

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042718\
 Data File : VX001193.D
 Acq On : 28 Apr 2018 01:51
 Operator : JC/MD
 Sample : J2464-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1TB09-180417

Quant Time: Apr 28 04:49:26 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	5.67	168	204956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	277084	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	247886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	145008	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	155389	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
35) Dibromofluoromethane	5.51	113	122507	53.42	ug/l	0.00
Spiked Amount			Recovery	=	106.84%	
50) Toluene-d8	8.72	98	468174	54.09	ug/l	0.00
Spiked Amount			Recovery	=	108.18%	
62) 4-Bromofluorobenzene	11.14	95	160069	47.34	ug/l	0.00
Spiked Amount			Recovery	=	94.68%	

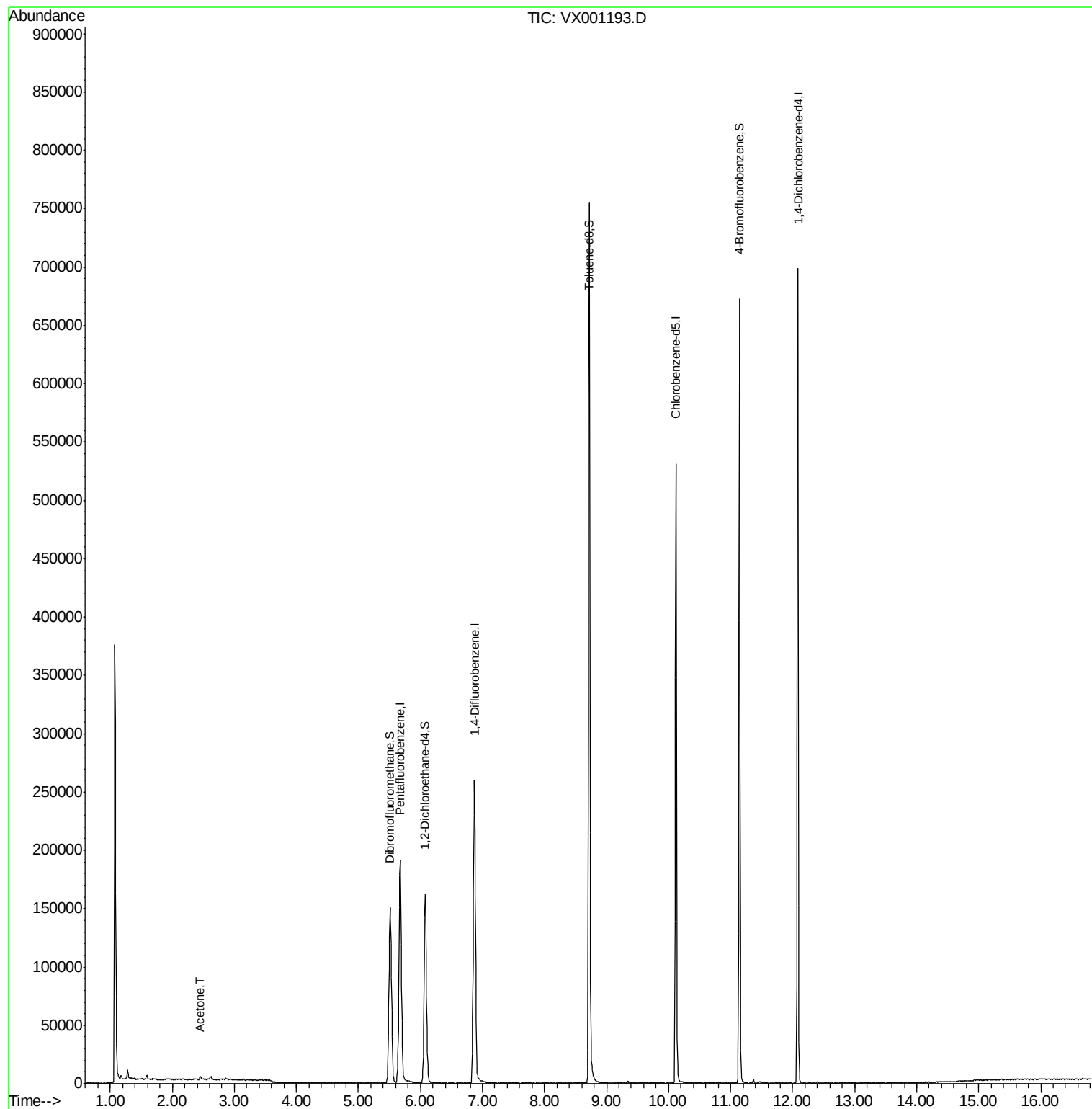
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	3024	2.31	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001193.D

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MSVOA_X

ClientSampleId :

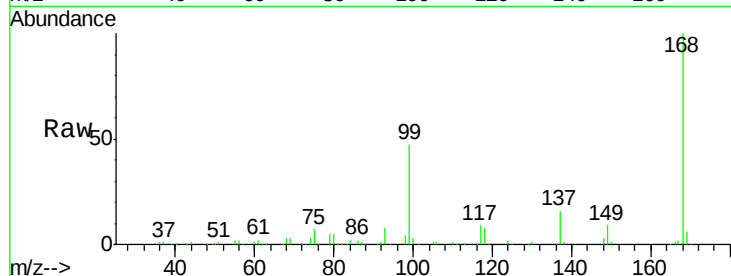
Z1TB09-180417

Tot Ion:168 Resp: 204956

Ion Ratio Lower Upper

168 100

99 47.3 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

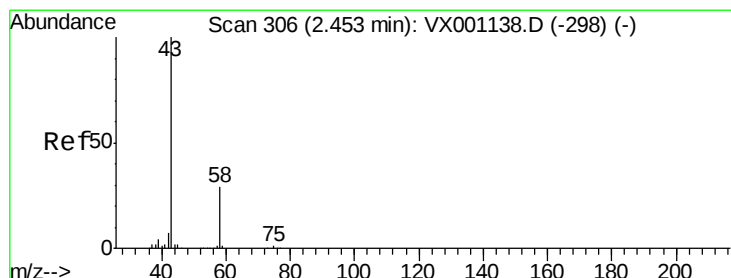
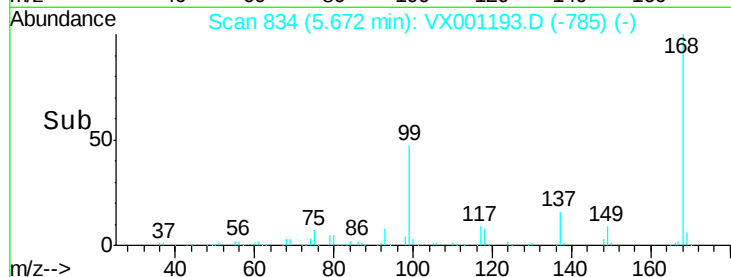
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 2.31 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001193.D

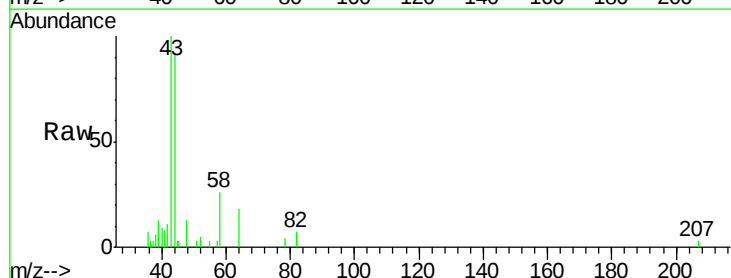
Acq: 28 Apr 2018 01:51

Tgt Ion: 43 Resp: 3024

Ion Ratio Lower Upper

43 100

58 27.3 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2000

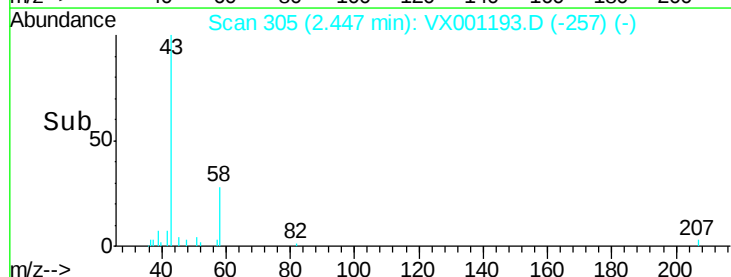
1500

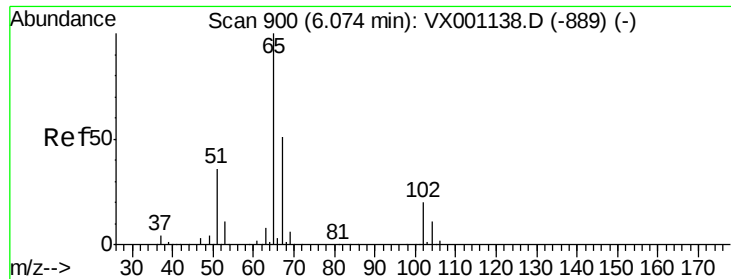
1000

500

0

Time--> 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 48.91 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001193.D

Acq: 28 Apr 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

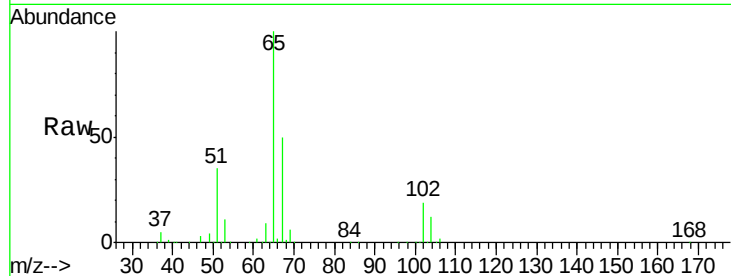
Z1TB09-180417

Tot Ion: 65 Resp: 155389

Ion Ratio Lower Upper

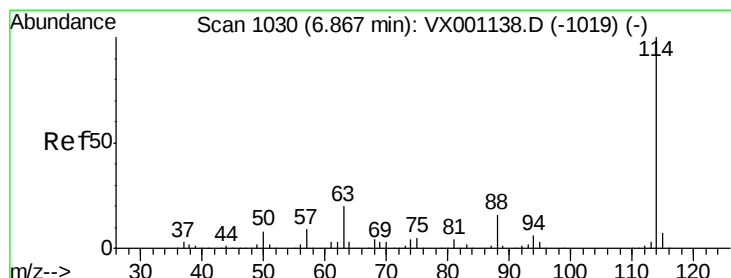
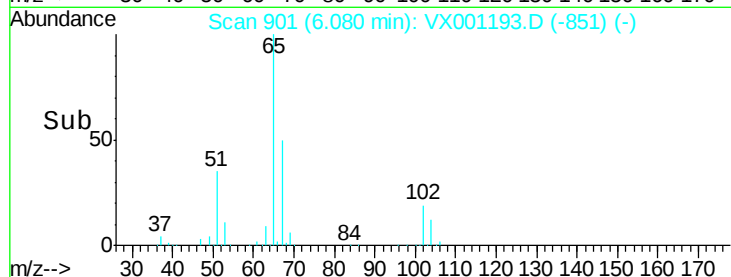
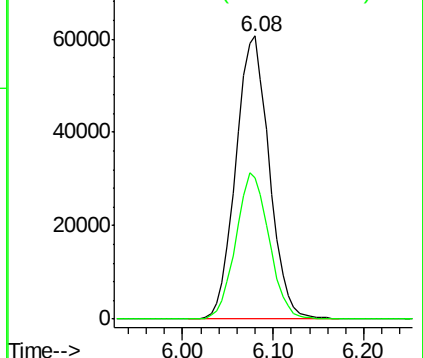
65 100

67 51.2 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001193.D

Acq: 28 Apr 2018 01:51

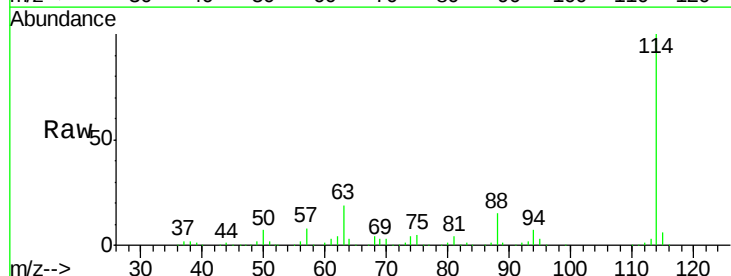
Tgt Ion: 114 Resp: 277084

Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.4

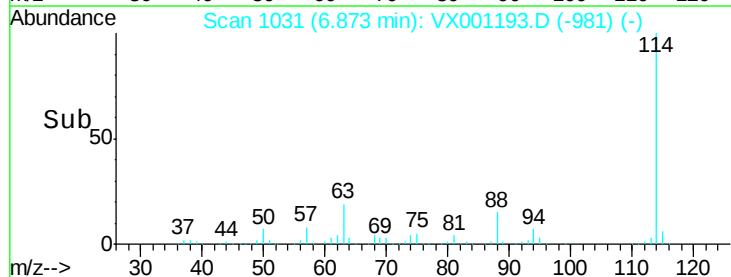
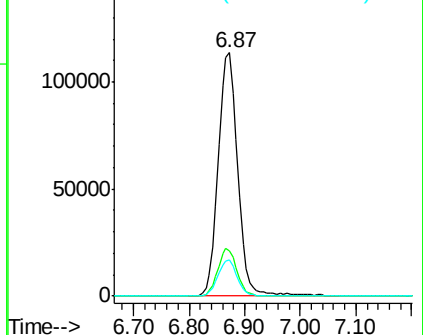
88 14.9 0.0 31.8

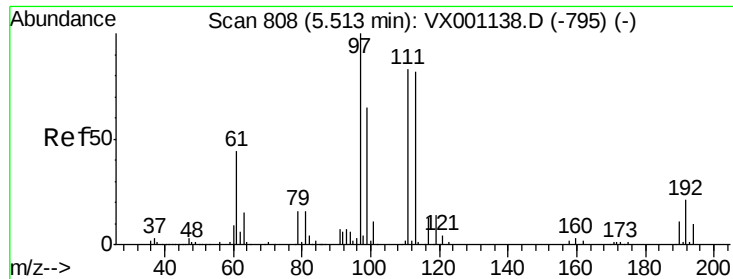


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

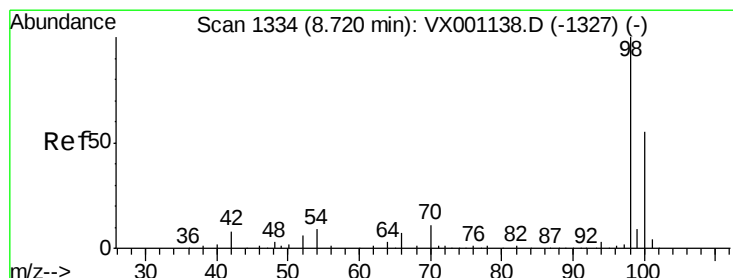
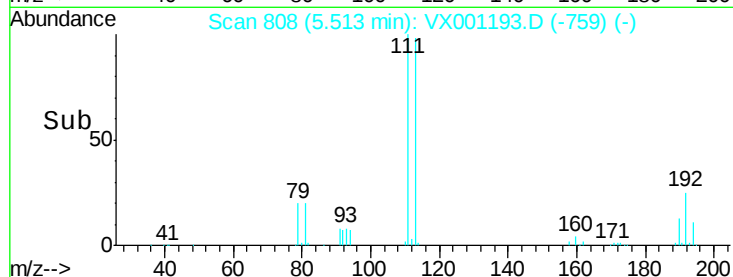
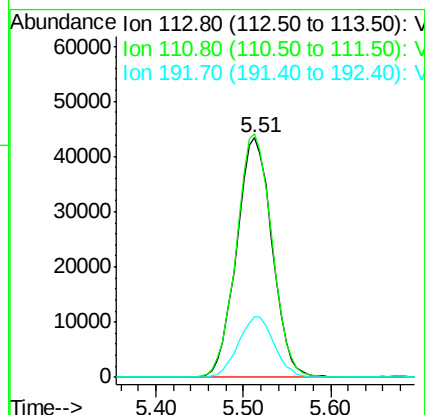
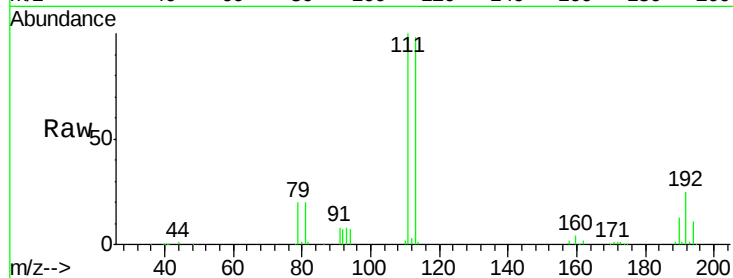




#35
 Dibromofluoromethane
 Concen: 53.42 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001193.D
 Acq: 28 Apr 2018 01:51

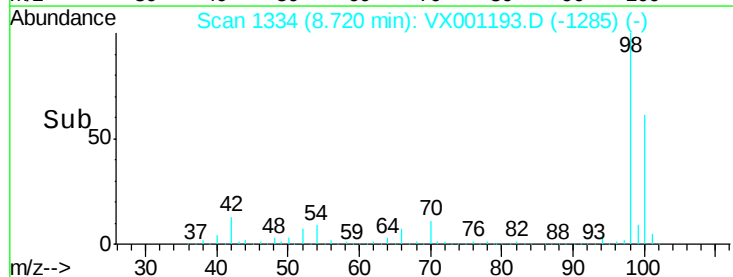
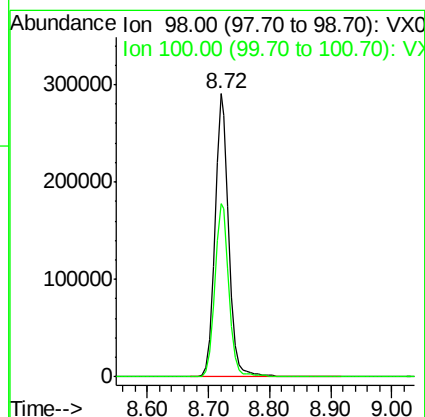
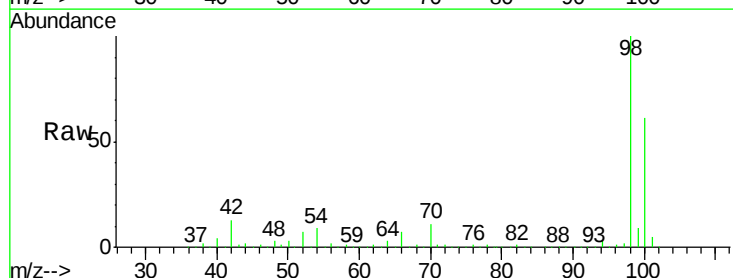
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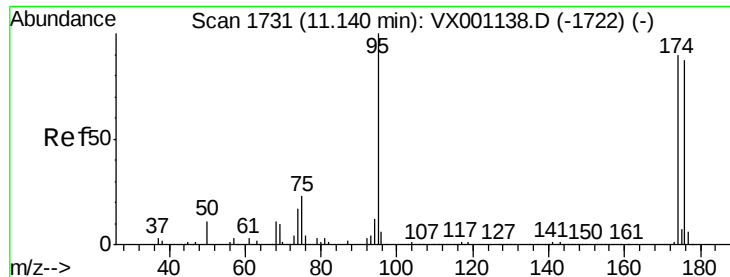
Tot Ion:113 Resp: 122507
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.4
 192 25.6 20.6 30.8



#50
 Toluene-d8
 Concen: 54.09 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001193.D
 Acq: 28 Apr 2018 01:51

Tgt Ion: 98 Resp: 468174
 Ion Ratio Lower Upper
 98 100
 100 63.0 51.8 77.6

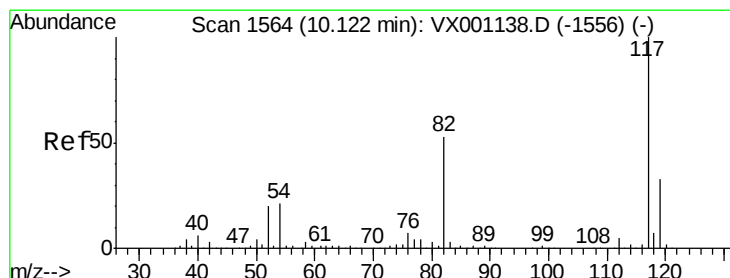
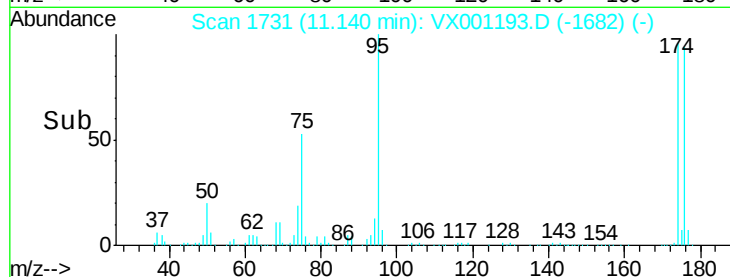
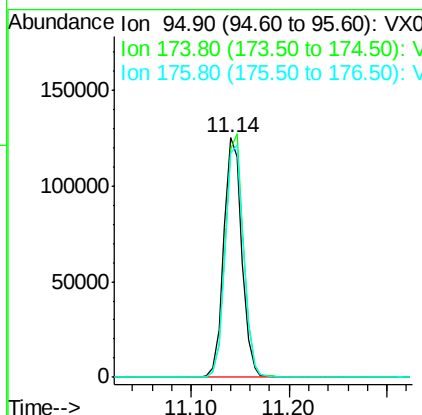
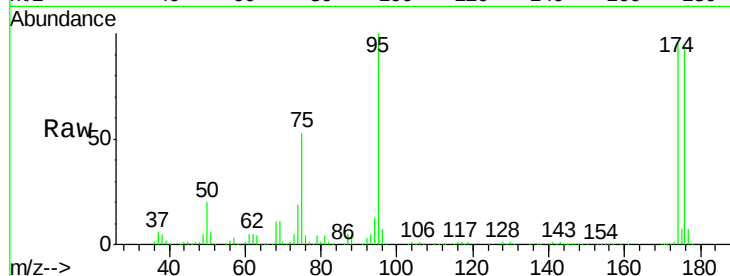




#62
4-Bromofluorobenzene
Concen: 47.34 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001193.D
Acq: 28 Apr 2018 01:51

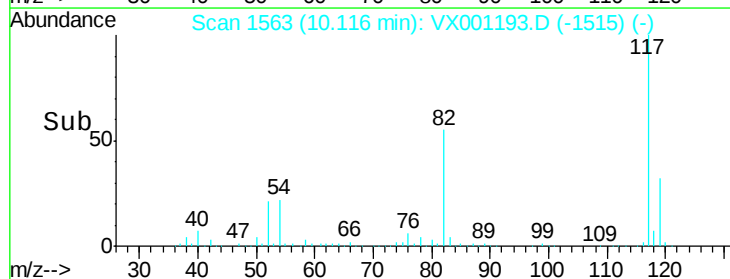
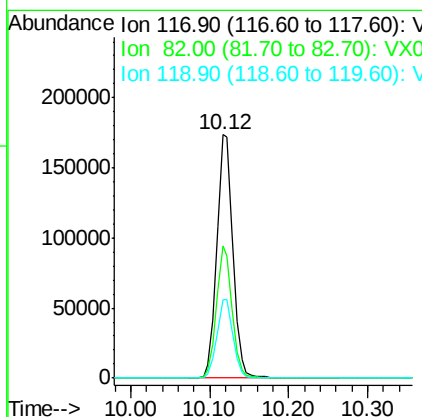
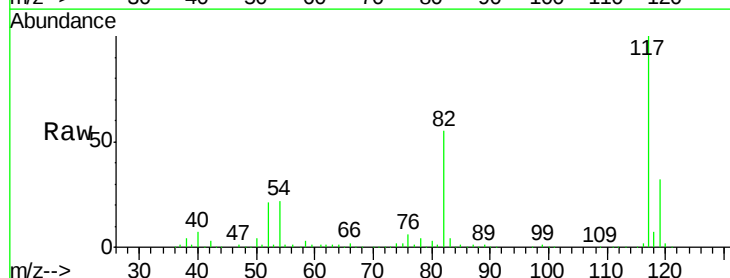
Instrument :
MSVOA_X
ClientSampleId :
Z1TB09-180417

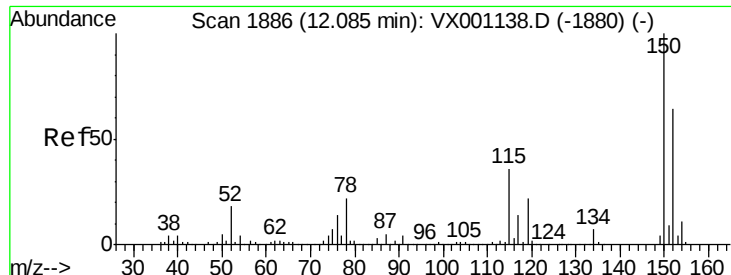
Tot Ion: 95 Resp: 160069
Ion Ratio Lower Upper
95 100
174 102.0 0.0 194.4
176 99.2 0.0 190.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001193.D
Acq: 28 Apr 2018 01:51

Tgt Ion: 117 Resp: 247886
Ion Ratio Lower Upper
117 100
82 54.6 42.1 63.1
119 32.0 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: VX001193.D

Acq: 28 Apr 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

Z1TB09-180417

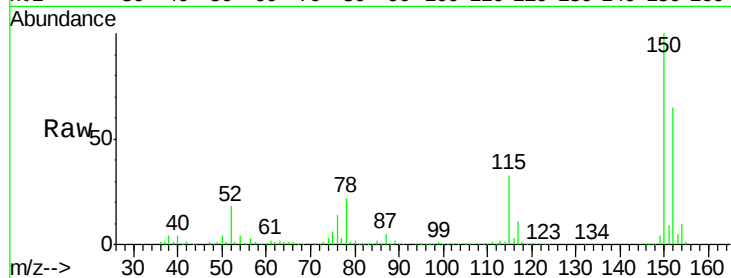
Tot Ion:152 Resp: 145008

Ion Ratio Lower Upper

152 100

115 53.4 38.0 114.0

150 155.8 0.0 349.6



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

