

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
 Data File : VX000291.D
 Acq On : 13 Mar 2018 11:07
 Operator : JC/MD
 Sample : VX0313WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBL01

Quant Time: Mar 13 14:19:47 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	5.68	168	161107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	270441	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	256566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	137201	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	105834	47.39	ug/l	0.00
Spiked Amount			Recovery	=	94.78%	
35) Dibromofluoromethane	5.52	113	80721	47.52	ug/l	0.00
Spiked Amount			Recovery	=	95.04%	
50) Toluene-d8	8.73	98	319671	45.43	ug/l	0.00
Spiked Amount			Recovery	=	90.86%	
62) 4-Bromofluorobenzene	11.15	95	118244	43.06	ug/l	0.00
Spiked Amount			Recovery	=	86.12%	

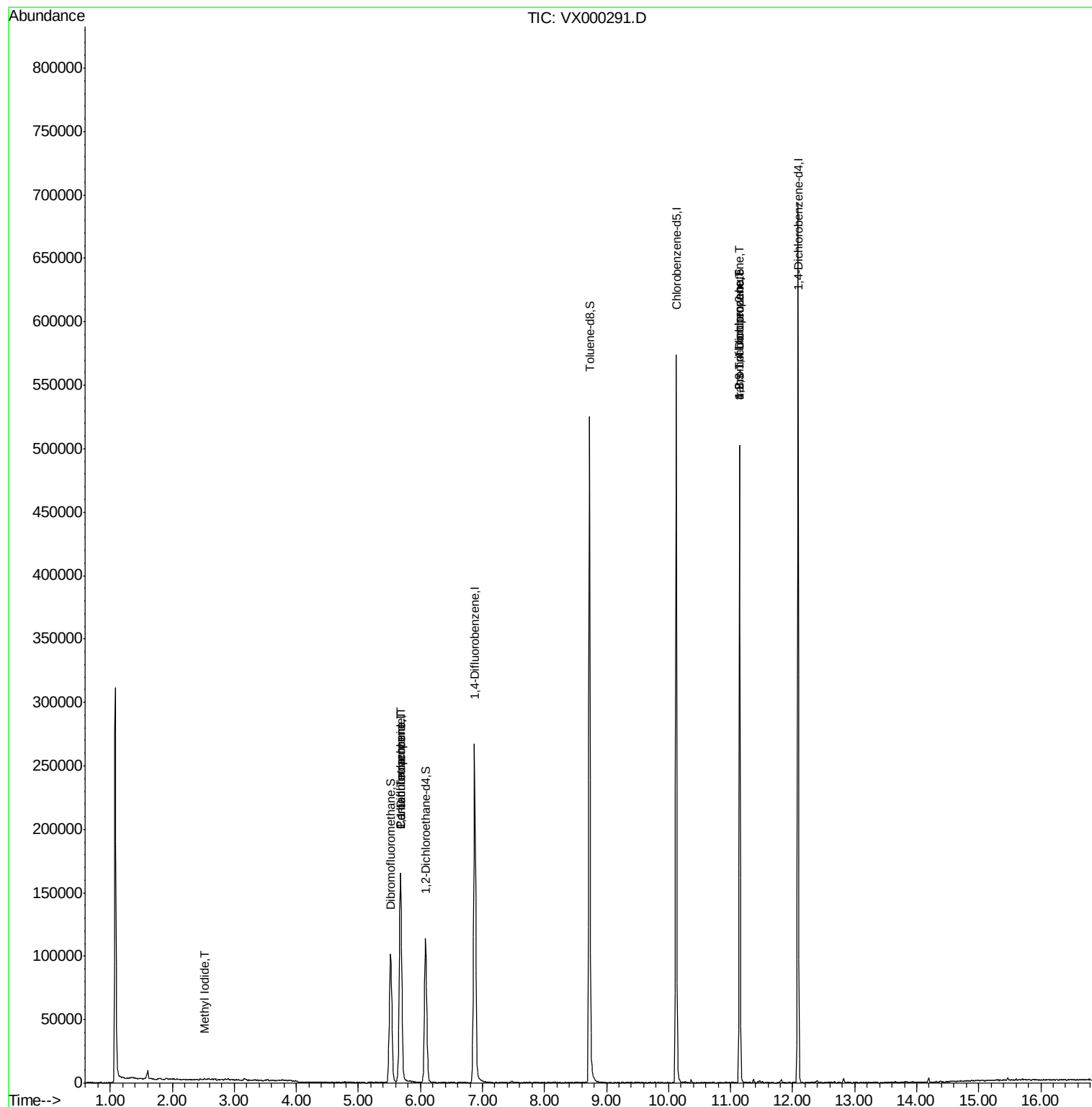
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	361	Below Cal	#	65
6) Chloroethane	1.77	64	270	Below Cal	#	42
10) Methyl Iodide	2.53	142	306	3.29	ug/l #	53
36) 1,1-Dichloropropene	5.67	75	12459	5.18	ug/l #	51
38) Carbon Tetrachloride	5.68	117	16044	6.59	ug/l #	17
76) 1,2,3-Trichloropropane	11.15	75	64111	23.31	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.15	75	64111	71.38	ug/l #	10

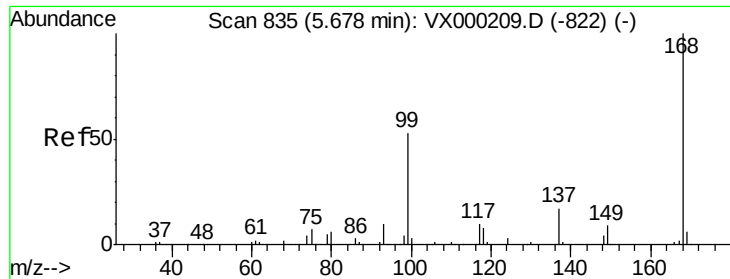
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBL01

Quant Time: Mar 13 14:19:47 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: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000291.D

Acq: 13 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

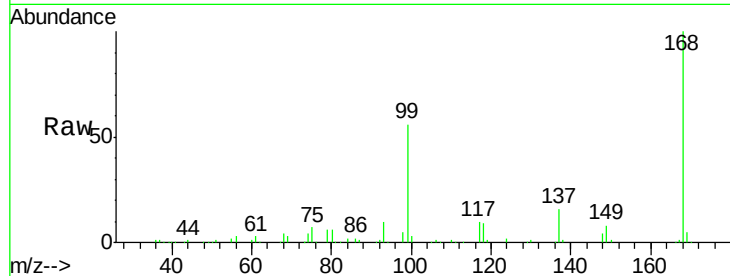
VX0313WBL01

Tot Ion:168 Resp: 161107

Ion Ratio Lower Upper

168 100

99 55.6 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

60000

40000

20000

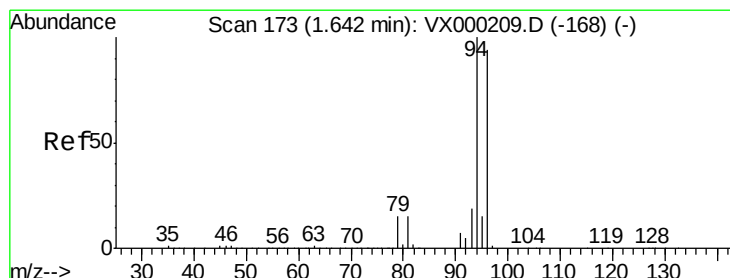
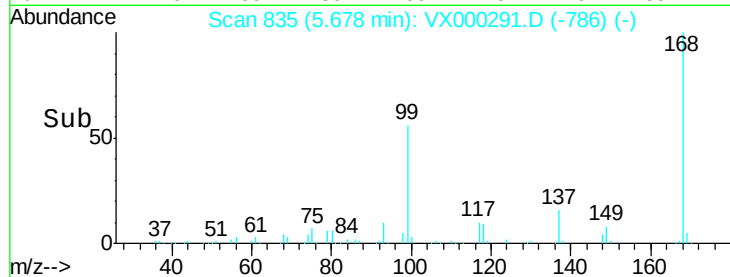
0

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: VX000291.D

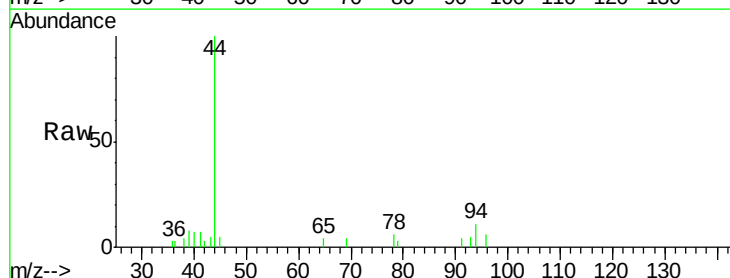
Acq: 13 Mar 2018 11:07

Tgt Ion: 94 Resp: 361

Ion Ratio Lower Upper

94 100

96 60.1 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

200

150

100

50

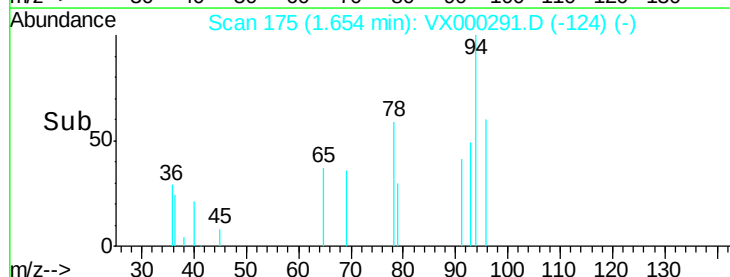
0

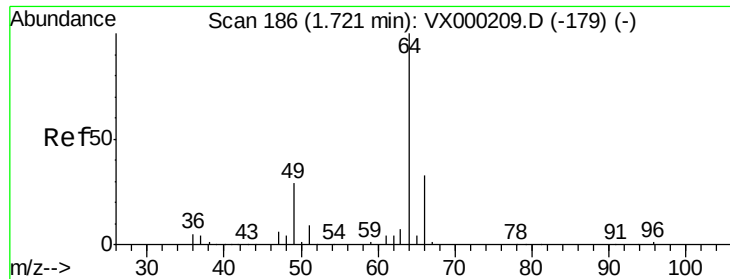
Time-->

1.60

1.65

1.70





#6

Chloroethane

Concen: Below Cal

RT: 1.77 min Scan# 194

Delta R.T. 0.05 min

Lab File: VX000291.D

Acq: 13 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

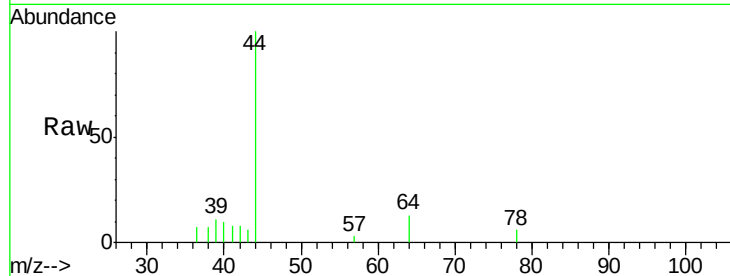
VX0313WBL01

Tot Ion: 64 Resp: 270

Ion Ratio Lower Upper

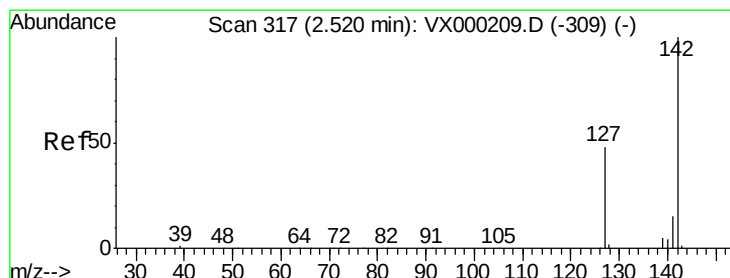
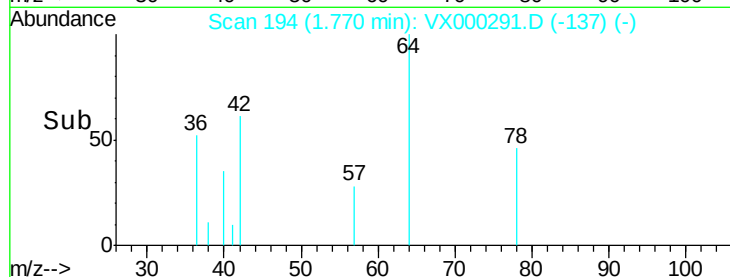
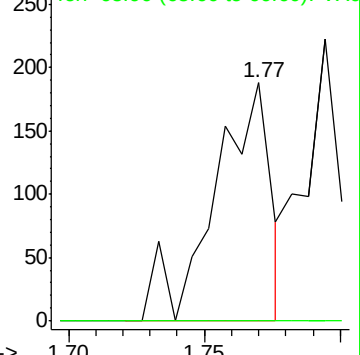
64 100

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



#10

Methyl Iodide

Concen: 3.29 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX000291.D

Acq: 13 Mar 2018 11:07

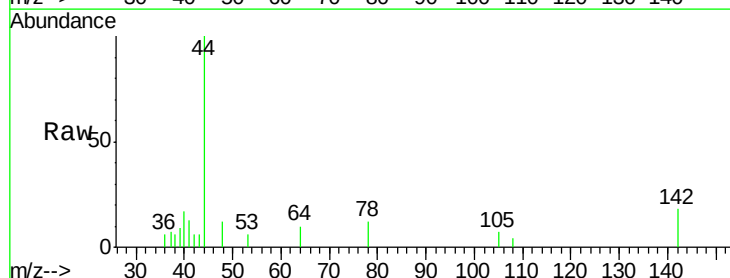
Tgt Ion:142 Resp: 306

Ion Ratio Lower Upper

142 100

127 14.7 39.0 58.6#

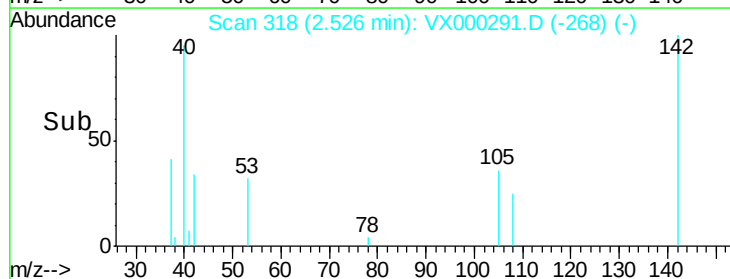
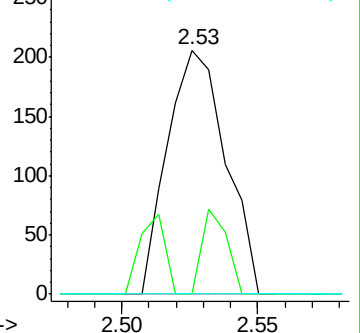
141 0.0 11.6 17.4#

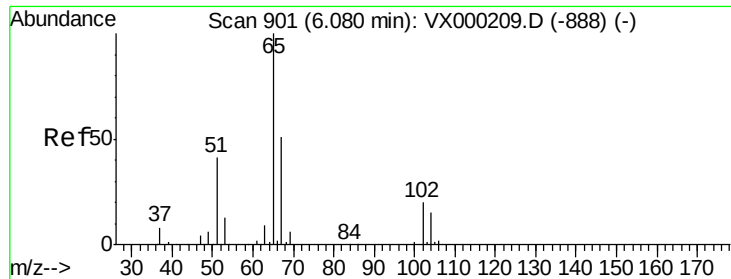


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

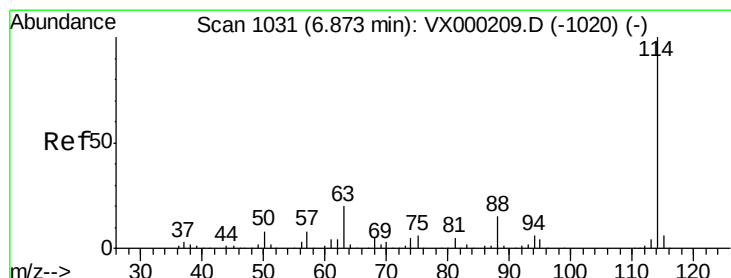
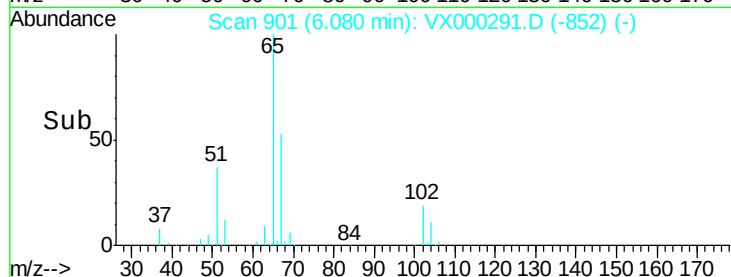
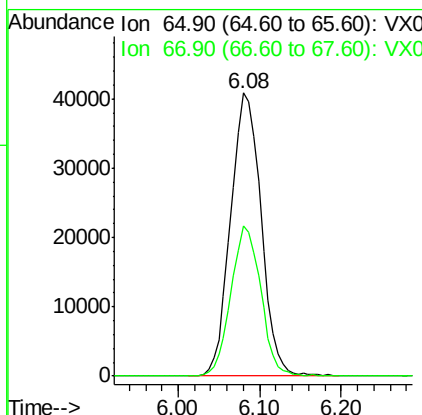
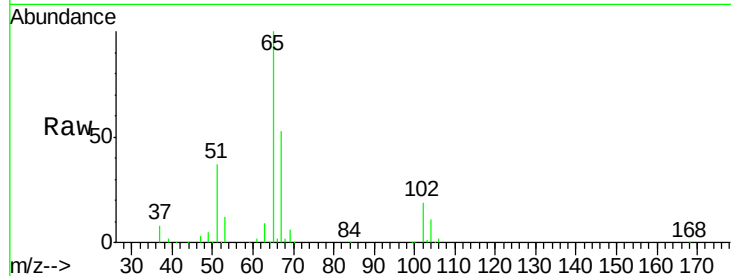




#33
 1,2-Dichloroethane-d4
 Concen: 47.39 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000291.D
 Acq: 13 Mar 2018 11:07

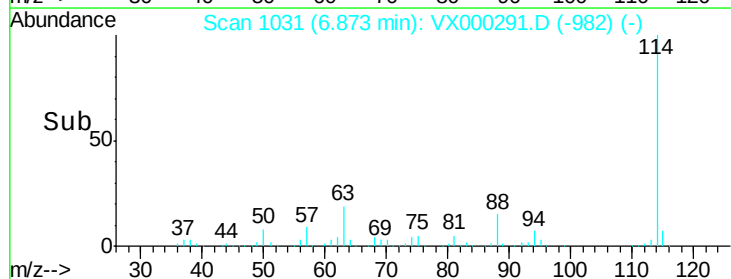
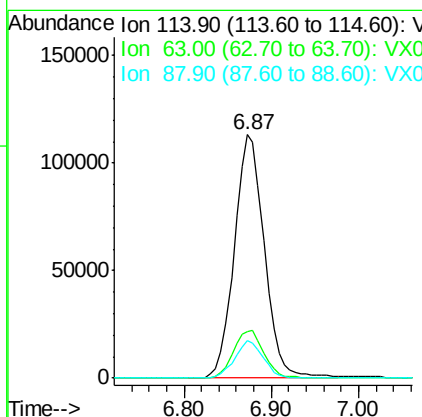
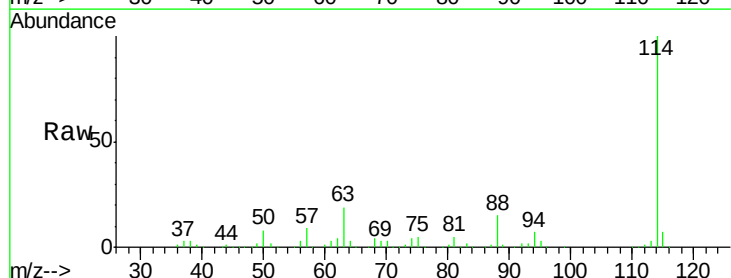
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBL01

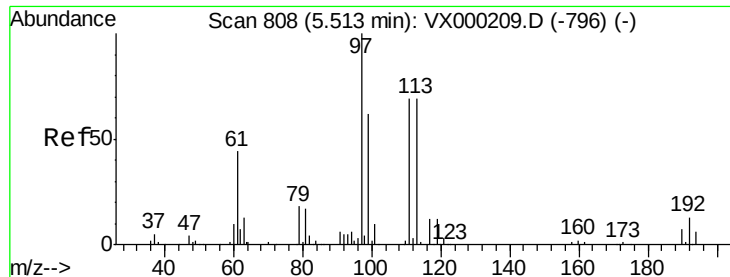
Tot Ion: 65 Resp: 105834
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000291.D
 Acq: 13 Mar 2018 11:07

Tgt Ion: 114 Resp: 270441
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 15.5 0.0 29.8





#35

Dibromofluoromethane

Concen: 47.52 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000291.D

Acq: 13 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBL01

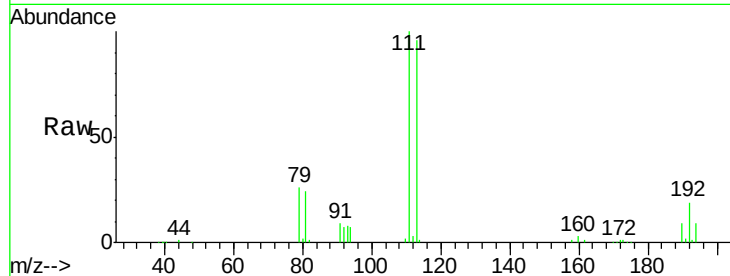
Tot Ion:113 Resp: 80721

Ion Ratio Lower Upper

113 100

111 103.9 83.0 124.6

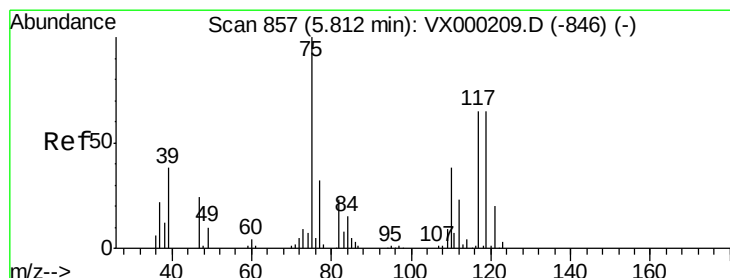
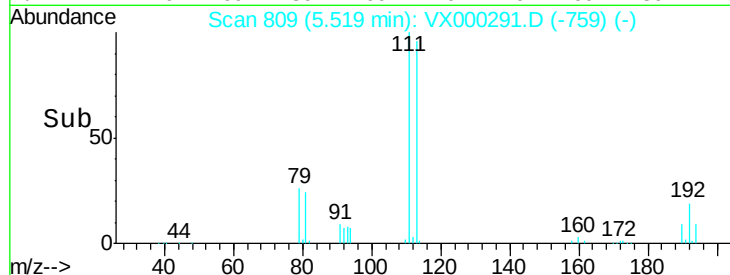
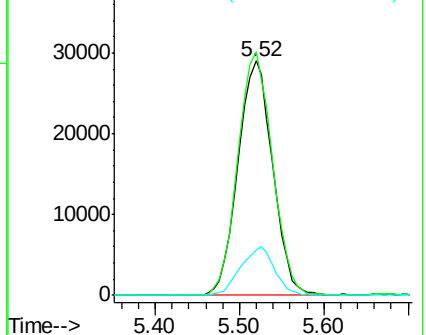
192 20.3 15.5 23.3



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: 5.18 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.14 min

Lab File: VX000291.D

Acq: 13 Mar 2018 11:07

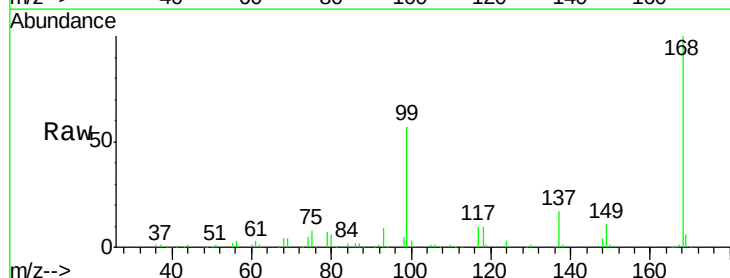
Tgt Ion: 75 Resp: 12459

Ion Ratio Lower Upper

75 100

110 10.8 17.8 53.5#

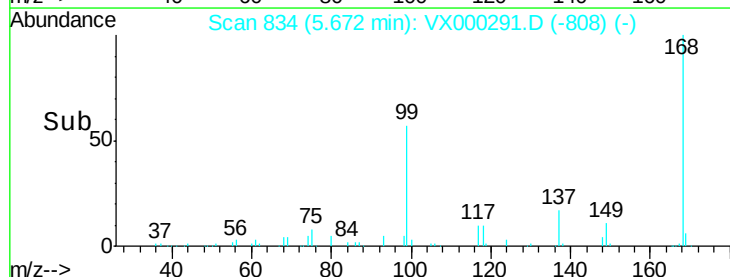
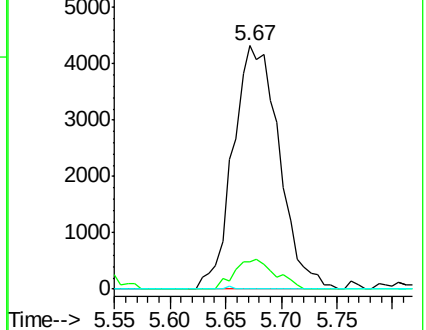
77 0.0 24.9 37.3#

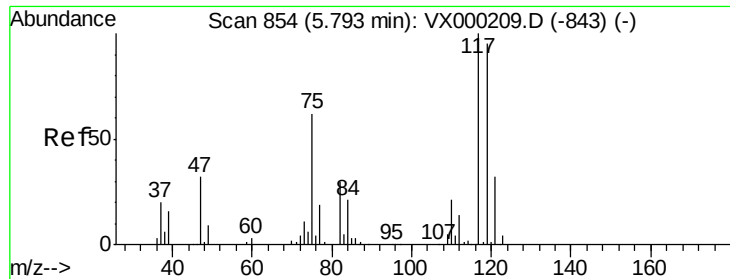


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

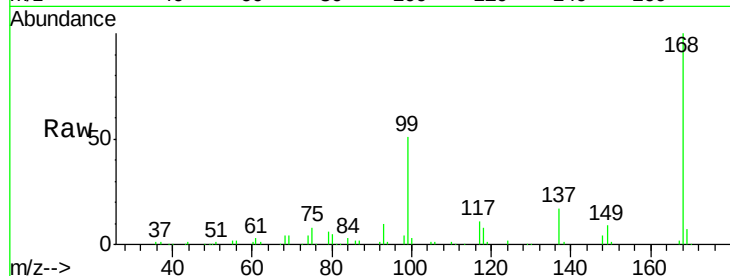




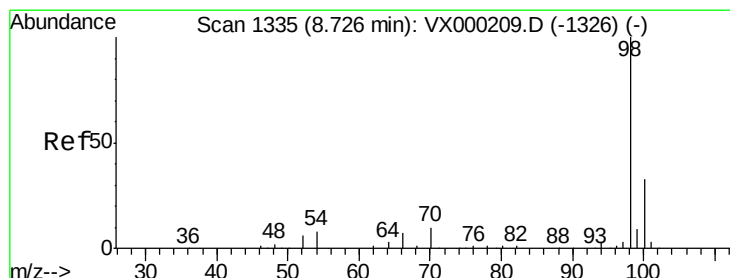
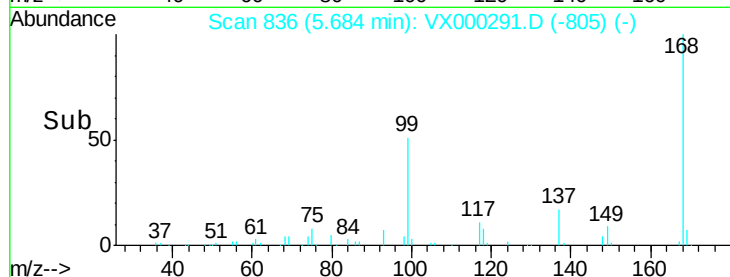
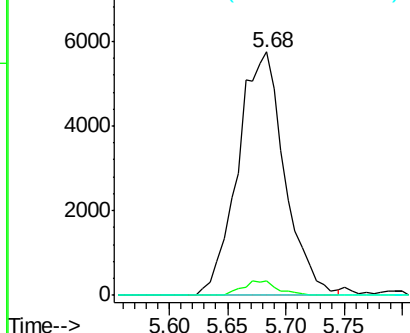
#38
Carbon Tetrachloride
Concen: 6.59 ug/l
RT: 5.68 min Scan# 836
Delta R.T. -0.11 min
Lab File: VX000291.D
Acq: 13 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBL01

Tot Ion:117 Resp: 16044
Ion Ratio Lower Upper
117 100
119 5.9 75.9 113.9#
121 0.0 25.8 38.6#

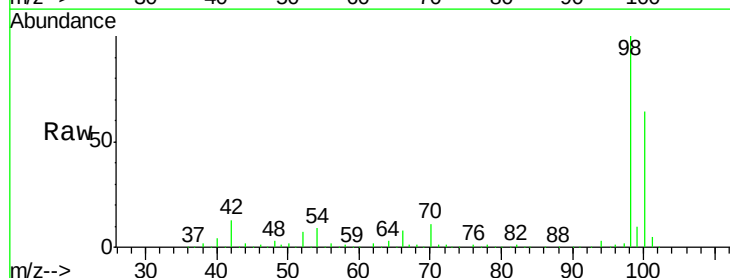


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

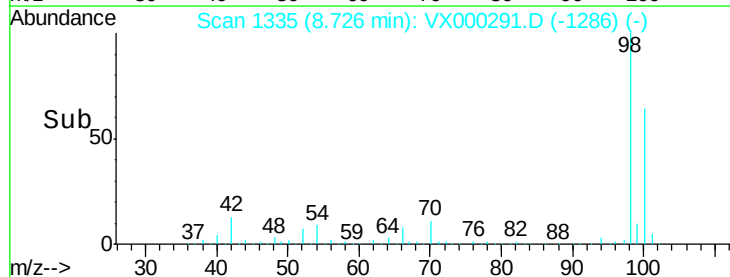
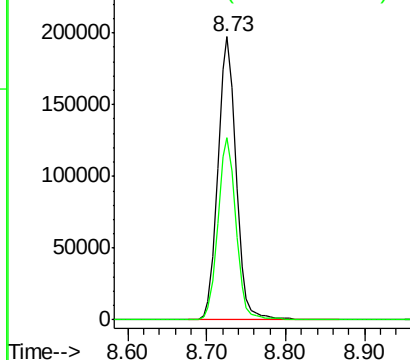


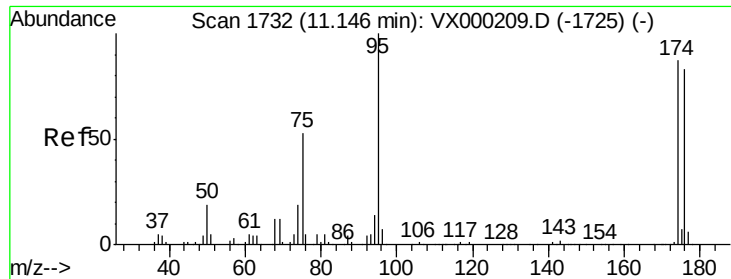
#50
Toluene-d8
Concen: 45.43 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000291.D
Acq: 13 Mar 2018 11:07

Tgt Ion: 98 Resp: 319671
Ion Ratio Lower Upper
98 100
100 63.5 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: 43.06 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000291.D

Acq: 13 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBL01

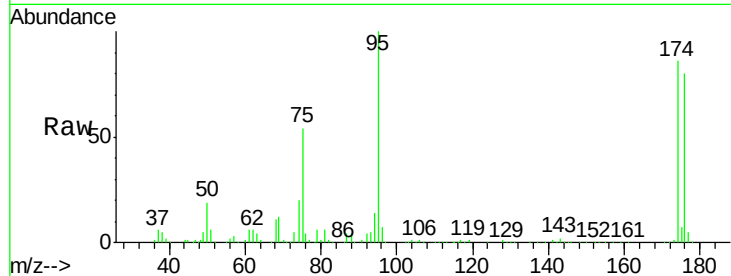
Tot Ion: 95 Resp: 118244

Ion Ratio Lower Upper

95 100

174 84.3 0.0 175.6

176 83.2 0.0 171.0



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

120000

100000

80000

60000

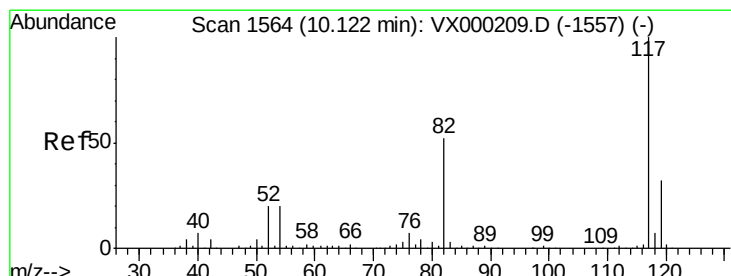
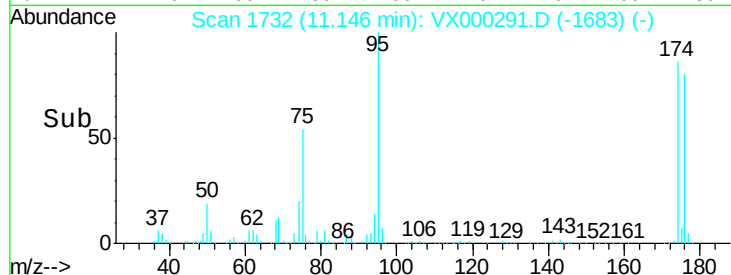
40000

20000

0

11.15

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000291.D

Acq: 13 Mar 2018 11:07

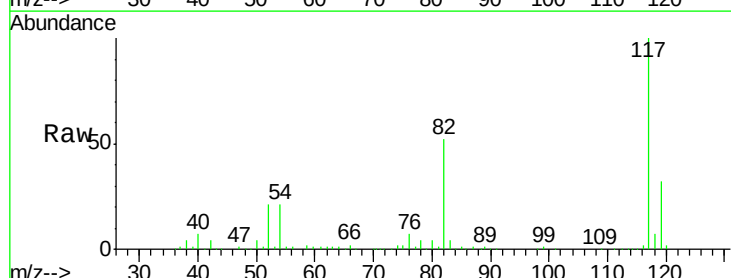
Tgt Ion: 117 Resp: 256566

Ion Ratio Lower Upper

117 100

82 52.5 42.0 63.0

119 31.8 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

250000

200000

150000

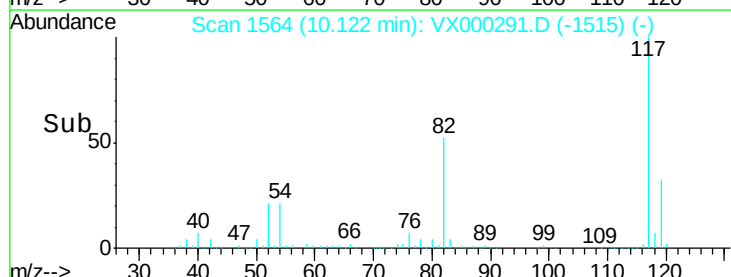
100000

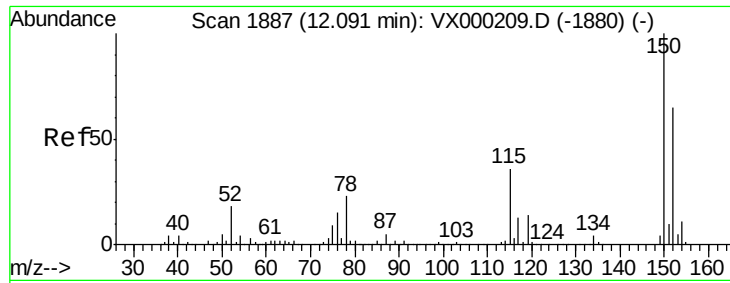
50000

0

10.12

Time-->



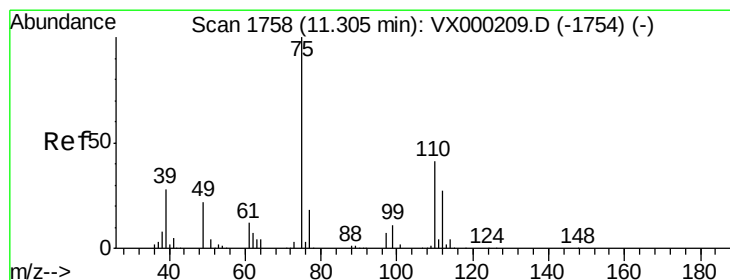
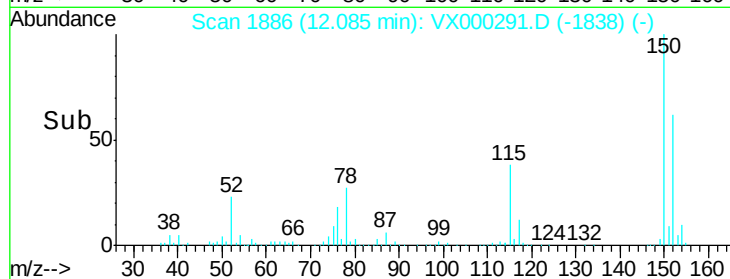
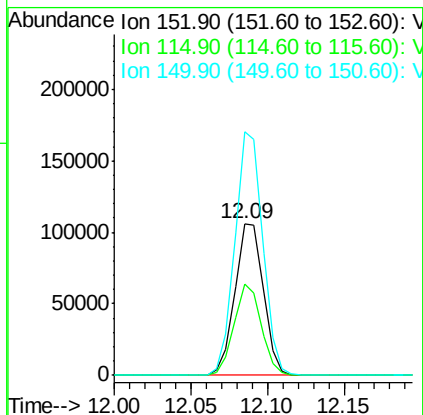
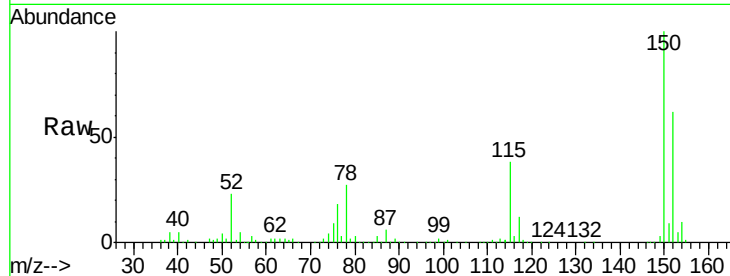


#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000291.D
Acq: 13 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBL01

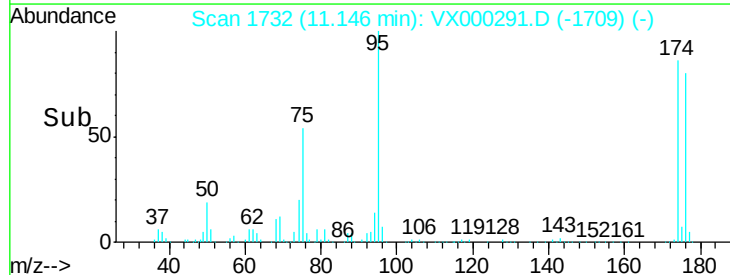
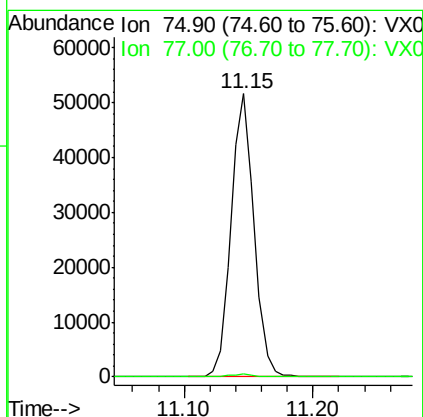
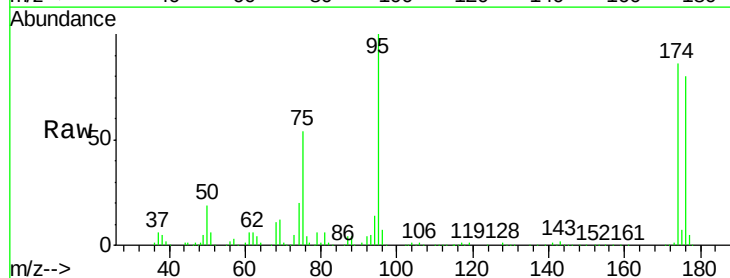
Tot Ion:152 Resp: 137201
Ion Ratio Lower Upper
152 100
115 57.5 39.8 119.3
150 156.7 0.0 345.0

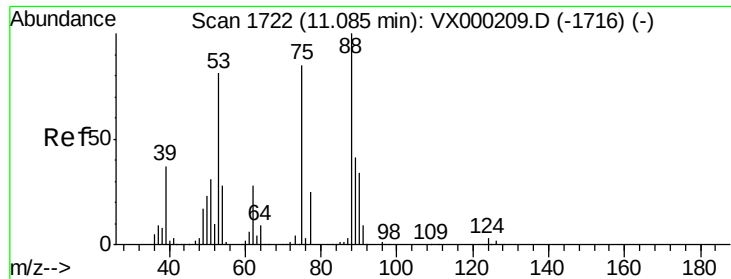


#76

1,2,3-Trichloropropane
Concen: 23.31 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000291.D
Acq: 13 Mar 2018 11:07

Tgt Ion: 75 Resp: 64111
Ion Ratio Lower Upper
75 100
77 1.1 22.3 66.8#





#81

trans-1,4-Dichloro-2-butene

Concen: 71.38 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000291.D

Acq: 13 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBL01

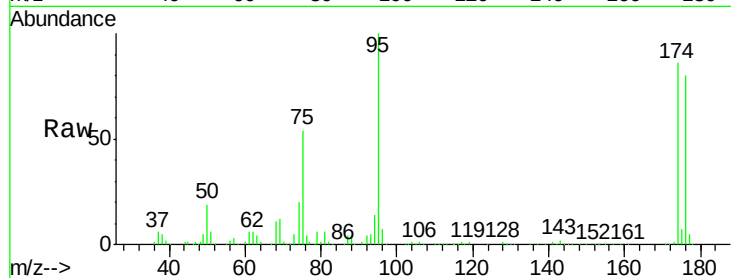
Tot Ion: 75 Resp: 64111

Ion Ratio Lower Upper

75 100

53 0.0 78.6 118.0#

89 0.1 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

