

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042718\
 Data File : VX001174.D
 Acq On : 27 Apr 2018 16:54
 Operator : JC/MD
 Sample : J2543-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTE

Quant Time: Apr 27 17:55:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	199528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	275020	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	242730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	140187	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	127096	41.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.18%	
35) Dibromofluoromethane	5.51	113	100292	44.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.12%	
50) Toluene-d8	8.72	98	381840	44.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.90%	
62) 4-Bromofluorobenzene	11.14	95	130257	38.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.62%	

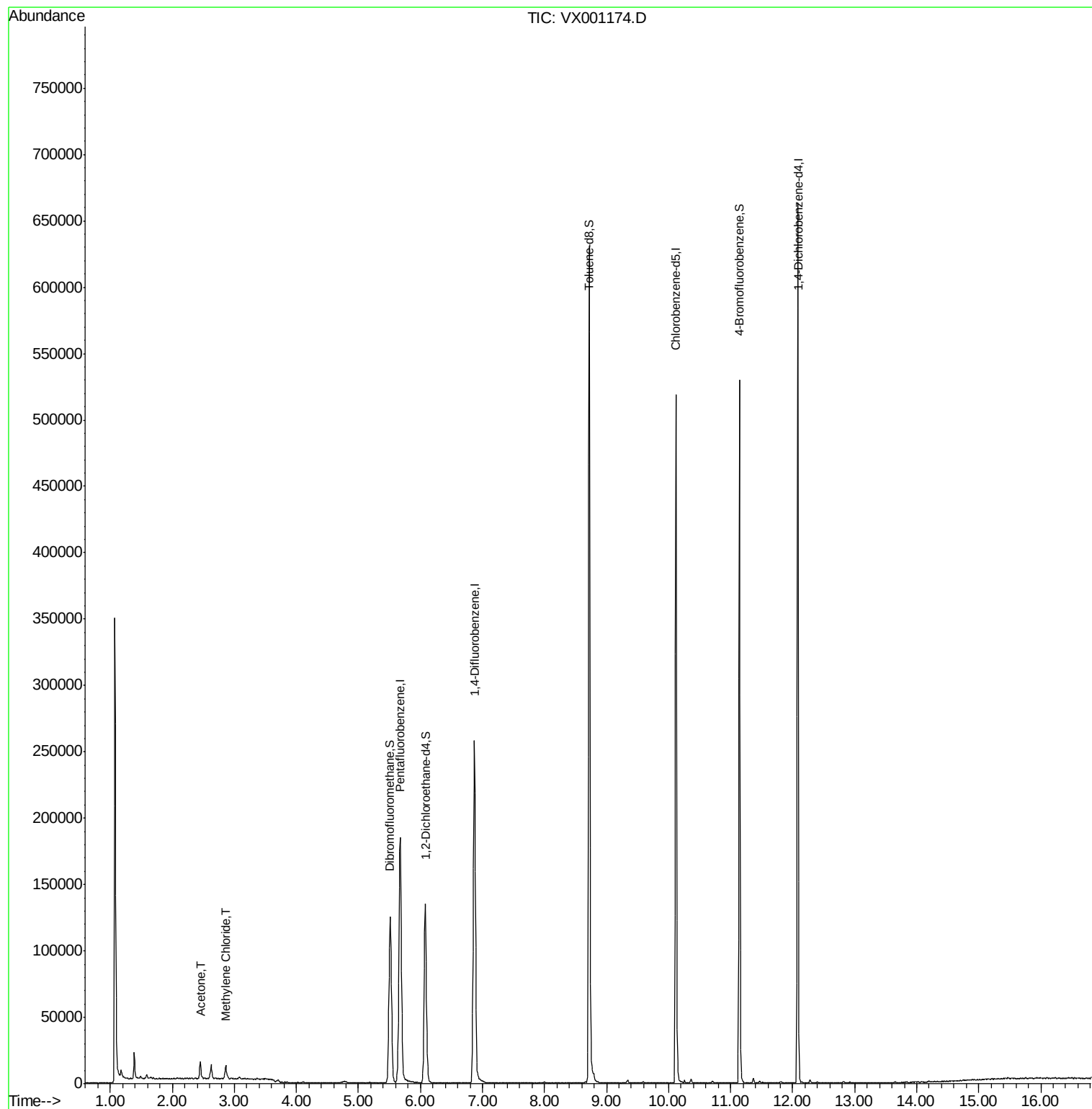
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	13335	10.48	ug/l	100
20) Methylene Chloride	2.86	84	4258	1.80	ug/l	97

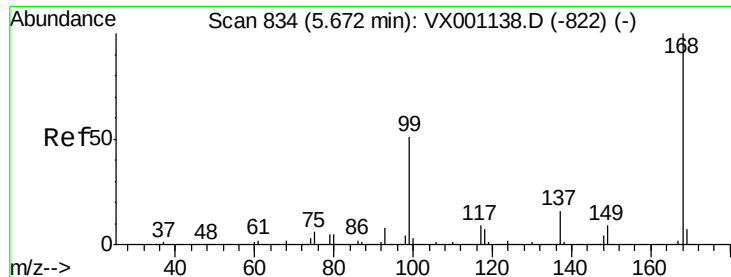
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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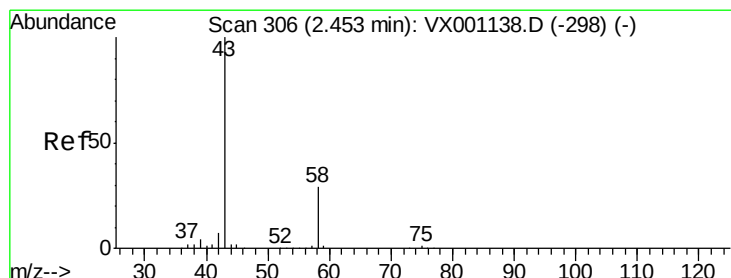
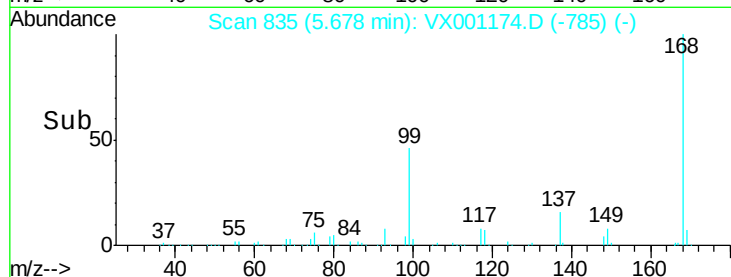
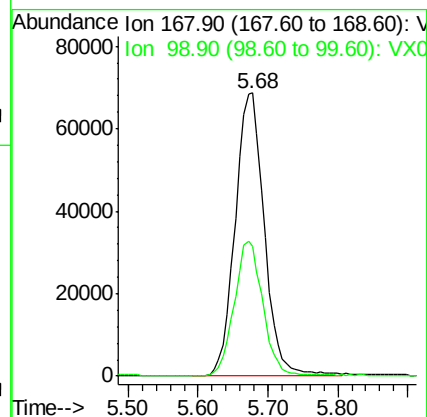
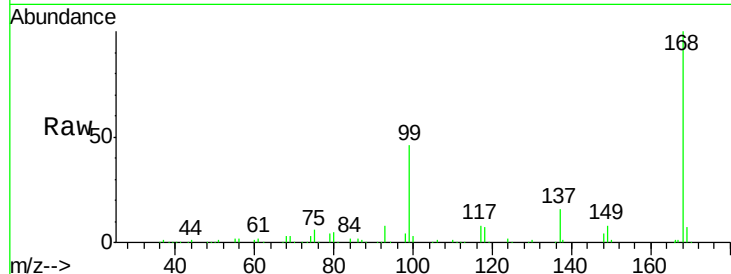




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.01 min
Lab File: VX001174.D
Acq: 27 Apr 2018 16:54

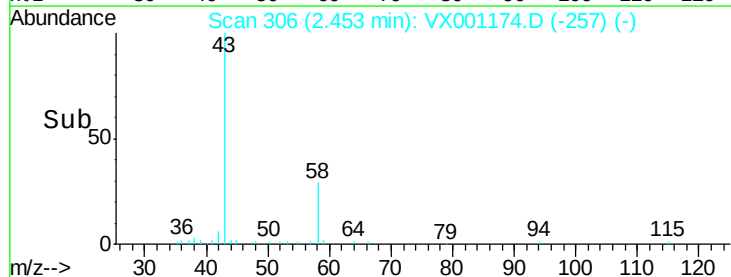
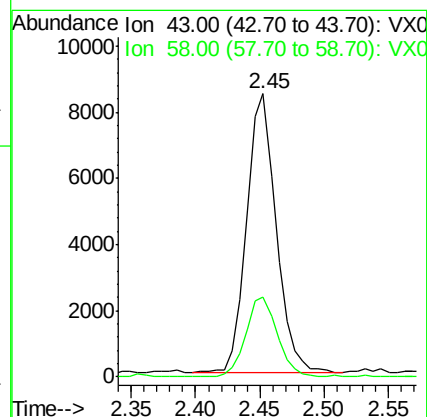
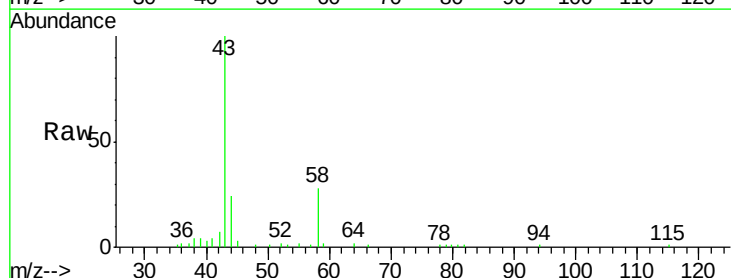
Instrument :
MSVOA_X
ClientSampleId :
TOTE

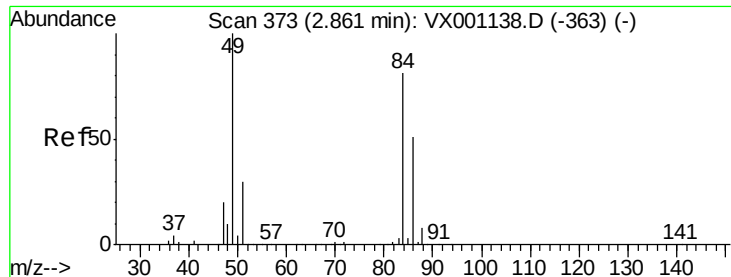
Tot Ion:168 Resp: 199528
Ion Ratio Lower Upper
168 100
99 46.0 40.6 60.8



#16
Acetone
Concen: 10.48 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX001174.D
Acq: 27 Apr 2018 16:54

Tgt Ion: 43 Resp: 13335
Ion Ratio Lower Upper
43 100
58 28.8 23.0 34.6

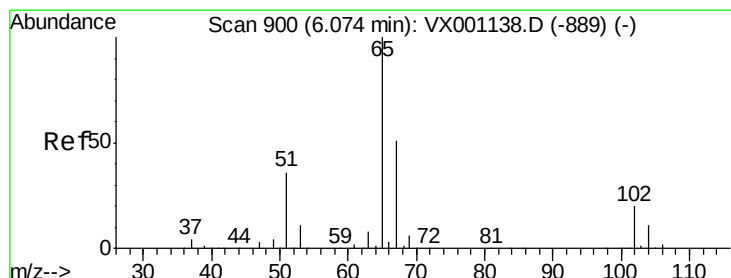
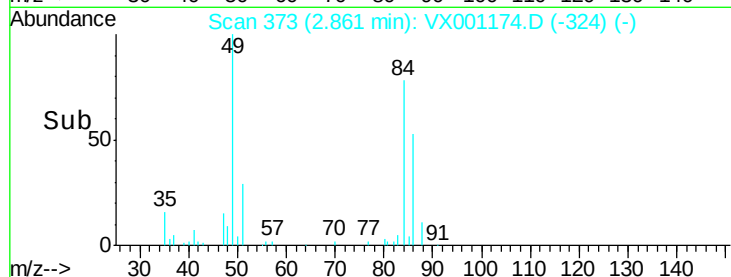
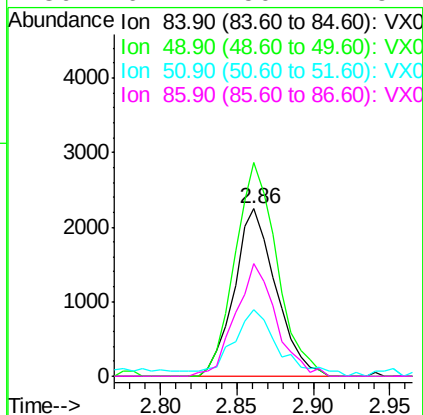
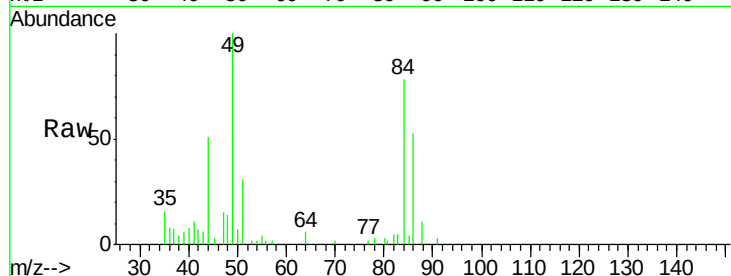




#20
Methylene Chloride
Concen: 1.80 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001174.D
Acq: 27 Apr 2018 16:54

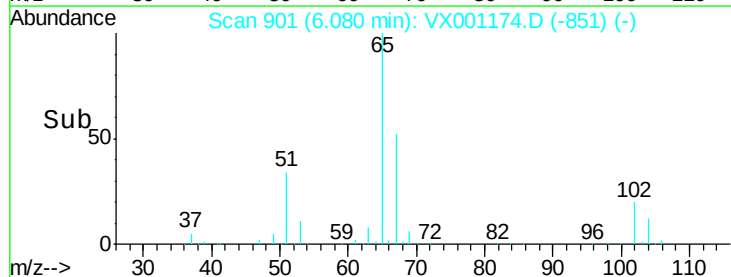
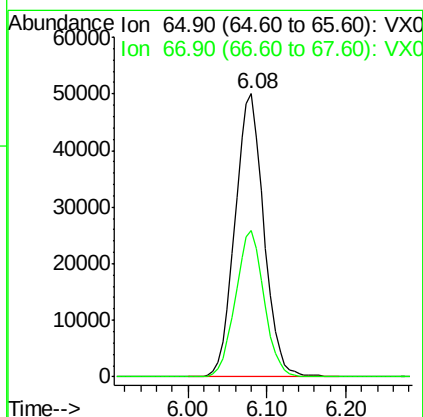
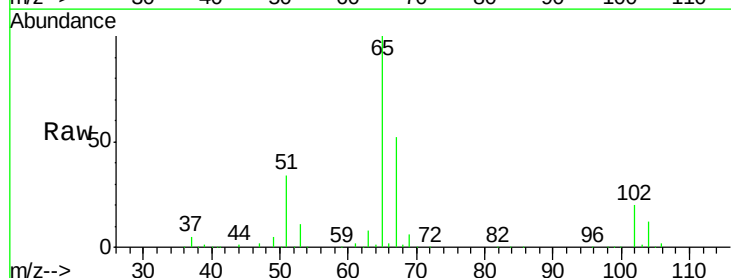
Instrument :
MSVOA_X
ClientSampleId :
TOTE

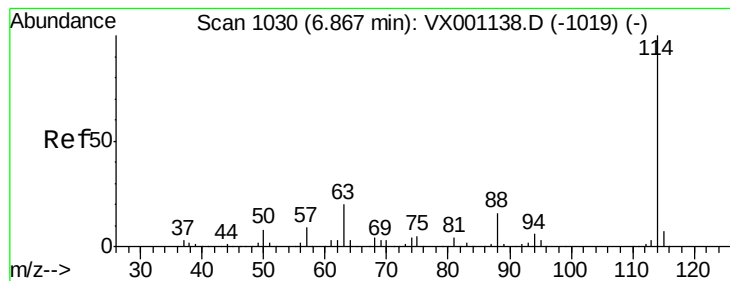
Tot Ion: 84 Resp: 4258
Ion Ratio Lower Upper
84 100
49 127.4 99.2 148.8
51 36.8 29.5 44.3
86 67.4 50.2 75.2



#33
1,2-Dichloroethane-d4
Concen: 41.09 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX001174.D
Acq: 27 Apr 2018 16:54

Tgt Ion: 65 Resp: 127096
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001174.D

Acq: 27 Apr 2018 16:54

Instrument :

MSVOA_X

ClientSampleId :

TOTE

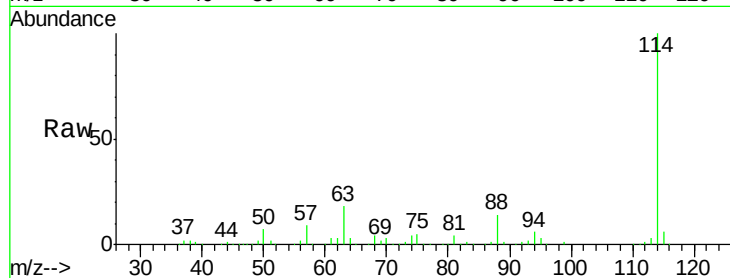
Tot Ion:114 Resp: 275020

Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.4

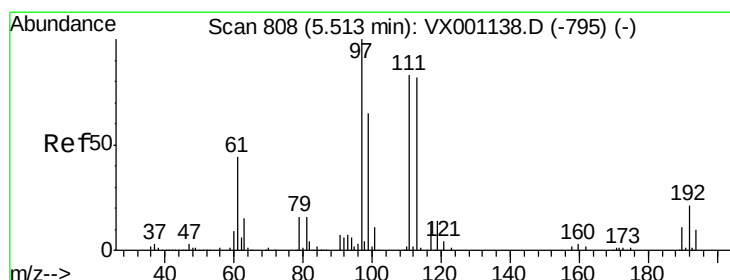
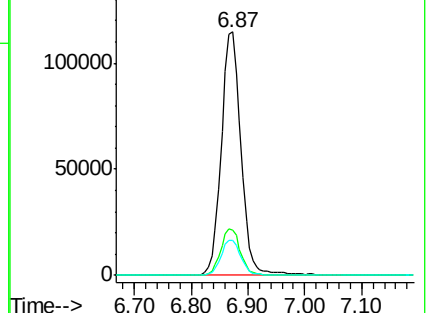
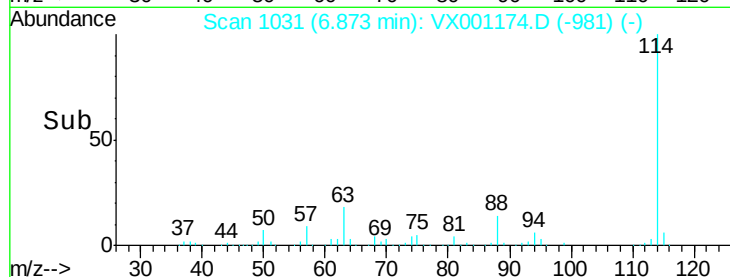
88 14.4 0.0 31.8



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



#35

Dibromofluoromethane

Concen: 44.06 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001174.D

Acq: 27 Apr 2018 16:54

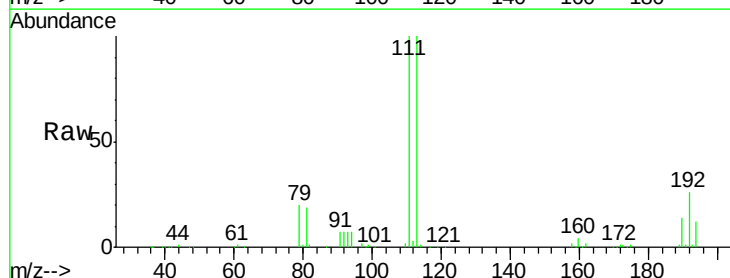
Tgt Ion:113 Resp: 100292

Ion Ratio Lower Upper

113 100

111 100.7 82.2 123.4

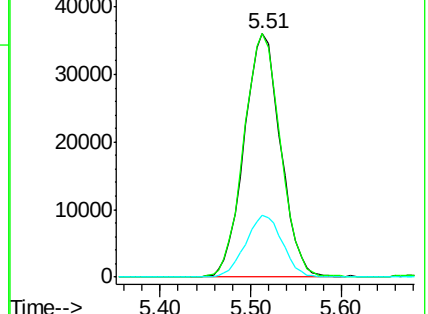
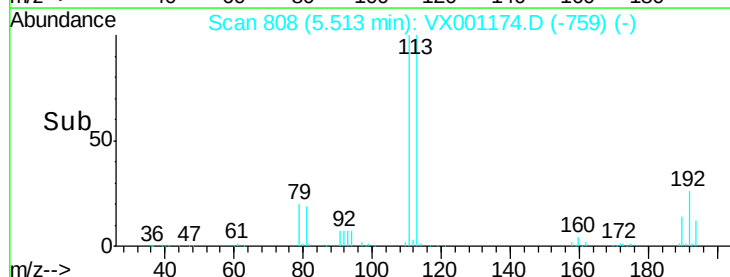
192 25.6 20.6 30.8

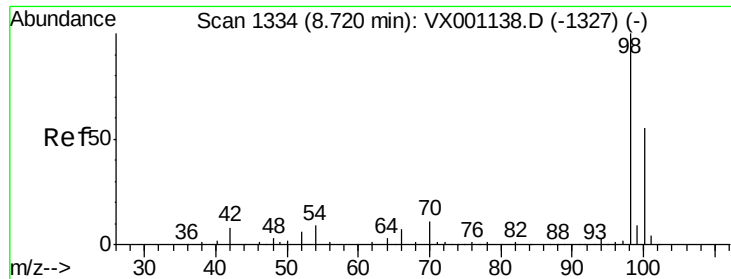


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.45 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001174.D

Acq: 27 Apr 2018 16:54

Instrument :

MSVOA_X

ClientSampled :

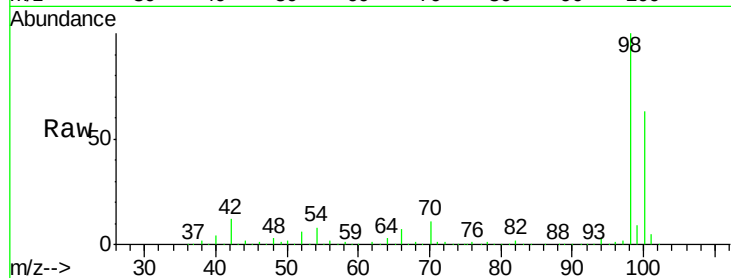
TOTE

Tot Ion: 98 Resp: 381840

Ion Ratio Lower Upper

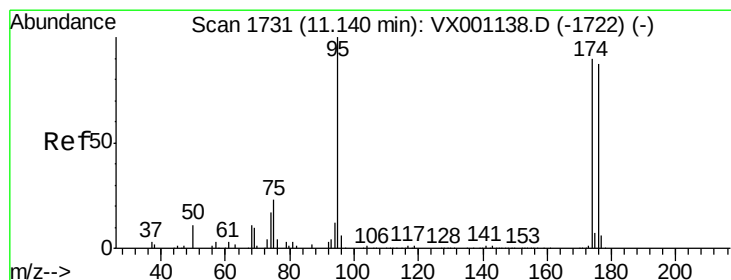
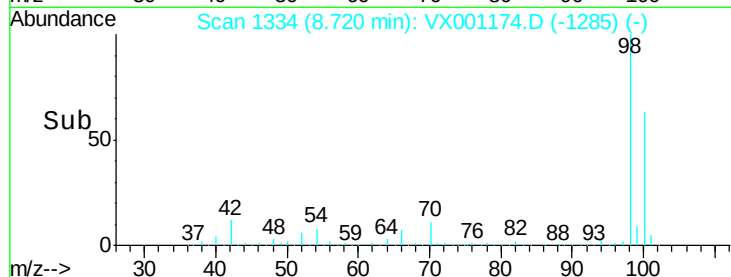
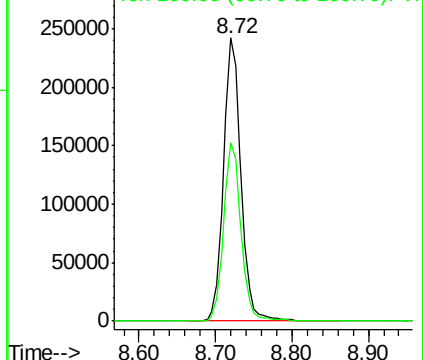
98 100

100 63.3 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 38.81 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001174.D

Acq: 27 Apr 2018 16:54

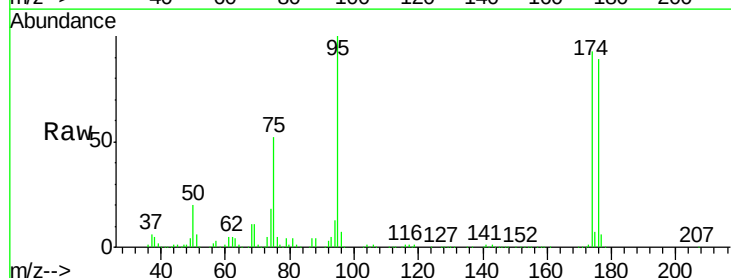
Tgt Ion: 95 Resp: 130257

Ion Ratio Lower Upper

95 100

174 101.3 0.0 194.4

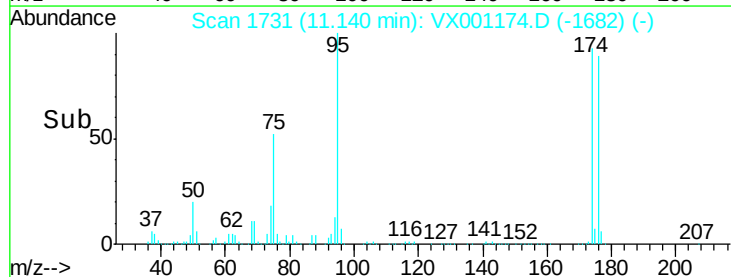
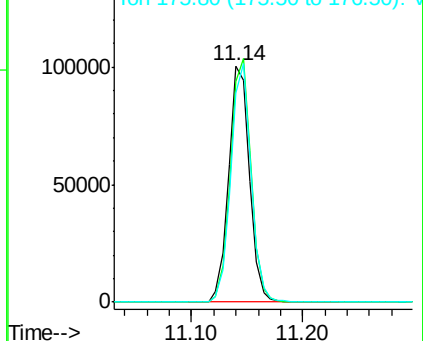
176 97.6 0.0 190.2

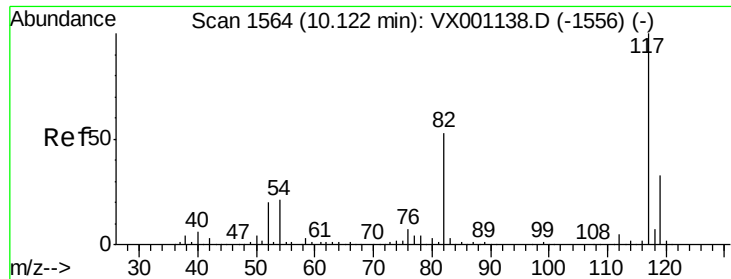


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

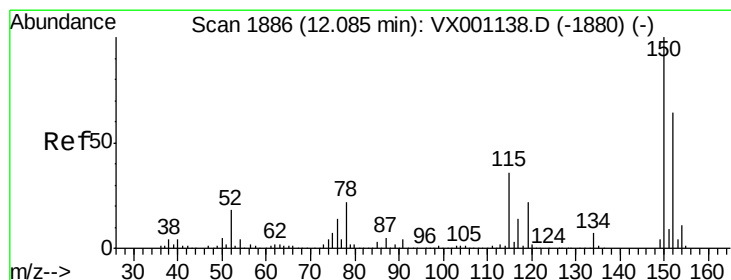
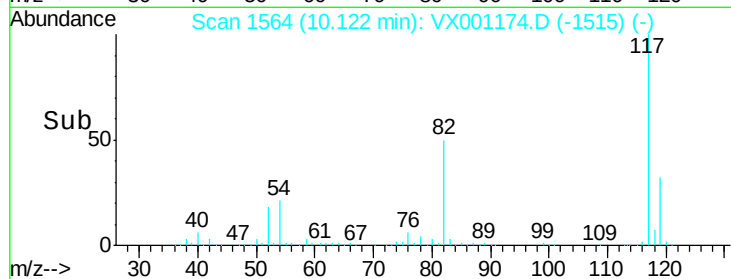
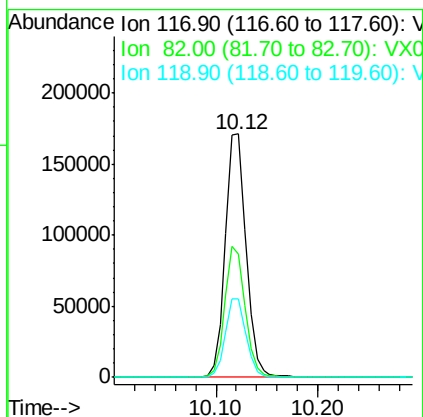
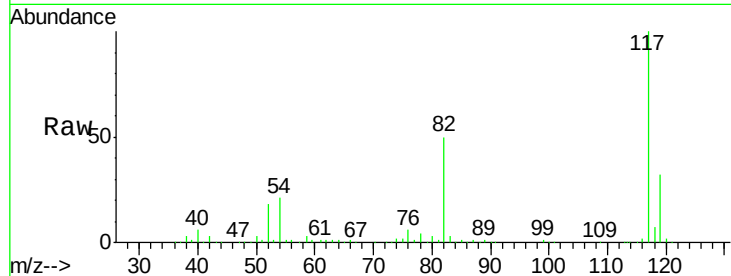




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001174.D
Acq: 27 Apr 2018 16:54

Instrument :
MSVOA_X
ClientSampled :
TOTE

Tot Ion:117 Resp: 242730
Ion Ratio Lower Upper
117 100
82 50.5 42.1 63.1
119 32.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001174.D
Acq: 27 Apr 2018 16:54

Tgt Ion:152 Resp: 140187
Ion Ratio Lower Upper
152 100
115 52.3 38.0 114.0
150 154.4 0.0 349.6

