

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030918\
 Data File : VX000251.D
 Acq On : 09 Mar 2018 13:05
 Operator : JC/MD
 Sample : VX0309MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 09 15:36:22 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

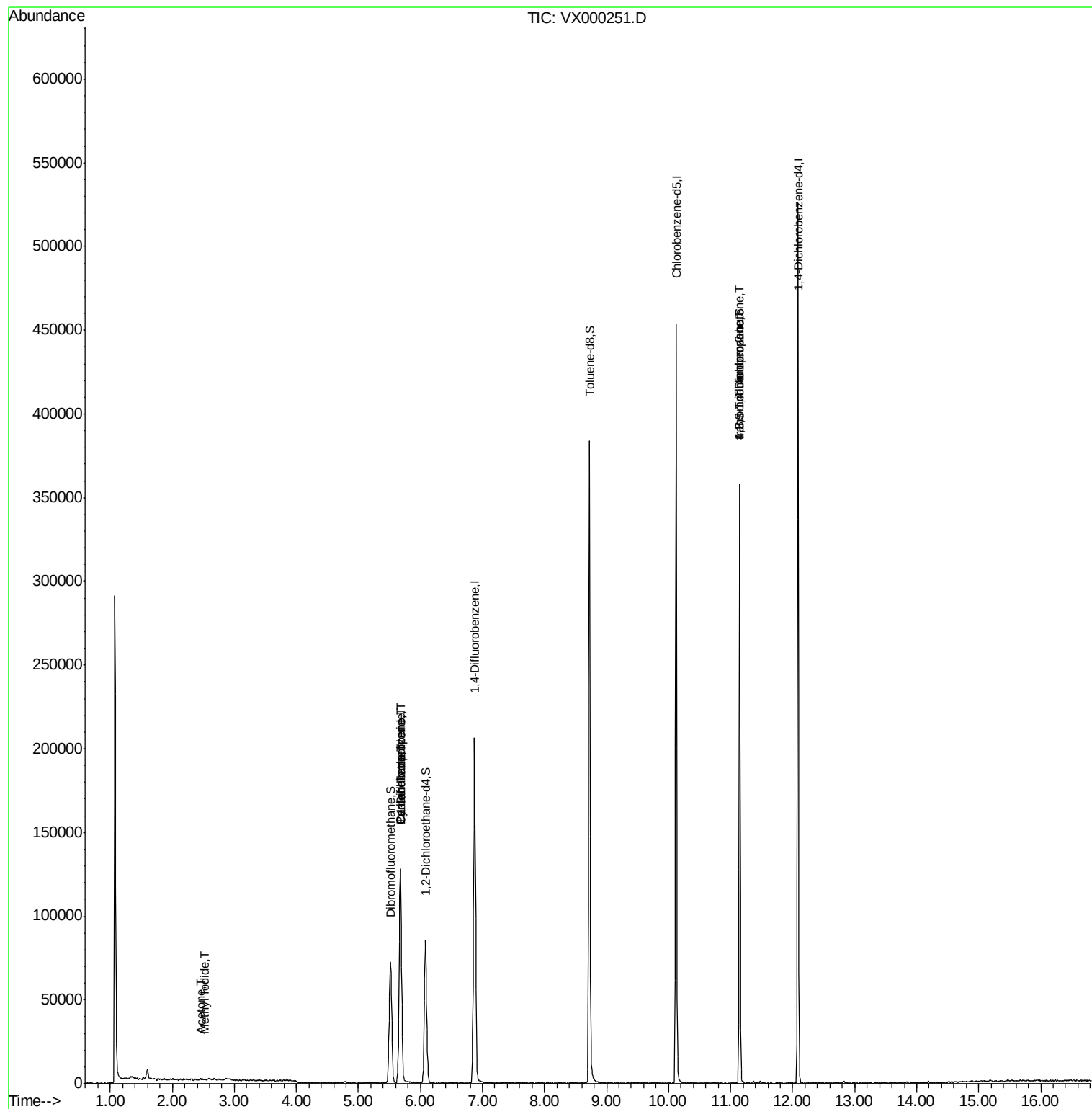
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	121067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	200443	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	191608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	99251	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	78068	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
35) Dibromofluoromethane	5.52	113	57755	45.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.74%	
50) Toluene-d8	8.73	98	228733	43.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.72%	
62) 4-Bromofluorobenzene	11.15	95	81044	39.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.64%	
Target Compounds						
5) Bromomethane	1.65	94	256	Below Cal		97
6) Chloroethane	1.74	64	43	Below Cal	#	42
10) Methyl Iodide	2.53	142	206	3.278	ug/l #	66
16) Acetone	2.45	43	569	0.472	ug/l #	89
31) Cyclohexane	5.68	56	2853	1.554	ug/l #	37
36) 1,1-Dichloropropene	5.68	75	9272	5.199	ug/l #	49
38) Carbon Tetrachloride	5.68	117	12137	6.724	ug/l #	16
76) 1,2,3-Trichloropropane	11.15	75	46638	23.442	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.15	75	46638	71.782	ug/l #	10

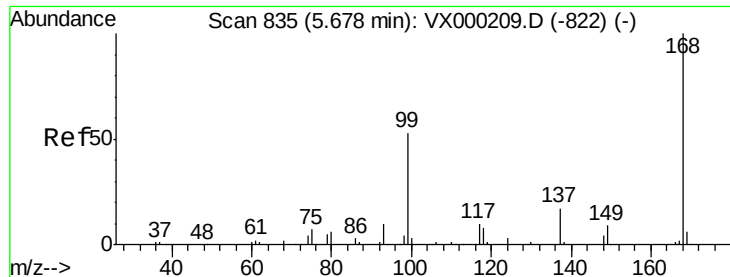
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030918\
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Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 09 15:36:22 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000251.D

Acq: 09 Mar 2018 13:05

Instrument :

MSVOA_X

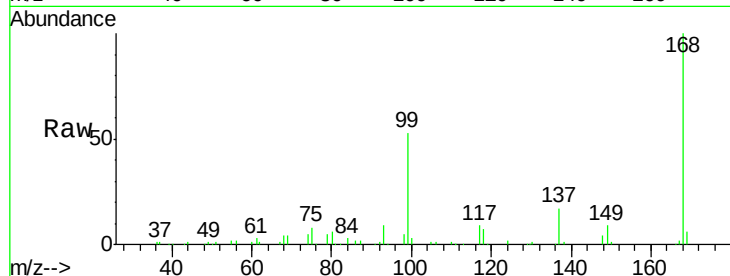
ClientSampled :

Tot Ion:168 Resp: 121067

Ion Ratio Lower Upper

168 100

99 52.8 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

20000

10000

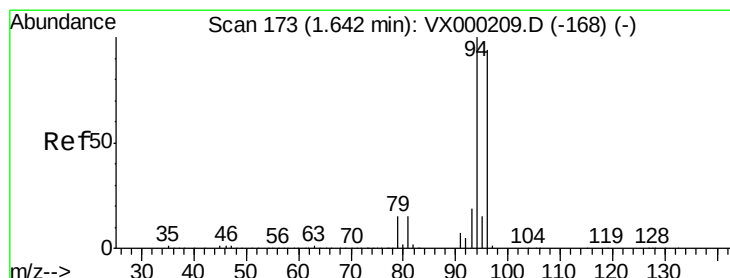
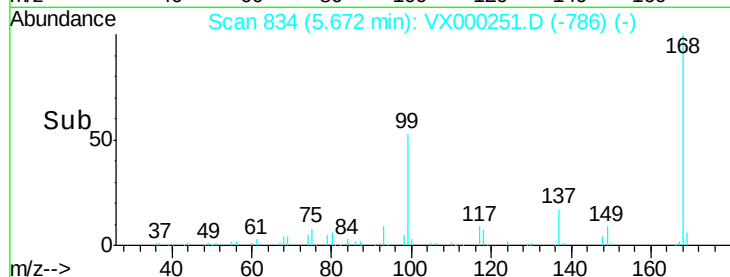
0

Time-->

5.60

5.70

5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.01 min

Lab File: VX000251.D

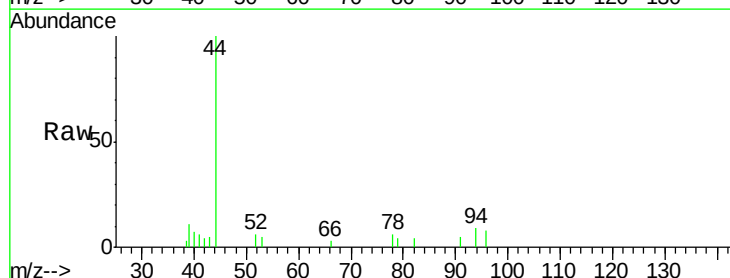
Acq: 09 Mar 2018 13:05

Tgt Ion: 94 Resp: 256

Ion Ratio Lower Upper

94 100

96 90.7 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

250

200

150

100

50

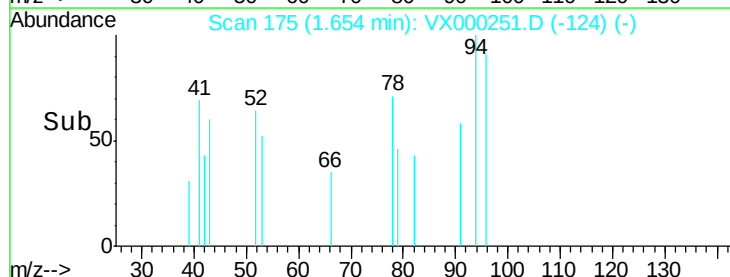
0

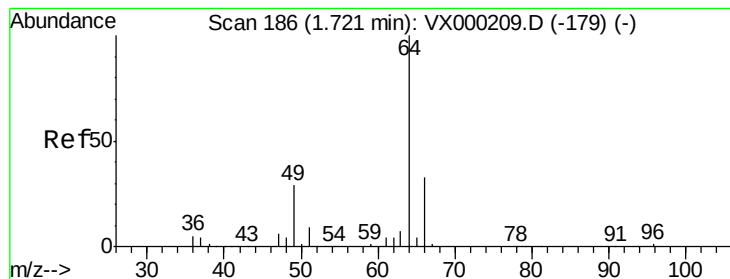
Time-->

1.60

1.65

1.70





#6

Chloroethane

Concen: Below Cal

RT: 1.74 min Scan# 189

Delta R.T. 0.02 min

Lab File: VX000251.D

Acq: 09 Mar 2018 13:05

Instrument :

MSVOA_X

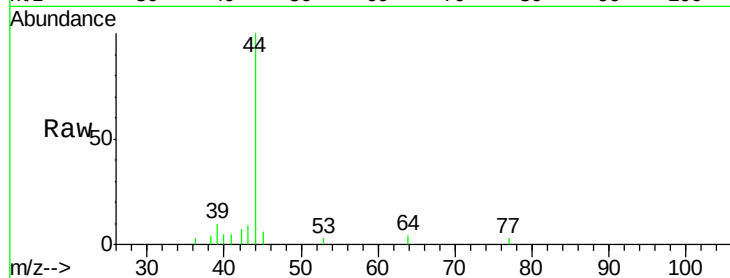
ClientSampled :

Tot Ion: 64 Resp: 43

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

120

100

80

60

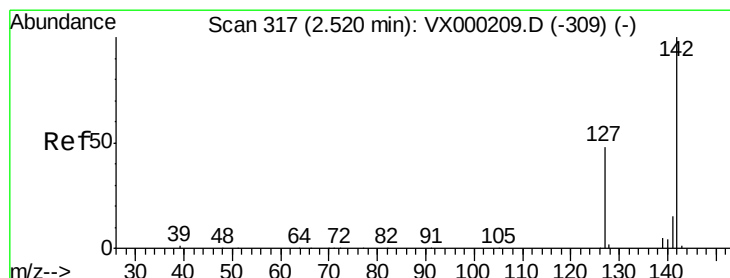
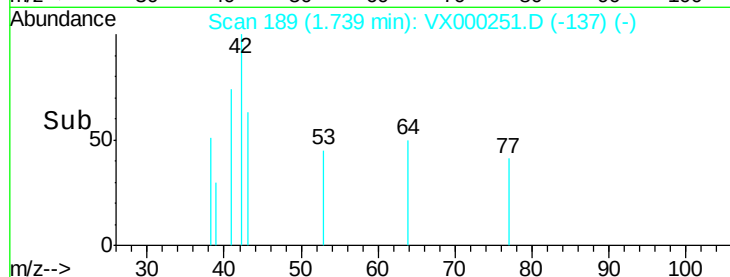
40

20

0

1.72 1.73 1.74 1.75 1.76

Time-->



#10

Methyl Iodide

Concen: 3.278 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX000251.D

Acq: 09 Mar 2018 13:05

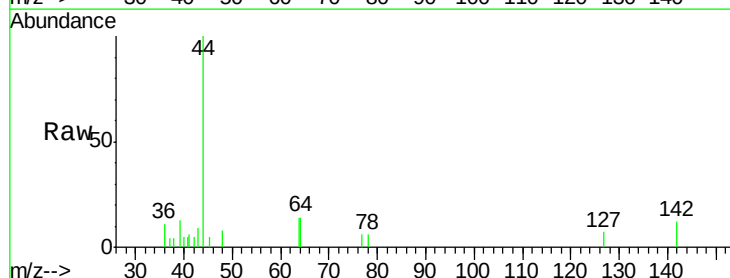
Tgt Ion: 142 Resp: 206

Ion Ratio Lower Upper

142 100

127 26.2 39.0 58.6#

141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

200

150

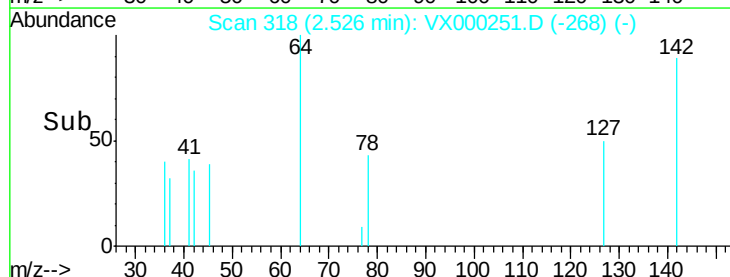
100

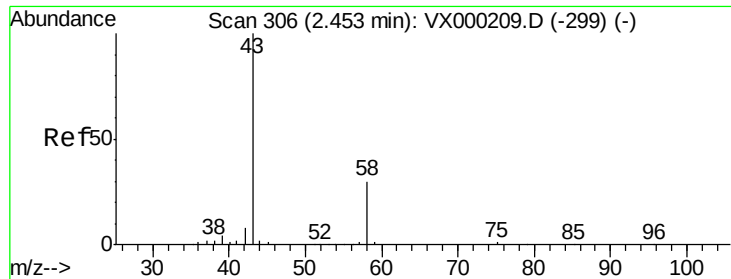
50

0

2.48 2.50 2.52 2.54 2.56

Time-->





#16

Acetone

Concen: 0.472 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000251.D

Acq: 09 Mar 2018 13:05

Instrument :

MSVOA_X

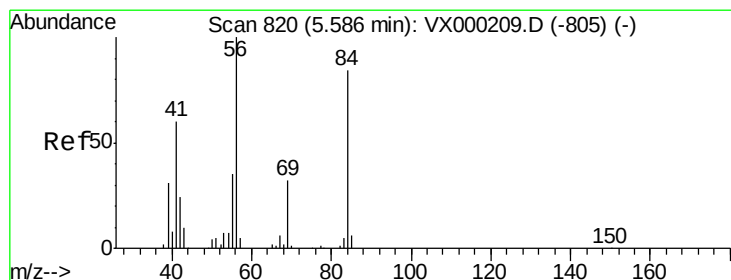
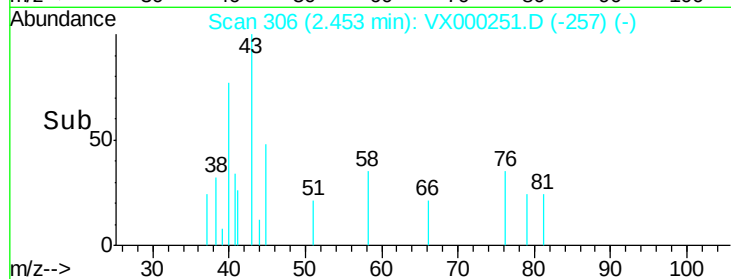
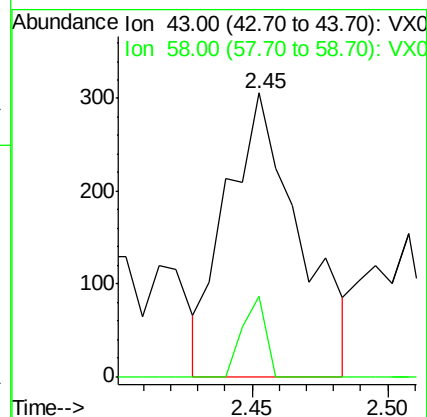
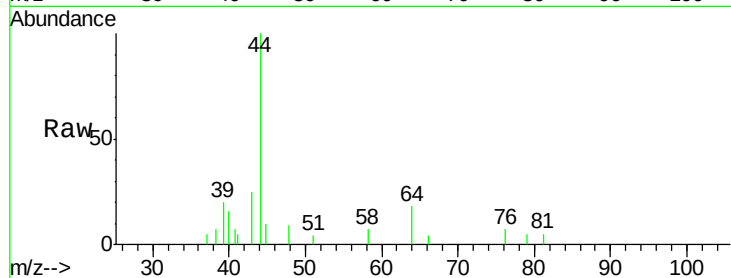
ClientSampleId :

Tot Ion: 43 Resp: 569

Ion Ratio Lower Upper

43 100

58 35.8 23.8 35.6#



#31

Cyclohexane

Concen: 1.554 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.09 min

Lab File: VX000251.D

Acq: 09 Mar 2018 13:05

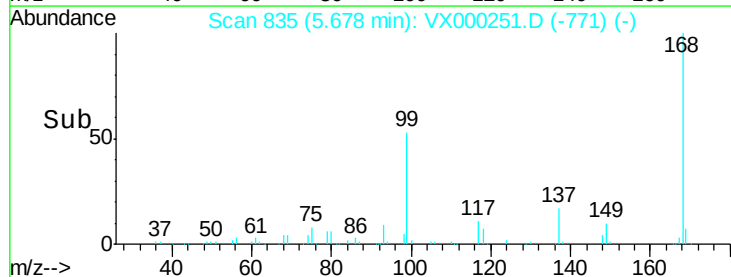
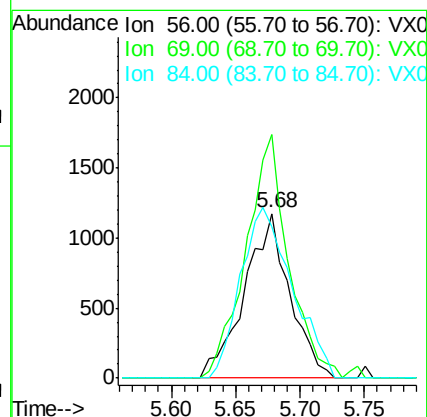
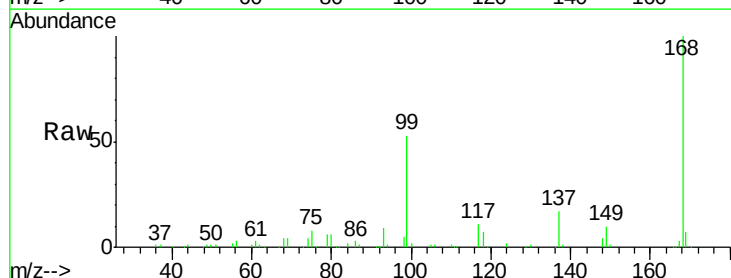
Tgt Ion: 56 Resp: 2853

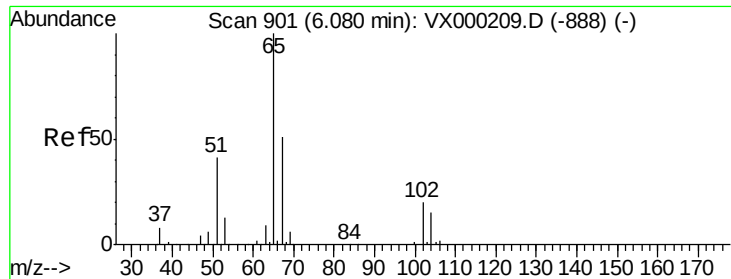
Ion Ratio Lower Upper

56 100

69 147.7 25.3 37.9#

84 91.6 67.2 100.8

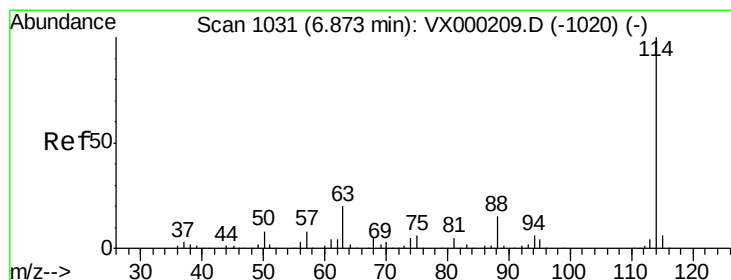
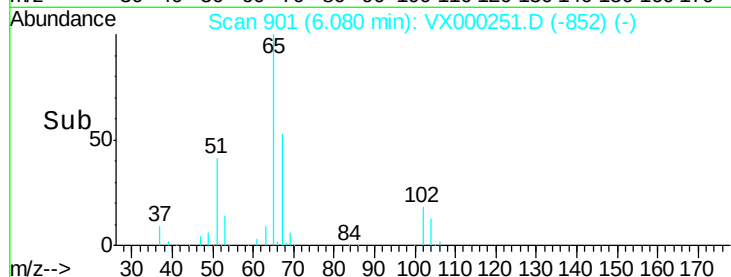
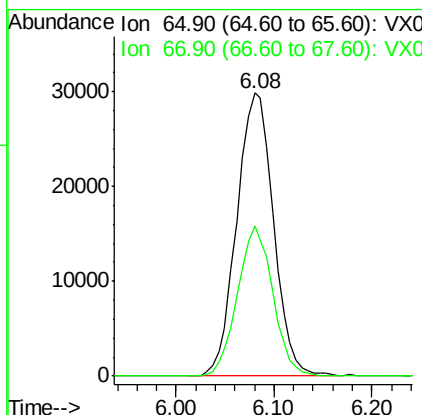
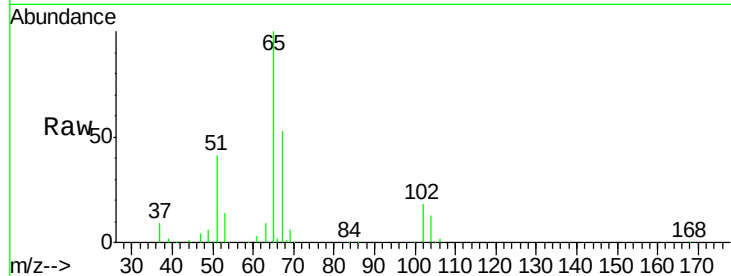




#33
 1,2-Dichloroethane-d4
 Concen: 46.518 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000251.D
 Acq: 09 Mar 2018 13:05

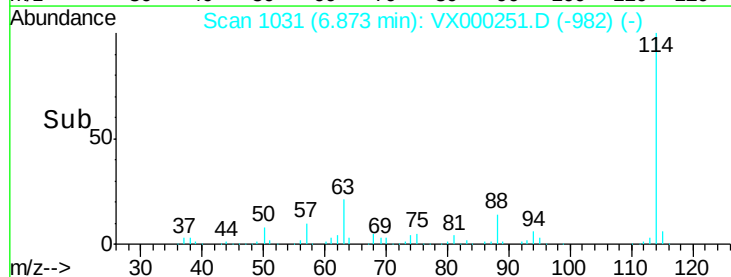
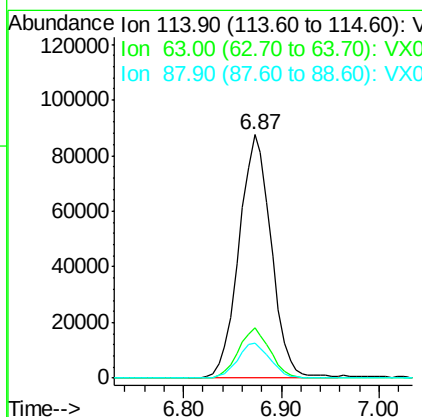
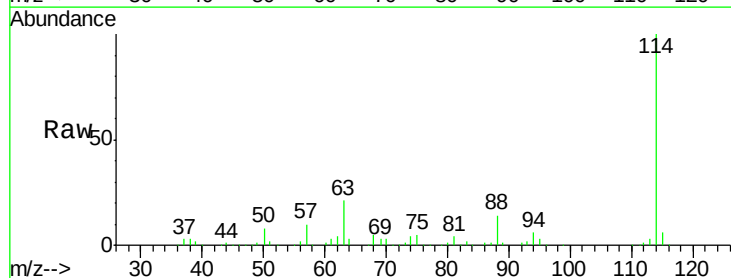
Instrument :
 MSVOA_X
 ClientSampleId :

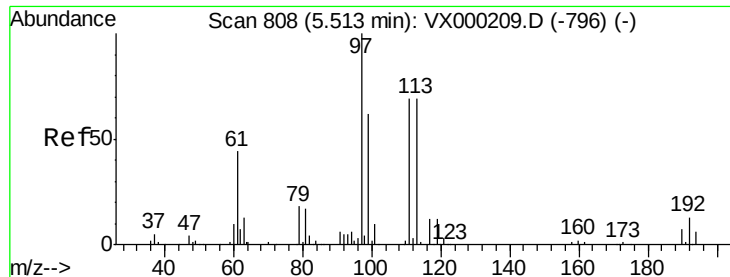
Tot Ion: 65 Resp: 78068
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000251.D
 Acq: 09 Mar 2018 13:05

Tgt Ion: 114 Resp: 200443
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.2
 88 14.4 0.0 29.8

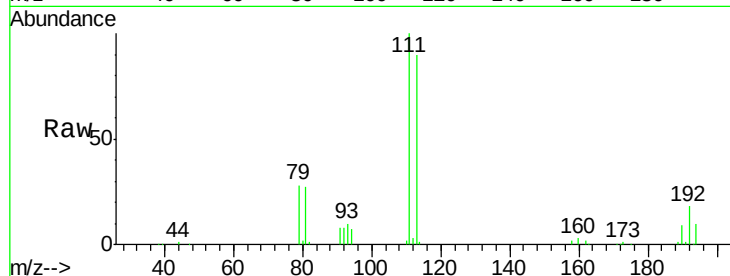




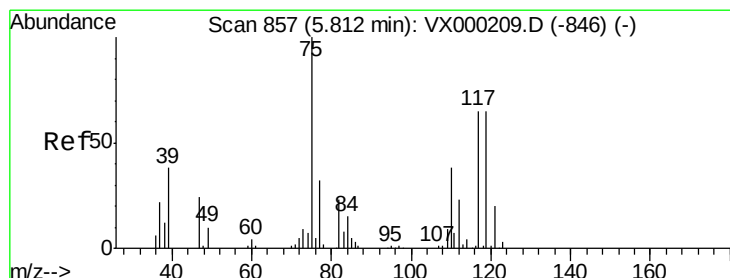
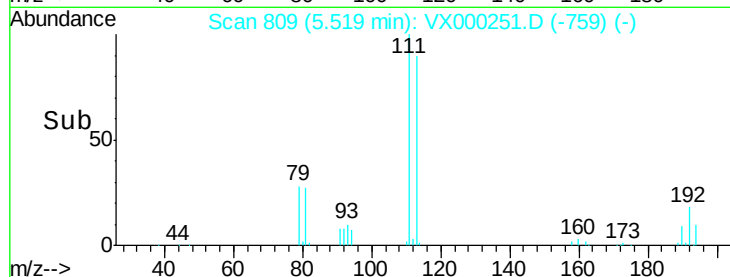
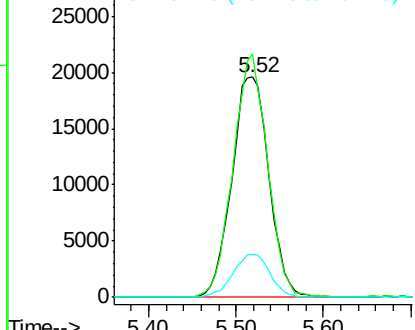
#35
 Dibromofluoromethane
 Concen: 45.870 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000251.D
 Acq: 09 Mar 2018 13:05

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:113 Resp: 57755
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.0 124.6
 192 19.4 15.5 23.3

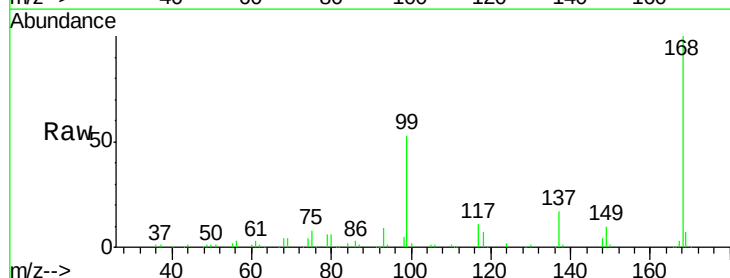


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

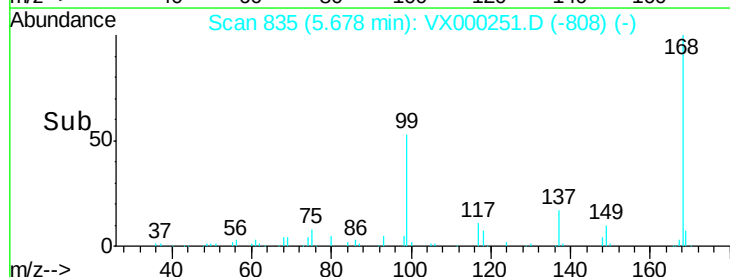
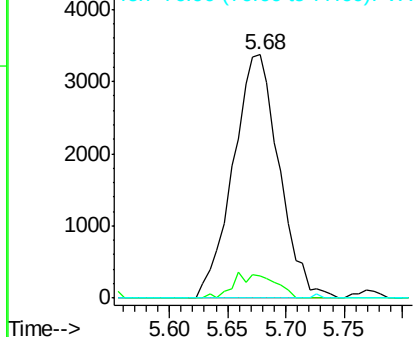


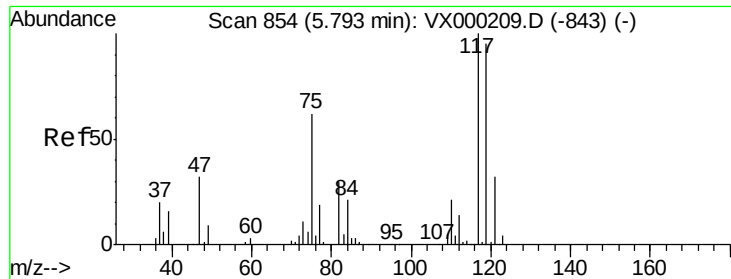
#36
 1,1-Dichloropropene
 Concen: 5.199 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.13 min
 Lab File: VX000251.D
 Acq: 09 Mar 2018 13:05

Tgt Ion: 75 Resp: 9272
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.8 53.5#
 77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.724 ug/l

RT: 5.68 min Scan# 835

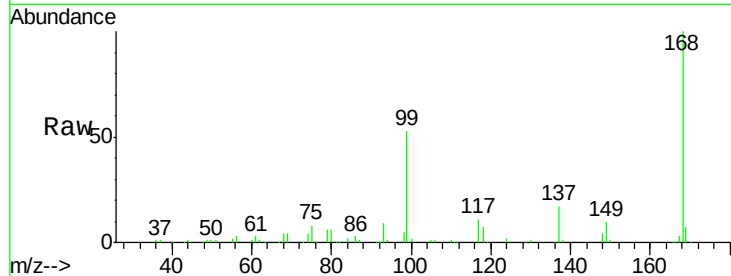
Delta R.T. -0.12 min

Lab File: VX000251.D

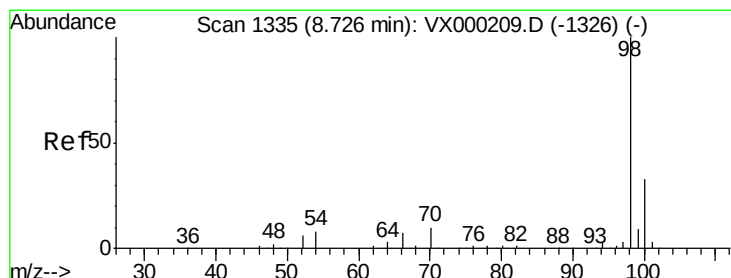
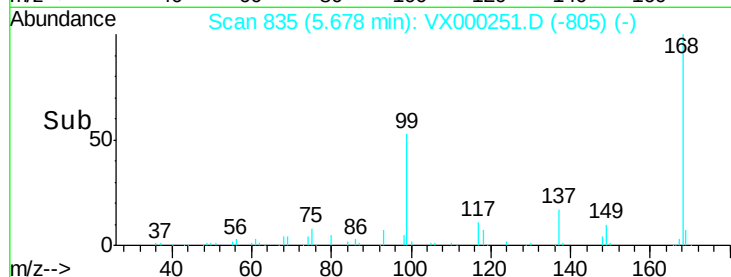
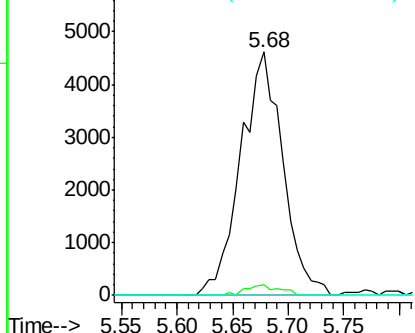
Acq: 09 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 12137
Ion Ratio Lower Upper
117 100
119 4.5 75.9 113.9#
121 0.0 25.8 38.6#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 43.861 ug/l

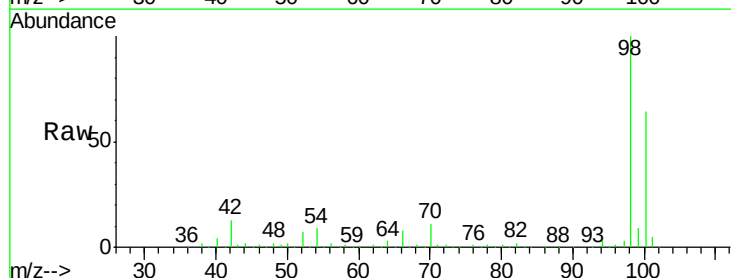
RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

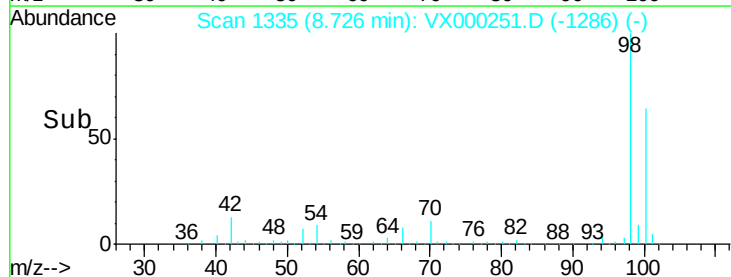
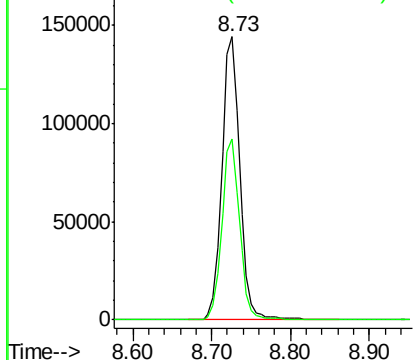
Lab File: VX000251.D

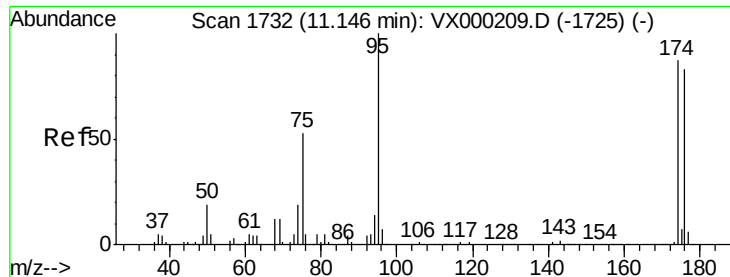
Acq: 09 Mar 2018 13:05

Tgt Ion: 98 Resp: 228733
Ion Ratio Lower Upper
98 100
100 63.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 39.818 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000251.D

Acq: 09 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampled :

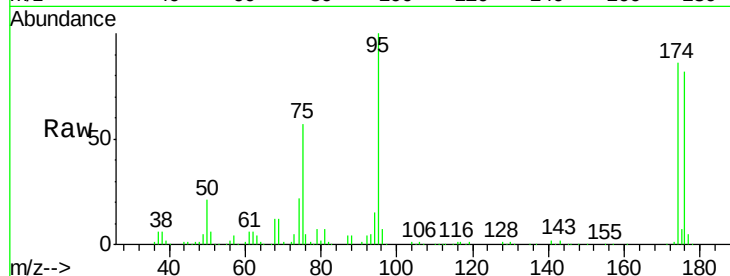
Tot Ion: 95 Resp: 81044

Ion Ratio Lower Upper

95 100

174 87.3 0.0 175.6

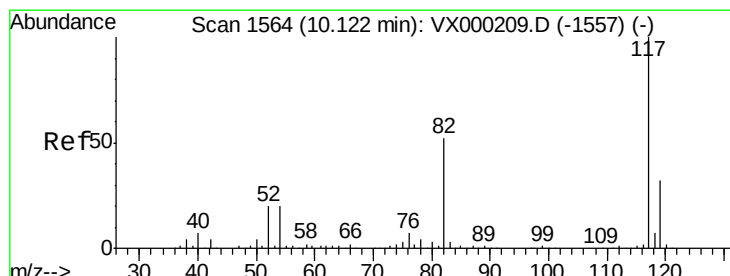
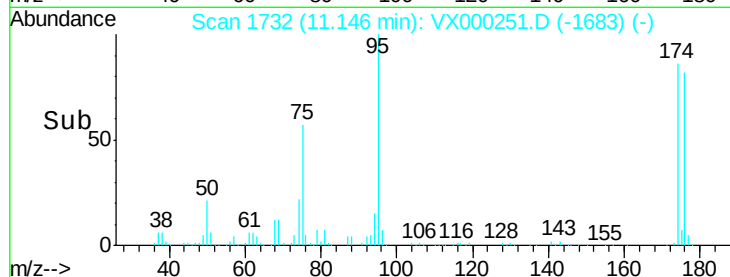
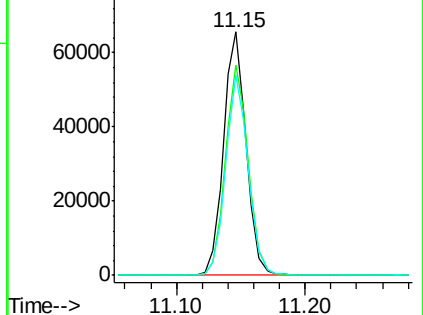
176 81.9 0.0 171.0



Abundance Ion 94.90 (94.60 to 95.60): VX000209.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX000209.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX000209.D (-1725) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000251.D

Acq: 09 Mar 2018 13:05

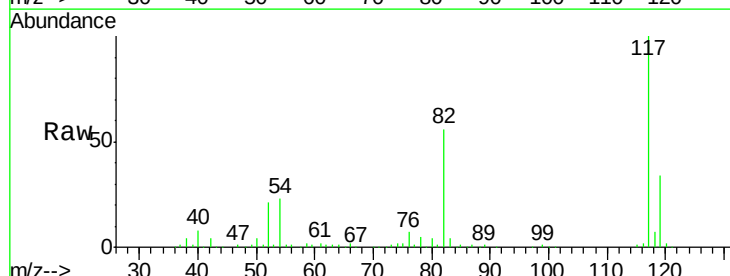
Tgt Ion: 117 Resp: 191608

Ion Ratio Lower Upper

117 100

82 56.0 42.0 63.0

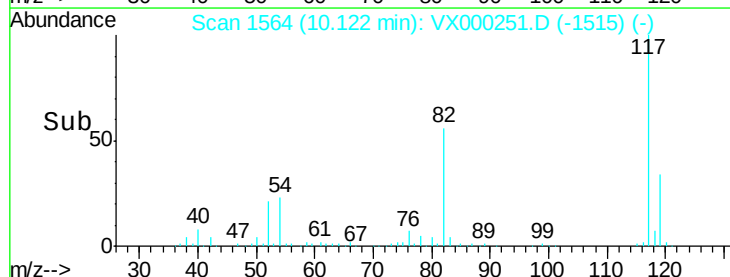
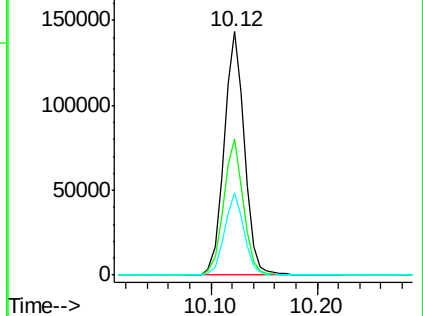
119 33.6 25.3 37.9

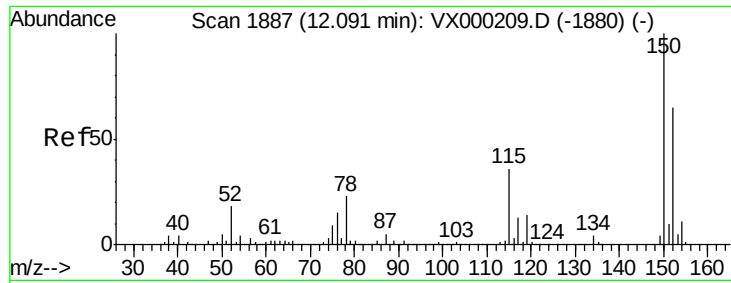


Abundance Ion 116.90 (116.60 to 117.60): VX000209.D (-1557) (-)

Ion 82.00 (81.70 to 82.70): VX000209.D (-1557) (-)

Ion 118.90 (118.60 to 119.60): VX000209.D (-1557) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000251.D

Acq: 09 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

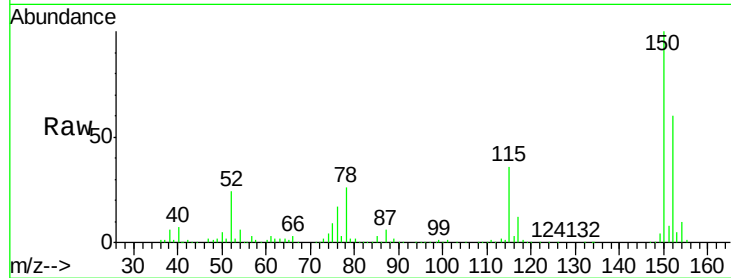
Tot Ion:152 Resp: 99251

Ion Ratio Lower Upper

152 100

115 57.9 39.8 119.3

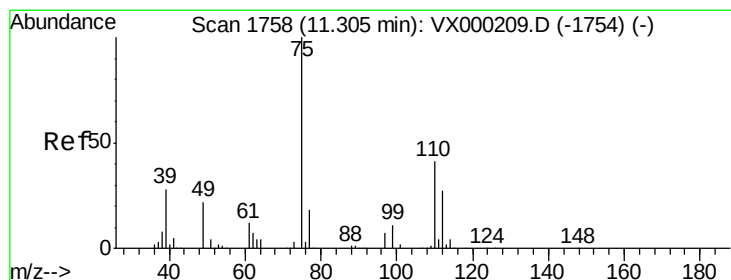
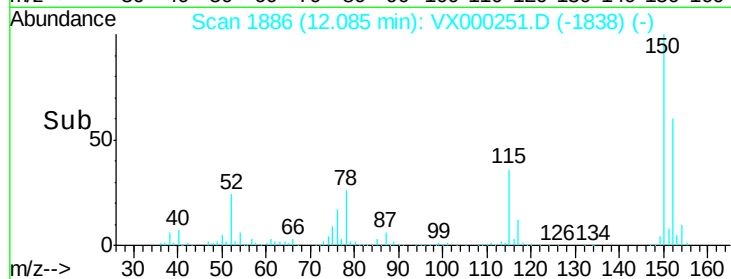
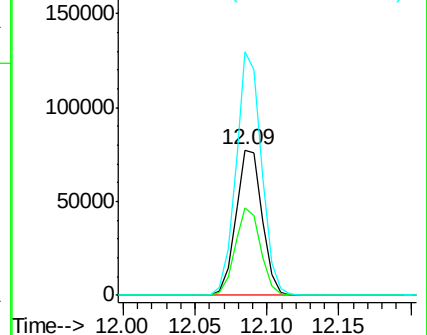
150 161.7 0.0 345.0



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



#76

1,2,3-Trichloropropane

Concen: 23.442 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000251.D

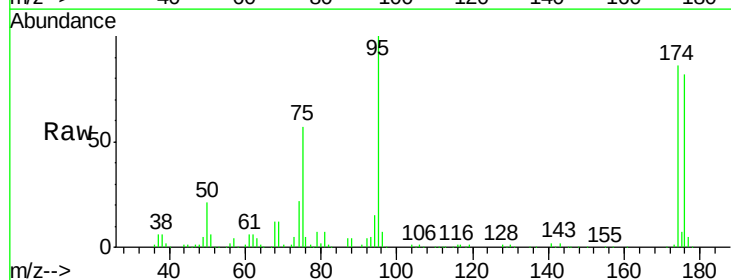
Acq: 09 Mar 2018 13:05

Tgt Ion: 75 Resp: 46638

Ion Ratio Lower Upper

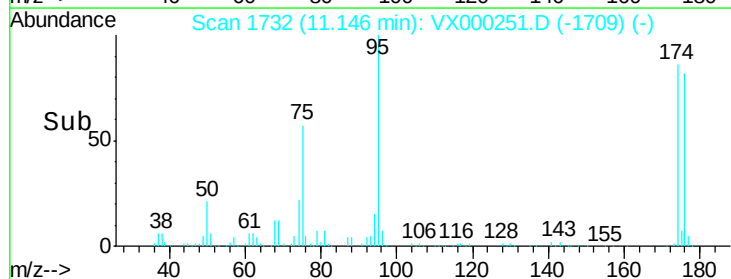
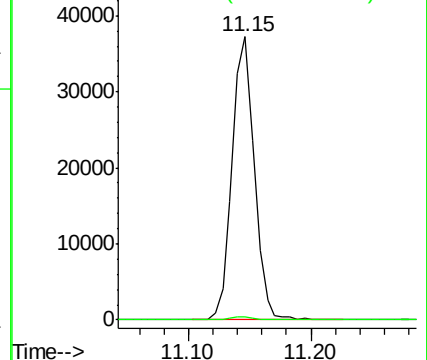
75 100

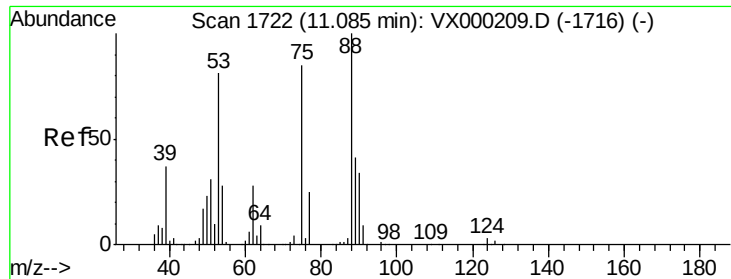
77 1.1 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 71.782 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000251.D

Acq: 09 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

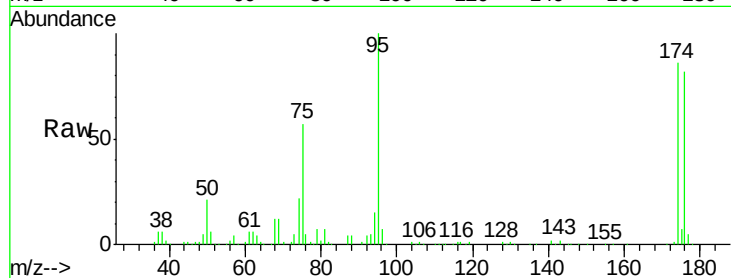
Tot Ion: 75 Resp: 46638

Ion Ratio Lower Upper

75 100

53 0.0 78.6 118.0#

89 0.0 38.8 58.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

