

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002821.D
 Acq On : 22 Jun 2018 06:39
 Operator : JC/MD
 Sample : J3622-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-D

Quant Time: Jun 22 08:27:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

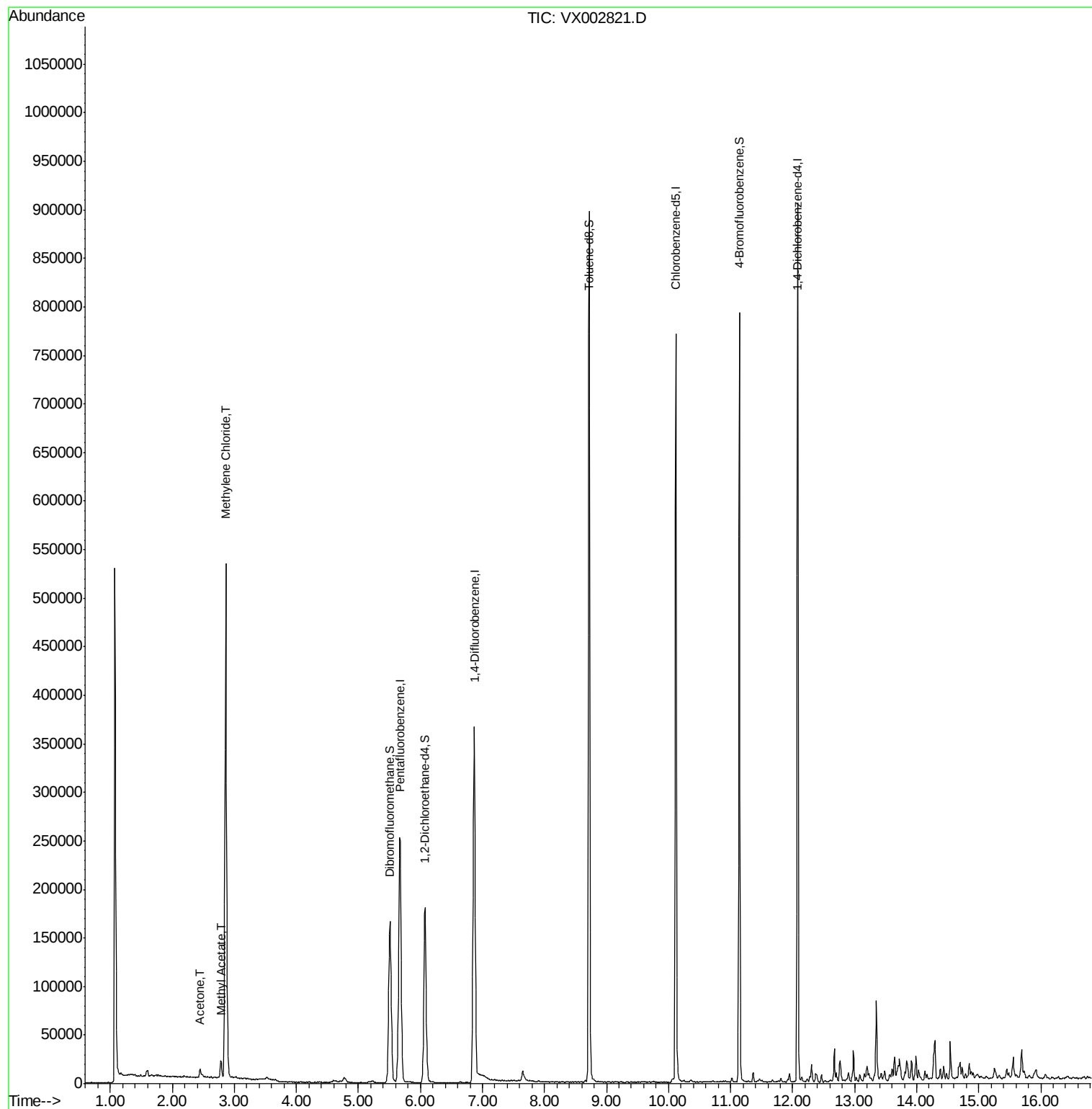
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	253634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	360888	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	193194	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	172585	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.56%	
35) Dibromofluoromethane	5.51	113	135576	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
50) Toluene-d8	8.72	98	508020	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.90%	
62) 4-Bromofluorobenzene	11.14	95	183932	44.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.76%	
Target Compounds						
16) Acetone	2.45	43	9614	5.65	ug/l	96
18) Methyl Acetate	2.78	43	21867	4.83	ug/l	96
20) Methylene Chloride	2.86	84	238171	68.31	ug/l	96

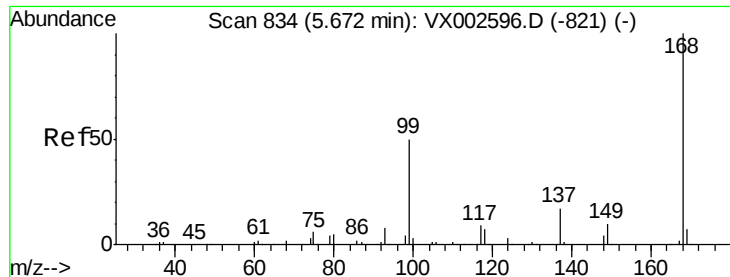
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX002821.D

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Instrument :

MSVOA_X

ClientSampleId :

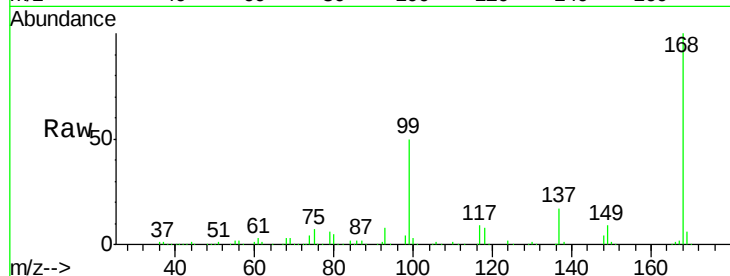
SP-D

Tot Ion:168 Resp: 253634

Ion Ratio Lower Upper

168 100

99 50.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

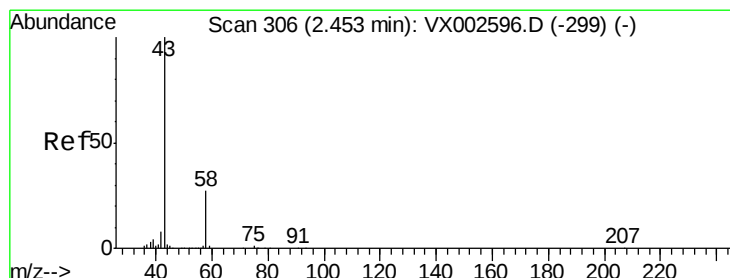
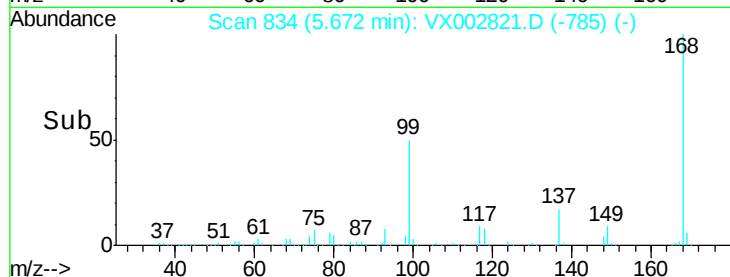
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.65 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002821.D

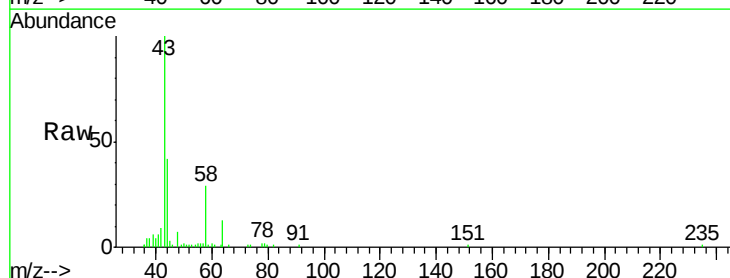
Acq: 22 Jun 2018 06:39

Tgt Ion: 43 Resp: 9614

Ion Ratio Lower Upper

43 100

58 29.6 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

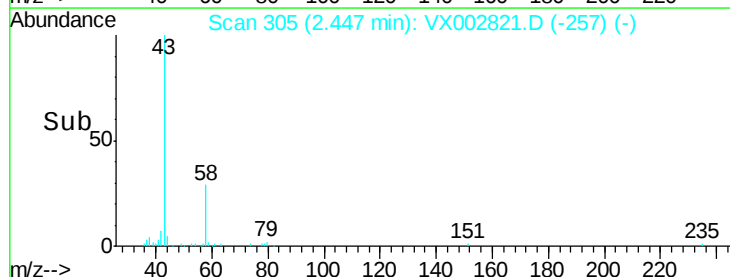
6000

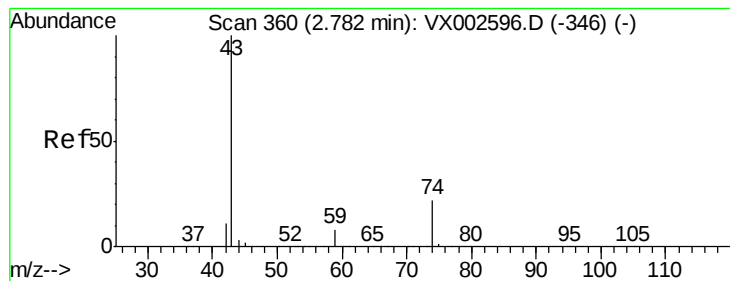
4000

2000

0

Time--> 2.35 2.40 2.45 2.50





#18

Methvl Acetate

Concen: 4.83 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

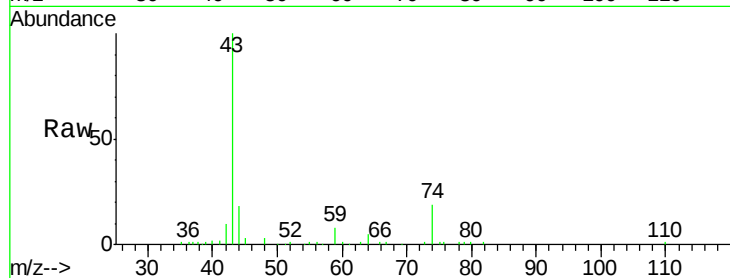
SP-D

Tot Ion: 43 Resp: 21867

Ion Ratio Lower Upper

43 100

74 22.7 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

15000

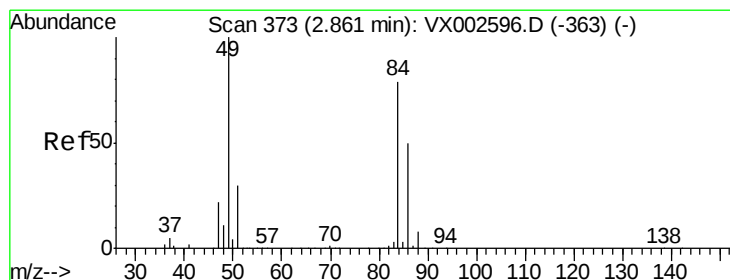
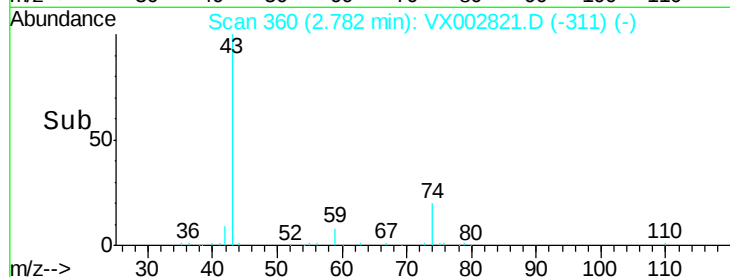
10000

5000

0

Time-->

2.70 2.75 2.80 2.85



#20

Methylene Chloride

Concen: 68.31 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

Tgt Ion: 84 Resp: 238171

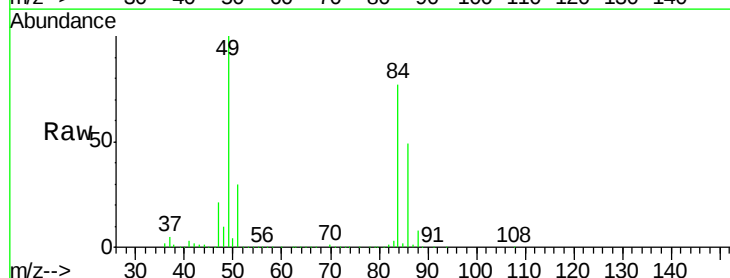
Ion Ratio Lower Upper

84 100

49 129.4 107.8 161.6

51 38.7 32.8 49.2

86 64.0 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

250000

200000

150000

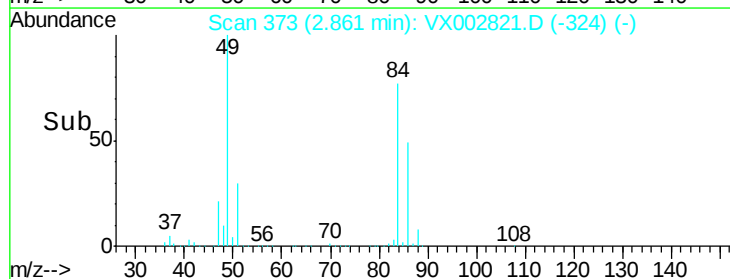
100000

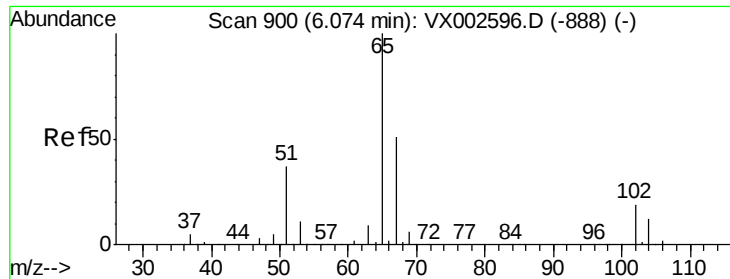
50000

0

Time-->

2.80 2.90





#33

1,2-Dichloroethane-d4

Concen: 44.78 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

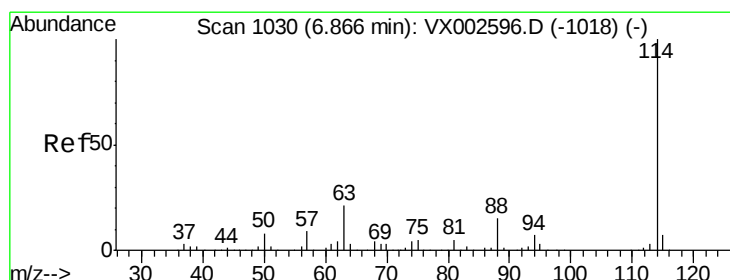
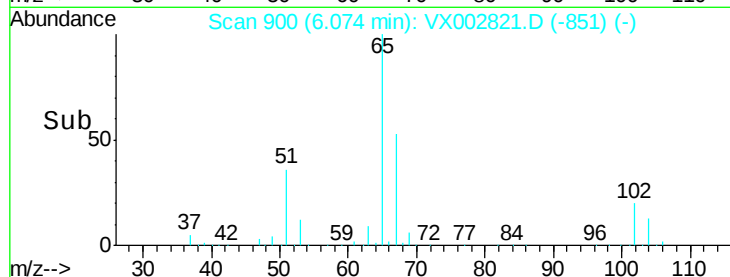
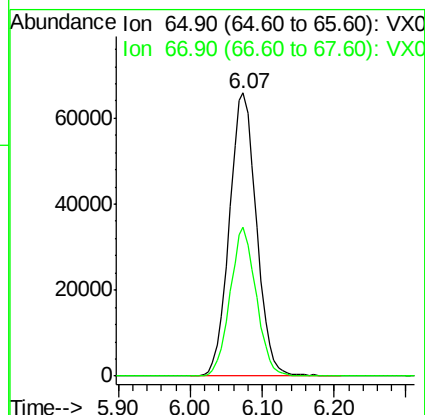
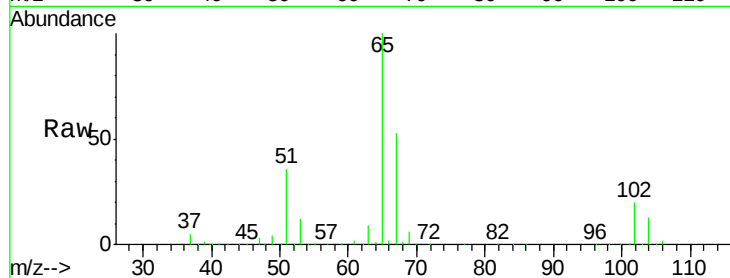
SP-D

Tot Ion: 65 Resp: 172585

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

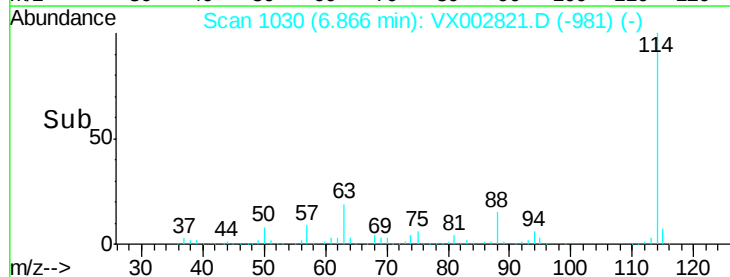
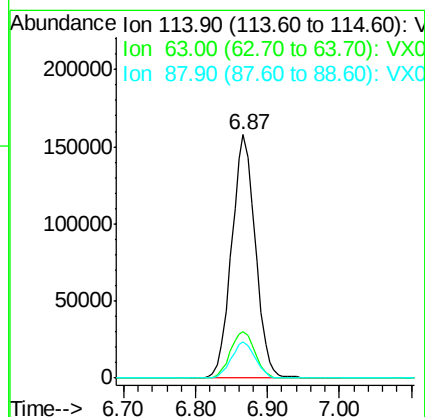
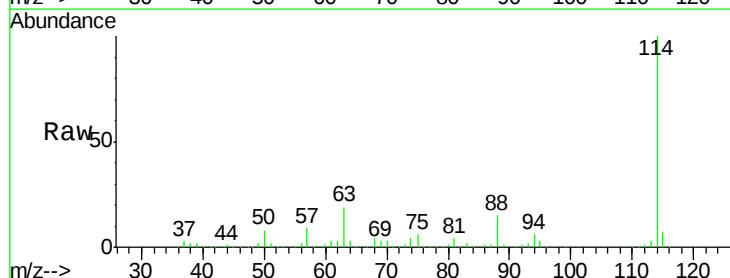
Tgt Ion: 114 Resp: 360888

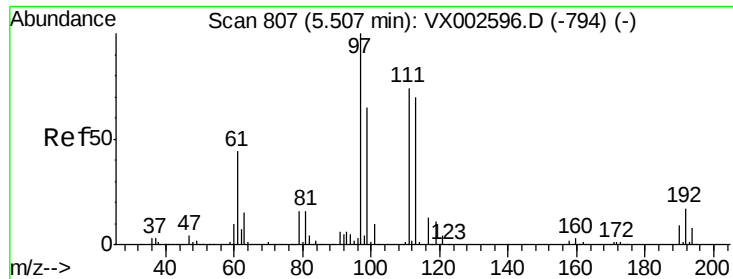
Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.4

88 15.0 0.0 30.0

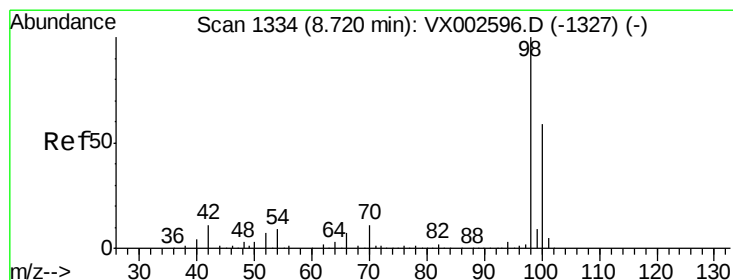
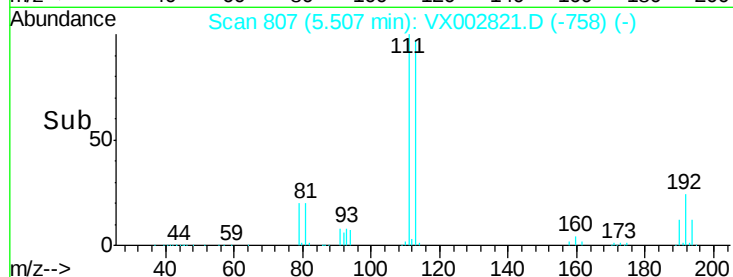
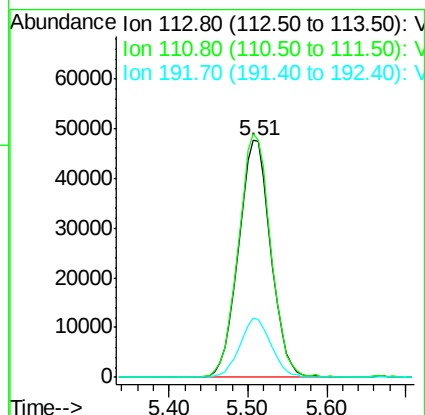
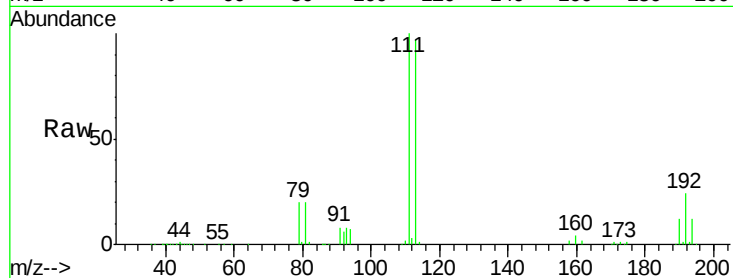




#35
 Dibromofluoromethane
 Concen: 47.07 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002821.D
 Acq: 22 Jun 2018 06:39

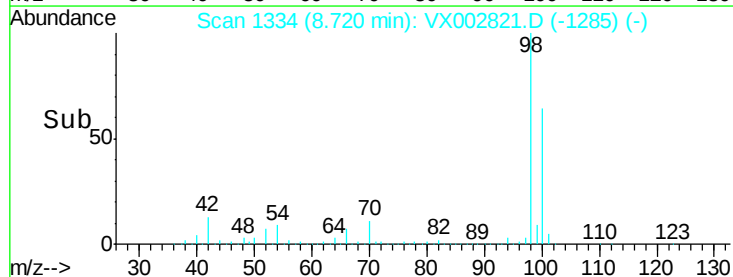
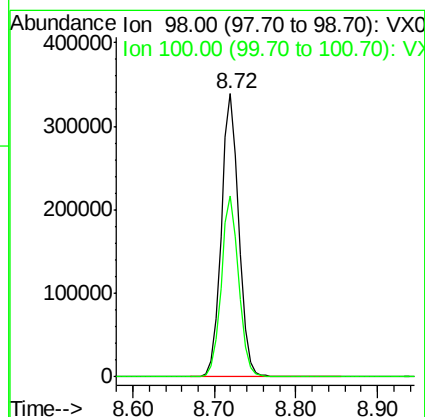
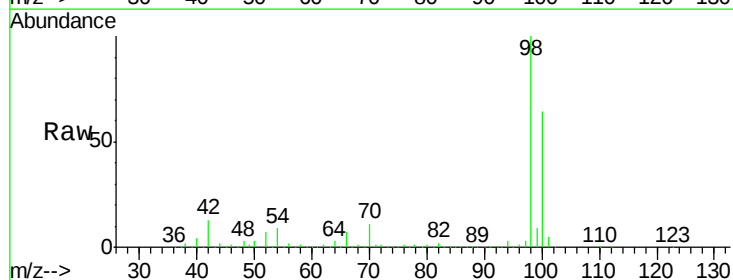
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-D

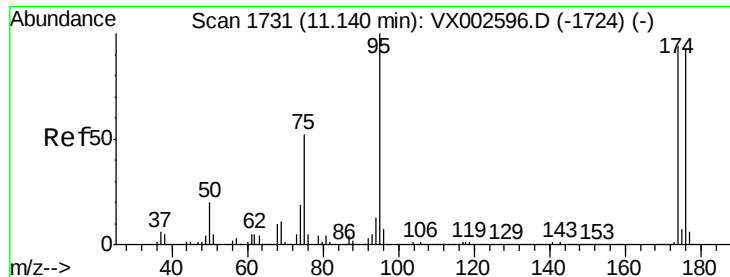
Tot Ion:113 Resp: 135576
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.4 122.0
 192 24.3 19.1 28.7



#50
 Toluene-d8
 Concen: 46.45 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002821.D
 Acq: 22 Jun 2018 06:39

Tgt Ion: 98 Resp: 508020
 Ion Ratio Lower Upper
 98 100
 100 63.8 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 44.38 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

Instrument :

MSVOA_X

ClientSampled :

SP-D

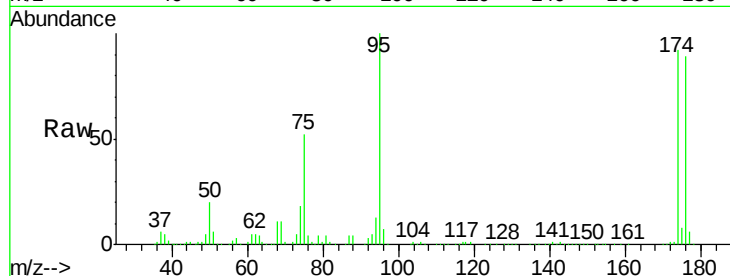
Tot Ion: 95 Resp: 183932

Ion Ratio Lower Upper

95 100

174 95.0 0.0 187.4

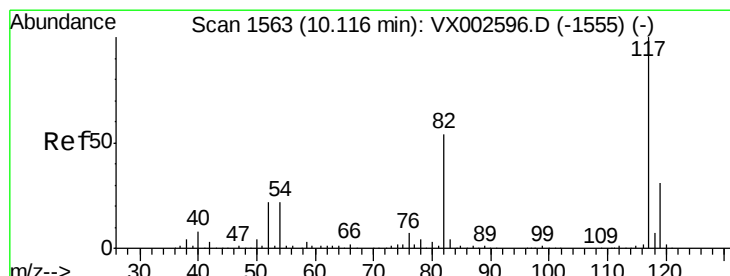
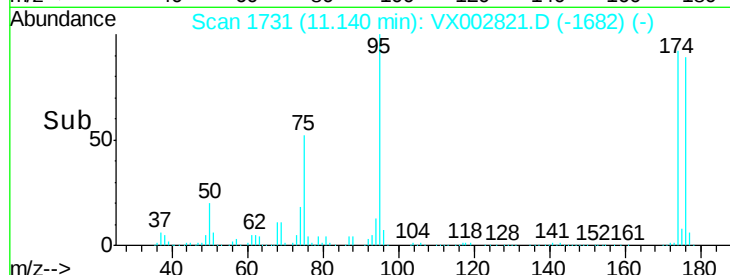
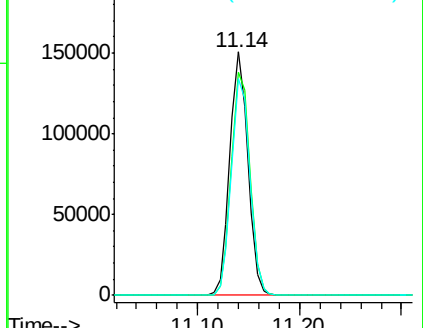
176 91.4 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002821.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX002821.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX002821.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

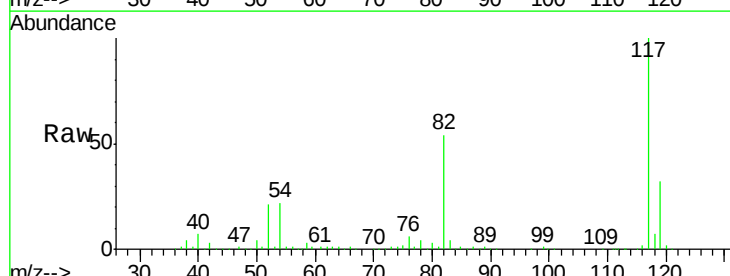
Tgt Ion: 117 Resp: 333426

Ion Ratio Lower Upper

117 100

82 53.9 45.0 67.4

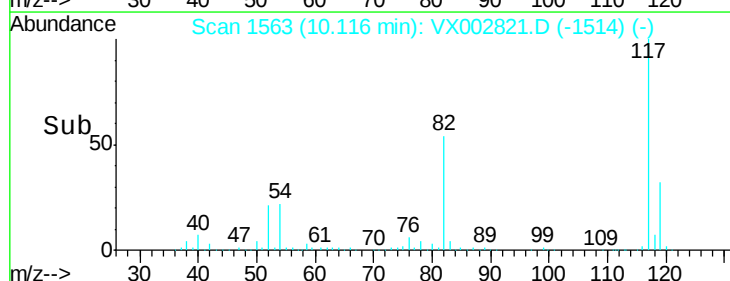
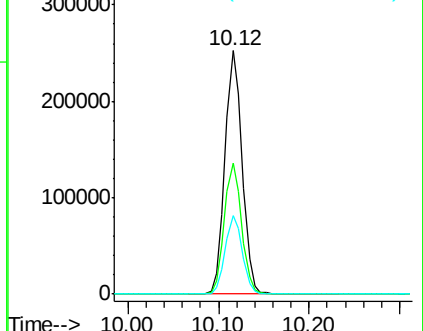
119 32.2 25.8 38.6

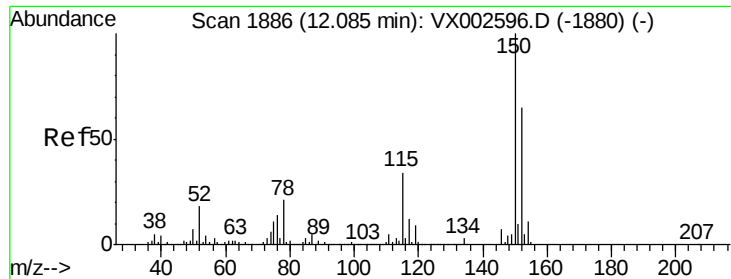


Abundance Ion 116.90 (116.60 to 117.60): VX002821.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX002821.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX002821.D (-1514) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

SP-D

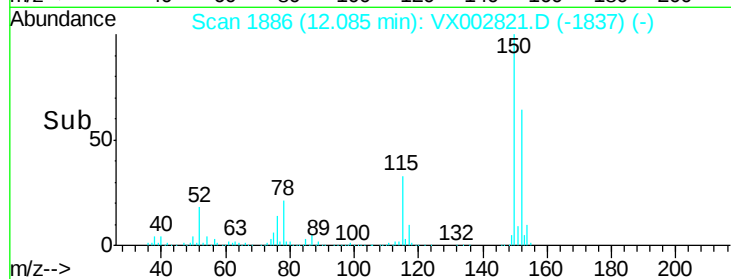
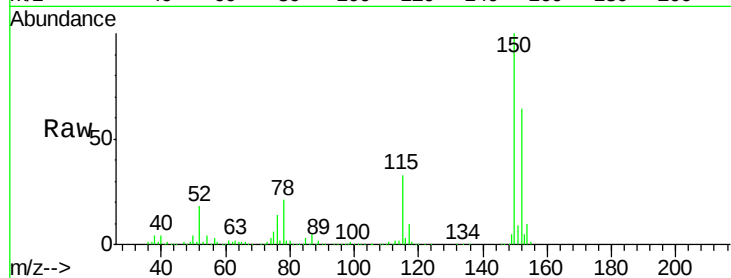
Tot Ion:152 Resp: 193194

Ion Ratio Lower Upper

152 100

115 54.4 40.1 120.2

150 155.7 0.0 347.2



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

