

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061918\
 Data File : VX002738.D
 Acq On : 20 Jun 2018 03:22
 Operator : JC/MD
 Sample : J3517-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 20 07:03:49 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	225823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	321262	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	169511	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	152795	44.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.04%	
35) Dibromofluoromethane	5.51	113	119050	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
50) Toluene-d8	8.72	98	457490	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
62) 4-Bromofluorobenzene	11.14	95	156805	42.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.02%	

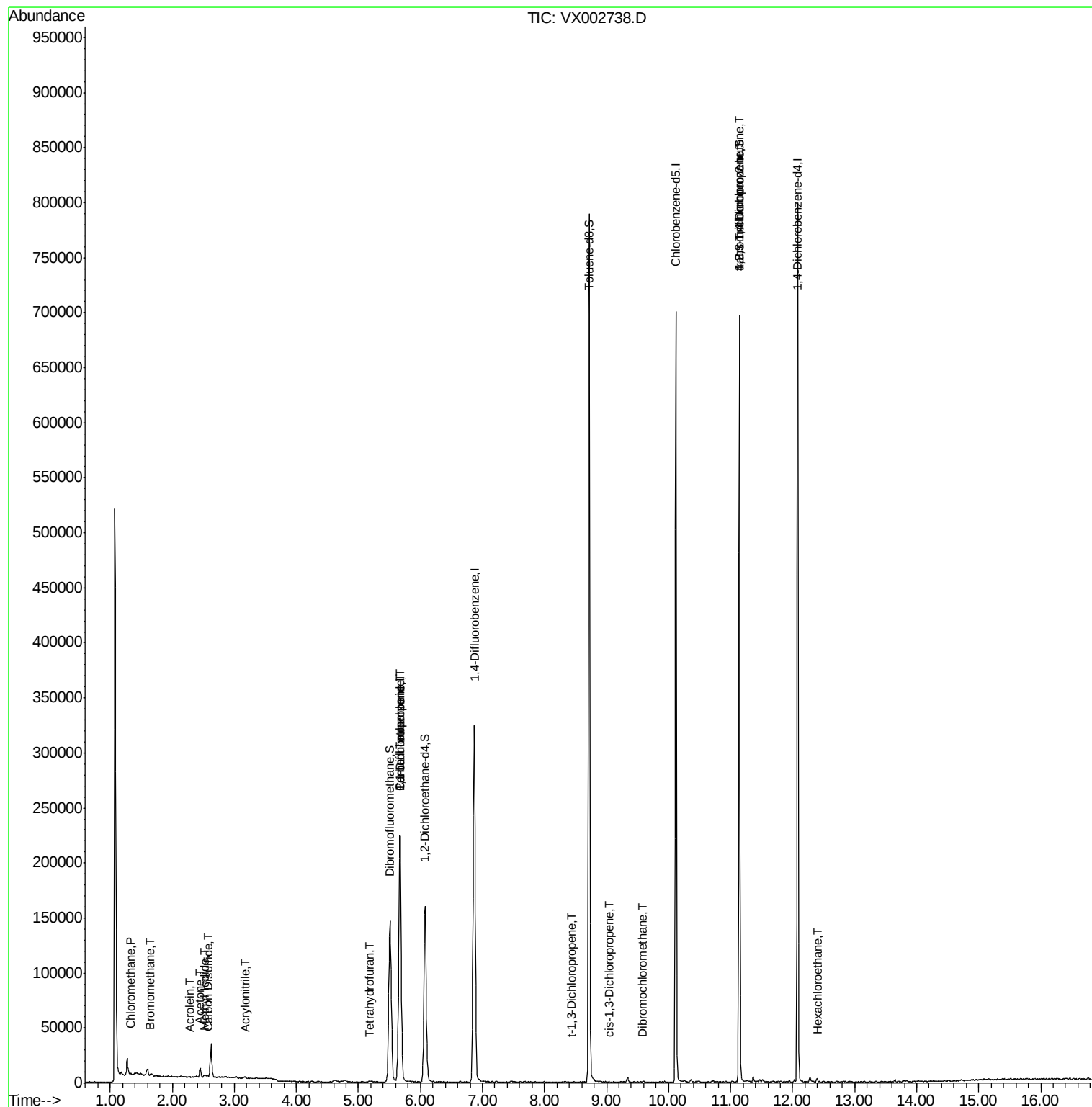
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	694	0.24	ug/l	# 76
5) Bromomethane	1.65	94	1442	0.81	ug/l	# 84
10) Methyl Iodide	2.53	142	2372	5.77	ug/l	# 93
13) Acrolein	2.29	56	93	7.14	ug/l	# 14
15) Acrylonitrile	3.16	53	499	0.32	ug/l	# 65
16) Acetone	2.45	43	9257	6.11	ug/l	# 99
17) Carbon Disulfide	2.57	76	1476	0.25	ug/l	# 64
29) Tetrahydrofuran	5.18	42	468	0.36	ug/l	# 86
36) 1,1-Dichloropropene	5.67	75	14984	4.39	ug/l	# 47
38) Carbon Tetrachloride	5.67	117	20369	6.00	ug/l	# 15
53) t-1,3-Dichloropropene	8.43	75	86	2.41	ug/l	# 65
54) cis-1,3-Dichloropropene	9.06	75	158	3.25	ug/l	# 36
60) Dibromochloromethane	9.59	129	22	3.77	ug/l	# 11
76) 1,2,3-Trichloropropane	11.14	75	83889	26.23	ug/l	# 33
81) trans-1,4-Dichloro-2-buten	11.14	75	83889	81.08	ug/l	# 7
90) Hexachloroethane	12.40	117	39	2.65	ug/l	# 1

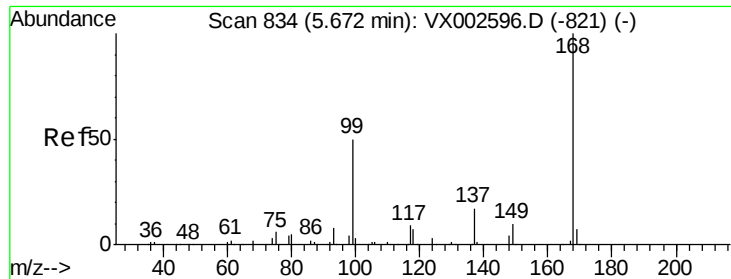
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061918\
Data File : VX002738.D
Acq On : 20 Jun 2018 03:22
Operator : JC/MD
Sample : J3517-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 20 07:03:49 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002738.D

Acq: 20 Jun 2018 03:22

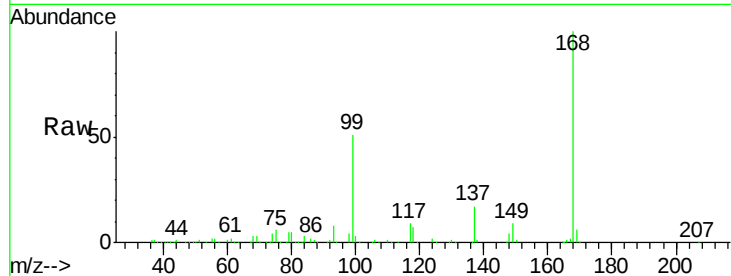
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 225823

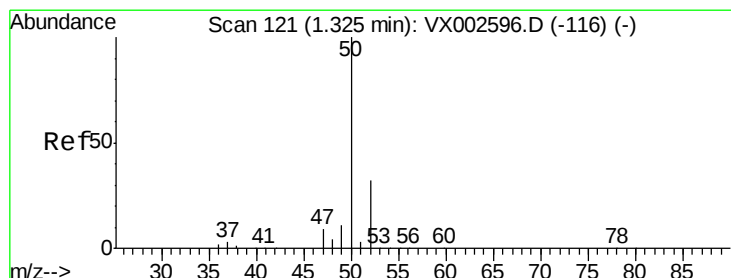
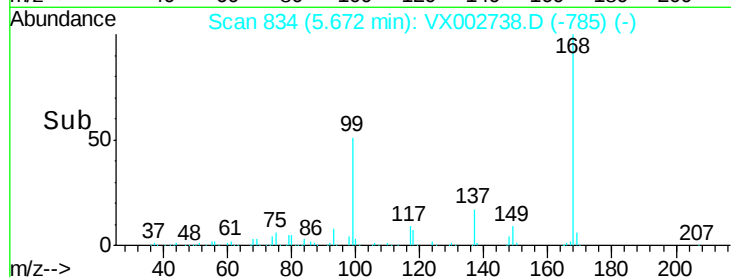
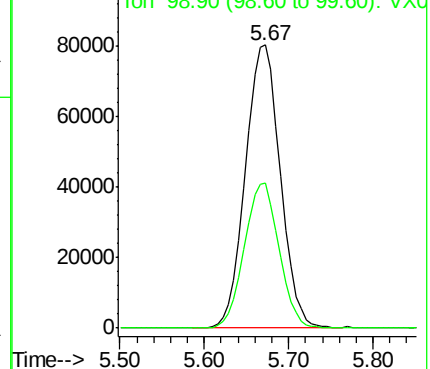
Ion Ratio Lower Upper

168 100

99 51.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V



#3

Chloromethane

Concen: 0.24 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002738.D

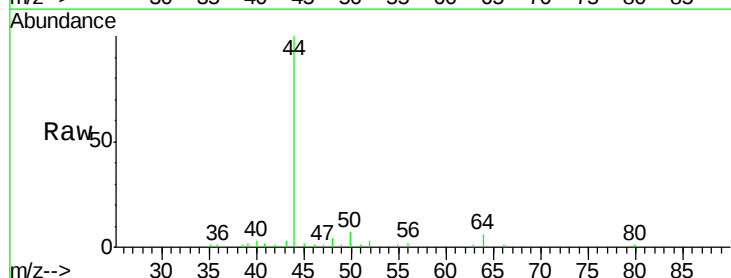
Acq: 20 Jun 2018 03:22

Tgt Ion: 50 Resp: 694

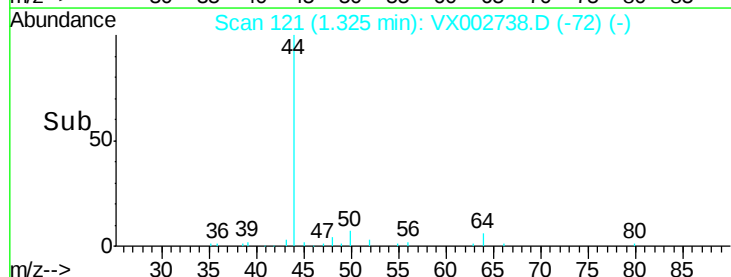
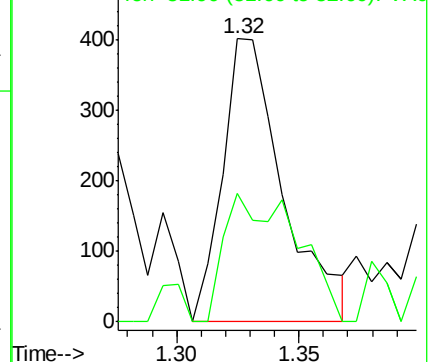
Ion Ratio Lower Upper

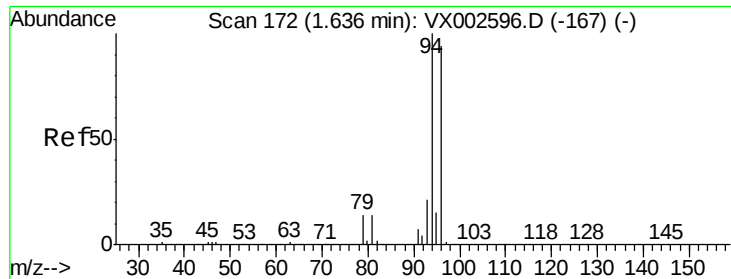
50 100

52 45.5 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0





#5

Bromomethane

Concen: 0.81 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX002738.D

Acq: 20 Jun 2018 03:22

Instrument :

MSVOA_X

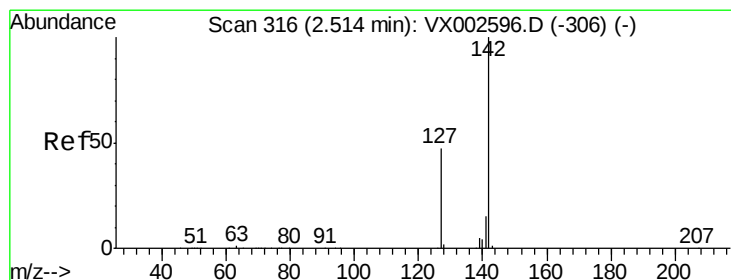
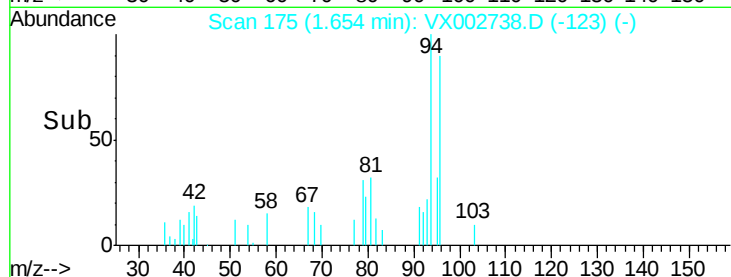
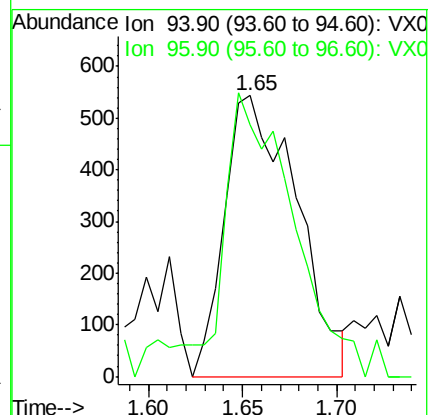
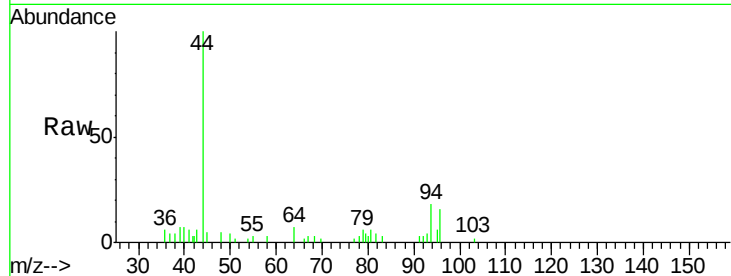
ClientSampleId :

Tot Ion: 94 Resp: 1442

Ion Ratio Lower Upper

94 100

96 78.5 74.9 112.3



#10

Methyl Iodide

Concen: 5.77 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX002738.D

Acq: 20 Jun 2018 03:22

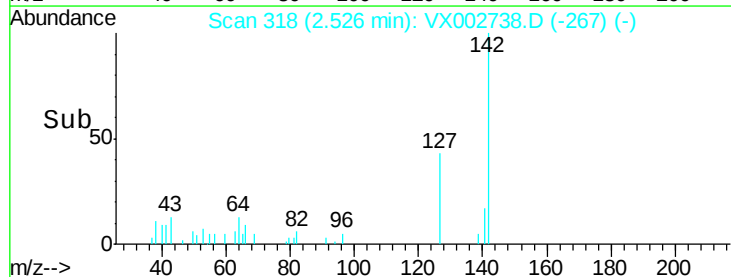
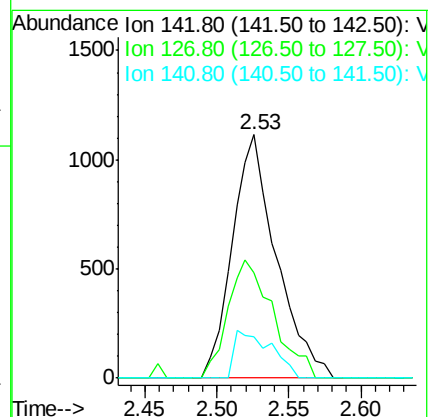
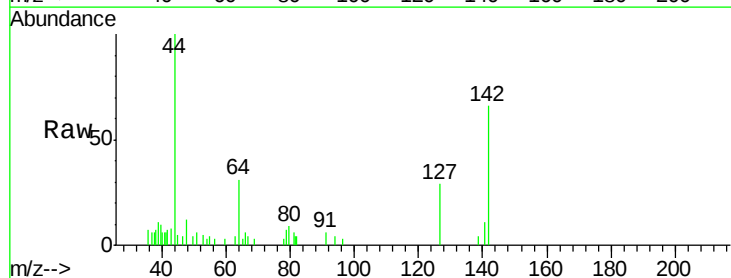
Tgt Ion: 142 Resp: 2372

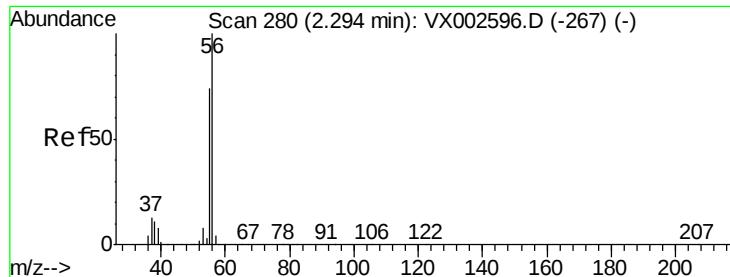
Ion Ratio Lower Upper

142 100

127 50.3 36.6 55.0

141 16.4 11.3 16.9





#13

Acrolein

Concen: 7.14 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002738.D

Acq: 20 Jun 2018 03:22

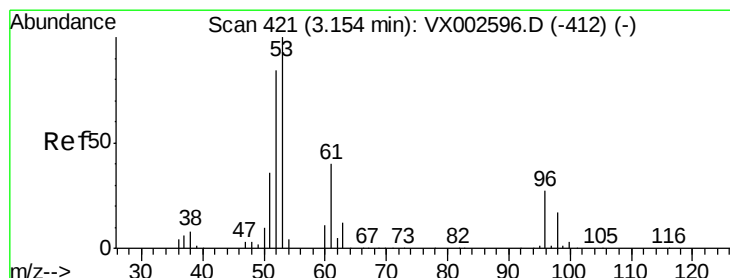
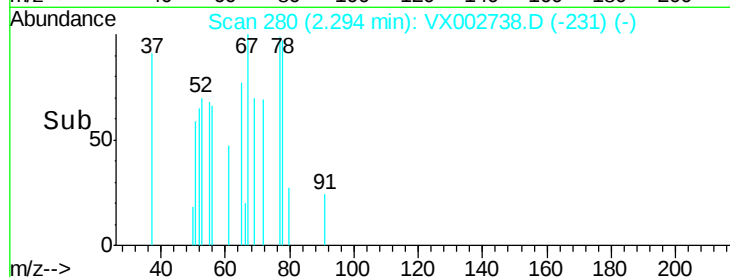
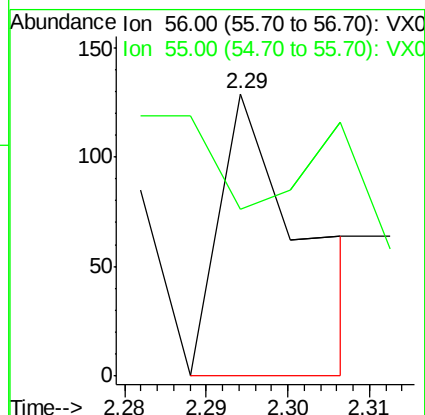
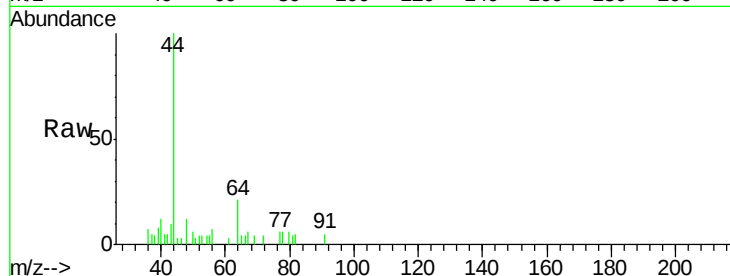
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 93

Ion Ratio Lower Upper

56 100

55 0.0 57.0 85.4#



#15

Acrylonitrile

Concen: 0.32 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX002738.D

Acq: 20 Jun 2018 03:22

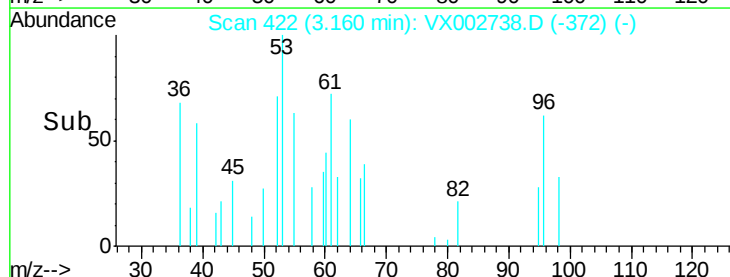
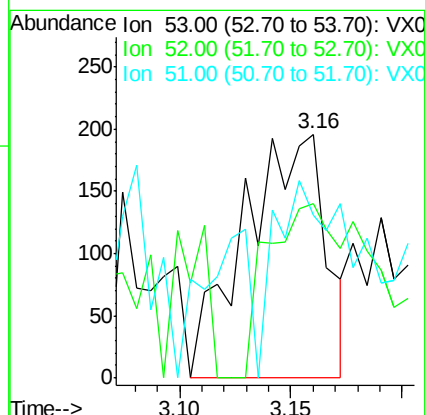
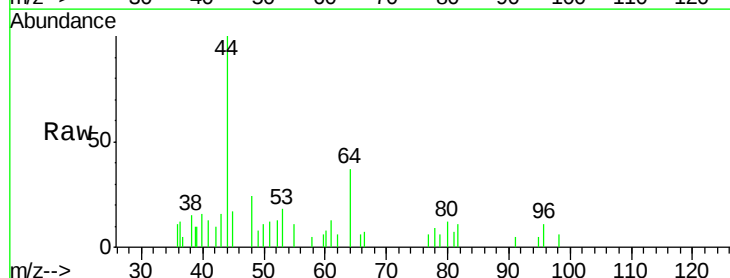
Tgt Ion: 53 Resp: 499

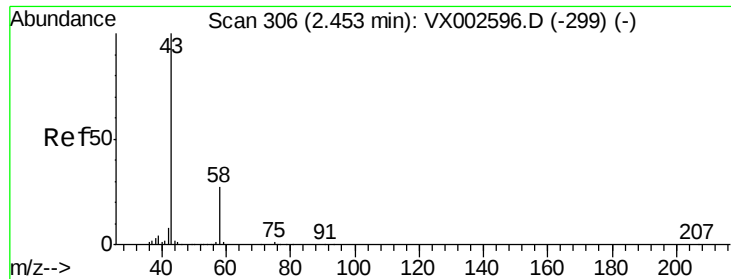
Ion Ratio Lower Upper

53 100

52 98.0 66.7 100.1

51 84.4 29.9 44.9#





#16

Acetone

Concen: 6.11 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002738.D

Acq: 20 Jun 2018 03:22

Instrument :

MSVOA_X

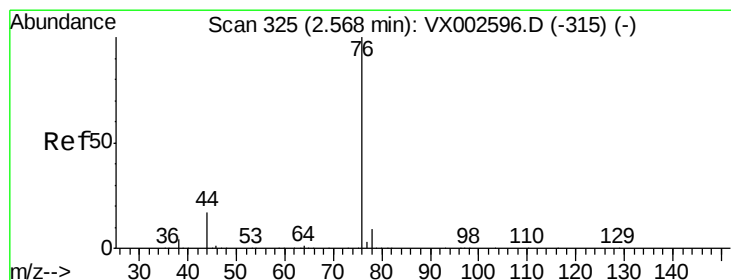
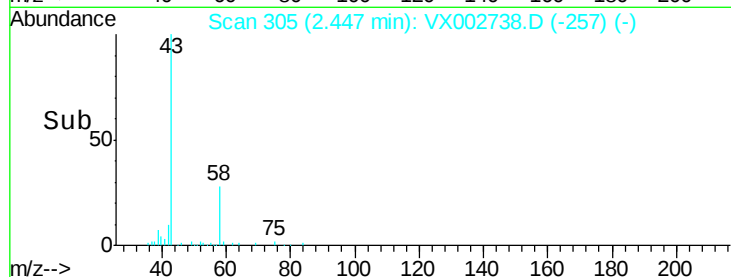
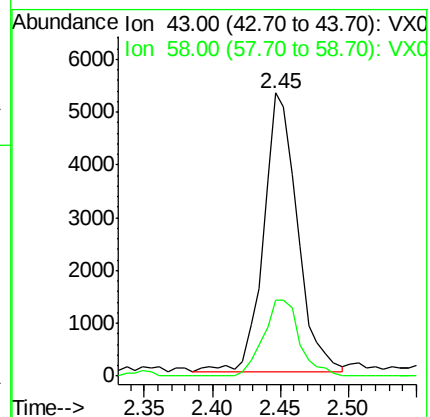
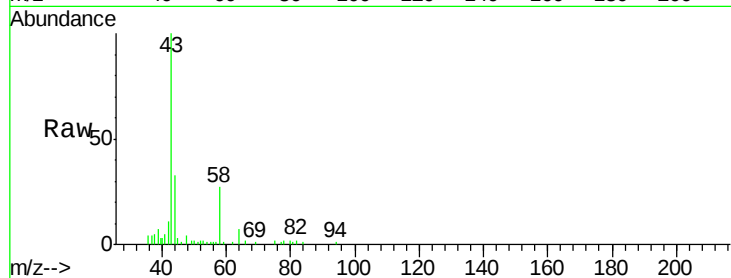
ClientSampleId :

Tot Ion: 43 Resp: 9257

Ion Ratio Lower Upper

43 100

58 27.0 22.1 33.1



#17

Carbon Disulfide

Concen: 0.25 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002738.D

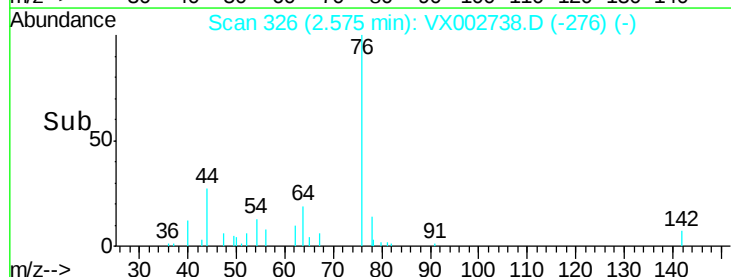
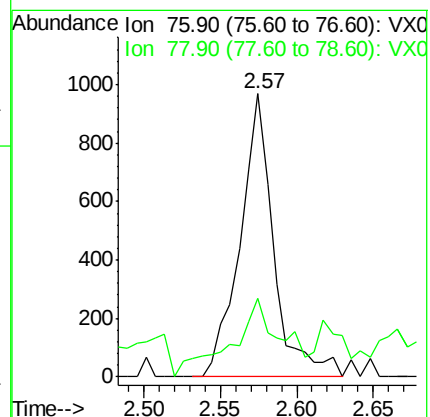
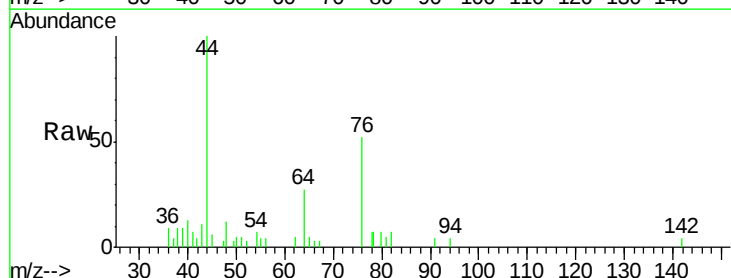
Acq: 20 Jun 2018 03:22

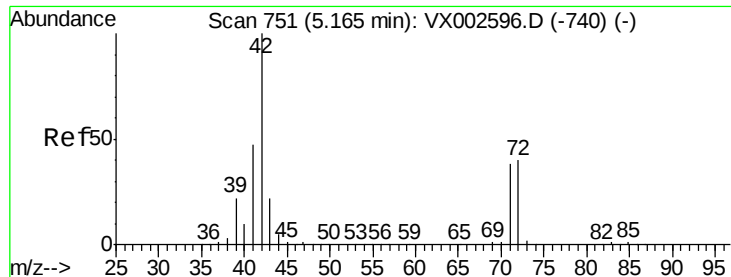
Tgt Ion: 76 Resp: 1476

Ion Ratio Lower Upper

76 100

78 21.6 6.9 10.3#





#29

Tetrahydrofuran

Concen: 0.36 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX002738.D

Acq: 20 Jun 2018 03:22

Instrument :

MSVOA_X

ClientSampleId :

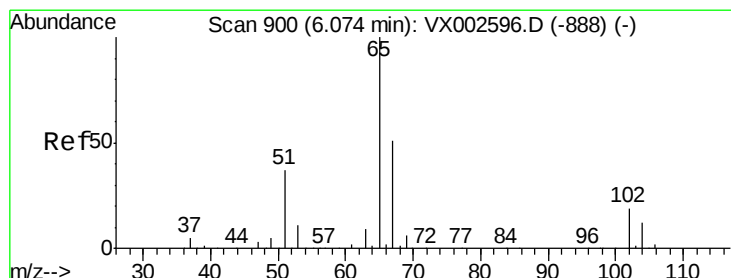
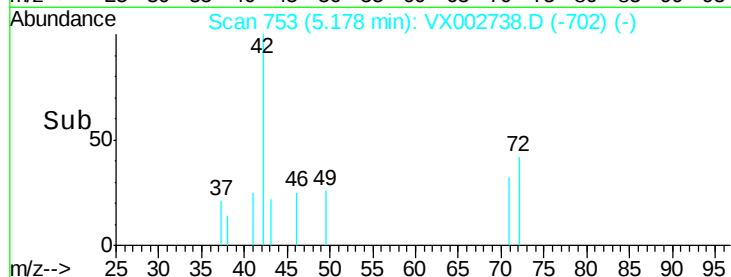
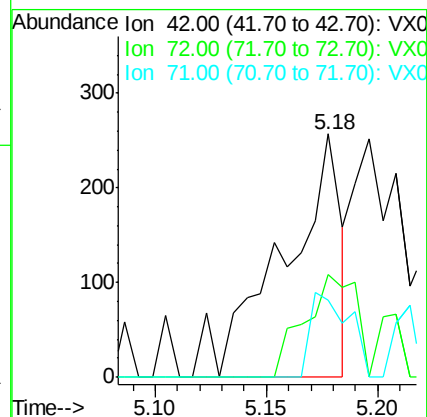
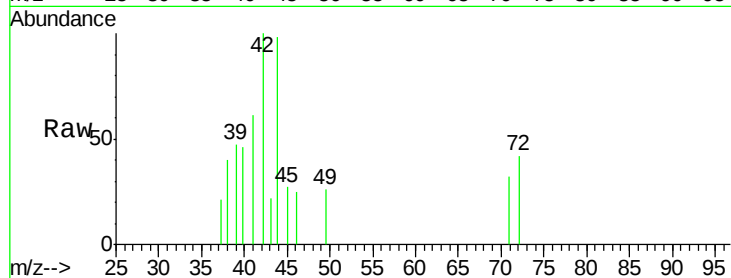
Tot Ion: 42 Resp: 468

Ion Ratio Lower Upper

42 100

72 37.2 32.0 48.0

71 23.3 30.1 45.1#



#33

1,2-Dichloroethane-d4

Concen: 44.52 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002738.D

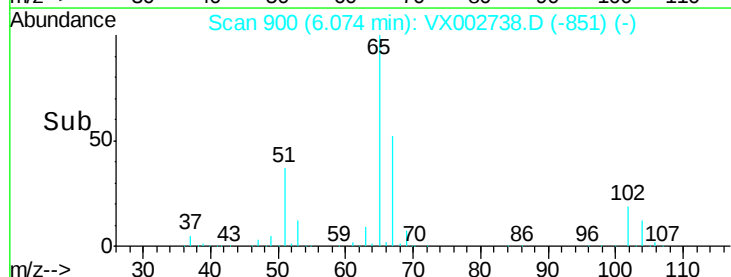
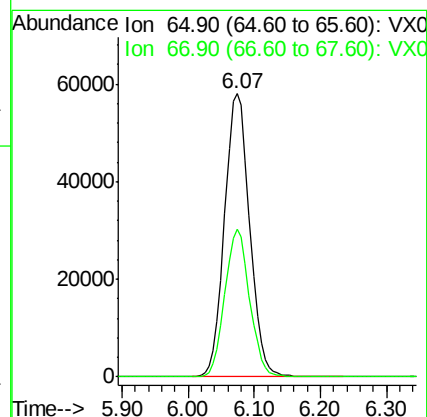
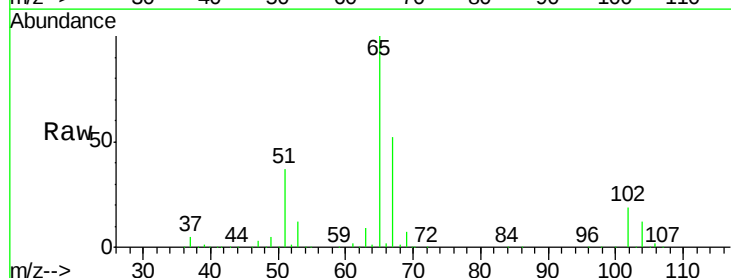
Acq: 20 Jun 2018 03:22

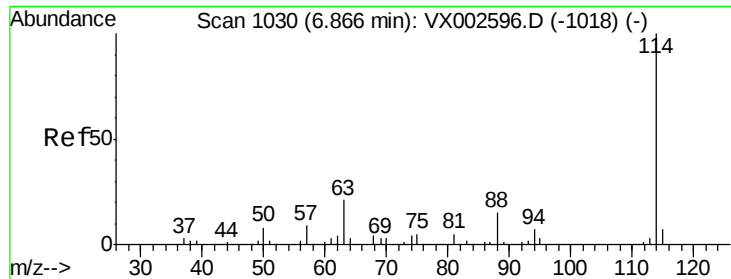
Tgt Ion: 65 Resp: 152795

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.6

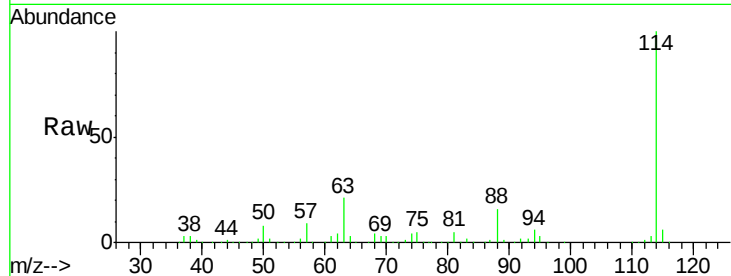




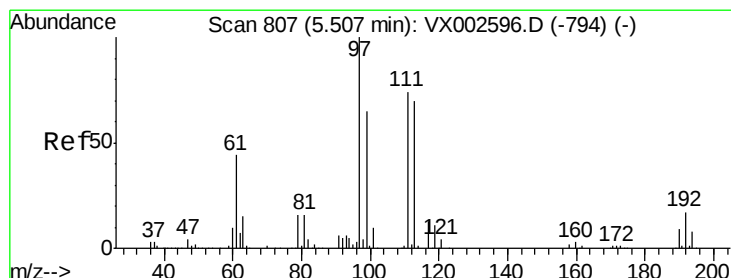
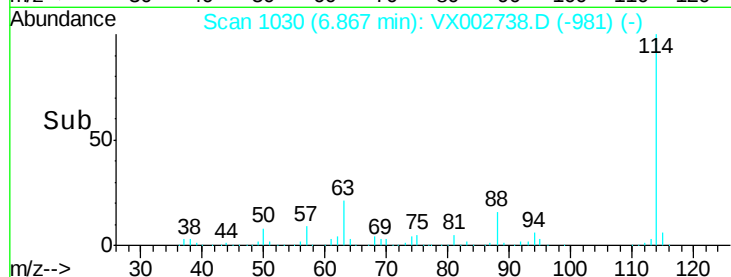
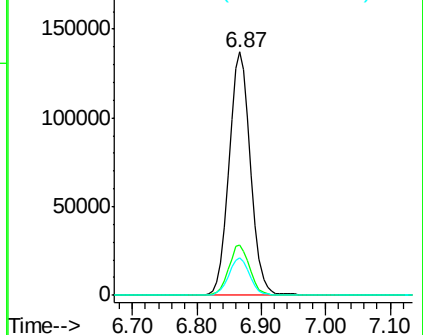
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002738.D
 Acq: 20 Jun 2018 03:22

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:114 Resp: 321262
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.4
 88 15.5 0.0 30.0

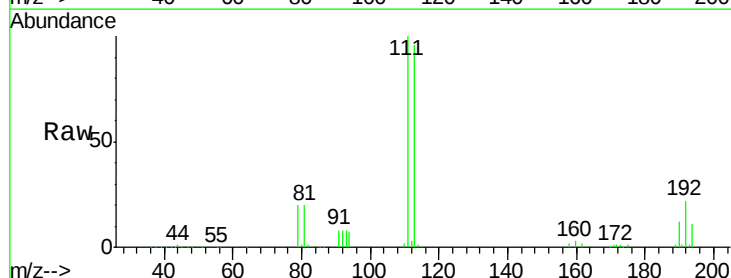


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

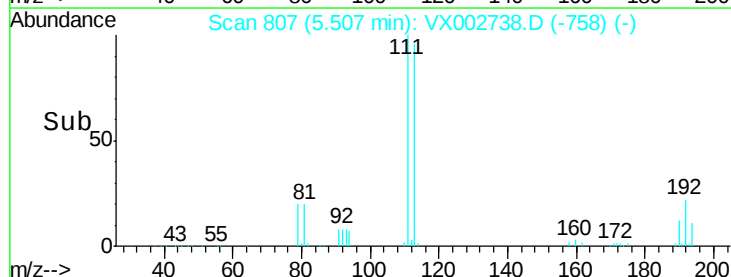
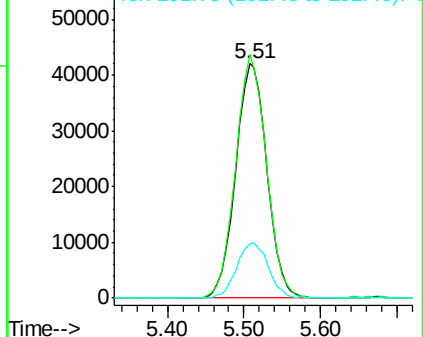


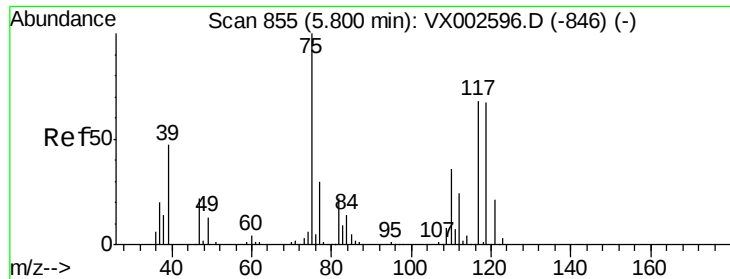
#35
 Dibromofluoromethane
 Concen: 46.43 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002738.D
 Acq: 20 Jun 2018 03:22

Tgt Ion:113 Resp: 119050
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.4 122.0
 192 23.8 19.1 28.7



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

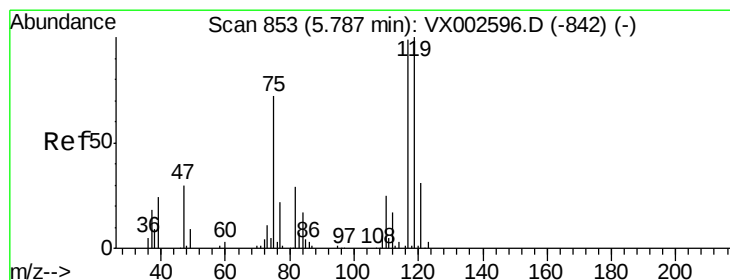
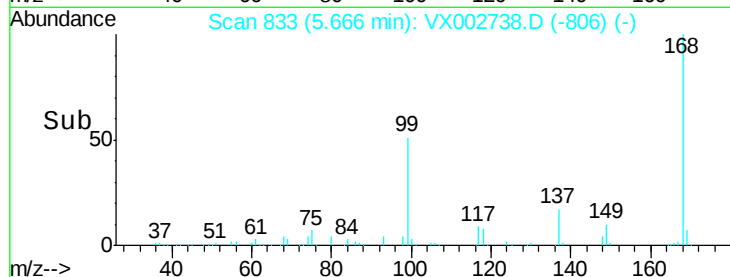
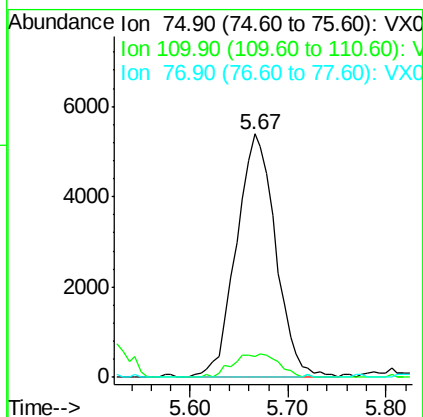
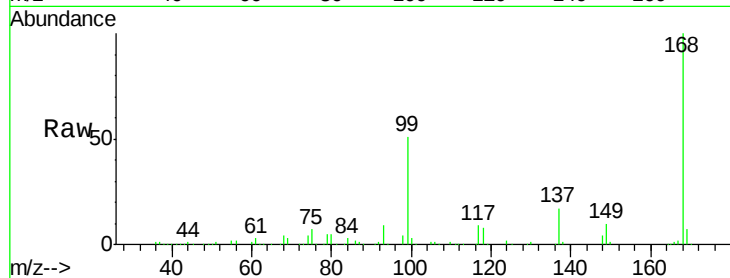




#36
 1,1-Dichloropropene
 Concen: 4.39 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX002738.D
 Acq: 20 Jun 2018 03:22

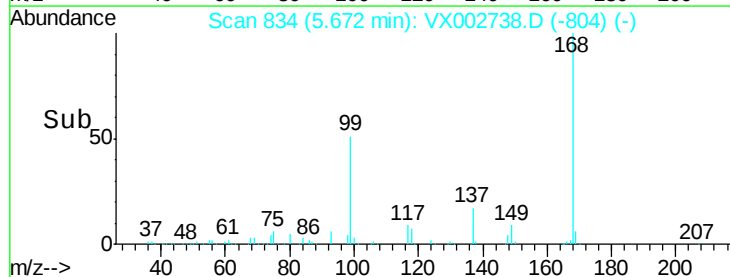
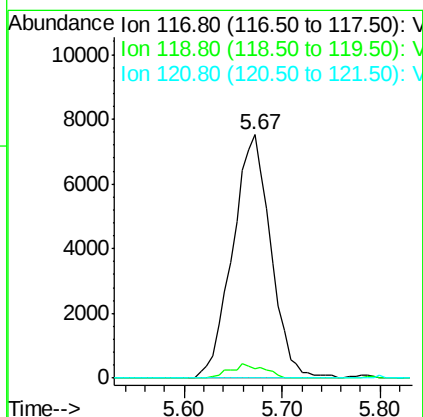
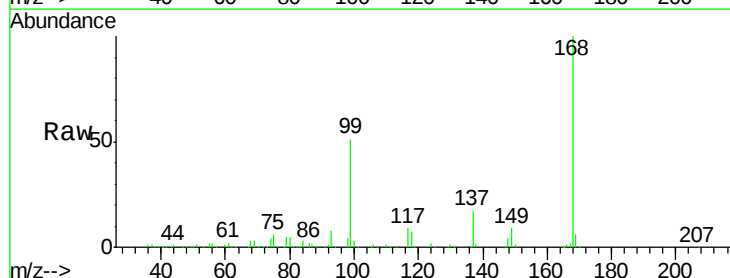
Instrument :
 MSVOA_X
 ClientSampleId :

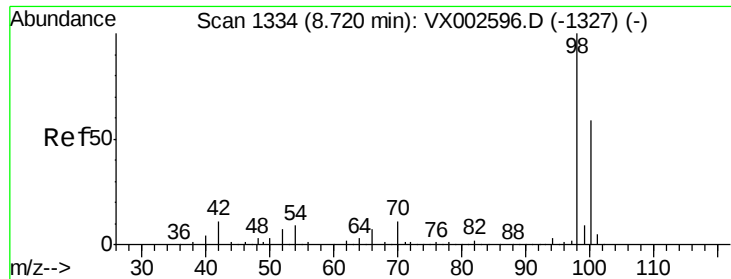
Tot Ion	75	Resp	14984
Ion Ratio	100	Lower	Upper
75	100		
110	5.9	18.1	54.4#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 6.00 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX002738.D
 Acq: 20 Jun 2018 03:22

Tgt Ion	117	Resp	20369
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.1	77.4	116.0#
121	0.0	24.4	36.6#

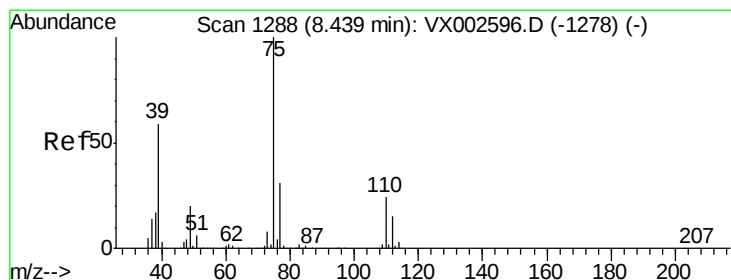
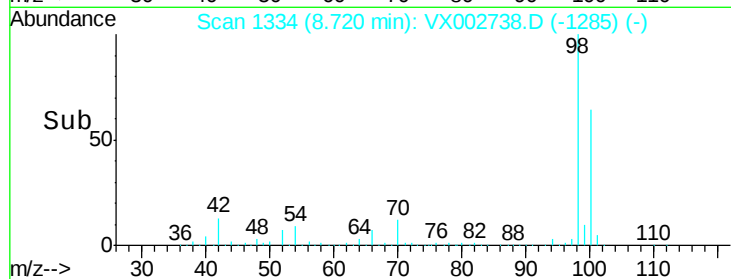
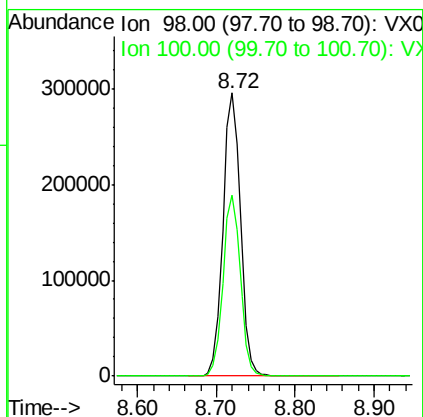
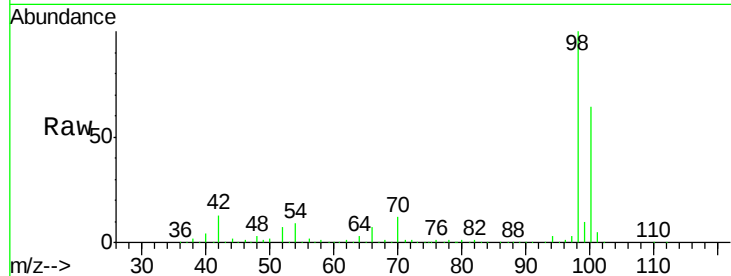




#50
Toluene-d8
Concen: 46.99 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002738.D
Acq: 20 Jun 2018 03:22

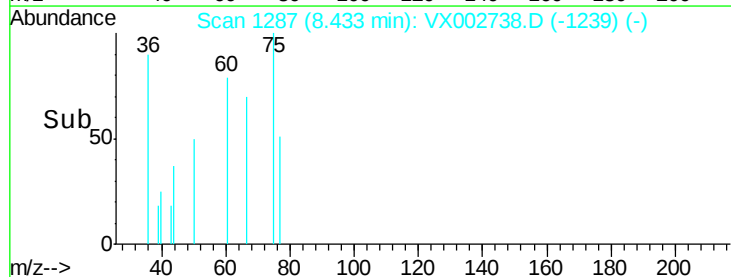
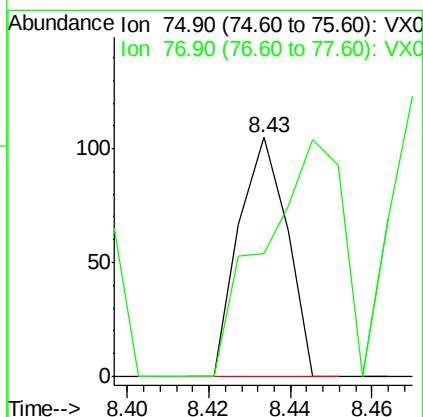
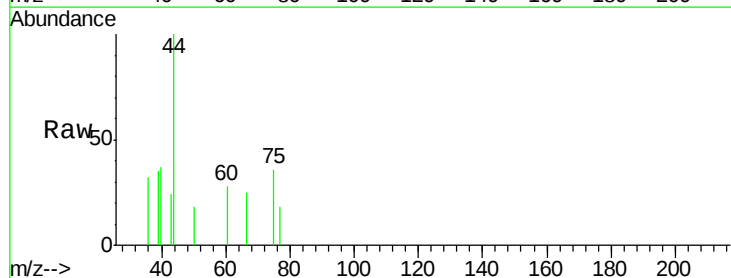
Instrument :
MSVOA_X
ClientSampled :

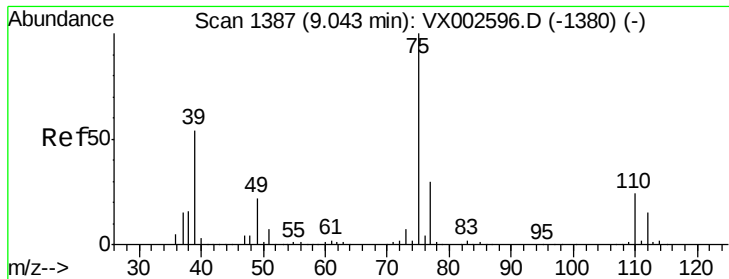
Tot Ion: 98 Resp: 457490
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#53
t-1,3-Dichloropropene
Concen: 2.41 ug/l
RT: 8.43 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VX002738.D
Acq: 20 Jun 2018 03:22

Tgt Ion: 75 Resp: 86
Ion Ratio Lower Upper
75 100
77 51.4 25.4 38.2#



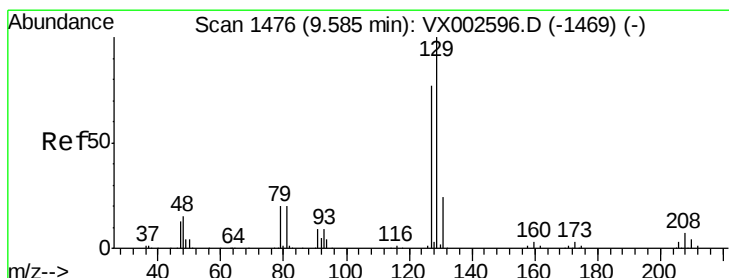
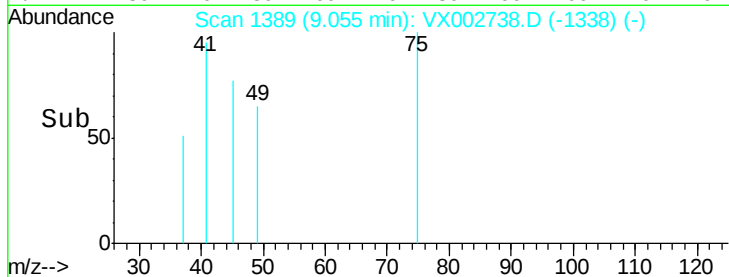
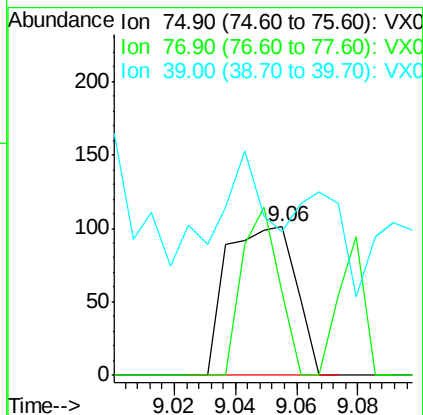
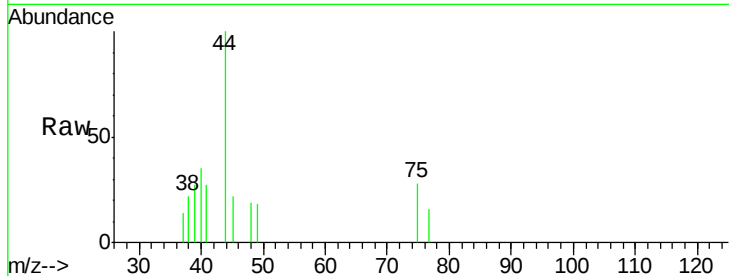


#54

cis-1,3-Dichloropropene
Concen: 3.25 ug/l
RT: 9.06 min Scan# 1389
Delta R.T. 0.01 min
Lab File: VX002738.D
Acq: 20 Jun 2018 03:22

Instrument :
MSVOA_X
ClientSampled :

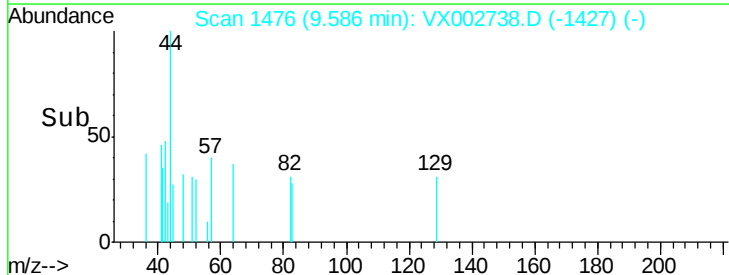
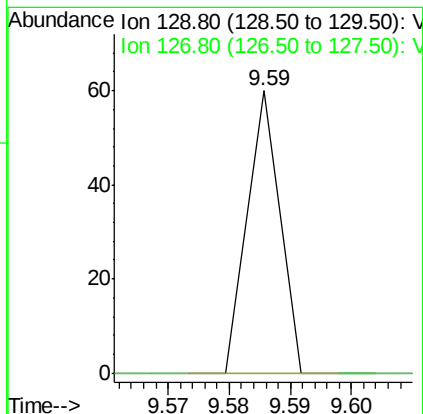
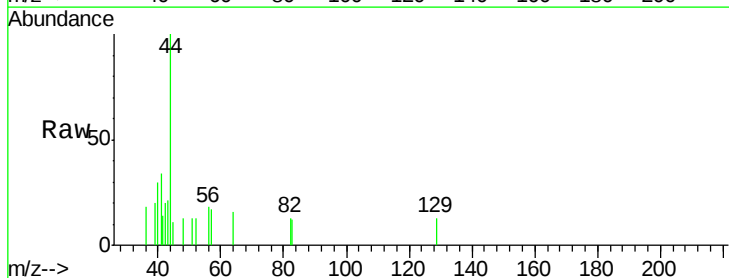
Tot Ion: 75 Resp: 158
Ion Ratio Lower Upper
75 100
77 56.4 24.8 37.2#
39 0.0 42.4 63.6#

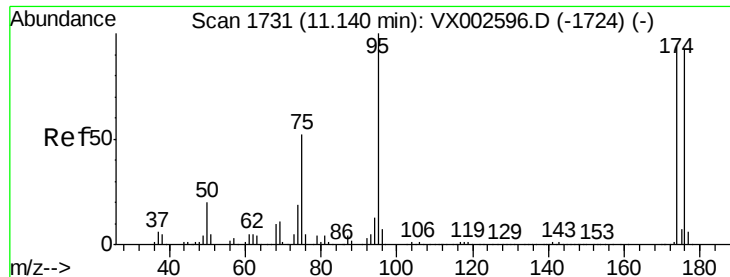


#60

Dibromochloromethane
Concen: 3.77 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002738.D
Acq: 20 Jun 2018 03:22

Tgt Ion: 129 Resp: 22
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#

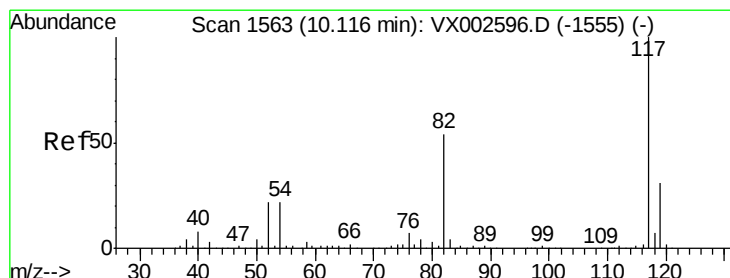
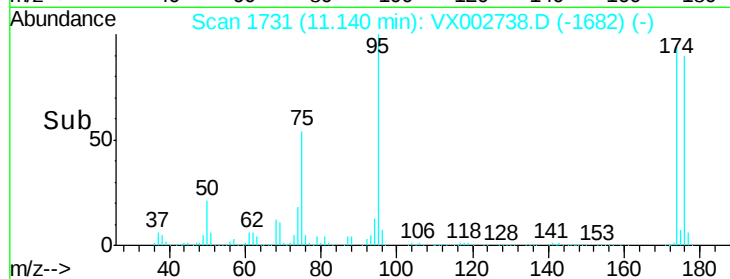
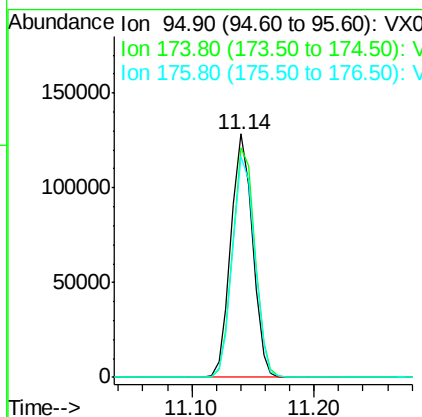
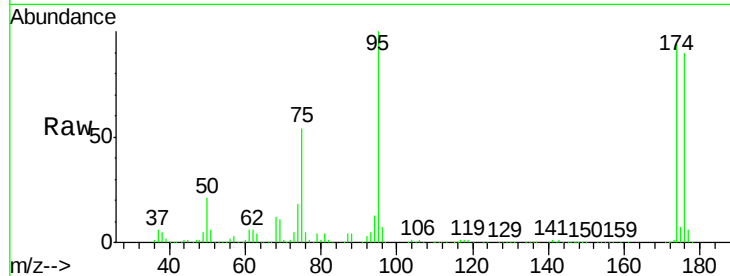




#62
4-Bromofluorobenzene
Concen: 42.51 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002738.D
Acq: 20 Jun 2018 03:22

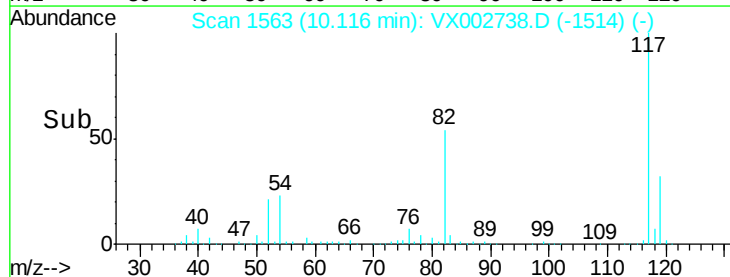
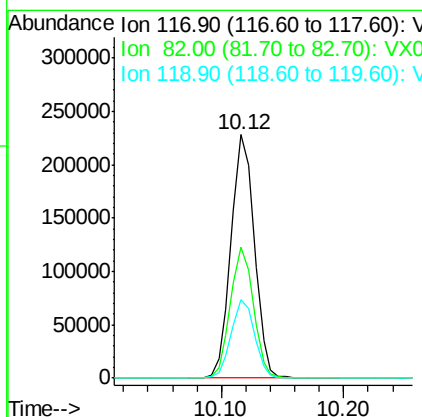
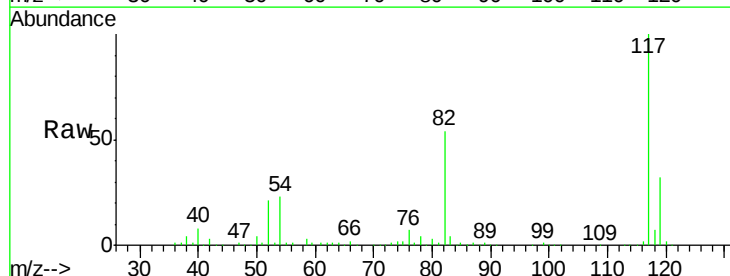
Instrument :
MSVOA_X
ClientSampleId :

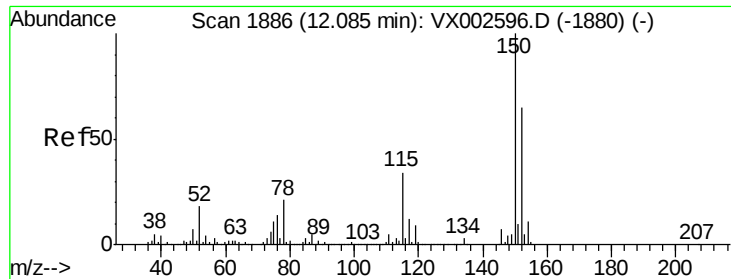
Tot Ion: 95 Resp: 156805
Ion Ratio Lower Upper
95 100
174 97.7 0.0 187.4
176 92.8 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002738.D
Acq: 20 Jun 2018 03:22

Tgt Ion: 117 Resp: 301351
Ion Ratio Lower Upper
117 100
82 53.9 45.0 67.4
119 32.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002738.D

Acq: 20 Jun 2018 03:22

Instrument :

MSVOA_X

ClientSampleId :

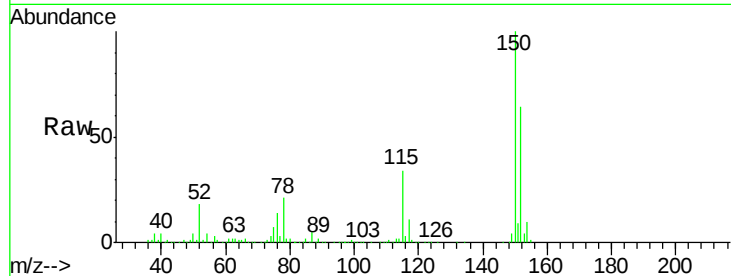
Tot Ion:152 Resp: 169511

Ion Ratio Lower Upper

152 100

115 53.7 40.1 120.2

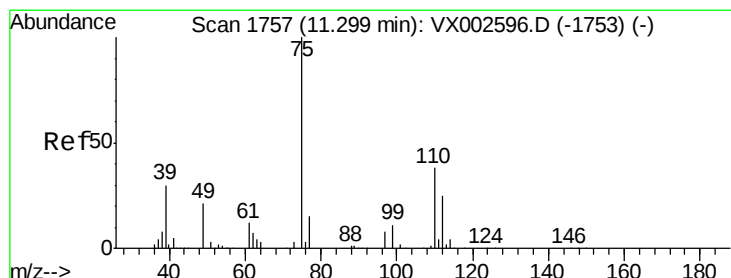
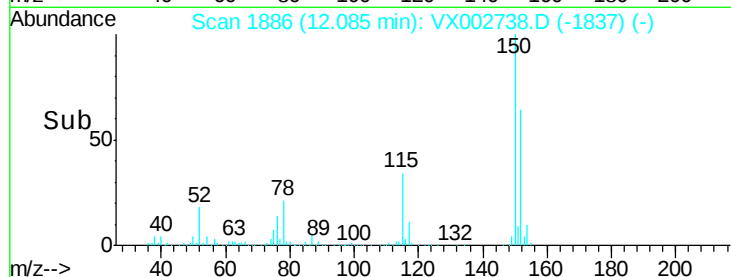
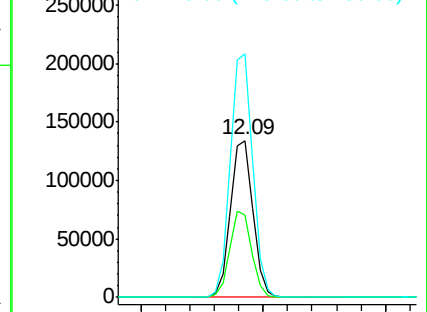
150 154.8 0.0 347.2



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



#76

1,2,3-Trichloropropane

Concen: 26.23 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002738.D

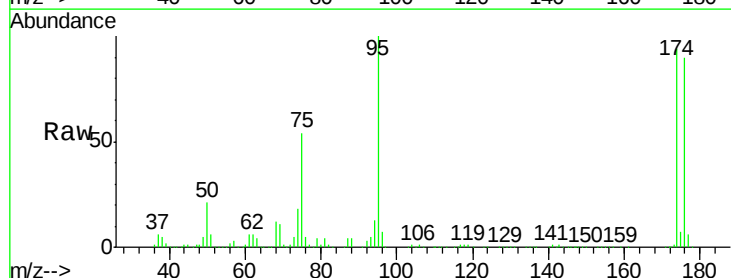
Acq: 20 Jun 2018 03:22

Tgt Ion: 75 Resp: 83889

Ion Ratio Lower Upper

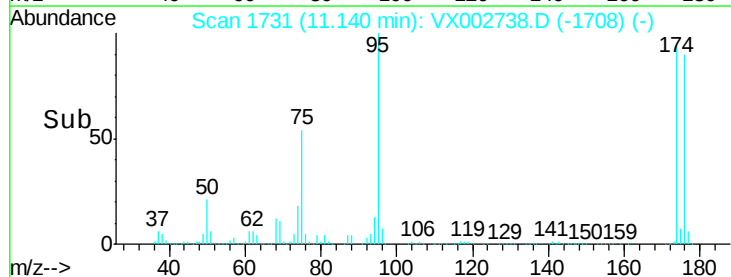
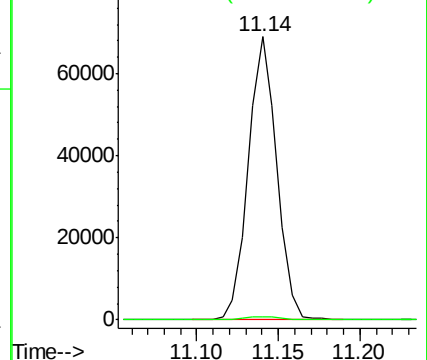
75 100

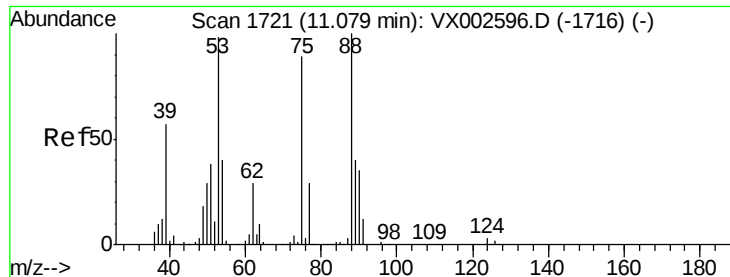
77 1.5 22.8 68.3#



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: 81.08 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002738.D

Acq: 20 Jun 2018 03:22

Instrument :

MSVOA_X

ClientSampled :

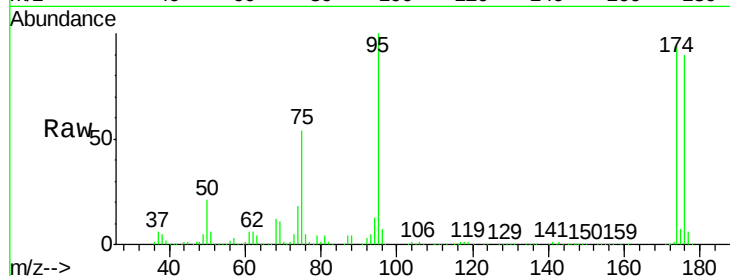
Tot Ion: 75 Resp: 83889

Ion Ratio Lower Upper

75 100

53 0.2 86.8 130.2#

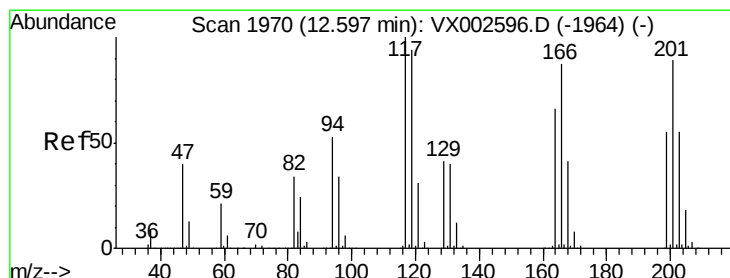
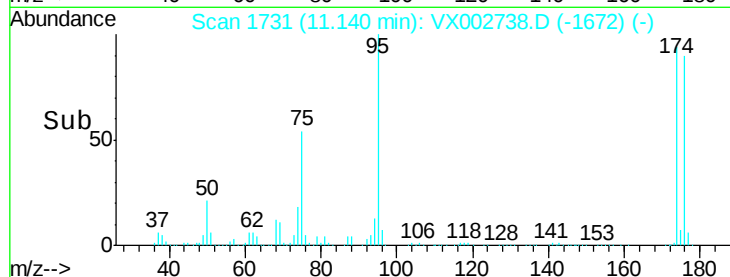
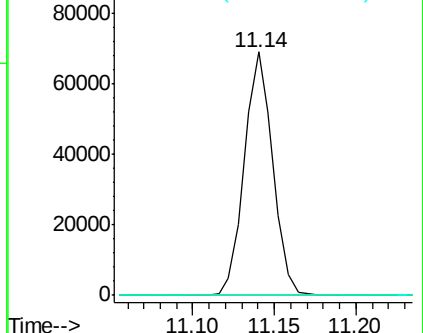
89 0.0 38.2 57.2#



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



#90

Hexachloroethane

Concen: 2.65 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.19 min

Lab File: VX002738.D

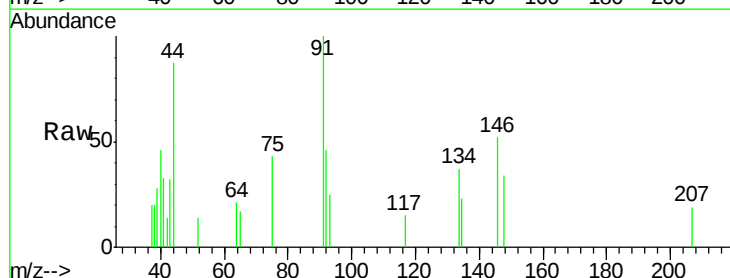
Acq: 20 Jun 2018 03:22

Tgt Ion: 117 Resp: 39

Ion Ratio Lower Upper

117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

