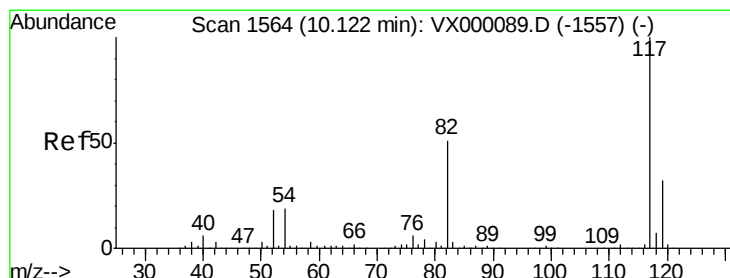
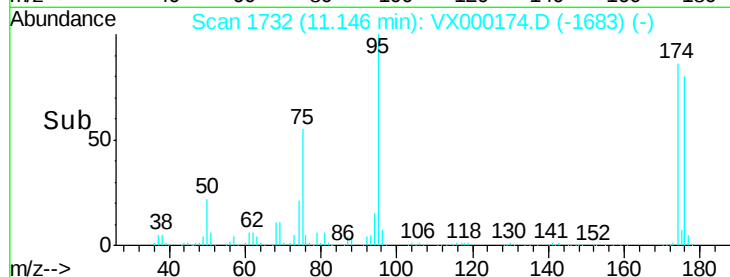
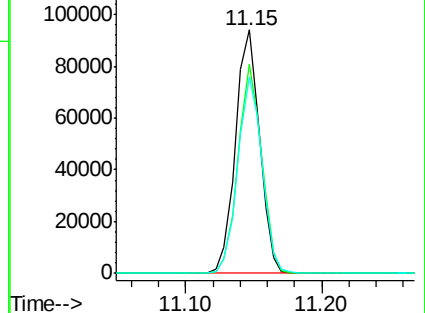
176 80.8 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VX000089.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX000089.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX000089.D (-1725) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000174.D

Acq: 28 Feb 2018 18:23

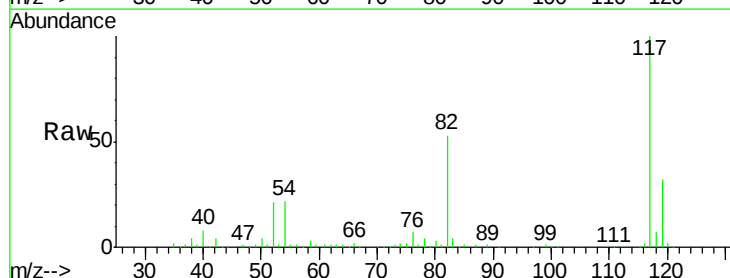
Tgt Ion: 117 Resp: 236916

Ion Ratio Lower Upper

117 100

82 53.4 41.0 61.6

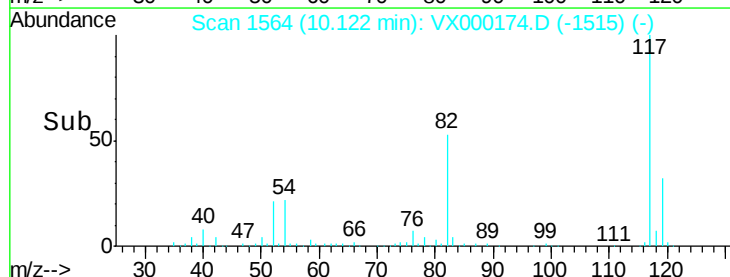
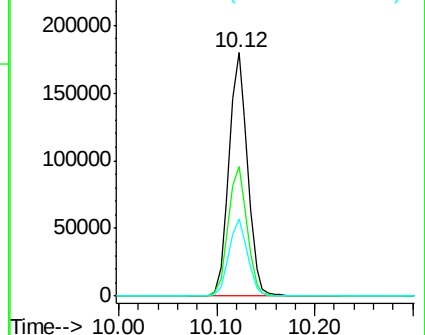
119 31.7 25.5 38.3

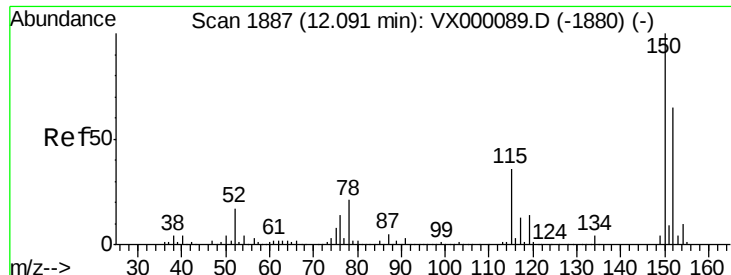


Abundance Ion 116.90 (116.60 to 117.60): VX000089.D (-1557) (-)

Ion 82.00 (81.70 to 82.70): VX000089.D (-1557) (-)

Ion 118.90 (118.60 to 119.60): VX000089.D (-1557) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000174.D

Acq: 28 Feb 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

FINAL-EFFLUENT

Tot Ion:152 Resp: 126382

Ion Ratio Lower Upper

152 100

115 58.1 39.1 117.2

150 154.6 0.0 348.2

