

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050818\
 Data File : VX001539.D
 Acq On : 09 May 2018 03:21
 Operator : JC/MD
 Sample : J2676-08 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-050718-D

Quant Time: May 09 08:01:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

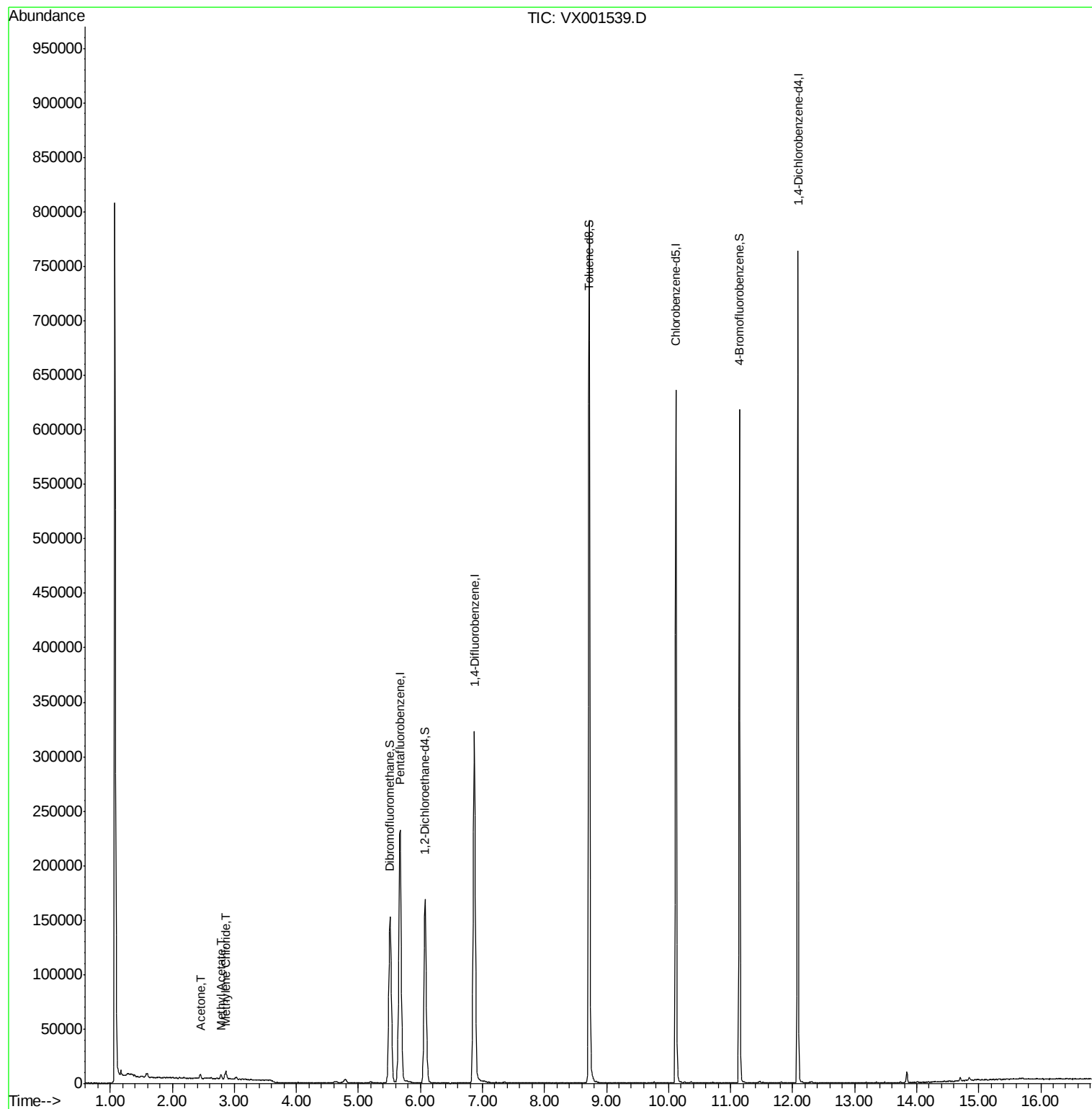
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	334088	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	296001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	163290	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	163917	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.26%	
35) Dibromofluoromethane	5.51	113	127091	42.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.54%	
50) Toluene-d8	8.72	98	462669	42.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.30%	
62) 4-Bromofluorobenzene	11.14	95	152268	36.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.14%	
Target Compounds						
16) Acetone	2.45	43	4433	2.78	ug/l	98
18) Methyl Acetate	2.78	43	4213	1.00	ug/l #	90
20) Methylene Chloride	2.86	84	3469	1.10	ug/l	97

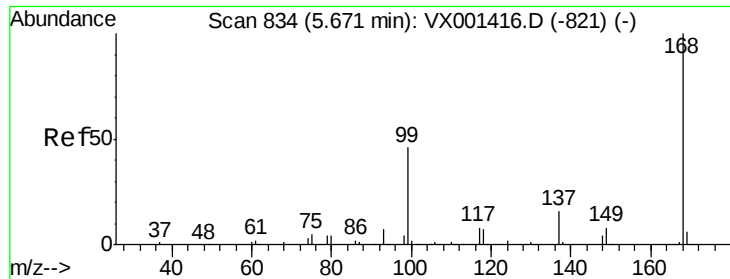
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

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MSVOA_X

ClientSampleId :

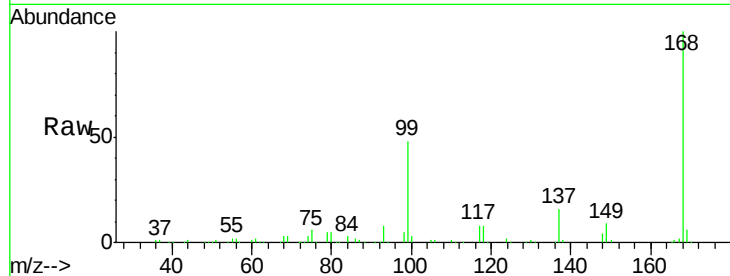
CL-01-050718-D

Tot Ion:168 Resp: 244565

Ion Ratio Lower Upper

168 100

99 47.7 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

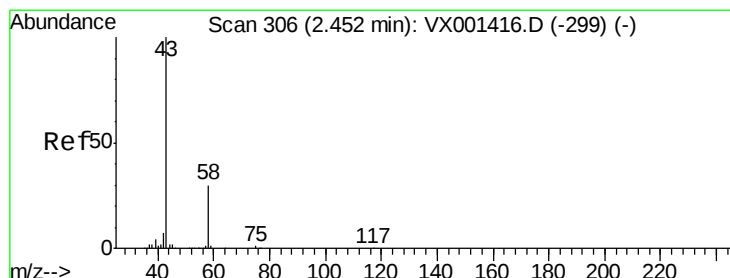
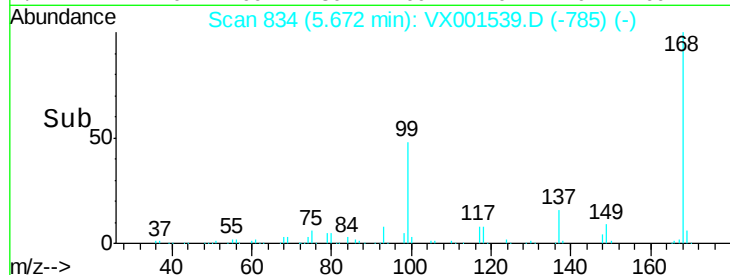
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.78 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001539.D

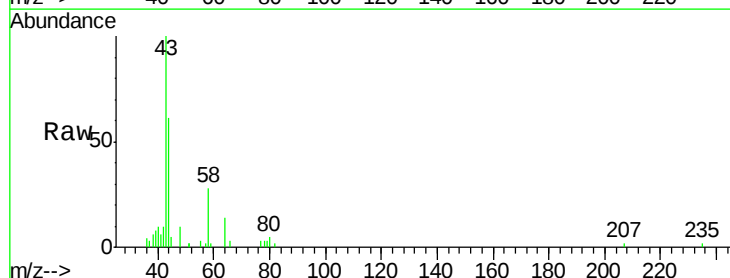
Acq: 09 May 2018 03:21

Tgt Ion: 43 Resp: 4433

Ion Ratio Lower Upper

43 100

58 28.8 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

3000

2500

2000

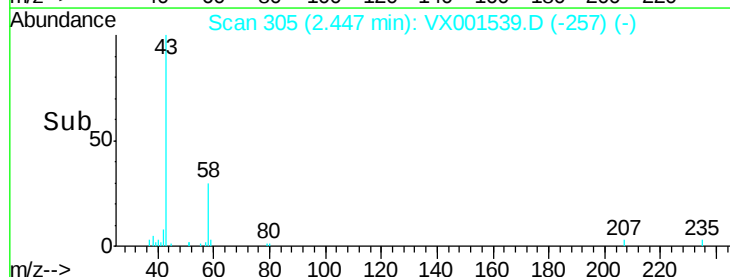
1500

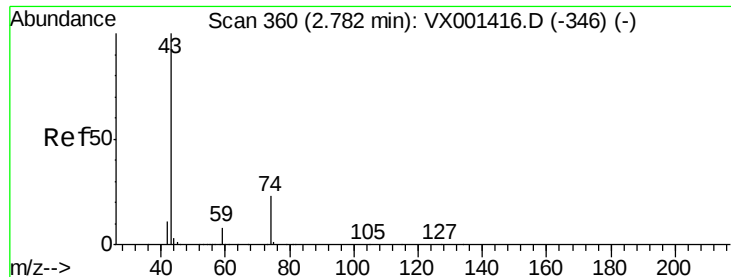
1000

500

0

Time--> 2.35 2.40 2.45 2.50

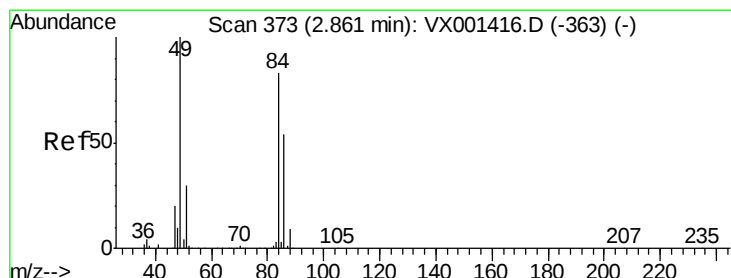
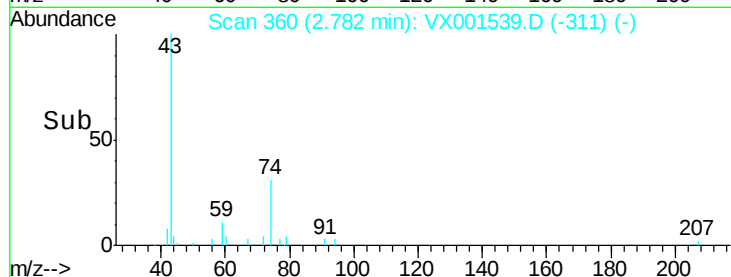
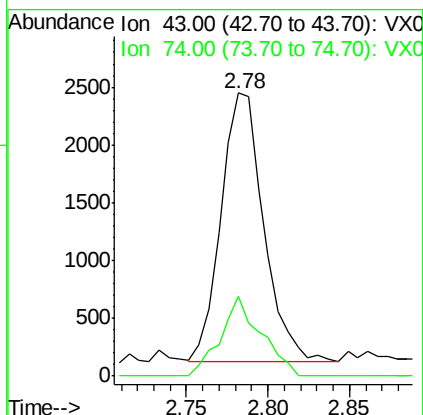
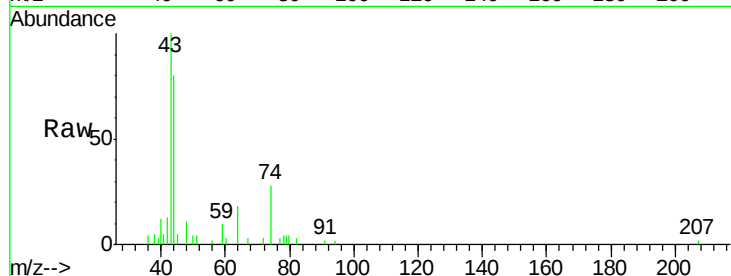




#18
Methvl Acetate
Concen: 1.00 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001539.D
Acq: 09 May 2018 03:21

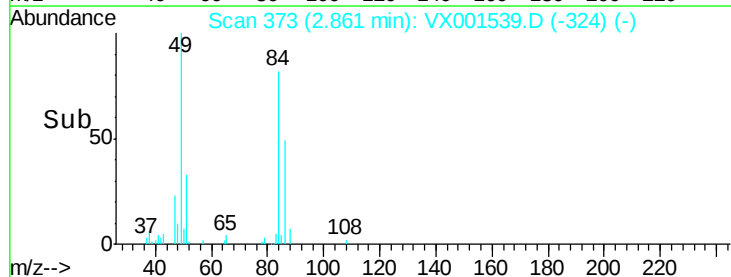
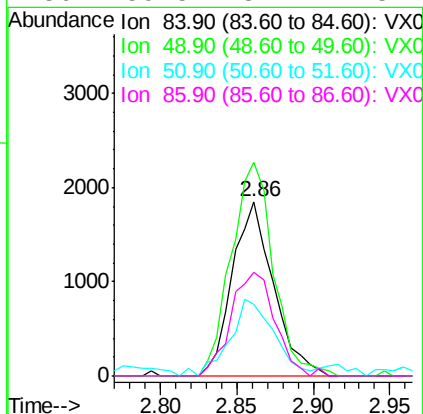
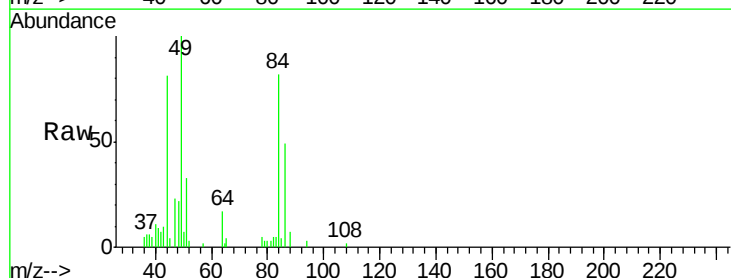
Instrument :
MSVOA_X
ClientSampleId :
CL-01-050718-D

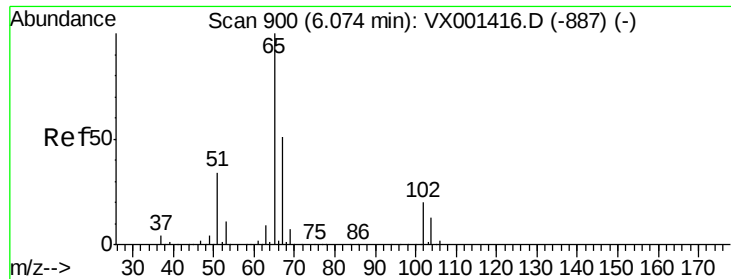
Tot Ion: 43 Resp: 4213
Ion Ratio Lower Upper
43 100
74 28.1 18.6 27.8#



#20
Methylene Chloride
Concen: 1.10 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001539.D
Acq: 09 May 2018 03:21

Tgt Ion: 84 Resp: 3469
Ion Ratio Lower Upper
84 100
49 122.5 96.6 144.8
51 36.3 29.0 43.4
86 59.5 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 46.63 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001539.D

Acq: 09 May 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

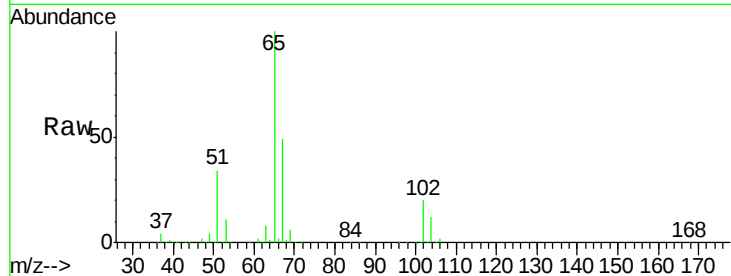
CL-01-050718-D

Tot Ion: 65 Resp: 163917

Ion Ratio Lower Upper

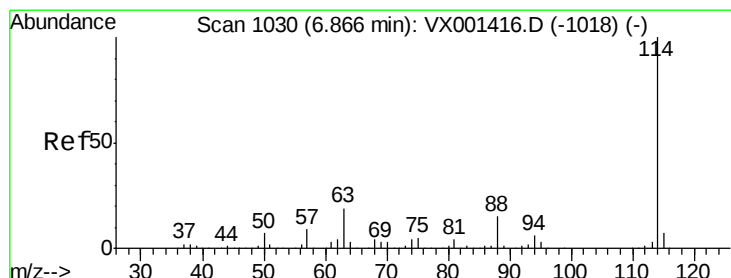
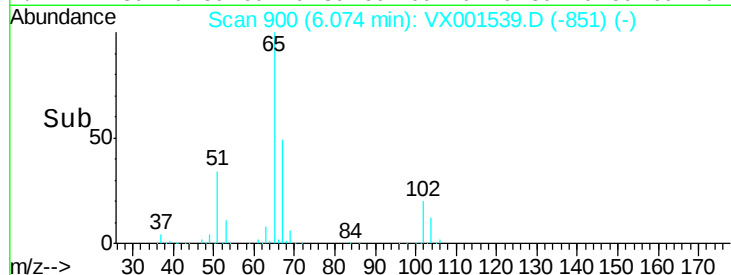
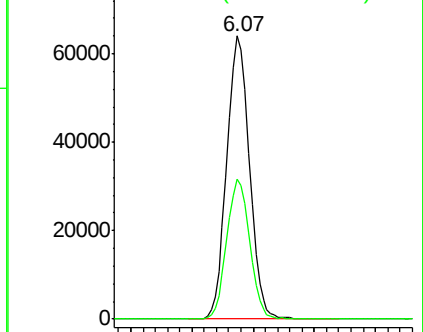
65 100

67 50.1 0.0 101.8



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# 1030

Delta R.T. 0.00 min

Lab File: VX001539.D

Acq: 09 May 2018 03:21

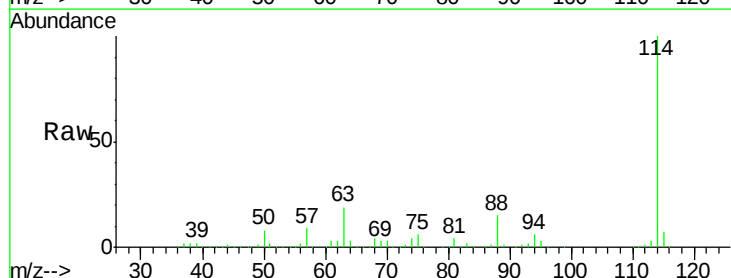
Tgt Ion: 114 Resp: 334088

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

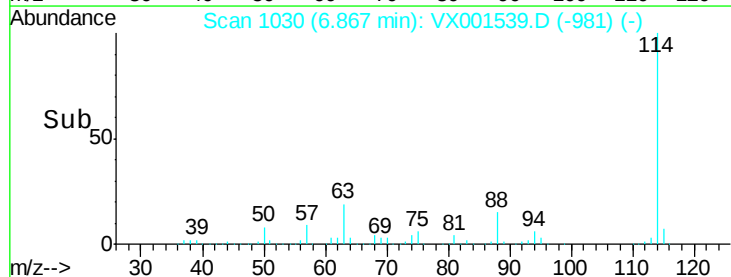
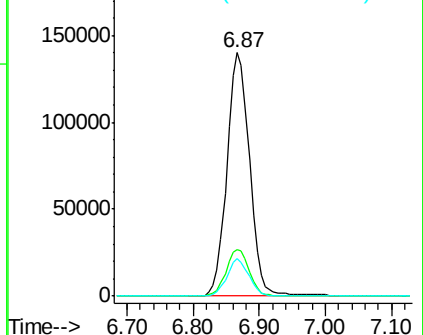
88 15.2 0.0 30.8

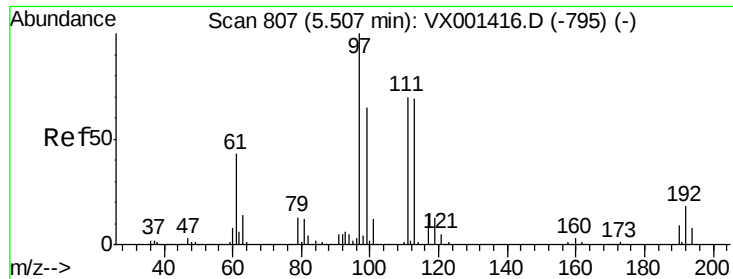


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 42.77 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001539.D

Acq: 09 May 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

CL-01-050718-D

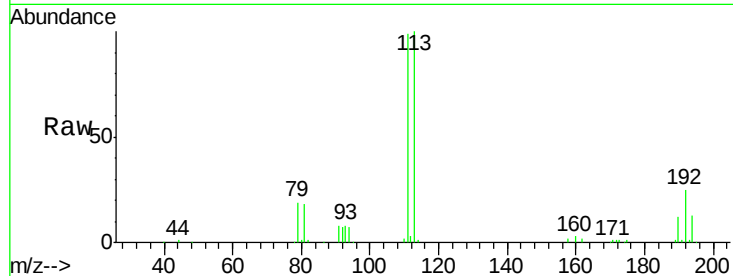
Tot Ion:113 Resp: 127091

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

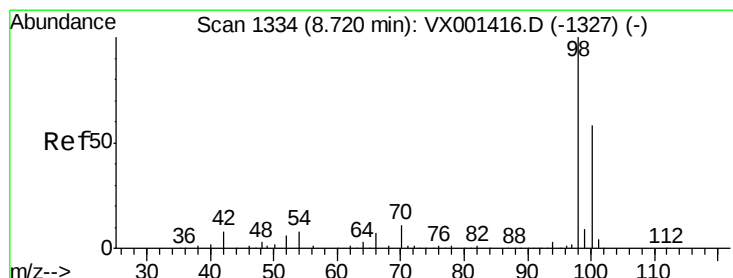
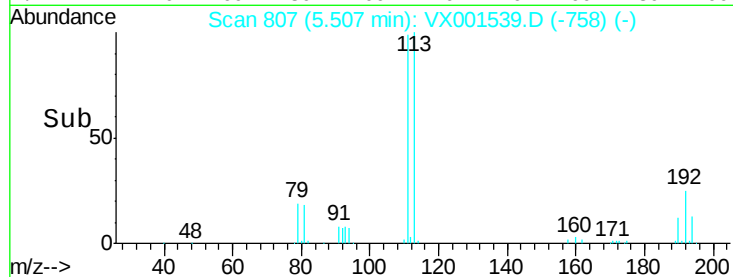
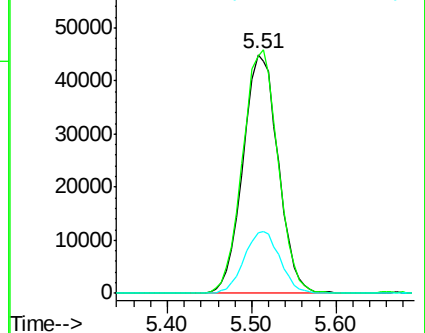
192 26.4 21.4 32.0



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: 42.65 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001539.D

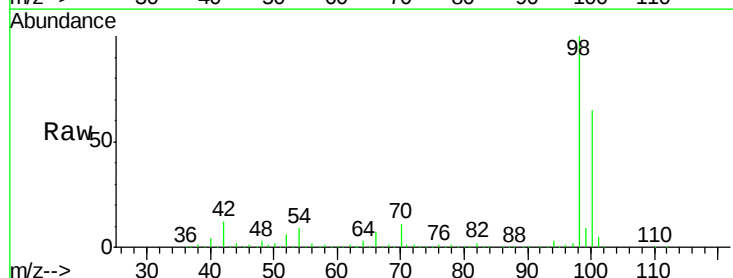
Acq: 09 May 2018 03:21

Tgt Ion: 98 Resp: 462669

Ion Ratio Lower Upper

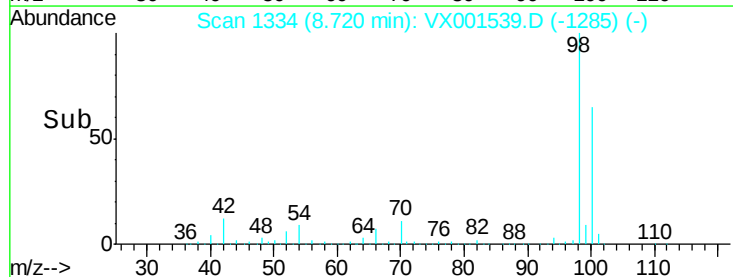
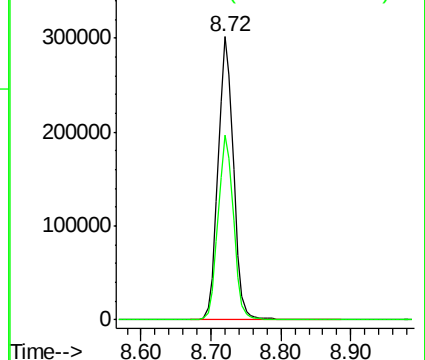
98 100

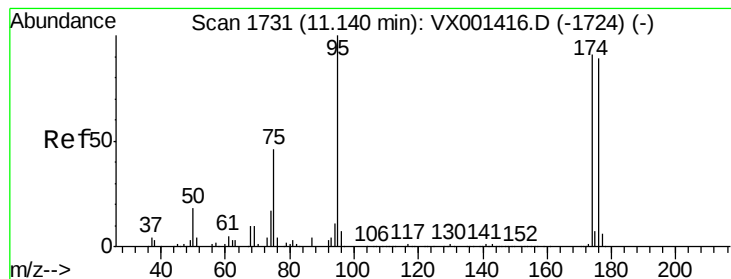
100 65.4 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX





#62

4-Bromofluorobenzene

Concen: 36.57 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001539.D

Acq: 09 May 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

CL-01-050718-D

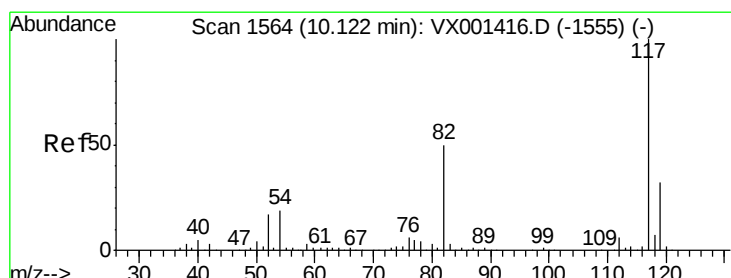
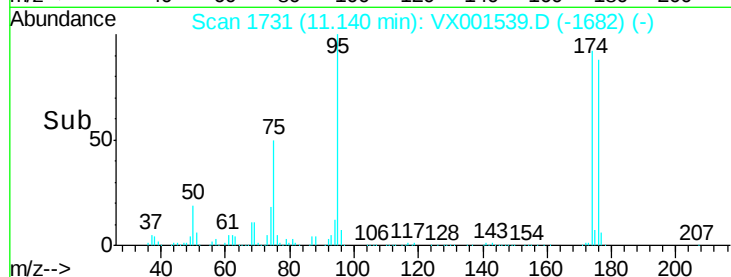
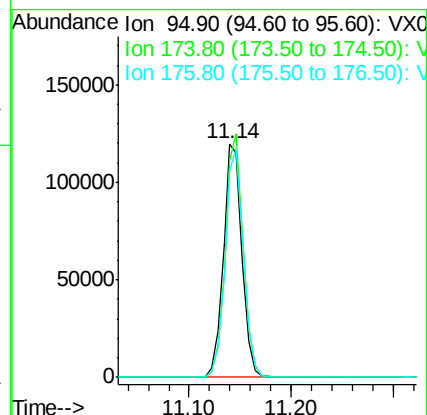
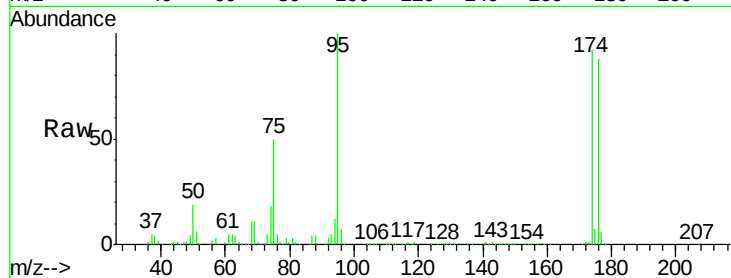
Tot Ion: 95 Resp: 152268

Ion Ratio Lower Upper

95 100

174 100.3 0.0 202.0

176 96.0 0.0 197.4



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001539.D

Acq: 09 May 2018 03:21

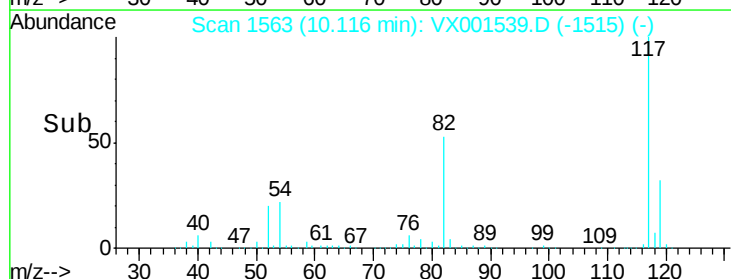
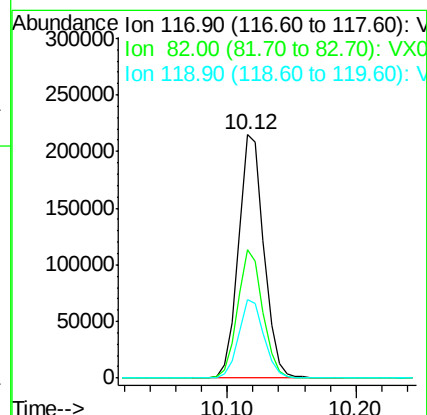
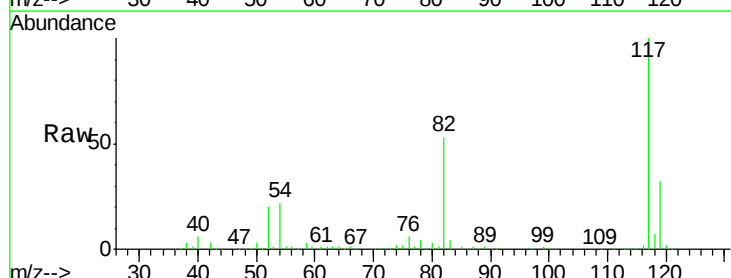
Tgt Ion: 117 Resp: 296001

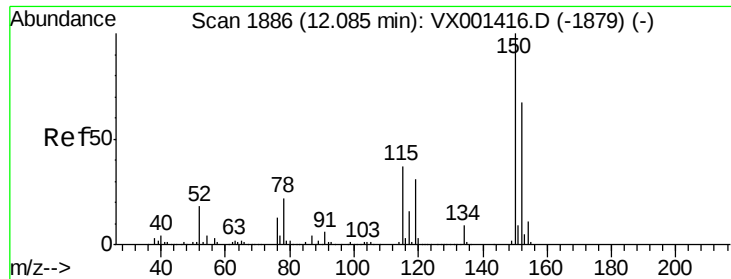
Ion Ratio Lower Upper

117 100

82 52.8 40.0 60.0

119 32.1 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001539.D

Acq: 09 May 2018 03:21

Instrument :

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ClientSampleId :

CL-01-050718-D

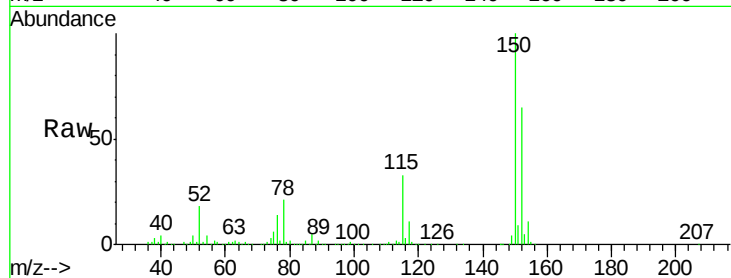
Tot Ion:152 Resp: 163290

Ion Ratio Lower Upper

152 100

115 51.9 37.7 113.1

150 155.1 0.0 349.4



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

