

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061918\
 Data File : VX002723.D
 Acq On : 19 Jun 2018 19:51
 Operator : JC/MD
 Sample : J3523-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 20 01:04:29 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	205608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	293061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	271110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	153713	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	142115	45.48	ug/l	0.00
Spiked Amount			Recovery	=	90.96%	
35) Dibromofluoromethane	5.51	113	109735	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	
50) Toluene-d8	8.72	98	416689	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	
62) 4-Bromofluorobenzene	11.14	95	143549	42.66	ug/l	0.00
Spiked Amount			Recovery	=	85.32%	

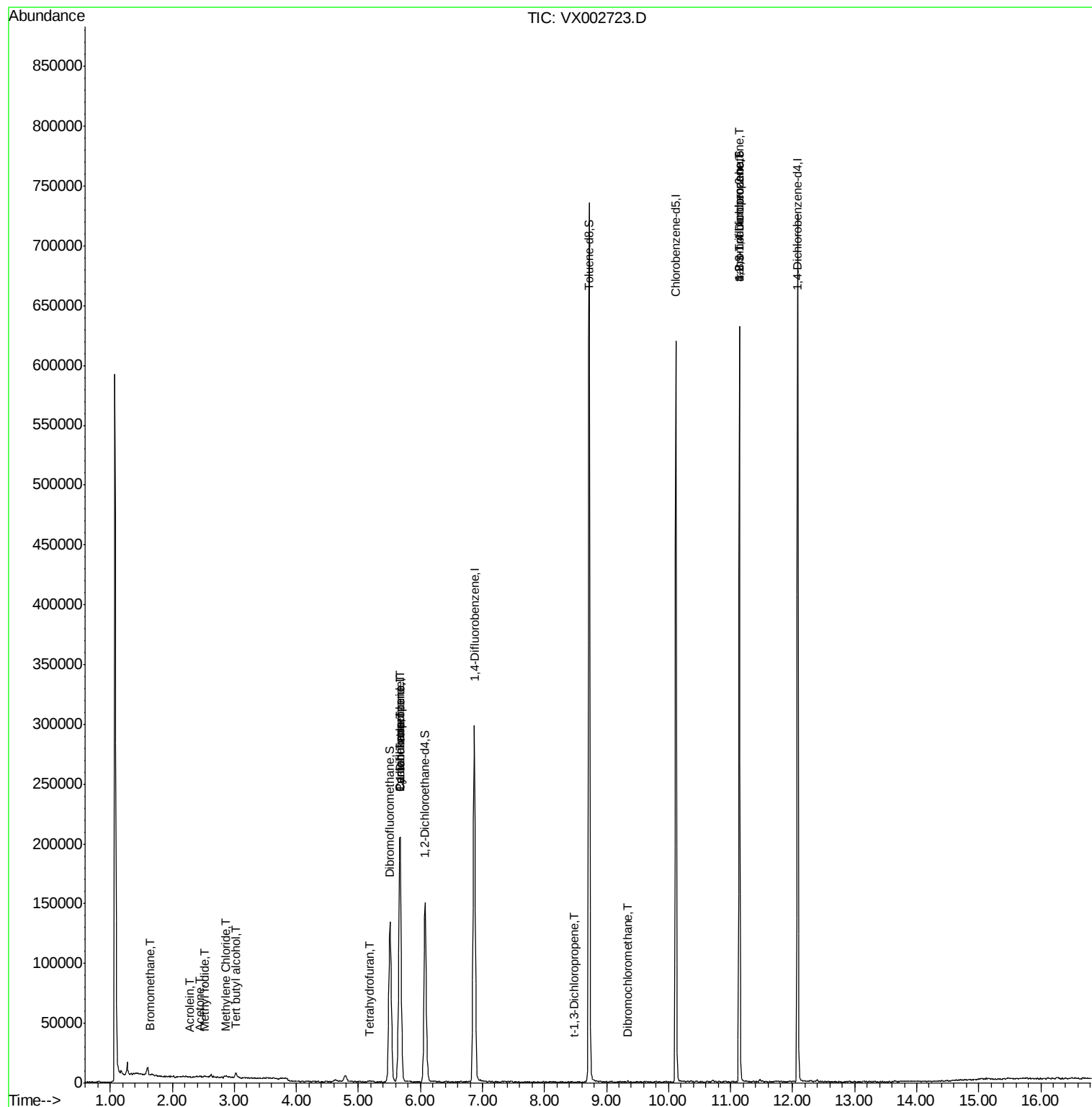
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1243	0.76	ug/l #	66
10) Methyl Iodide	2.51	142	1047	5.47	ug/l	92
11) Tert butyl alcohol	3.03	59	2323	3.60	ug/l #	85
13) Acrolein	2.28	56	224	7.58	ug/l #	72
16) Acetone	2.45	43	677	0.49	ug/l	92
20) Methylene Chloride	2.86	84	743	0.26	ug/l #	91
29) Tetrahydrofuran	5.18	42	593	0.50	ug/l #	77
31) Cyclohexane	5.67	56	4222	1.14	ug/l #	15
36) 1,1-Dichloropropene	5.67	75	14618	4.70	ug/l #	49
38) Carbon Tetrachloride	5.67	117	18703	6.03	ug/l #	16
53) t-1,3-Dichloropropene	8.47	75	39	2.40	ug/l #	43
60) Dibromochloromethane	9.35	129	30	3.77	ug/l #	11
76) 1,2,3-Trichloropropane	11.14	75	77439	26.70	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.14	75	77439	82.46	ug/l #	6

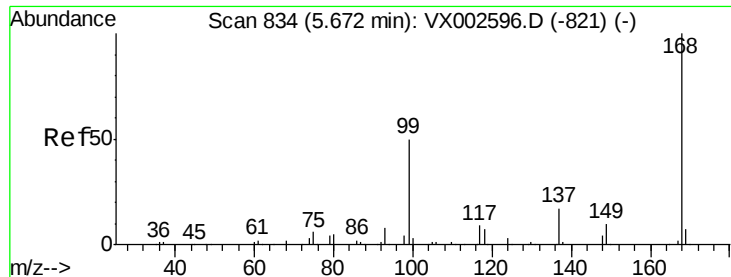
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061918\
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ClientSampled :

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
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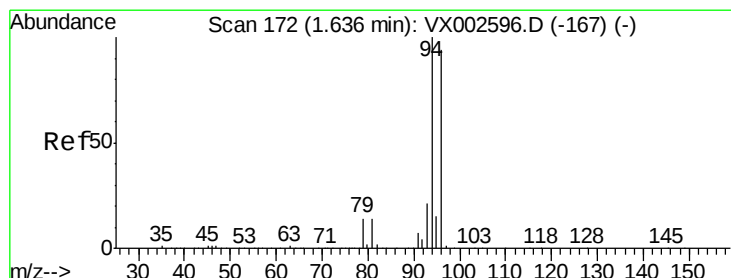
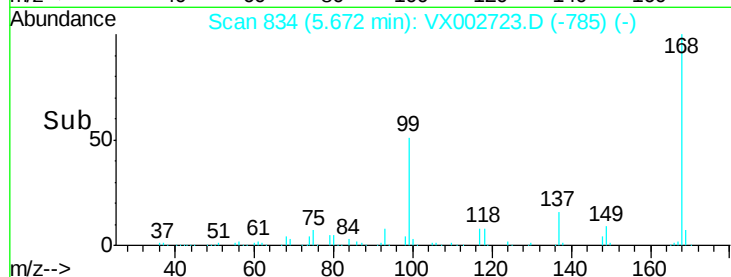
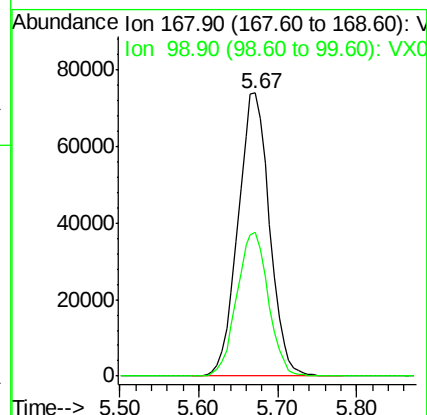
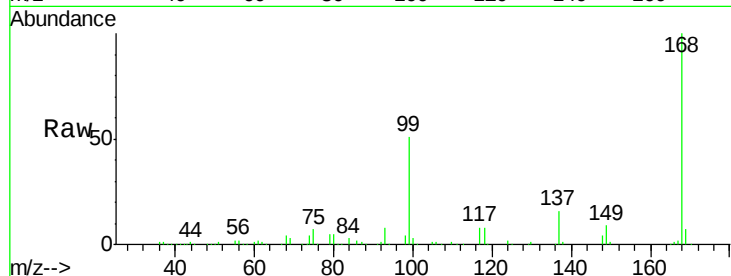




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX002723.D
Acq: 19 Jun 2018 19:51

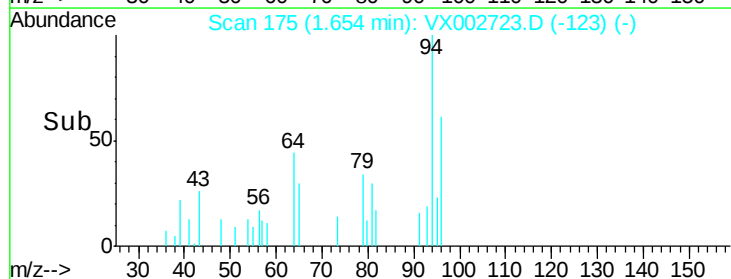
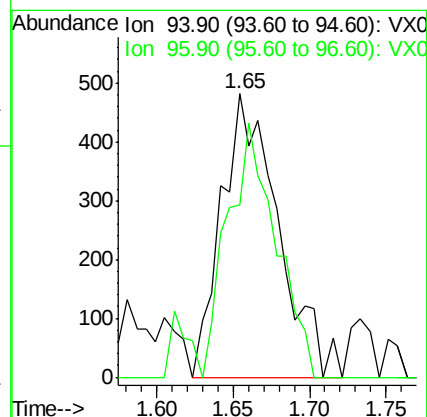
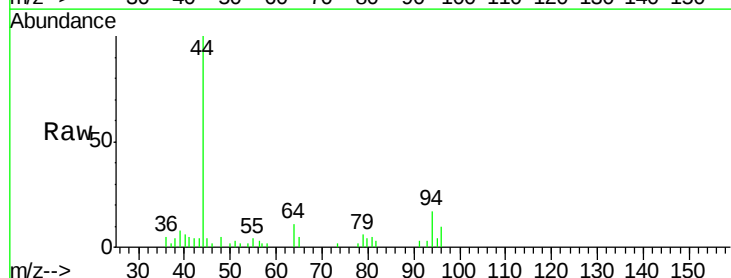
Instrument :
MSVOA_X
ClientSampled :

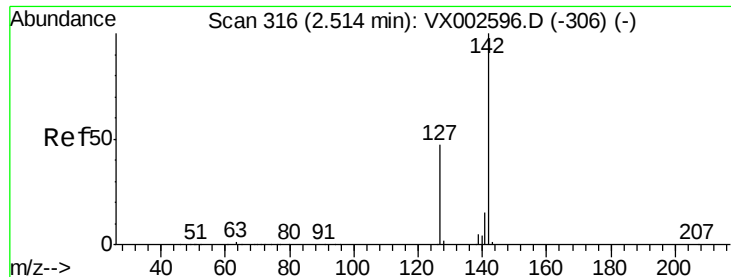
Tot Ion:168 Resp: 205608
Ion Ratio Lower Upper
168 100
99 50.5 39.3 58.9



#5
Bromomethane
Concen: 0.76 ug/l
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX002723.D
Acq: 19 Jun 2018 19:51

Tgt Ion: 94 Resp: 1243
Ion Ratio Lower Upper
94 100
96 61.0 74.9 112.3#

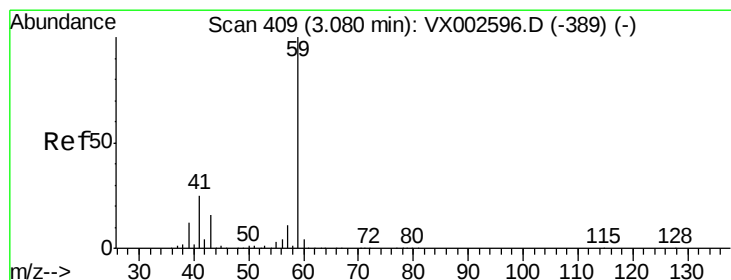
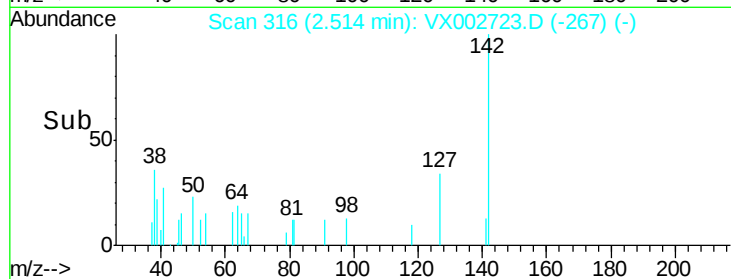
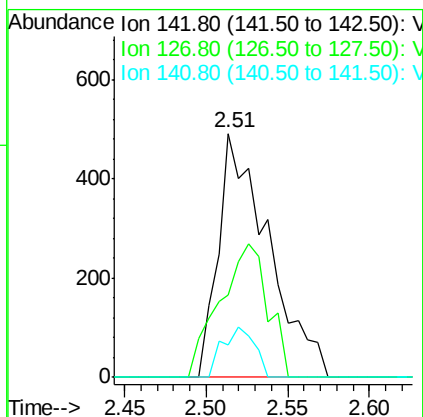
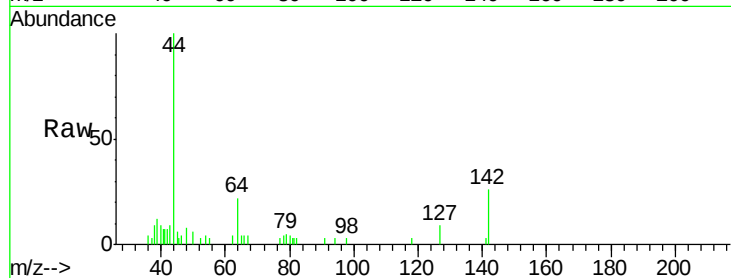




#10
Methvl Iodide
Concen: 5.47 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX002723.D
Acq: 19 Jun 2018 19:51

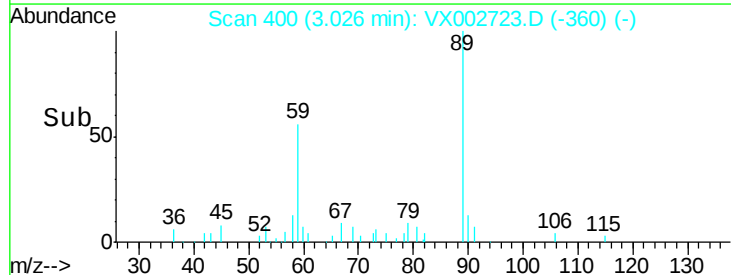
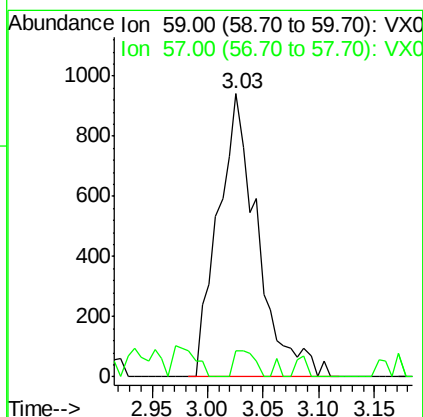
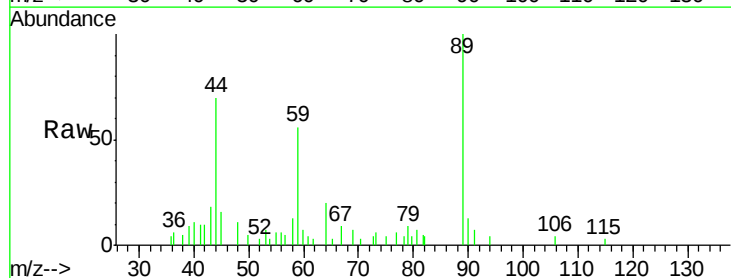
Instrument :
MSVOA_X
ClientSampleId :

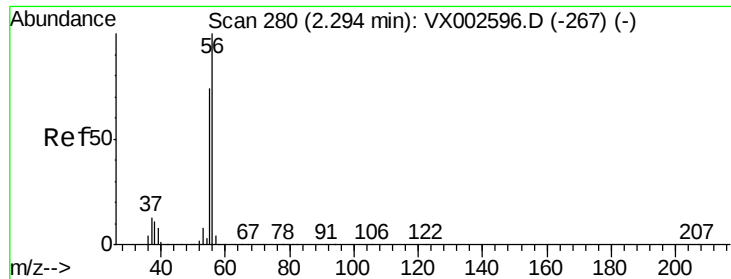
Tot Ion:142 Resp: 1047
Ion Ratio Lower Upper
142 100
127 52.3 36.6 55.0
141 13.2 11.3 16.9



#11
Tert butyl alcohol
Concen: 3.60 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX002723.D
Acq: 19 Jun 2018 19:51

Tgt Ion: 59 Resp: 2323
Ion Ratio Lower Upper
59 100
57 4.7 8.2 12.2#





#13

Acrolein

Concen: 7.58 ug/l

RT: 2.28 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX002723.D

Acq: 19 Jun 2018 19:51

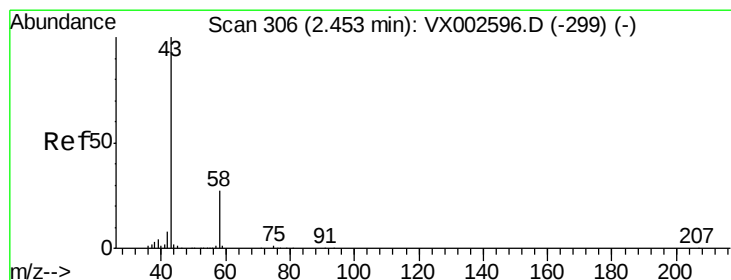
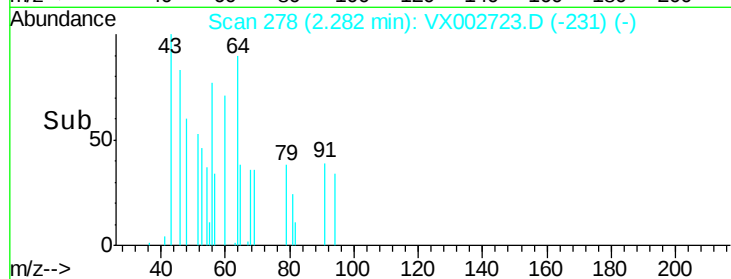
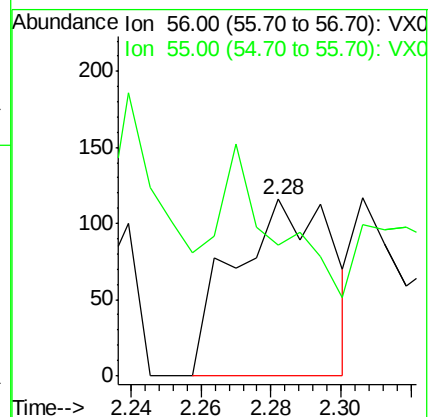
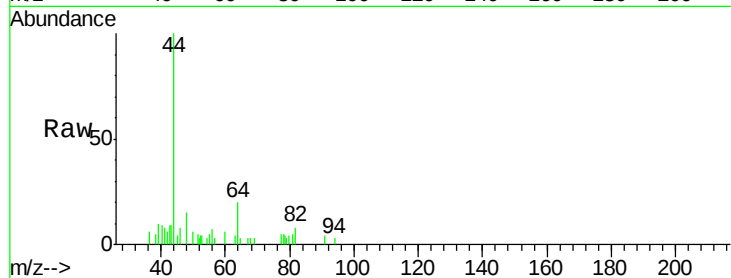
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 224

Ion Ratio Lower Upper

56 100

55 48.2 57.0 85.4#



#16

Acetone

Concen: 0.49 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002723.D

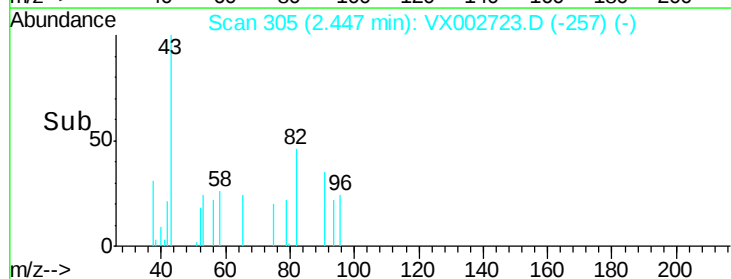
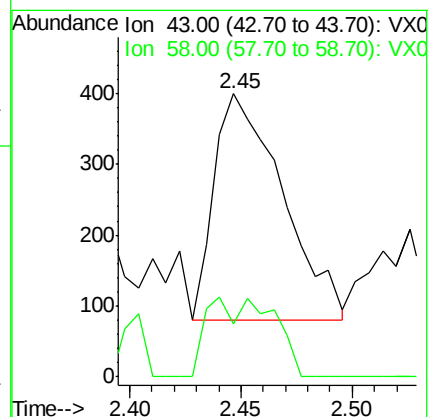
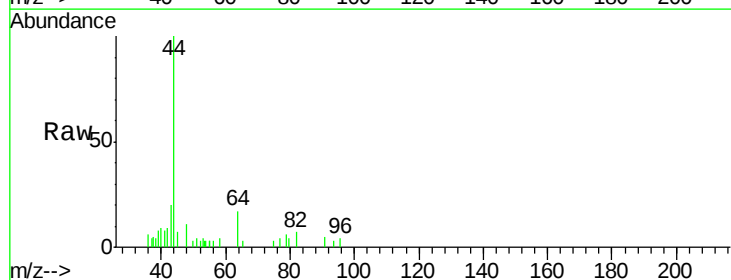
Acq: 19 Jun 2018 19:51

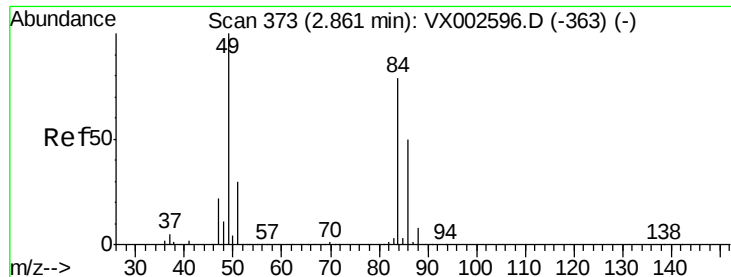
Tgt Ion: 43 Resp: 677

Ion Ratio Lower Upper

43 100

58 23.6 22.1 33.1

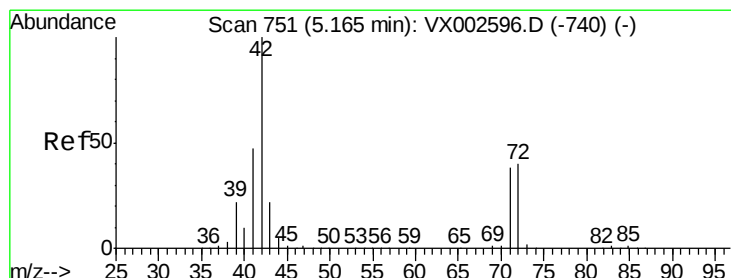
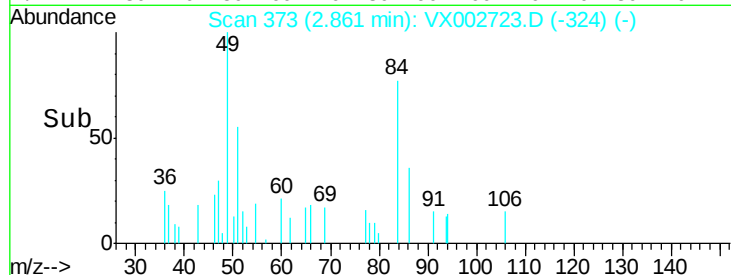
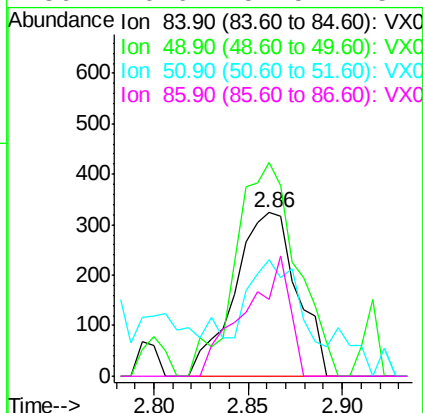
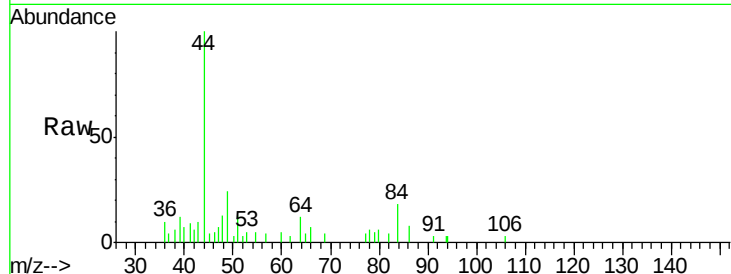




#20
Methvlene Chloride
Concen: 0.26 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002723.D
Acq: 19 Jun 2018 19:51

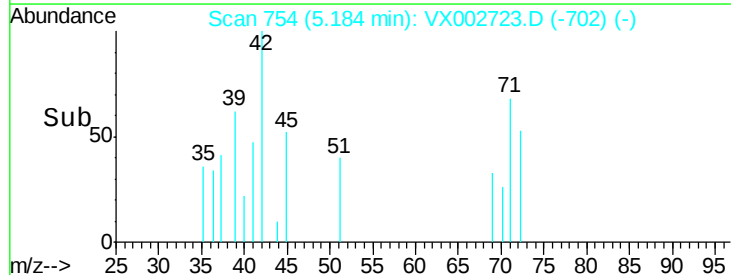
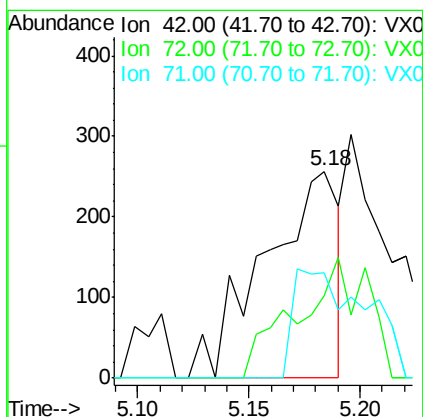
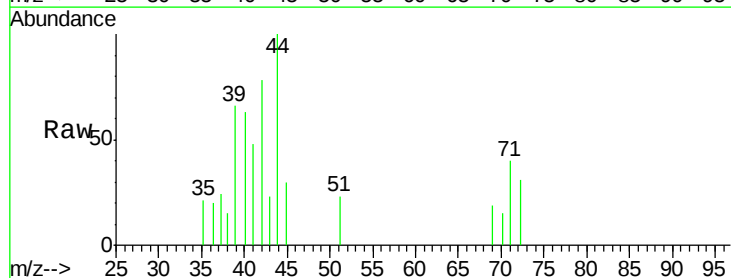
Instrument :
MSVOA_X
ClientSampled :

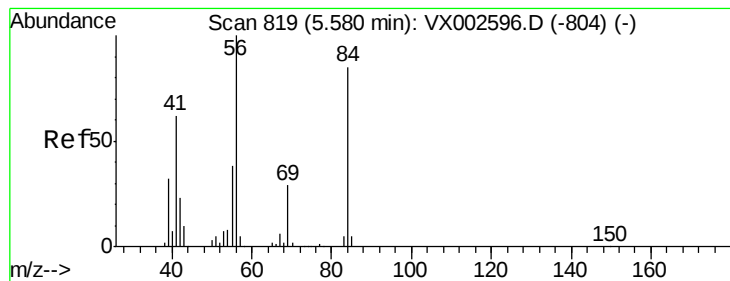
Tot Ion: 84 Resp: 743
Ion Ratio Lower Upper
84 100
49 130.6 107.8 161.6
51 41.7 32.8 49.2
86 46.6 52.5 78.7#



#29
Tetrahydrofuran
Concen: 0.50 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.02 min
Lab File: VX002723.D
Acq: 19 Jun 2018 19:51

Tgt Ion: 42 Resp: 593
Ion Ratio Lower Upper
42 100
72 54.8 32.0 48.0#
71 51.3 30.1 45.1#





#31

Cyclohexane

Concen: 1.14 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX002723.D

Acq: 19 Jun 2018 19:51

Instrument :
MSVOA_X
ClientSampleId :

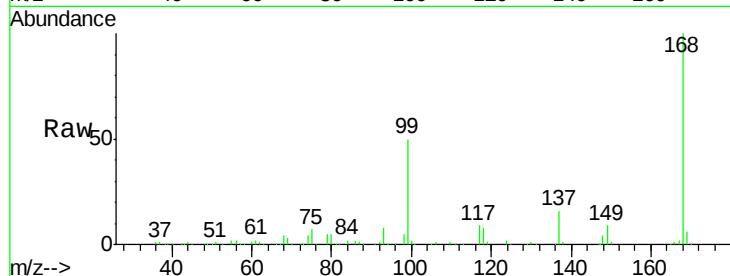
Tot Ion: 56 Resp: 4222

Ion Ratio Lower Upper

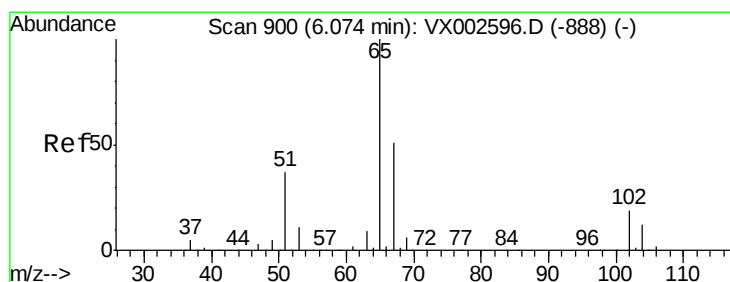
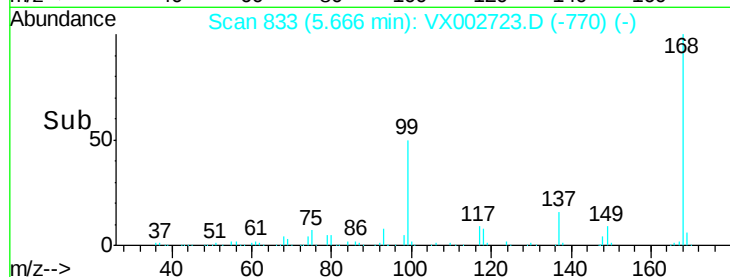
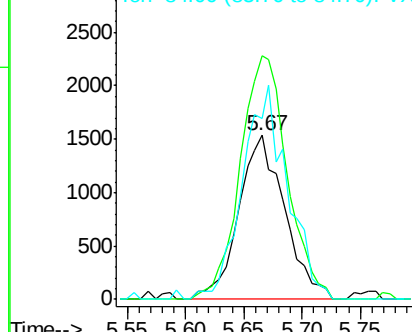
56 100

69 148.7 23.7 35.5#

84 110.4 64.1 96.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.48 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002723.D

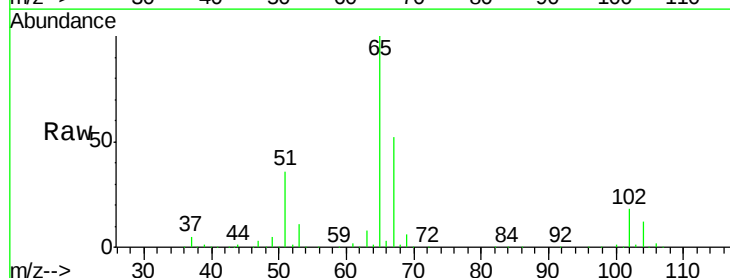
Acq: 19 Jun 2018 19:51

Tgt Ion: 65 Resp: 142115

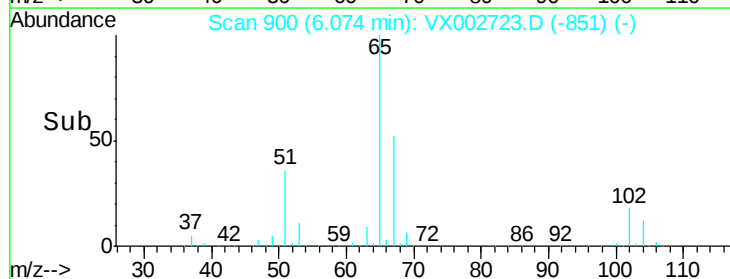
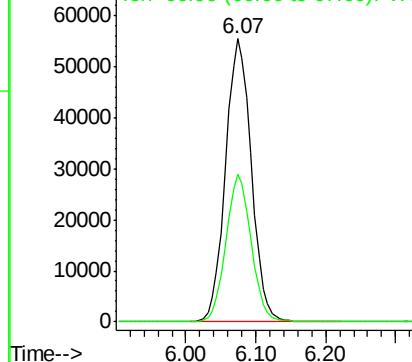
Ion Ratio Lower Upper

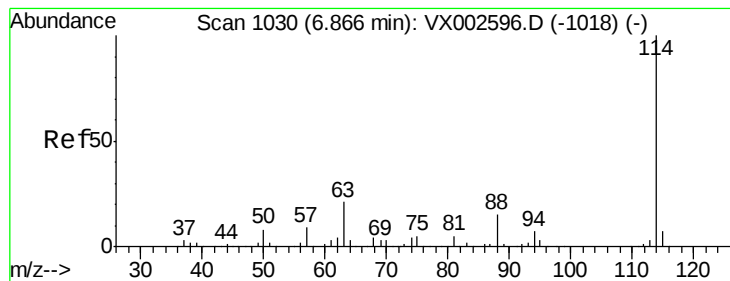
65 100

67 50.9 0.0 102.6



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: VX002723.D

Acq: 19 Jun 2018 19:51

Instrument :

MSVOA_X

ClientSampleId :

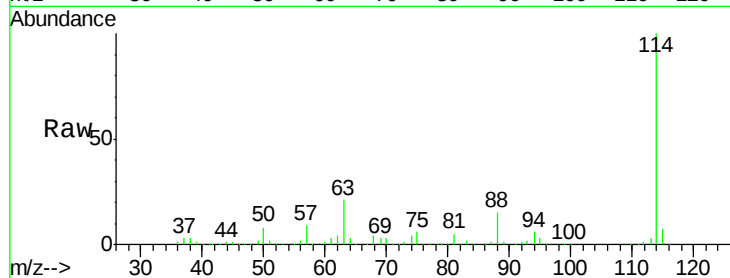
Tot Ion:114 Resp: 293061

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

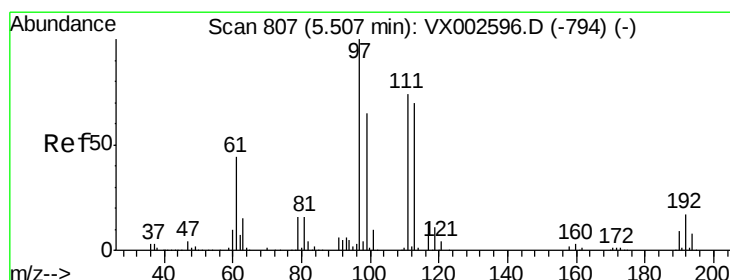
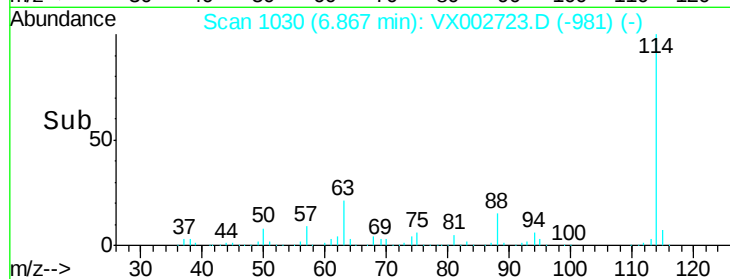
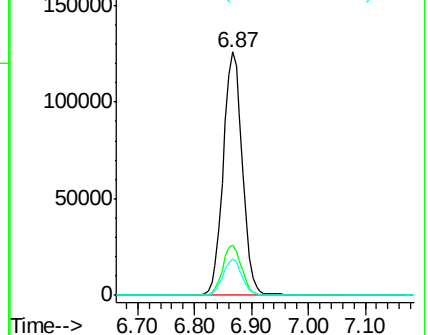
88 15.0 0.0 30.0



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: 46.92 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002723.D

Acq: 19 Jun 2018 19:51

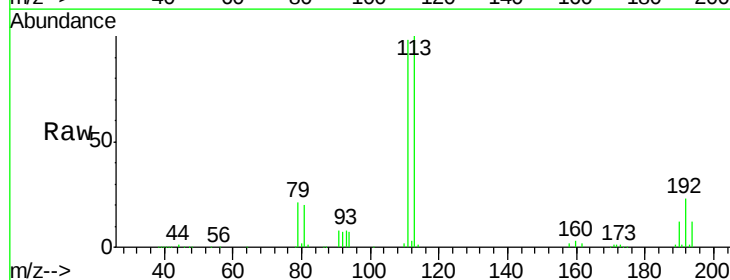
Tgt Ion:113 Resp: 109735

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

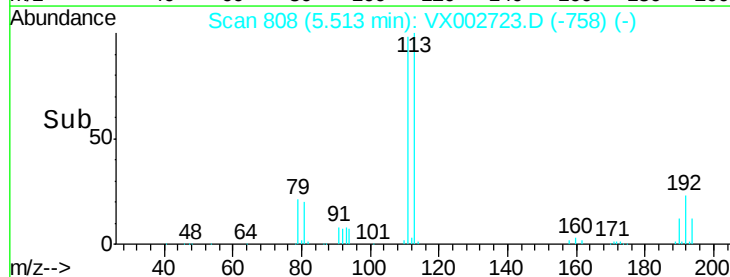
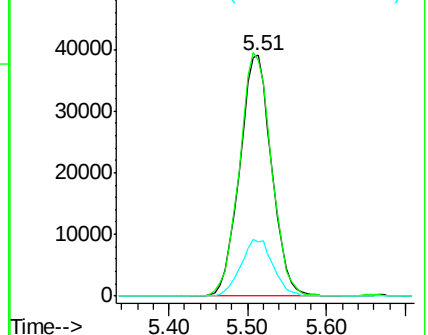
192 23.6 19.1 28.7

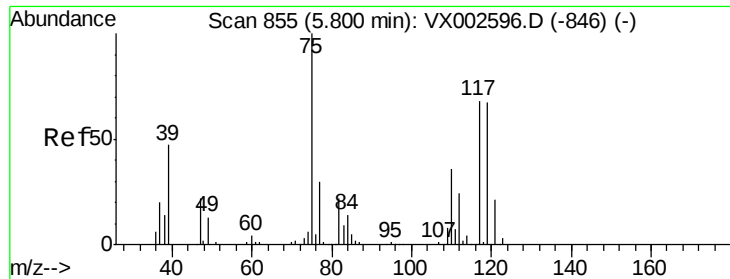


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

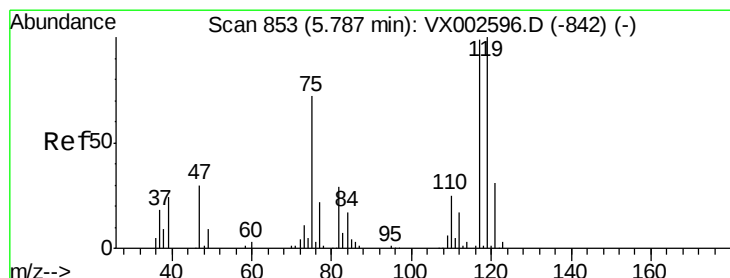
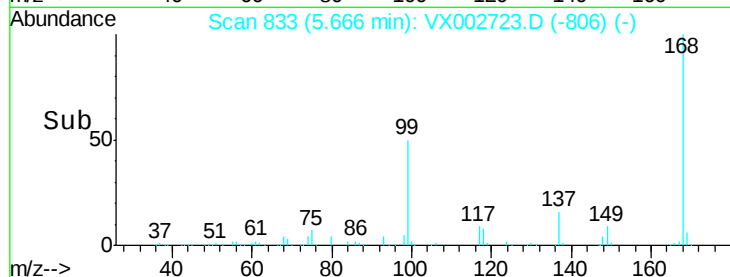
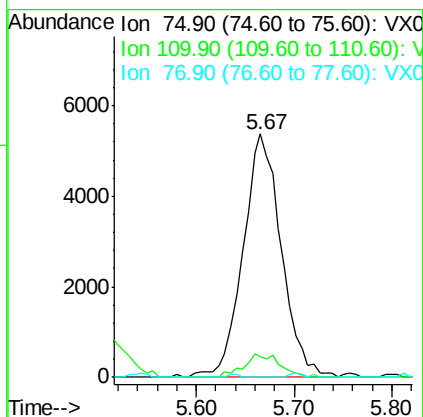
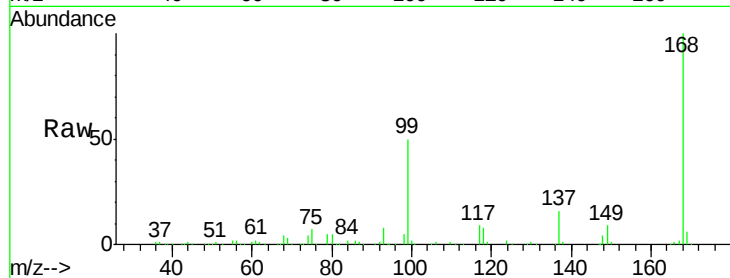




#36
 1,1-Dichloropropene
 Concen: 4.70 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX002723.D
 Acq: 19 Jun 2018 19:51

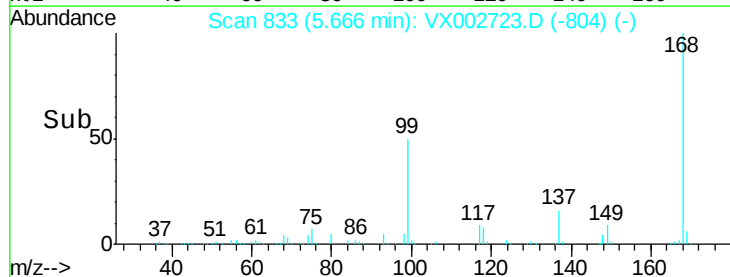
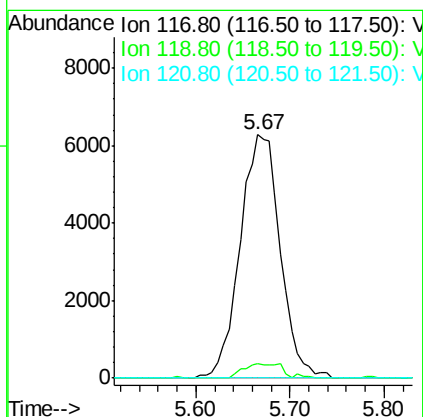
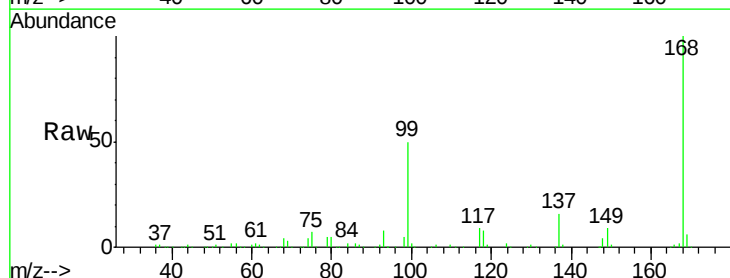
Instrument :
 MSVOA_X
 ClientSampleId :

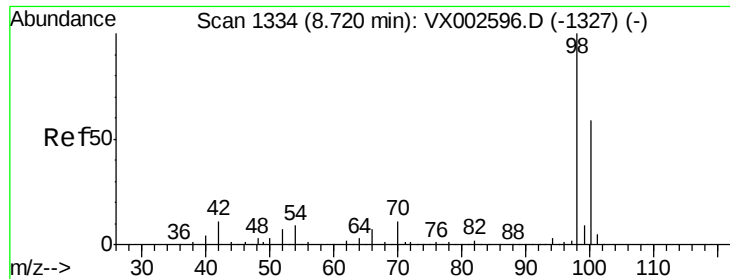
Tot Ion: 75 Resp: 14618
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.1 54.4#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.03 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX002723.D
 Acq: 19 Jun 2018 19:51

Tgt Ion: 117 Resp: 18703
 Ion Ratio Lower Upper
 117 100
 119 5.9 77.4 116.0#
 121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 46.92 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002723.D

Acq: 19 Jun 2018 19:51

Instrument :

MSVOA_X

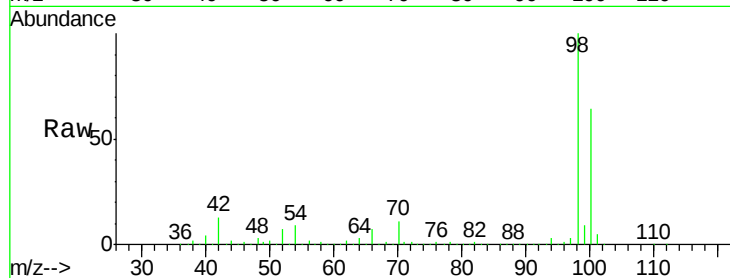
ClientSampled :

Tot Ion: 98 Resp: 416689

Ion Ratio Lower Upper

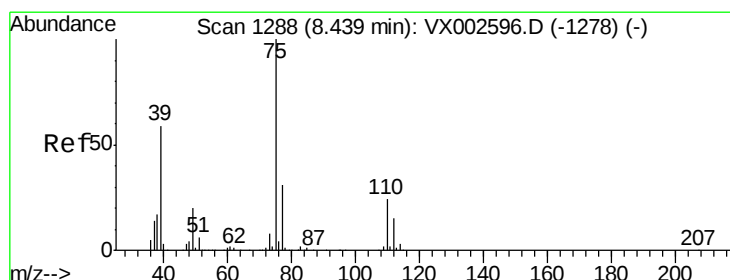
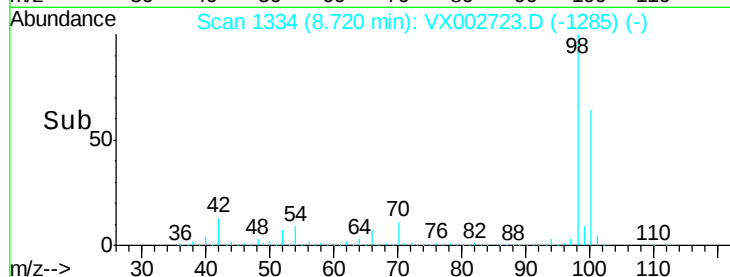
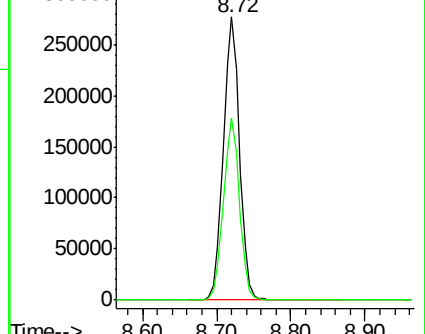
98 100

100 63.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#53

t-1,3-Dichloropropene

Concen: 2.40 ug/l

RT: 8.47 min Scan# 1293

Delta R.T. 0.03 min

Lab File: VX002723.D

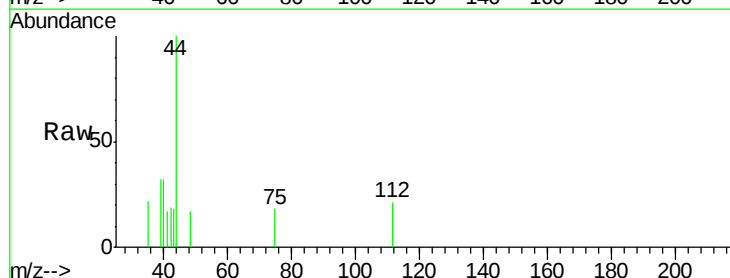
Acq: 19 Jun 2018 19:51

Tgt Ion: 75 Resp: 39

Ion Ratio Lower Upper

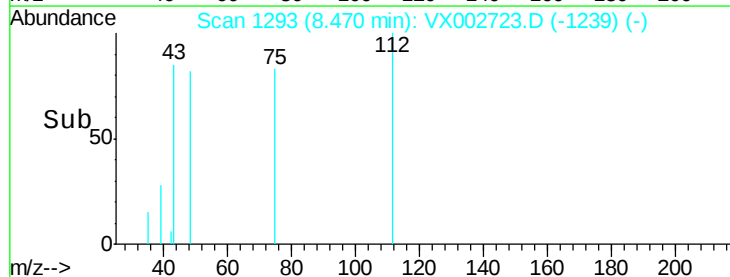
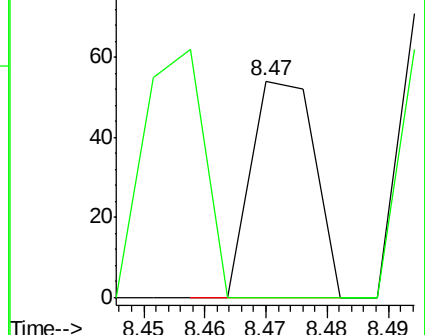
75 100

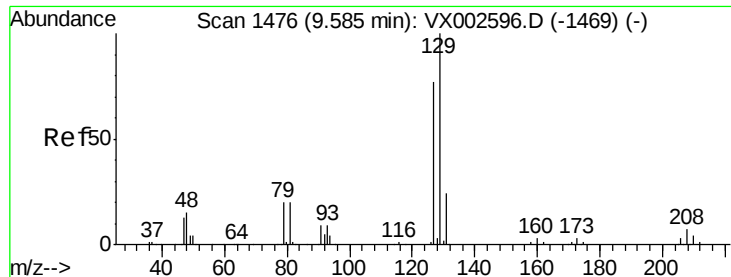
77 0.0 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#60

Dibromochloromethane

Concen: 3.77 ug/l

RT: 9.35 min Scan# 1438

Delta R.T. -0.23 min

Lab File: VX002723.D

Acq: 19 Jun 2018 19:51

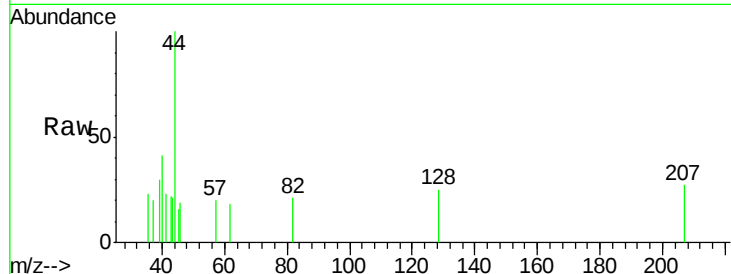
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 30

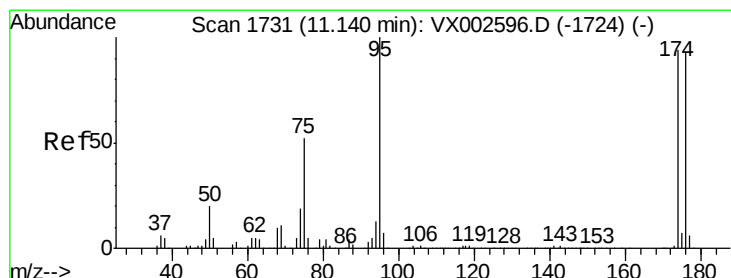
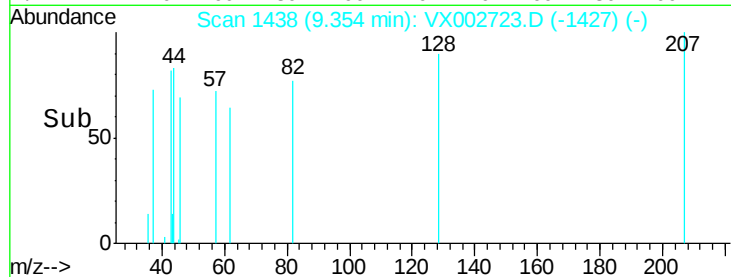
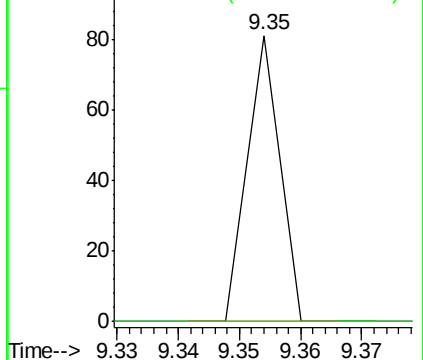
Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.3#



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 42.66 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002723.D

Acq: 19 Jun 2018 19:51

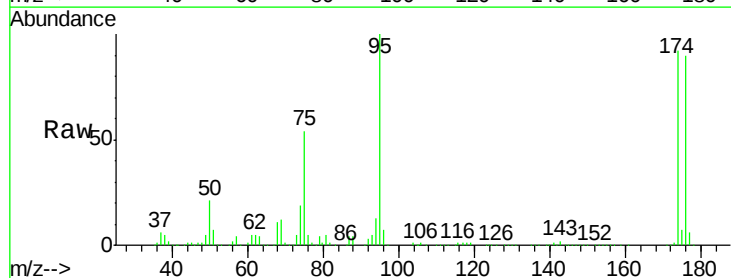
Tgt Ion: 95 Resp: 143549

Ion Ratio Lower Upper

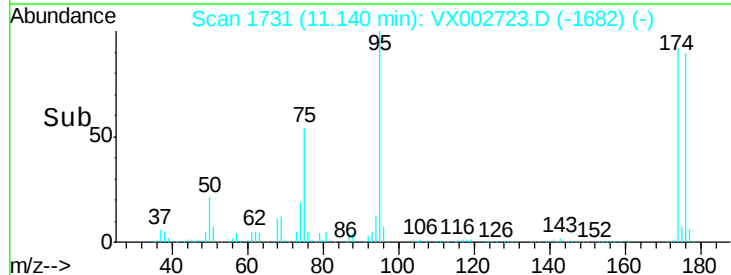
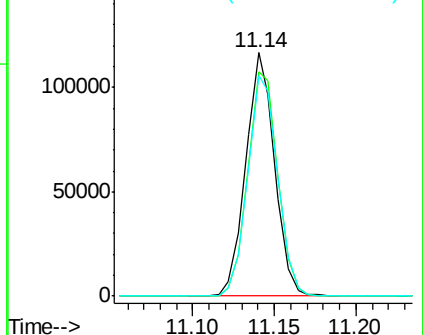
95 100

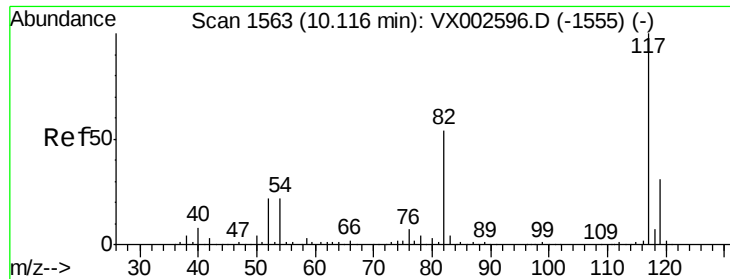
174 96.8 0.0 187.4

176 94.4 0.0 181.0



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

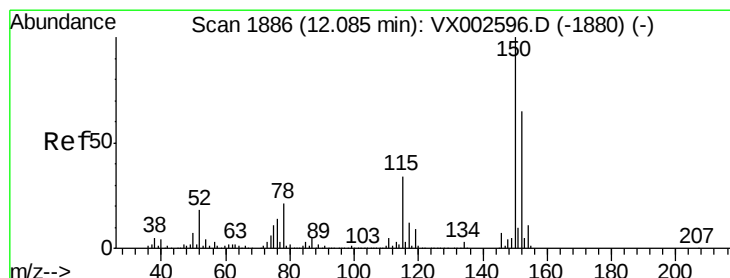
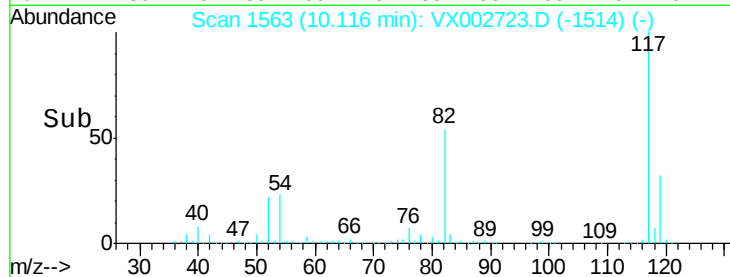
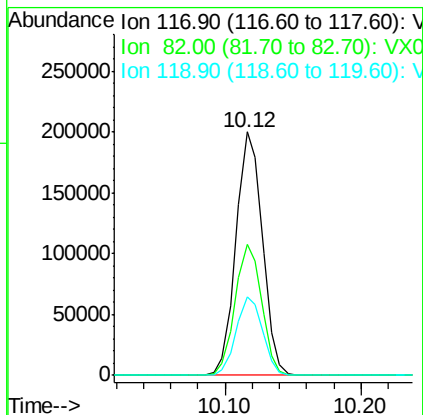
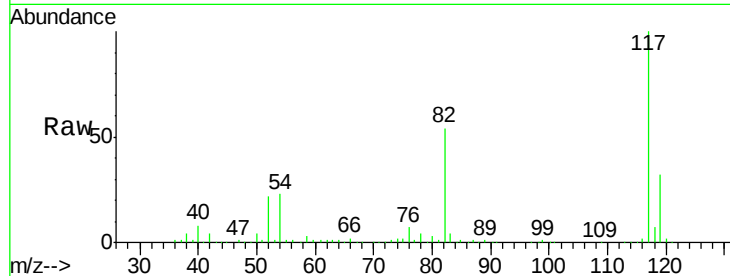




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002723.D
Acq: 19 Jun 2018 19:51

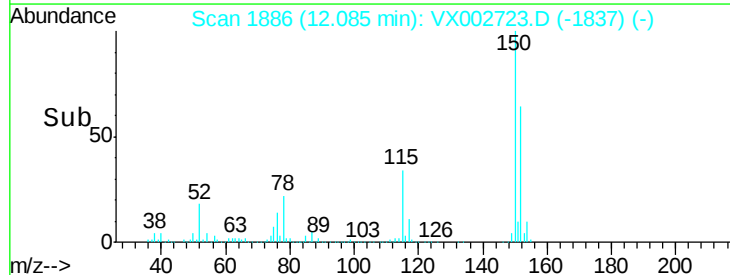
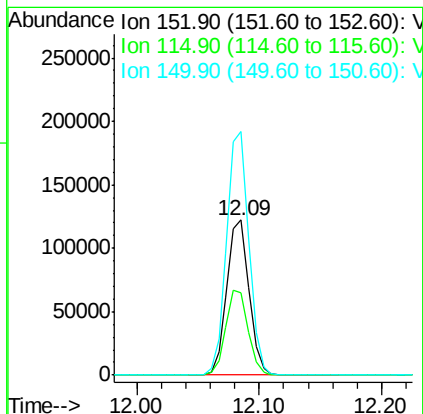
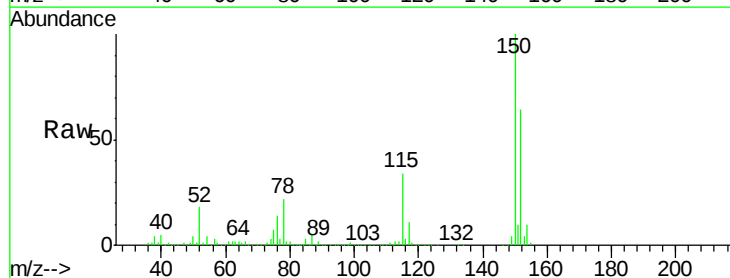
Instrument :
MSVOA_X
ClientSampled :

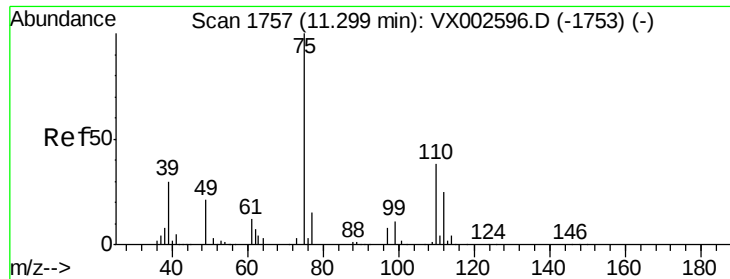
Tot Ion:117 Resp: 271110
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002723.D
Acq: 19 Jun 2018 19:51

Tgt Ion:152 Resp: 153713
Ion Ratio Lower Upper
152 100
115 54.9 40.1 120.2
150 156.6 0.0 347.2

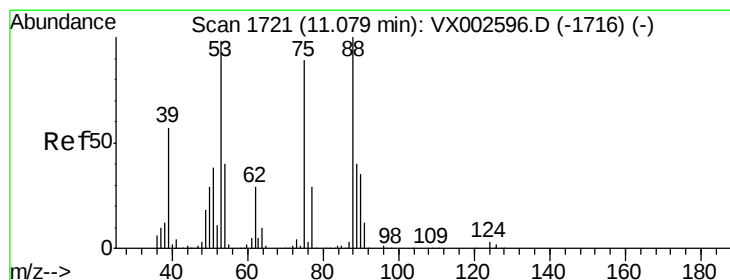
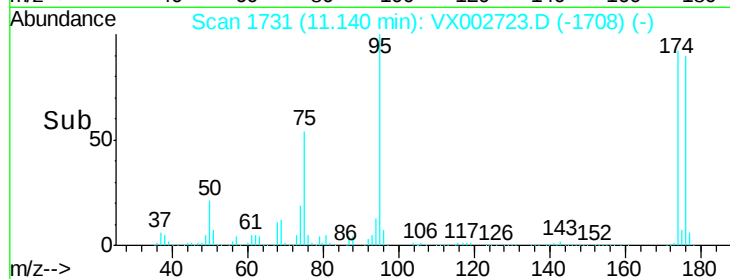
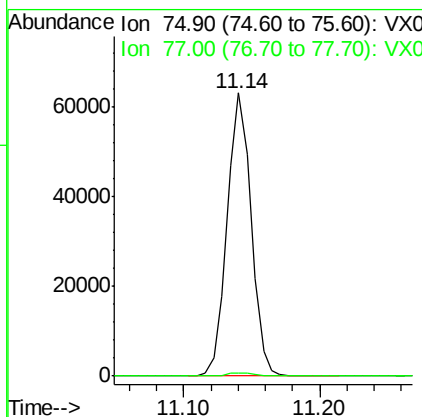
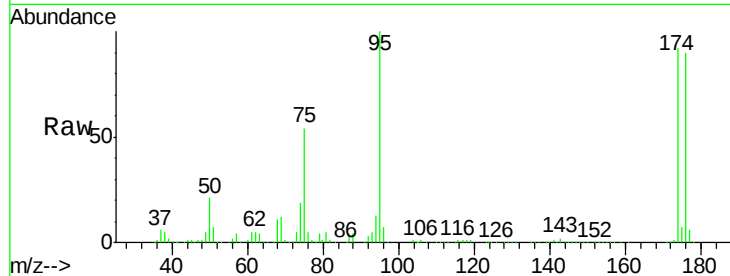




#76
 1,2,3-Trichloropropane
 Concen: 26.70 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX002723.D
 Acq: 19 Jun 2018 19:51

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 77439
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.8 68.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.46 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX002723.D
 Acq: 19 Jun 2018 19:51

Tgt Ion: 75 Resp: 77439
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.8 130.2#
 89 0.0 38.2 57.2#

