

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002602.D
 Acq On : 15 Jun 2018 17:57
 Operator : JC/MD
 Sample : VX0615WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 23:50:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 14:54:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	209199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	300246	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	273962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	154606	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	140248	44.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.24%	
35) Dibromofluoromethane	5.51	113	108378	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	
50) Toluene-d8	8.72	98	427068	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
62) 4-Bromofluorobenzene	11.14	95	148890	43.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.36%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	974	0.37	ug/l #	82
5) Bromomethane	1.65	94	819	0.50	ug/l	97
10) Methyl Iodide	2.52	142	1203	5.50	ug/l #	82
11) Tert butyl alcohol	3.07	59	423	0.64	ug/l #	73
13) Acrolein	2.29	56	598	8.75	ug/l	89
15) Acrylonitrile	3.15	53	1588	1.11	ug/l #	90
16) Acetone	2.44	43	2167	1.55	ug/l	95
17) Carbon Disulfide	2.57	76	3423	0.62	ug/l	99
18) Methyl Acetate	2.78	43	794	0.21	ug/l #	77
20) Methylene Chloride	2.86	84	1704	0.59	ug/l	83
21) trans-1,2-Dichloroethene	3.17	96	891	0.35	ug/l #	68
23) Vinyl Acetate	3.83	43	3608	0.51	ug/l	95
25) 2-Butanone	4.72	43	659	0.36	ug/l	99
28) Bromochloromethane	5.02	49	454	0.21	ug/l #	31
29) Tetrahydrofuran	5.18	42	1453	1.20	ug/l	97
37) Ethyl Acetate	4.87	43	869	0.24	ug/l #	82
38) Carbon Tetrachloride	5.67	117	19194	6.04	ug/l #	15
44) Trichloroethene	7.23	130	589	0.21	ug/l	70
46) Dibromomethane	7.67	93	502	0.30	ug/l #	72
48) Methyl methacrylate	7.78	41	718	0.23	ug/l #	73
49) 1,4-Dioxane	7.77	88	131	2.26	ug/l #	1
51) 4-Methyl-2-Pentanone	8.65	43	1941	0.51	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	462	2.51	ug/l	93
54) cis-1,3-Dichloropropene	9.05	75	557	3.35	ug/l #	92
58) 2-Chloroethyl Vinyl ether	8.32	63	932	0.51	ug/l #	87
59) 2-Hexanone	9.51	43	1265	0.44	ug/l	81
60) Dibromochloromethane	9.59	129	194	3.83	ug/l	100
68) m/p-Xylenes	10.36	106	1202	0.27	ug/l	99
71) Bromoform	10.87	173	174	4.92	ug/l #	28
76) 1,2,3-Trichloropropane	11.14	75	80417	27.56	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.14	75	80417	85.00	ug/l #	6
82) 4-Chlorotoluene	11.51	91	1909	0.23	ug/l	87
87) 1,3-Dichlorobenzene	12.03	146	1582	0.30	ug/l	95
88) 1,4-Dichlorobenzene	12.03	146	1582	0.30	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

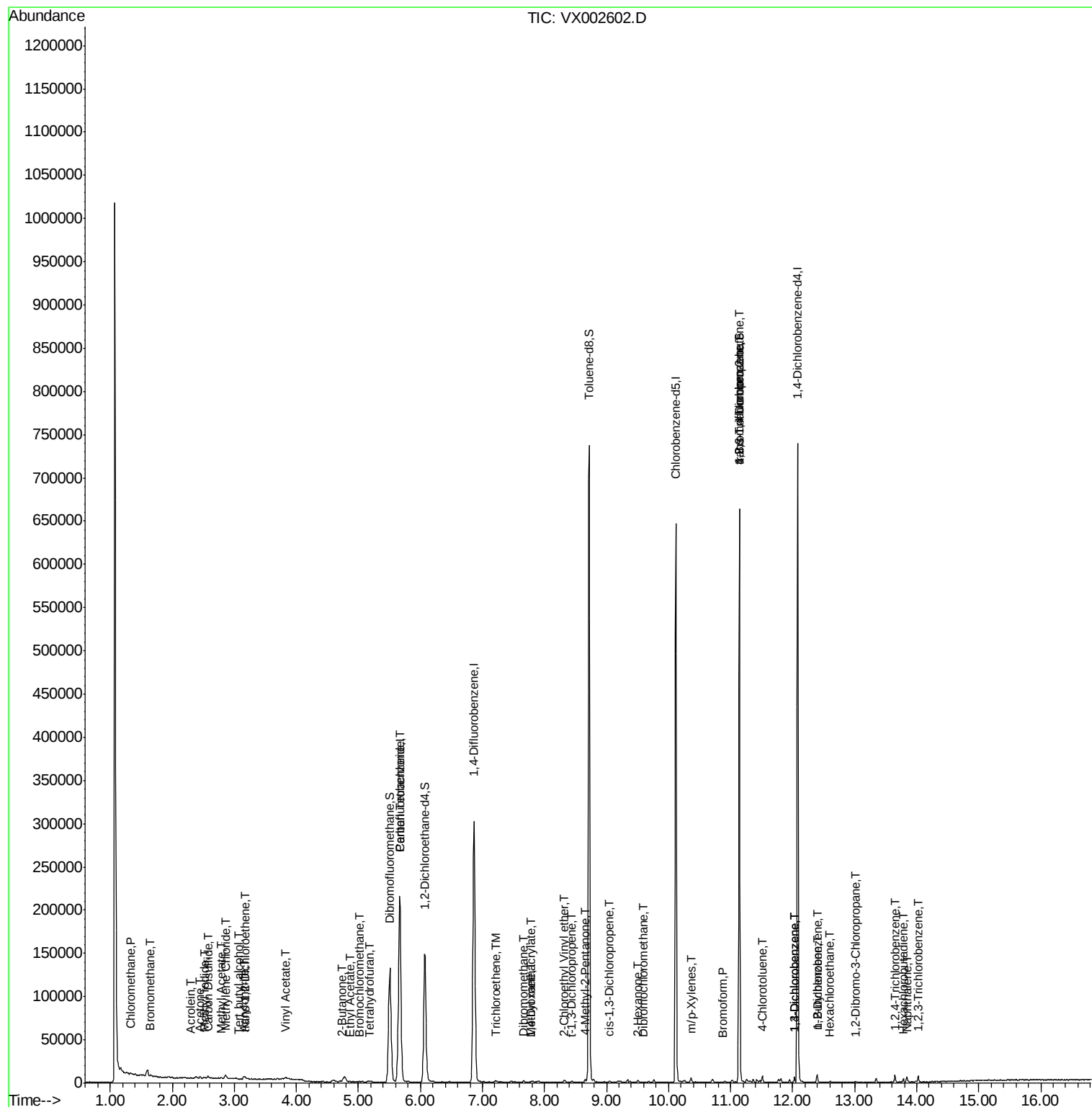
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.39	91	2149	0.26	ug/l	94
90) Hexachloroethane	12.59	117	137	2.71	ug/l #	22
91) 1,2-Dichlorobenzene	12.40	146	1242	0.23	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	187	0.29	ug/l #	2
93) 1,2,4-Trichlorobenzene	13.65	180	1970	0.51	ug/l	96
94) Hexachlorobutadiene	13.79	225	588	0.29	ug/l	86
95) Naphthalene	13.84	128	3290	0.32	ug/l #	90
96) 1,2,3-Trichlorobenzene	14.02	180	1616	0.42	ug/l	97

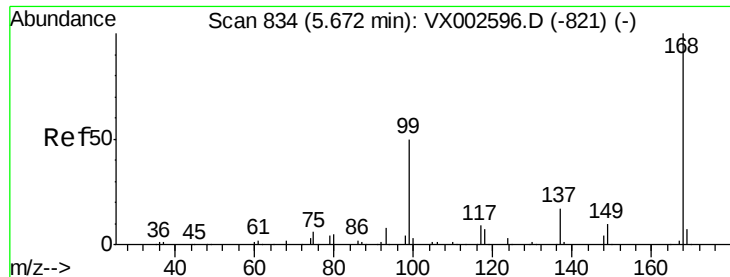
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002602.D

Acq: 15 Jun 2018 17:57

Instrument :

MSVOA_X

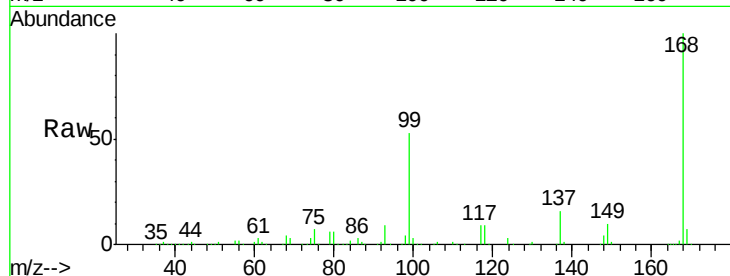
ClientSampled :

Tot Ion:168 Resp: 209199

Ion Ratio Lower Upper

168 100

99 52.7 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

80000

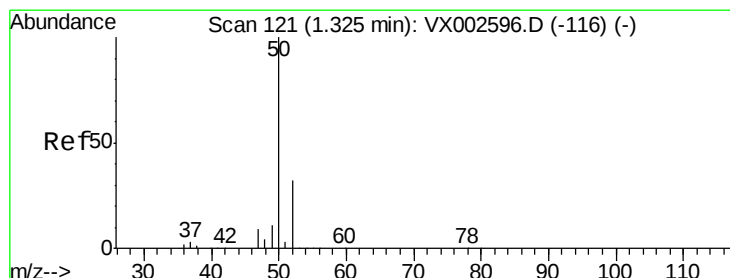
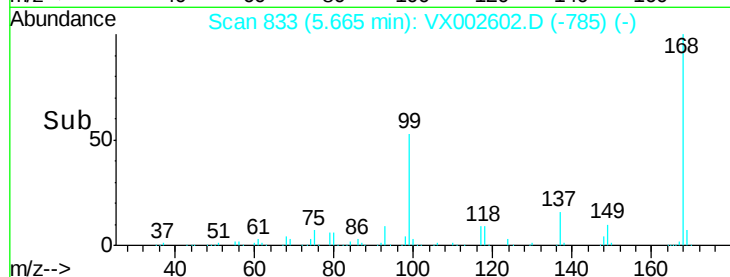
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.37 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002602.D

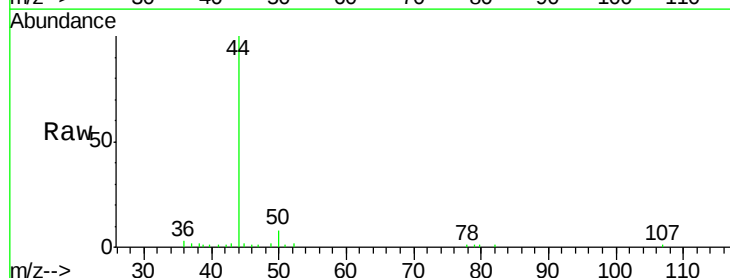
Acq: 15 Jun 2018 17:57

Tgt Ion: 50 Resp: 974

Ion Ratio Lower Upper

50 100

52 21.9 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

800

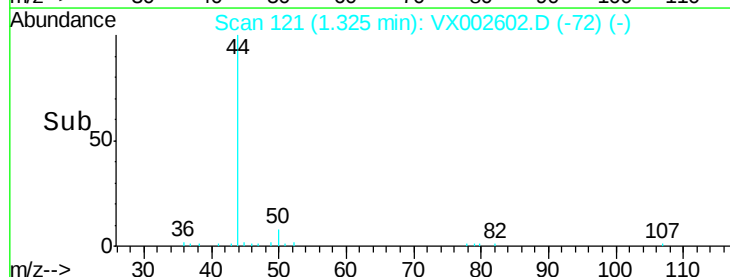
600

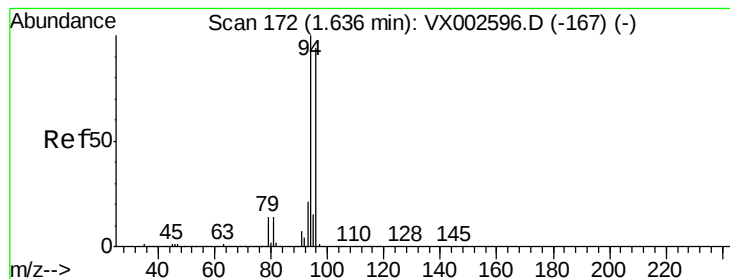
400

200

0

Time--> 1.30 1.35 1.40





#5

Bromomethane

Concen: 0.50 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002602.D

Acq: 15 Jun 2018 17:57

Instrument :

MSVOA_X

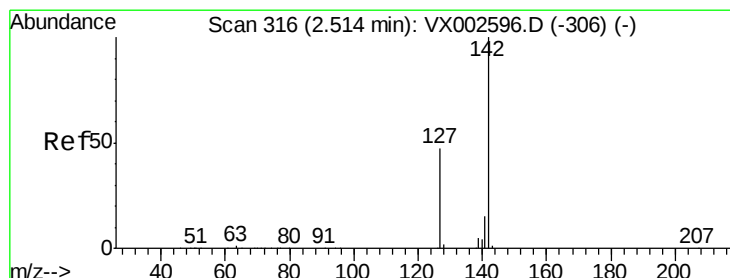
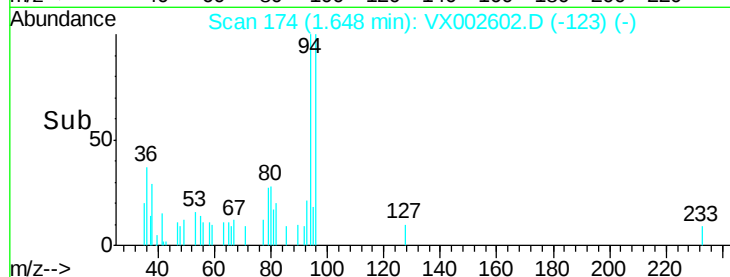
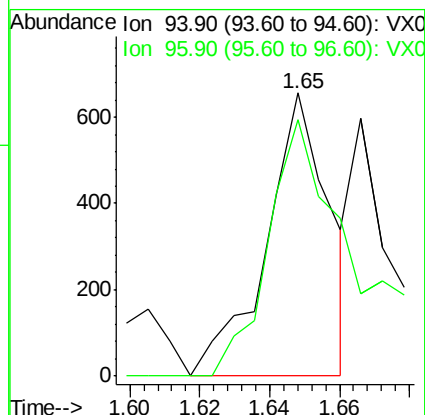
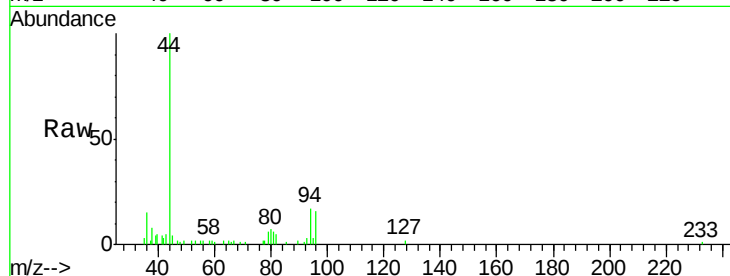
ClientSampleId :

Tot Ion: 94 Resp: 819

Ion Ratio Lower Upper

94 100

96 90.7 74.9 112.3



#10

Methyl Iodide

Concen: 5.50 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002602.D

Acq: 15 Jun 2018 17:57

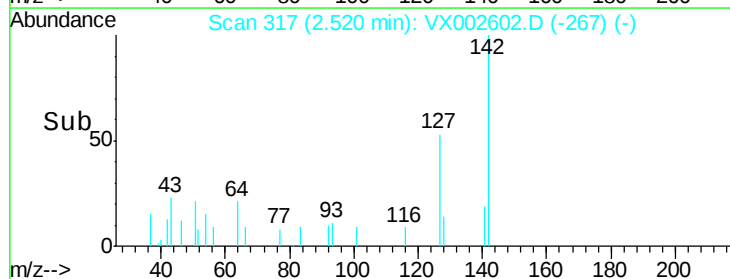
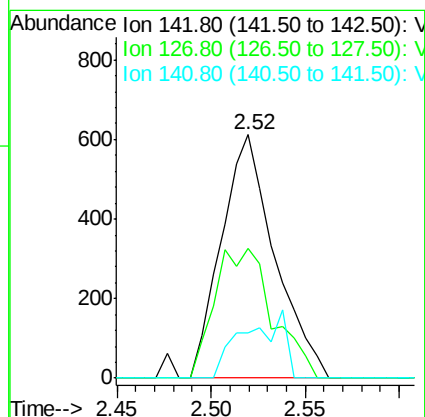
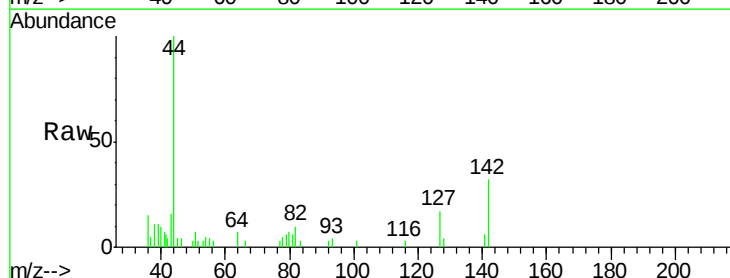
Tgt Ion: 142 Resp: 1203

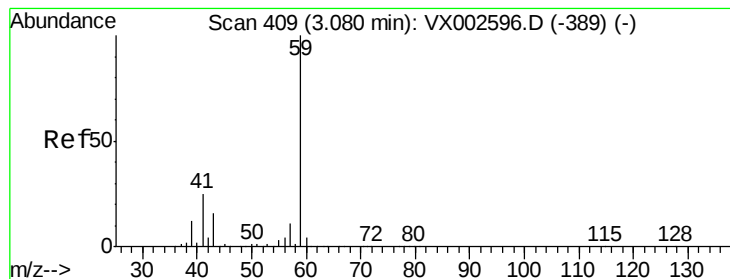
Ion Ratio Lower Upper

142 100

127 58.0 36.6 55.0#

141 21.2 11.3 16.9#



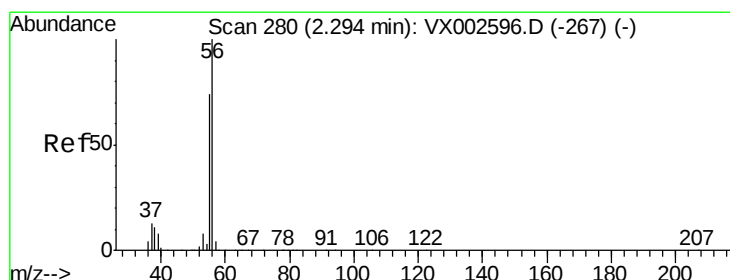
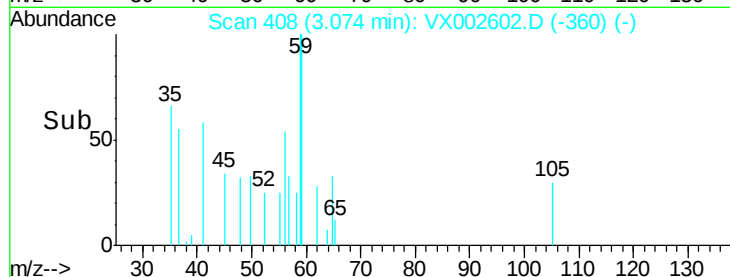
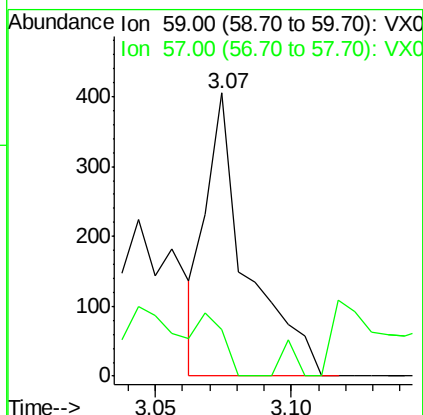
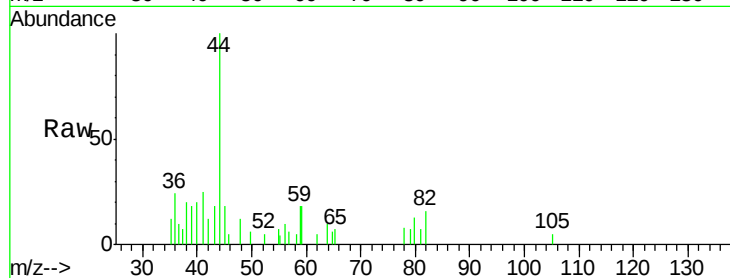


#11

Tert butyl alcohol
Concen: 0.64 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002602.D
Acq: 15 Jun 2018 17:57

Instrument :
MSVOA_X
ClientSampled :

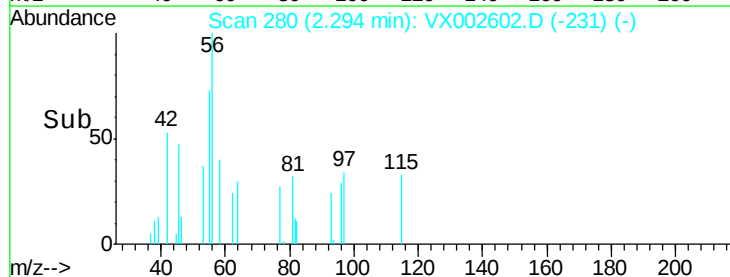
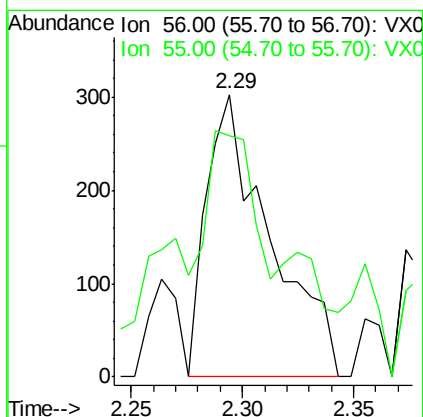
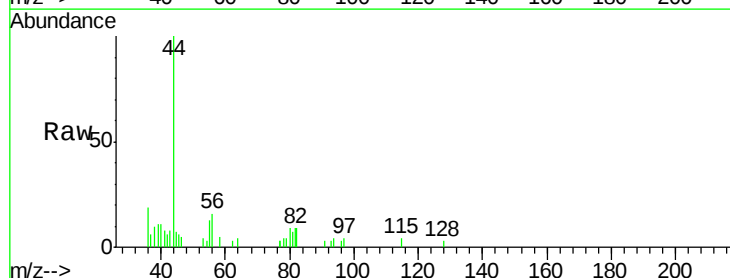
Tot Ion: 59 Resp: 423
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

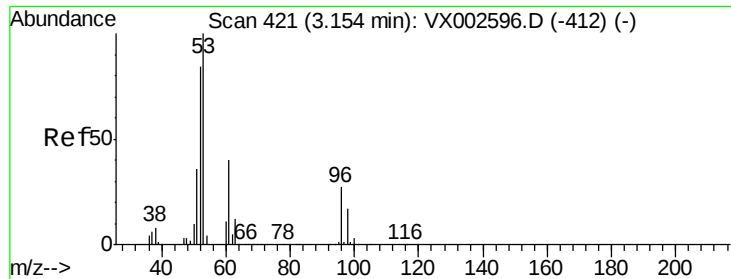


#13

Acrolein
Concen: 8.75 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX002602.D
Acq: 15 Jun 2018 17:57

Tgt Ion: 56 Resp: 598
Ion Ratio Lower Upper
56 100
55 61.7 57.0 85.4





#15

Acrylonitrile

Concen: 1.11 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002602.D

Acq: 15 Jun 2018 17:57

Instrument :

MSVOA_X

ClientSampled :

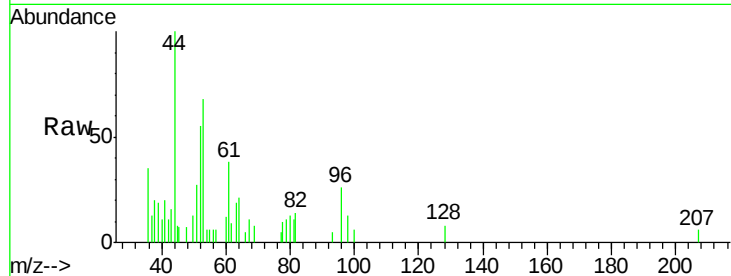
Tot Ion: 53 Resp: 1588

Ion Ratio Lower Upper

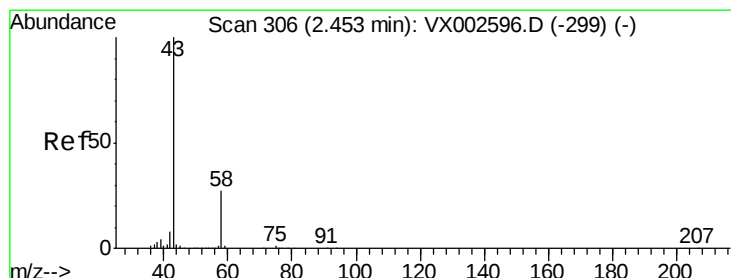
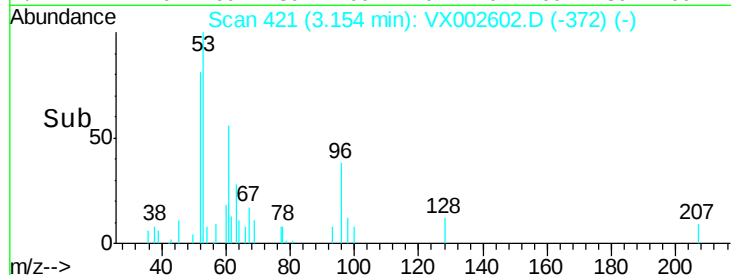
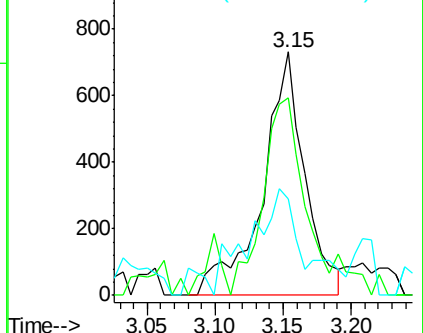
53 100

52 77.8 66.7 100.1

51 49.2 29.9 44.9#



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 1.55 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX002602.D

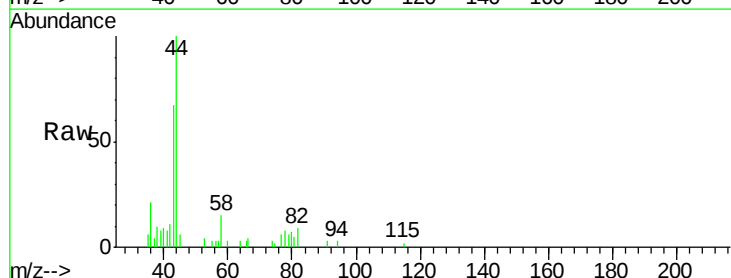
Acq: 15 Jun 2018 17:57

Tgt Ion: 43 Resp: 2167

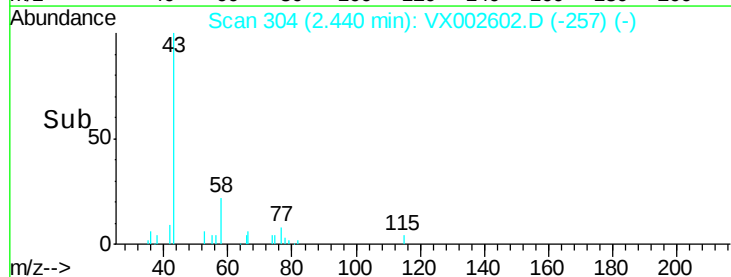
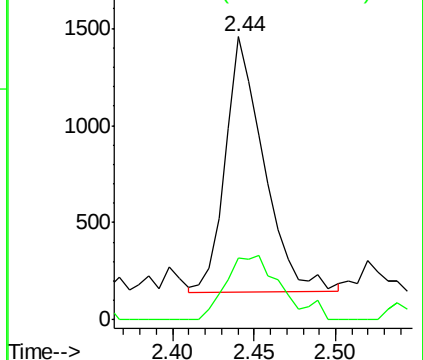
Ion Ratio Lower Upper

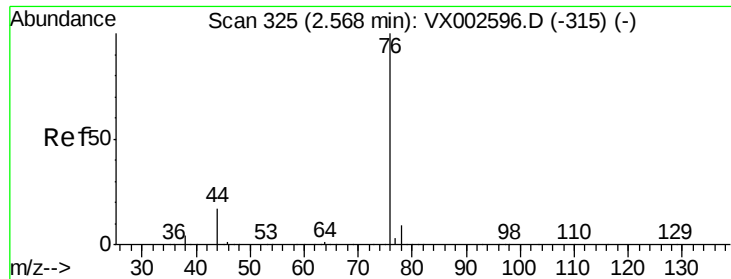
43 100

58 24.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

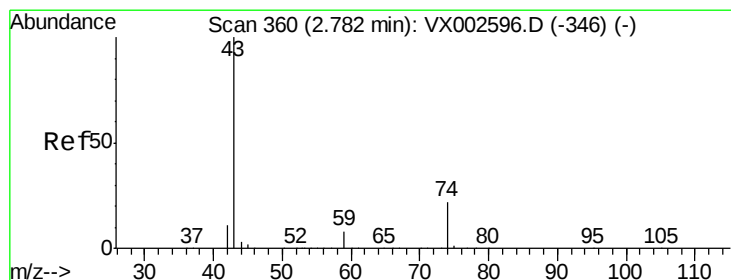
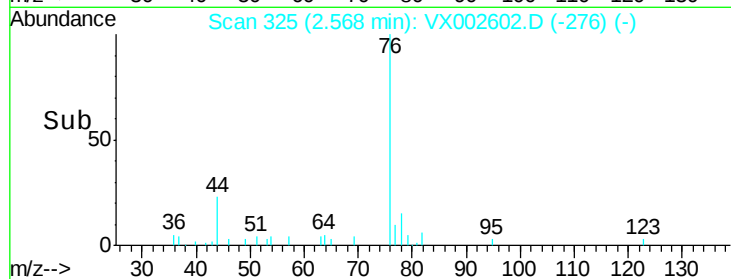
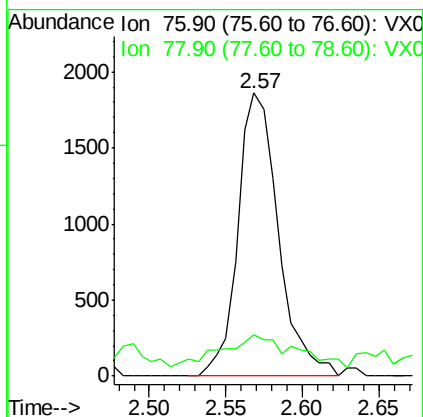
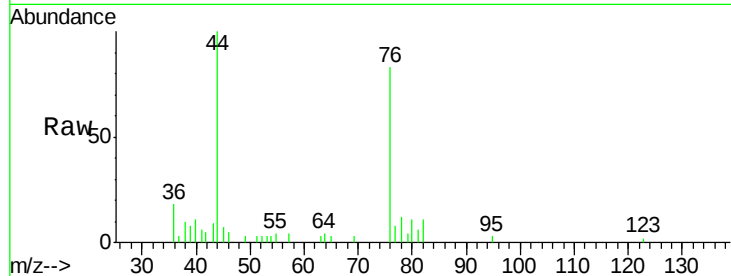




#17
Carbon Disulfide
Concen: 0.62 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002602.D
Acq: 15 Jun 2018 17:57

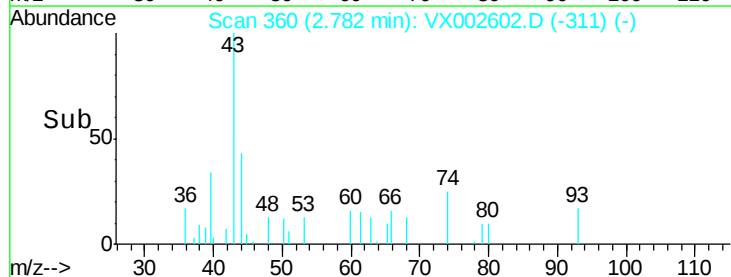
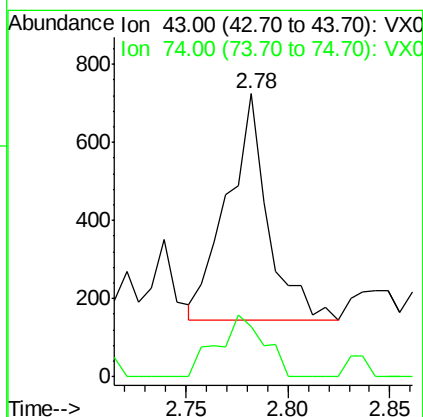
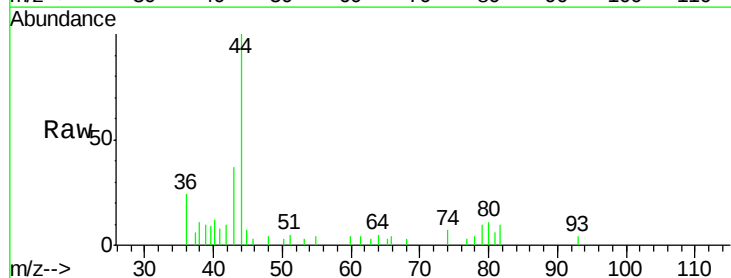
Instrument :
MSVOA_X
ClientSampled :

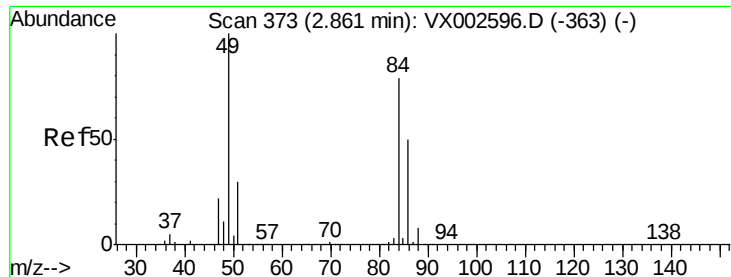
Tot Ion: 76 Resp: 3423
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002602.D
Acq: 15 Jun 2018 17:57

Tgt Ion: 43 Resp: 794
Ion Ratio Lower Upper
43 100
74 31.6 16.7 25.1#





#20

Methylene Chloride

Concen: 0.59 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX002602.D

Acq: 15 Jun 2018 17:57

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 84 Resp: 1704

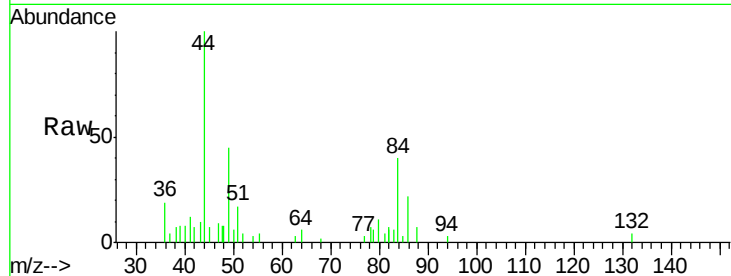
Ion Ratio Lower Upper

84 100

49 111.0 107.8 161.6

51 33.1 32.8 49.2

86 54.2 52.5 78.7

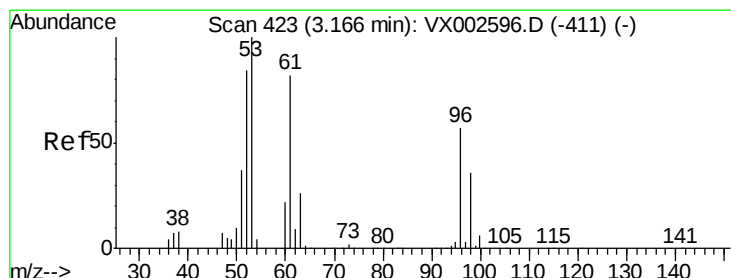
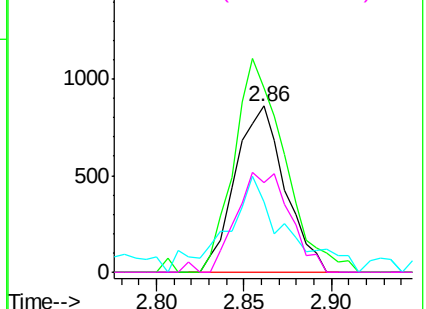
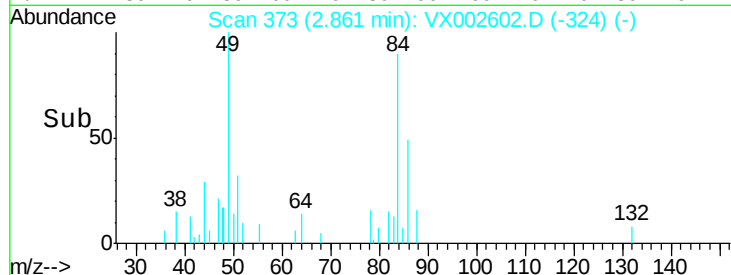


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#21

trans-1,2-Dichloroethene

Concen: 0.35 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX002602.D

Acq: 15 Jun 2018 17:57

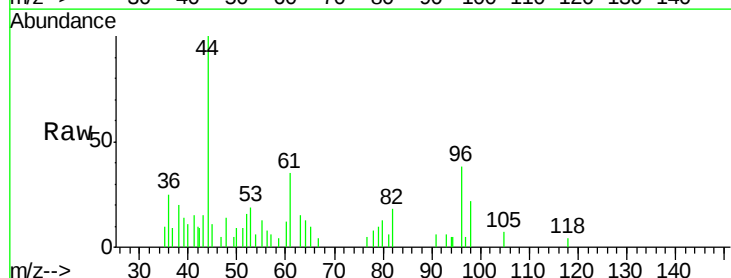
Tgt Ion: 96 Resp: 891

Ion Ratio Lower Upper

96 100

61 93.5 117.0 175.4#

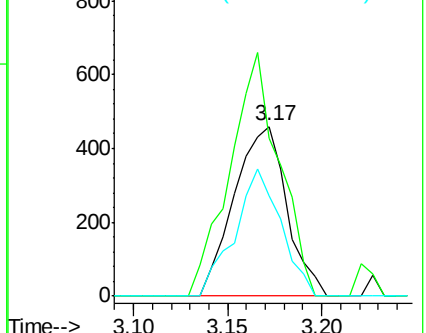
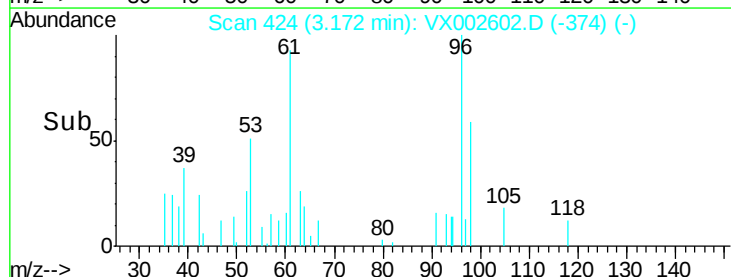
98 59.3 52.4 78.6

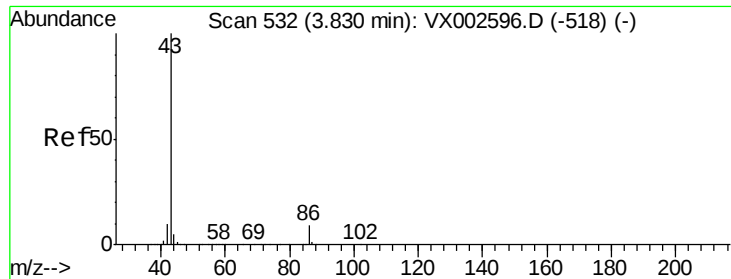


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#23

Vinyl Acetate

Concen: 0.51 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002602.D

Acq: 15 Jun 2018 17:57

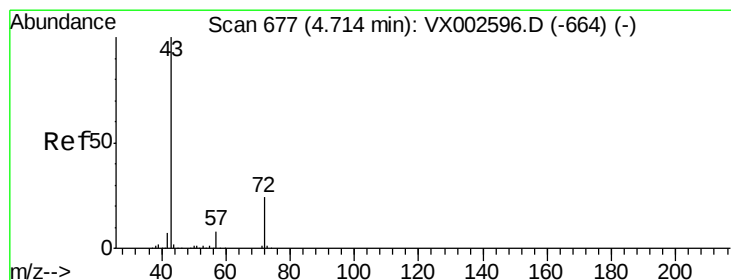
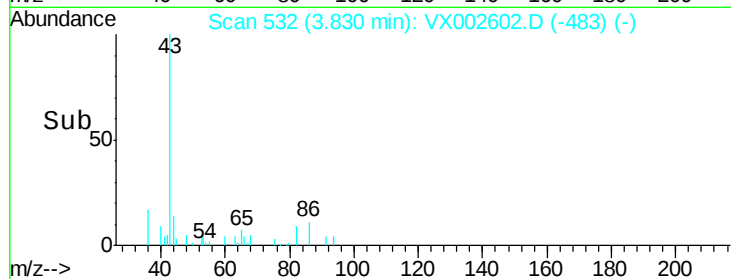
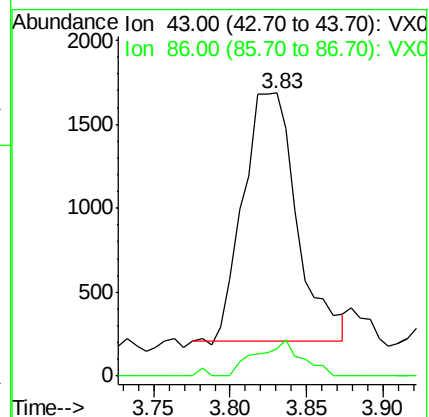
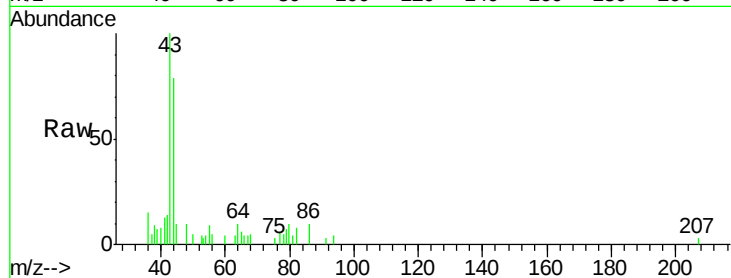
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 3608

Ion Ratio Lower Upper

43 100

86 11.0 7.4 11.0



#25

2-Butanone

Concen: 0.36 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX002602.D

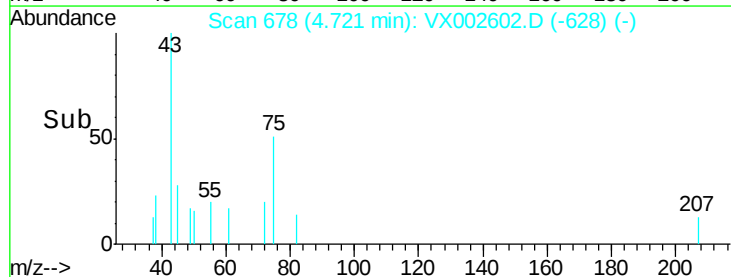
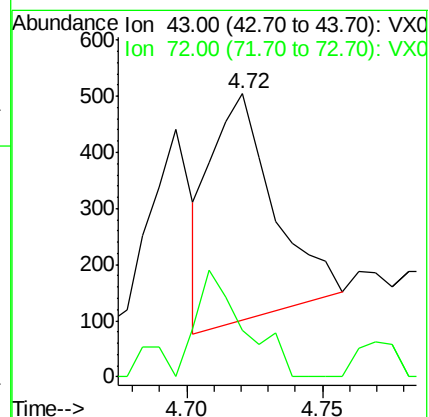
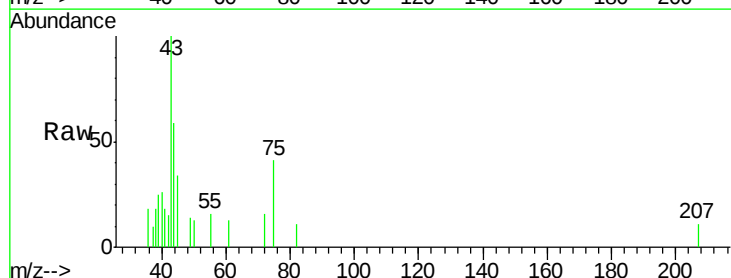
Acq: 15 Jun 2018 17:57

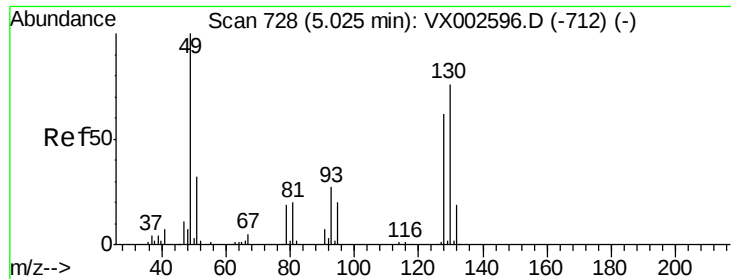
Tgt Ion: 43 Resp: 659

Ion Ratio Lower Upper

43 100

72 23.5 18.5 27.7





#28

Bromochloromethane

Concen: 0.21 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002602.D

Acq: 15 Jun 2018 17:57

Instrument :

MSVOA_X

ClientSampled :

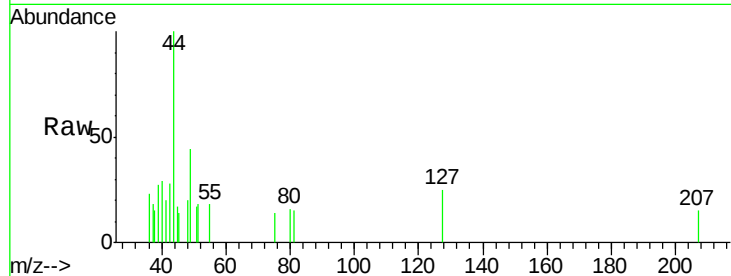
Tot Ion: 49 Resp: 454

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

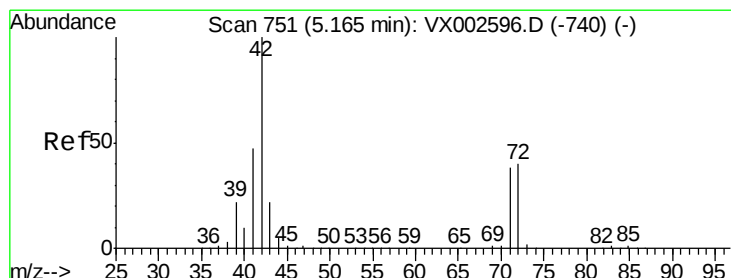
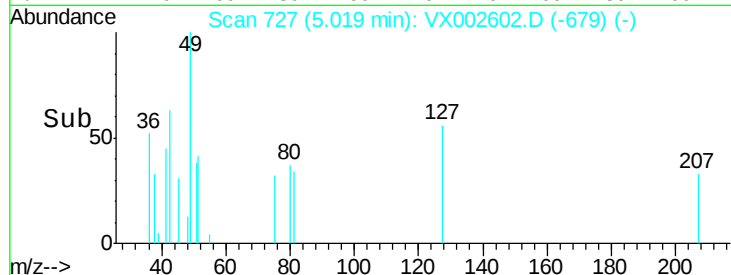
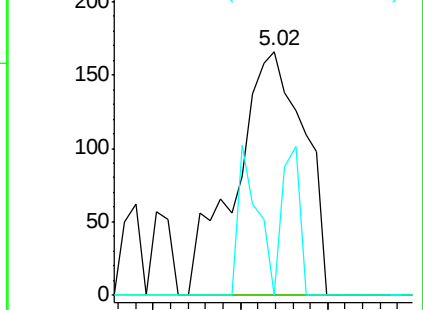
130 15.2 61.2 91.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 1.20 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX002602.D

Acq: 15 Jun 2018 17:57

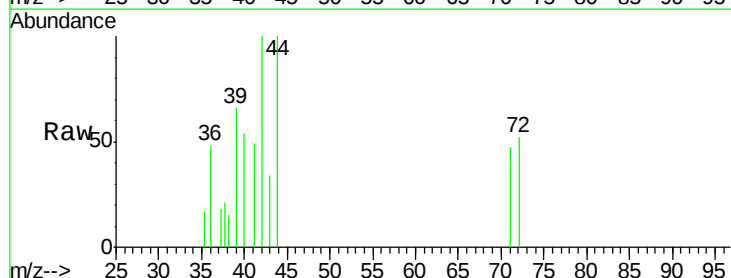
Tgt Ion: 42 Resp: 1453

Ion Ratio Lower Upper

42 100

72 37.6 32.0 48.0

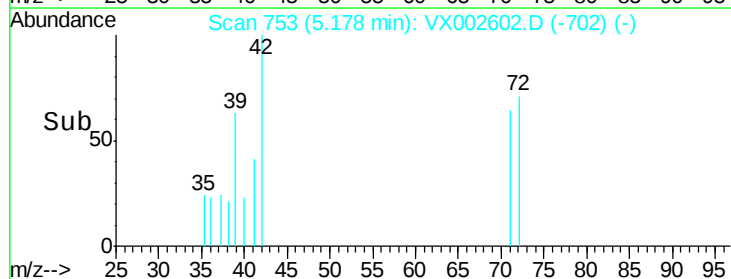
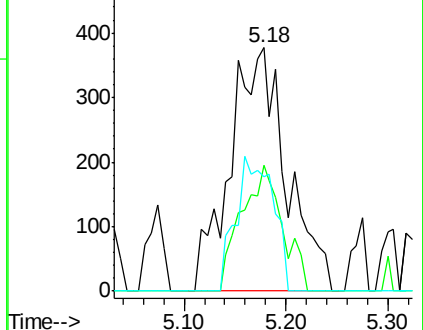
71 36.6 30.1 45.1

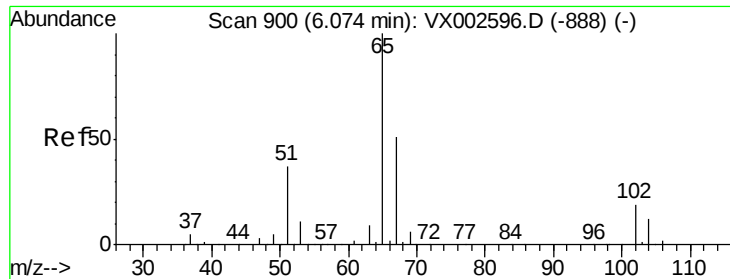


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

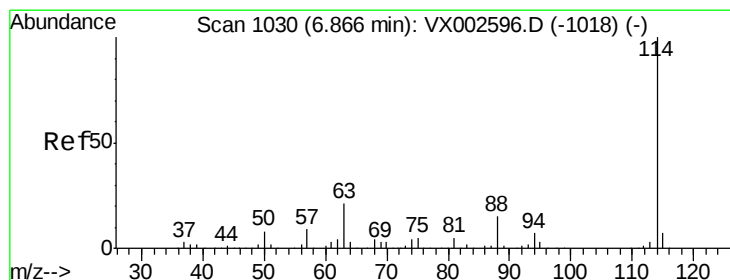
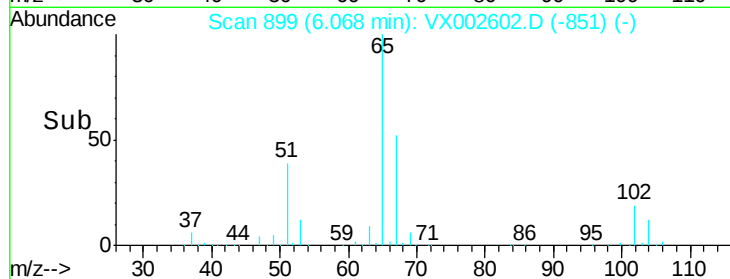
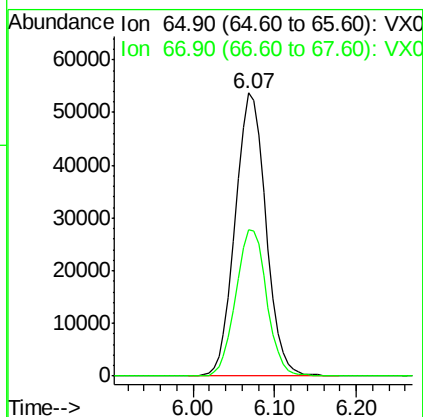
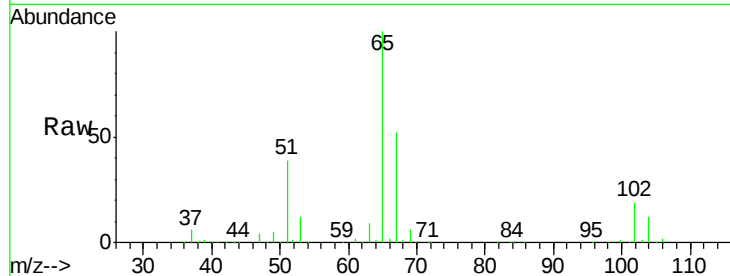




#33
 1,2-Dichloroethane-d4
 Concen: 44.12 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002602.D
 Acq: 15 Jun 2018 17:57

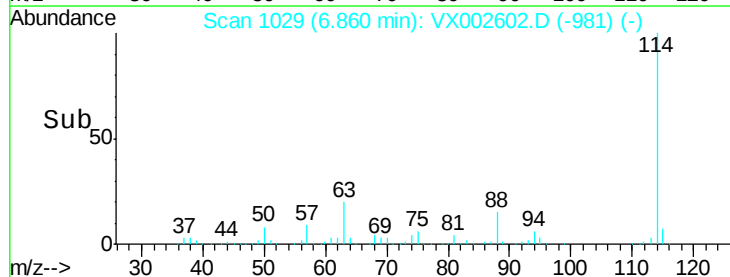
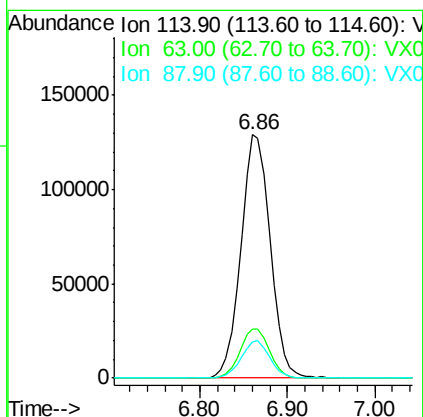
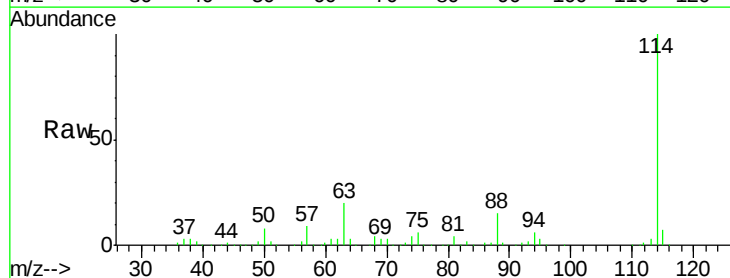
Instrument :
 MSVOA_X
 ClientSampled :

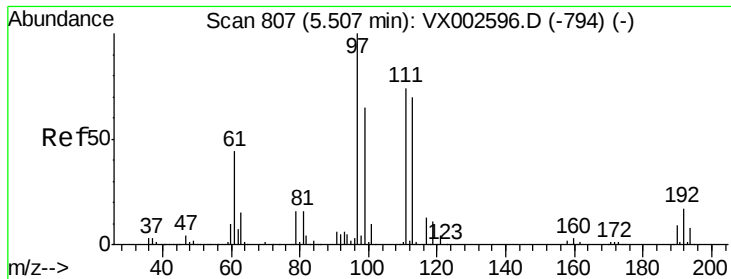
Tot Ion: 65 Resp: 140248
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002602.D
 Acq: 15 Jun 2018 17:57

Tgt Ion: 114 Resp: 300246
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 14.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 45.23 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002602.D

Acq: 15 Jun 2018 17:57

Instrument :
MSVOA_X
ClientSampled :

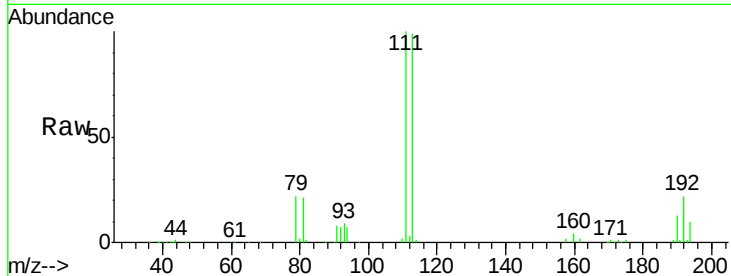
Tot Ion:113 Resp: 108378

Ion Ratio Lower Upper

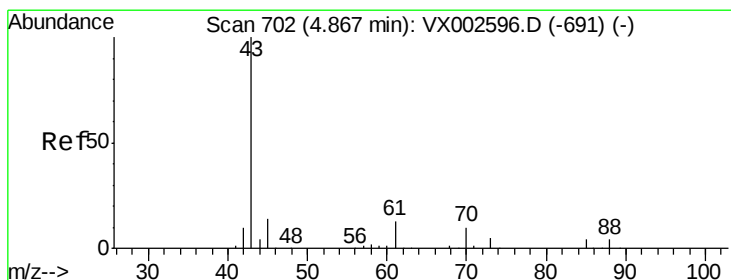
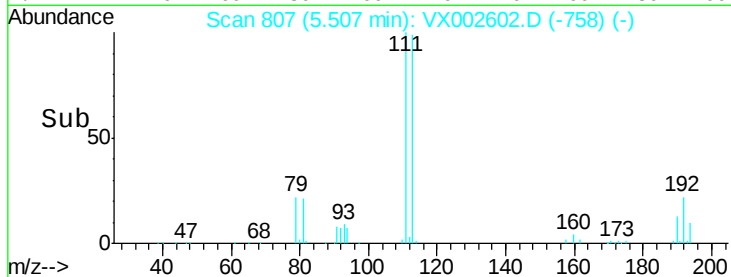
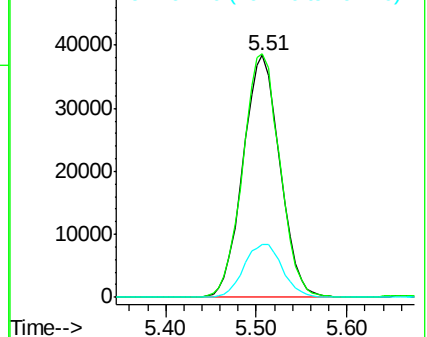
113 100

111 101.0 81.4 122.0

192 23.0 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



#37

Ethyl Acetate

Concen: 0.24 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX002602.D

Acq: 15 Jun 2018 17:57

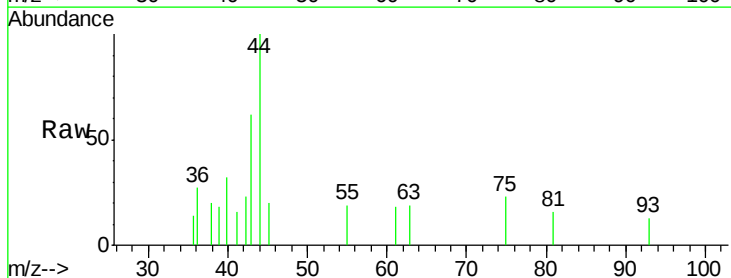
Tgt Ion: 43 Resp: 869

Ion Ratio Lower Upper

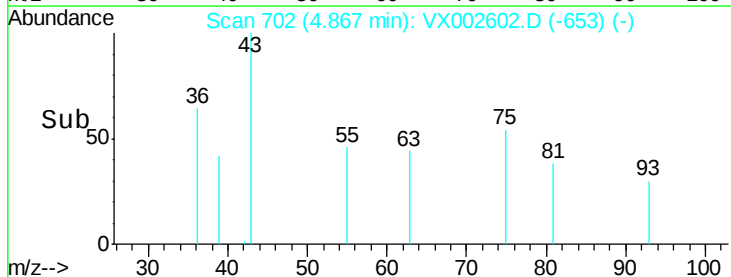
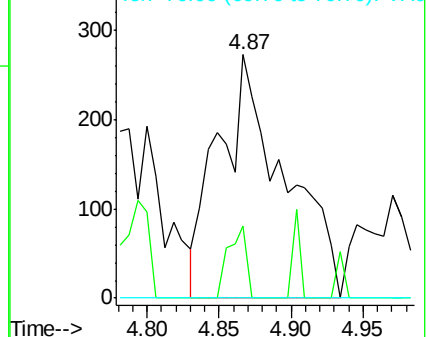
43 100

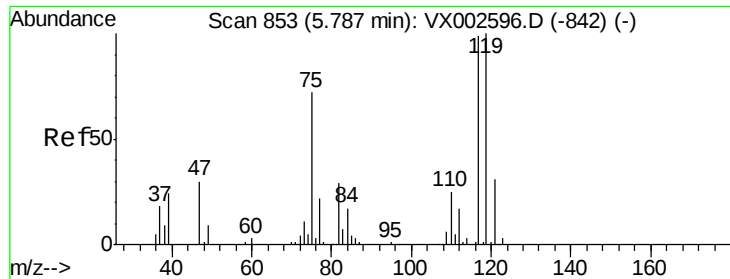
61 8.4 10.4 15.6#

70 0.0 7.6 11.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

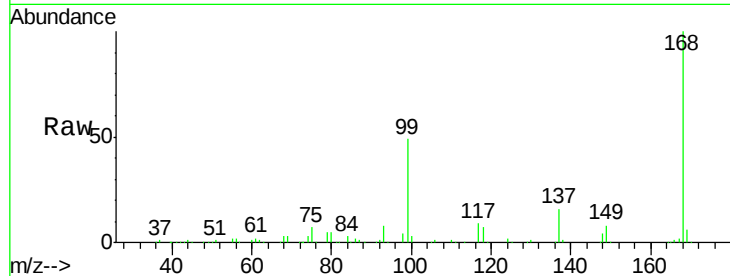




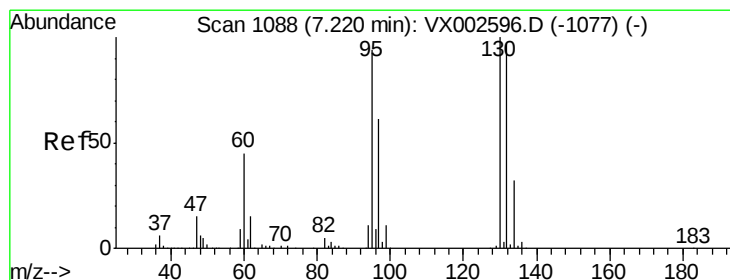
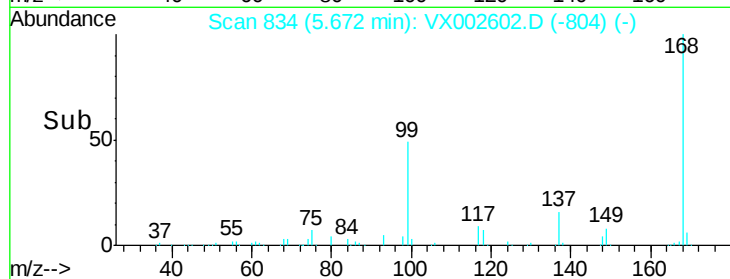
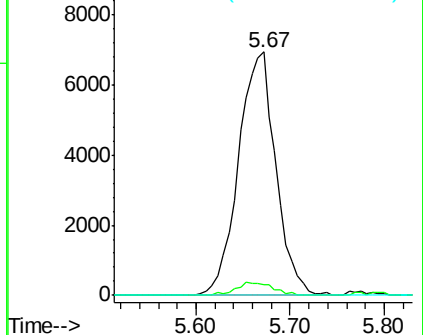
#38
Carbon Tetrachloride
Concen: 6.04 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002602.D
Acq: 15 Jun 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 19194
Ion Ratio Lower Upper
117 100
119 4.6 77.4 116.0#
121 0.0 24.4 36.6#

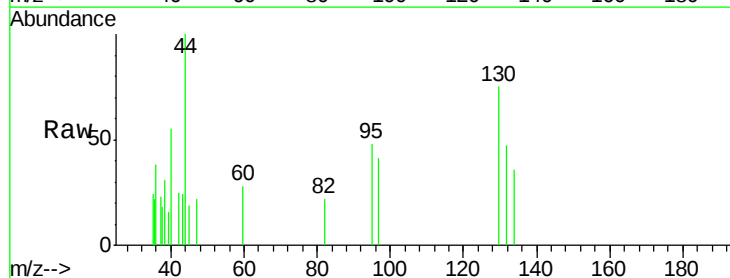


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

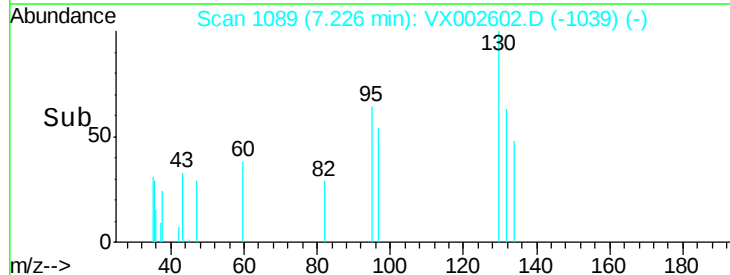
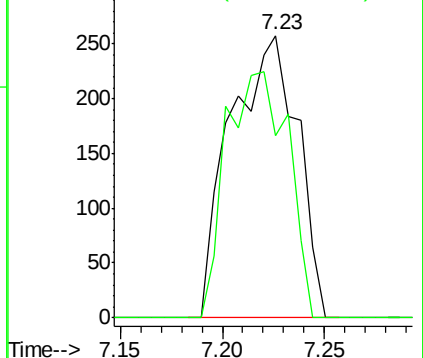


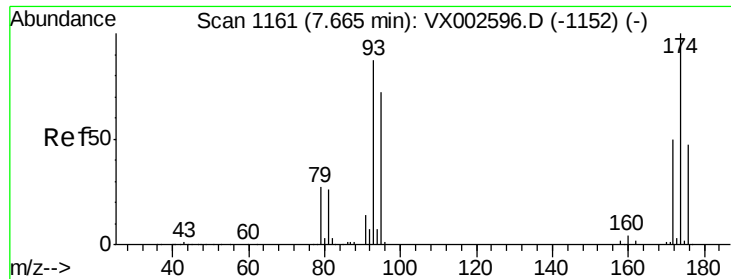
#44
Trichloroethene
Concen: 0.21 ug/l
RT: 7.23 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX002602.D
Acq: 15 Jun 2018 17:57

Tgt Ion:130 Resp: 589
Ion Ratio Lower Upper
130 100
95 64.3 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V

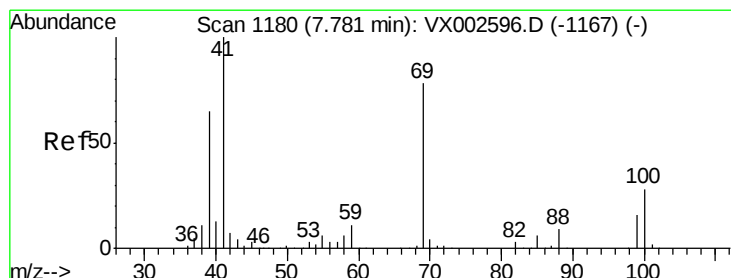
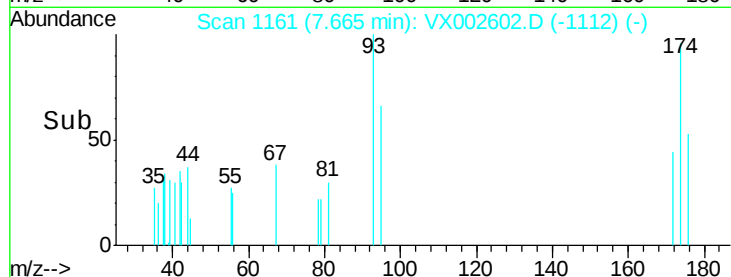
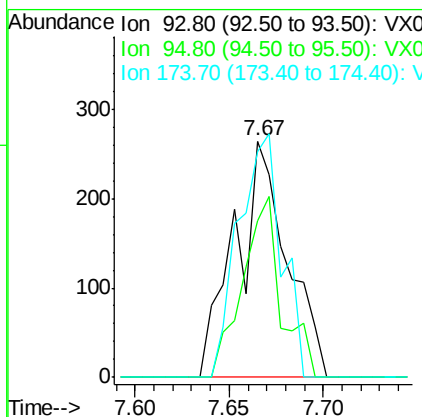
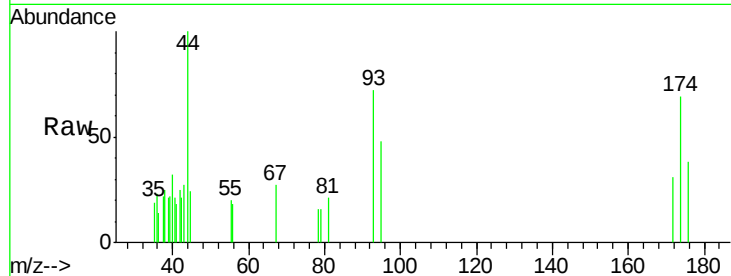




#46
Dibromomethane
Concen: 0.30 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. 0.00 min
Lab File: VX002602.D
Acq: 15 Jun 2018 17:57

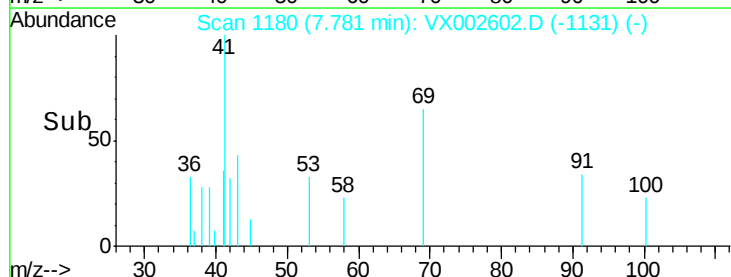
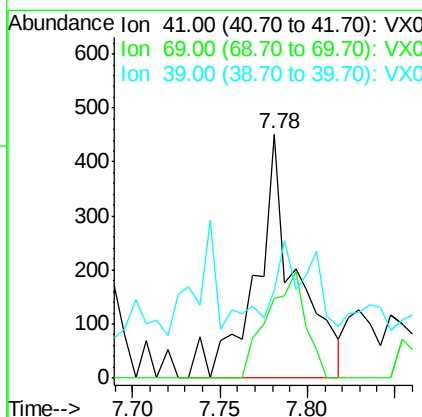
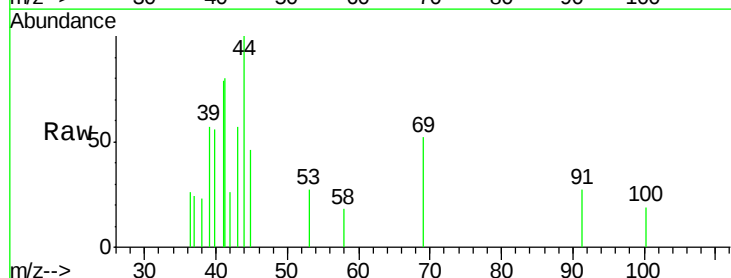
Instrument :
MSVOA_X
ClientSampleId :

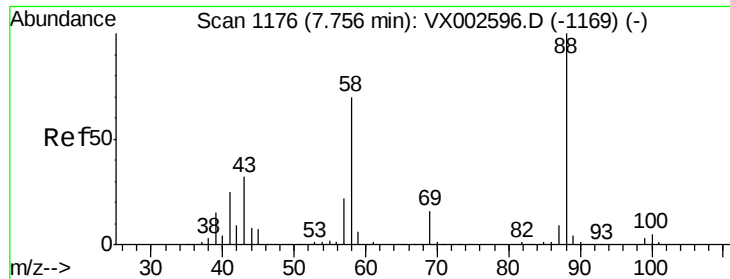
Tot Ion: 93 Resp: 502
Ion Ratio Lower Upper
93 100
95 57.0 65.9 98.9#
174 86.1 92.4 138.6#



#48
Methyl methacrylate
Concen: 0.23 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VX002602.D
Acq: 15 Jun 2018 17:57

Tgt Ion: 41 Resp: 718
Ion Ratio Lower Upper
41 100
69 41.5 59.1 88.7#
39 50.6 48.9 73.3

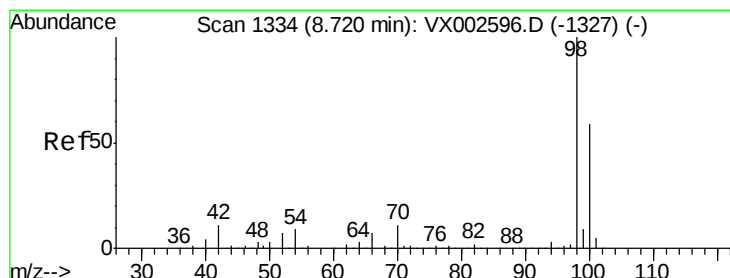
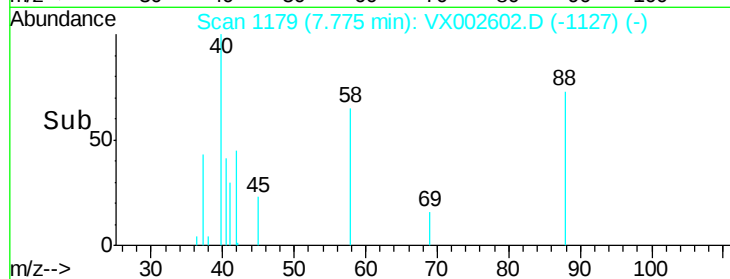
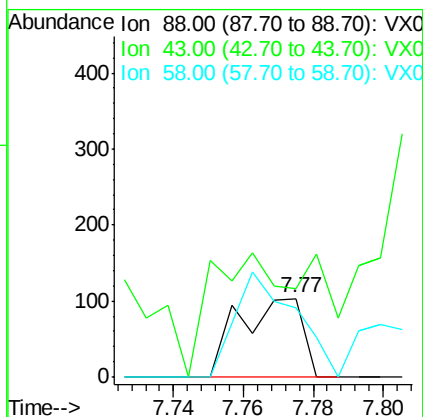
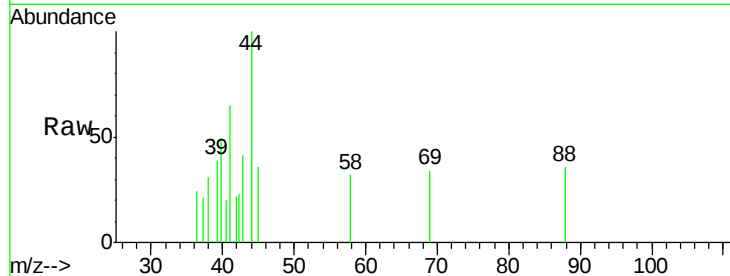




#49
1,4-Dioxane
Concen: 2.26 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. 0.02 min
Lab File: VX002602.D
Acq: 15 Jun 2018 17:57

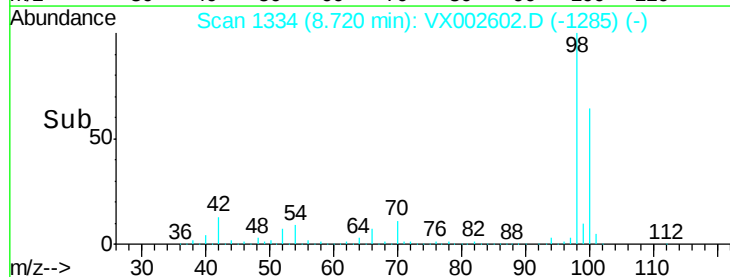
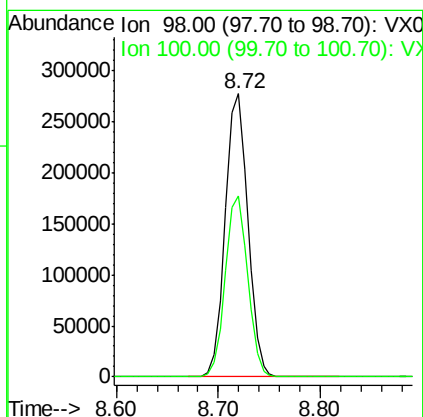
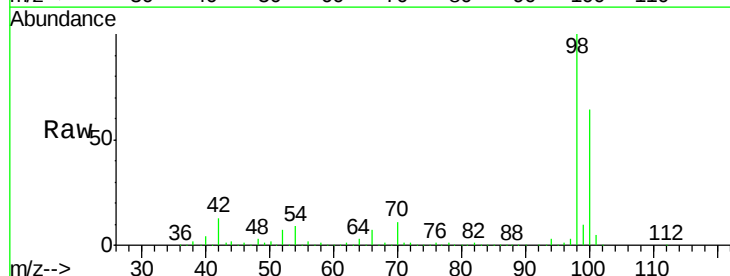
Instrument :
MSVOA_X
ClientSampleId :

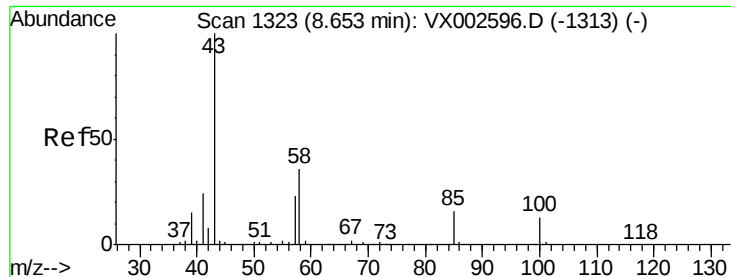
Tot Ion: 88 Resp: 131
Ion Ratio Lower Upper
88 100
43 189.3 29.8 44.6#
58 126.7 57.1 85.7#



#50
Toluene-d8
Concen: 46.94 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002602.D
Acq: 15 Jun 2018 17:57

Tgt Ion: 98 Resp: 427068
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3

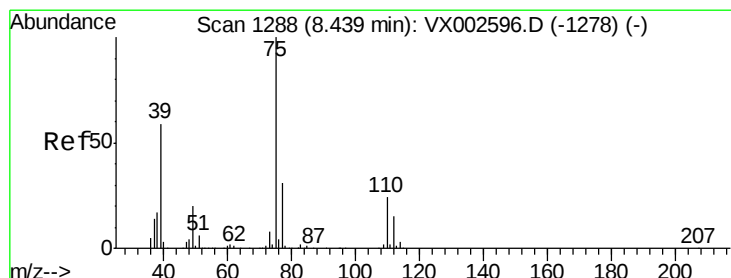
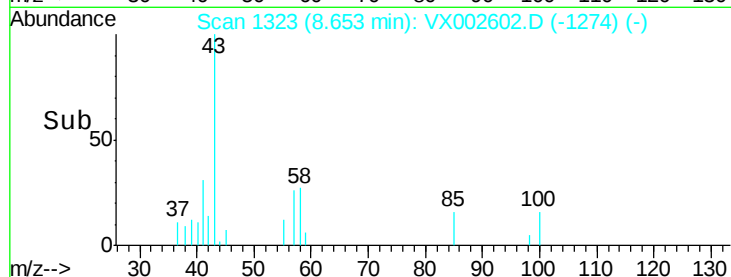
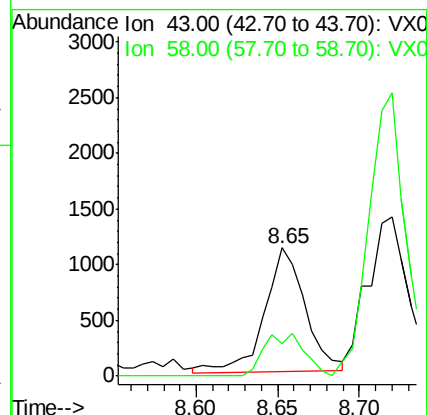
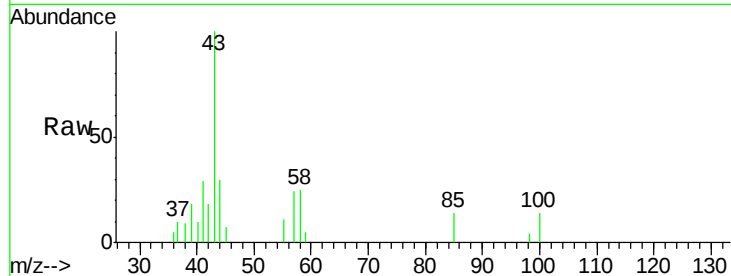




#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002602.D
Acq: 15 Jun 2018 17:57

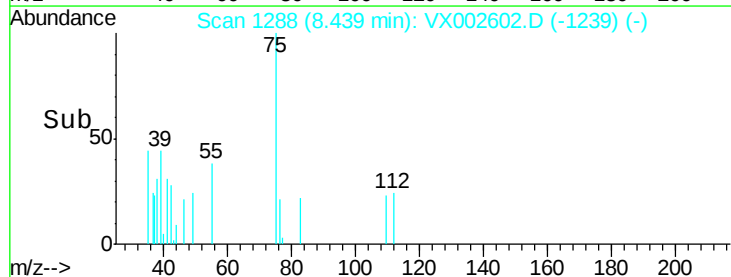
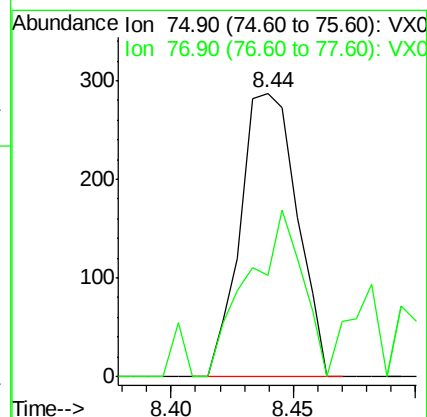
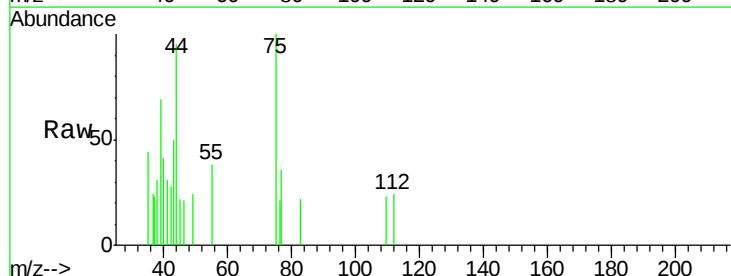
Instrument :
MSVOA_X
ClientSampled :

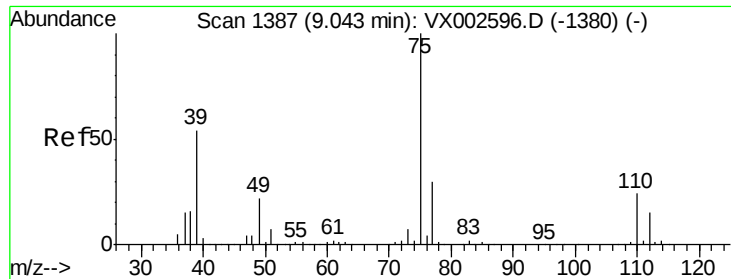
Tot Ion: 43 Resp: 1941
Ion Ratio Lower Upper
43 100
58 33.9 28.6 42.8



#53
t-1,3-Dichloropropene
Concen: 2.51 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002602.D
Acq: 15 Jun 2018 17:57

Tgt Ion: 75 Resp: 462
Ion Ratio Lower Upper
75 100
77 35.9 25.4 38.2



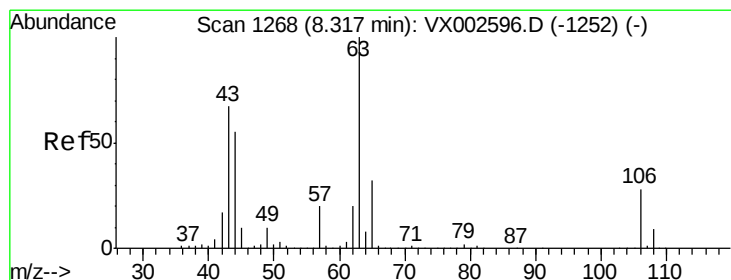
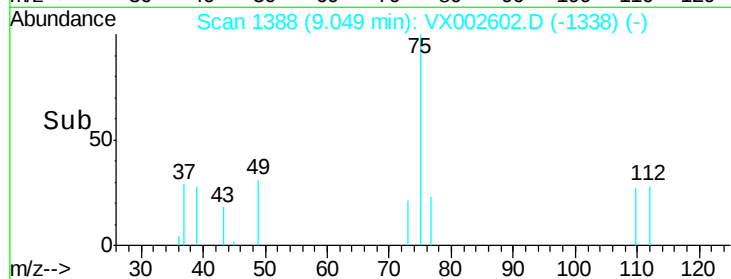
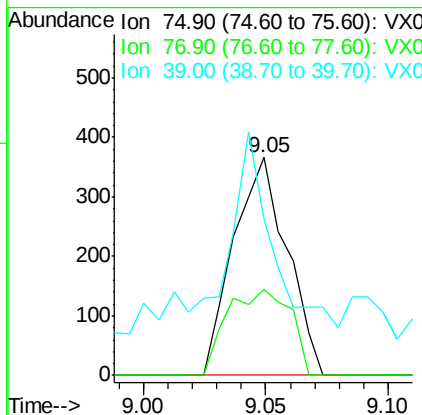
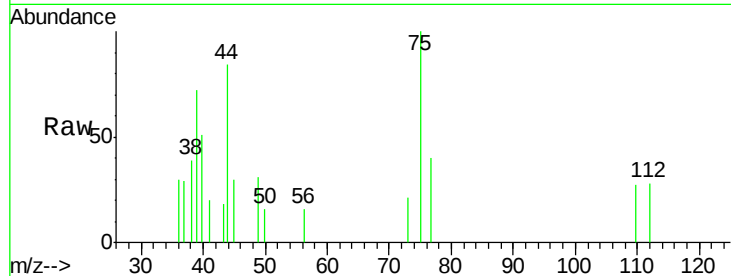


#54

cis-1,3-Dichloropropene
Concen: 3.35 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VX002602.D
Acq: 15 Jun 2018 17:57

Instrument :
MSVOA_X
ClientSampled :

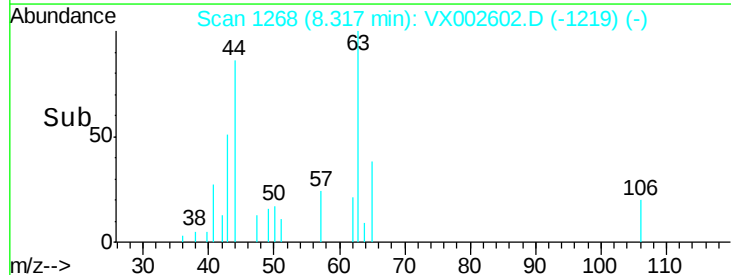
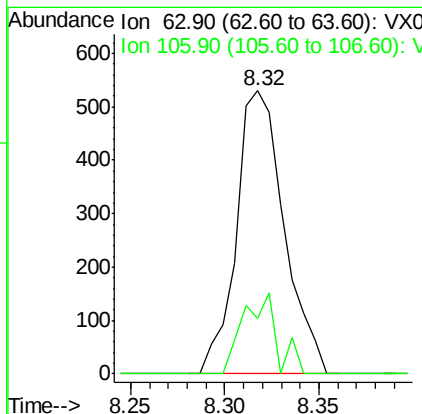
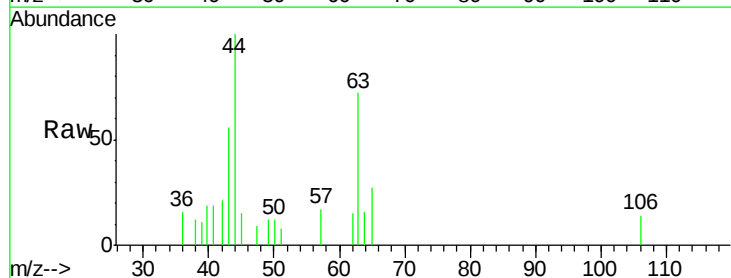
Tot Ion: 75 Resp: 557
Ion Ratio Lower Upper
75 100
77 39.6 24.8 37.2#
39 50.0 42.4 63.6

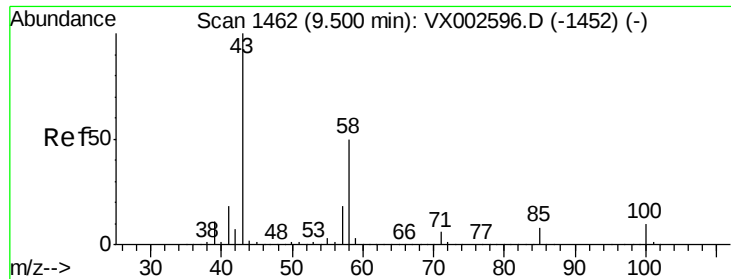


#58

2-Chloroethyl Vinyl ether
Concen: 0.51 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VX002602.D
Acq: 15 Jun 2018 17:57

Tgt Ion: 63 Resp: 932
Ion Ratio Lower Upper
63 100
106 20.3 21.8 32.8#

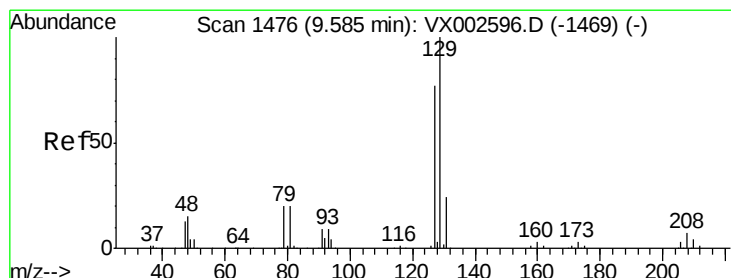
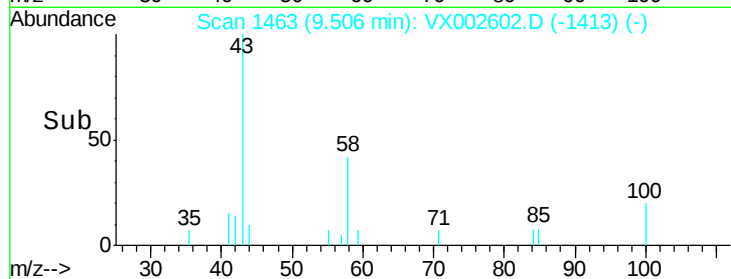
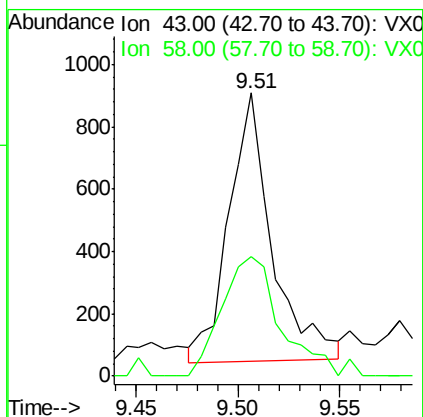
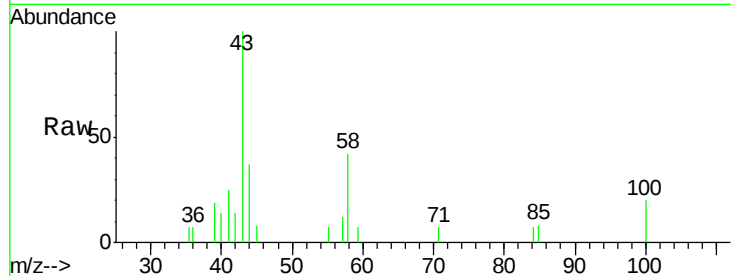




#59
2-Hexanone
Concen: 0.44 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX002602.D
Acq: 15 Jun 2018 17:57

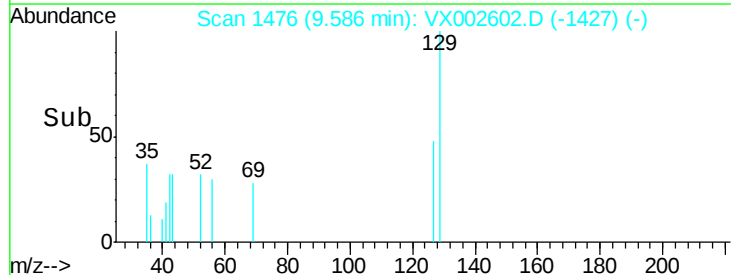
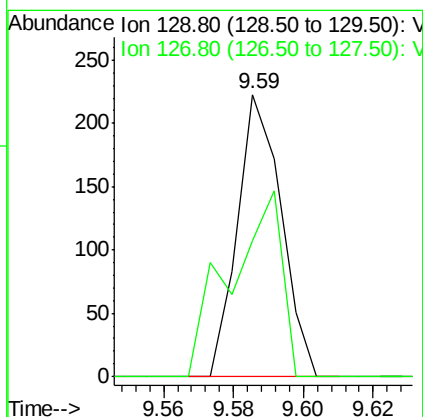
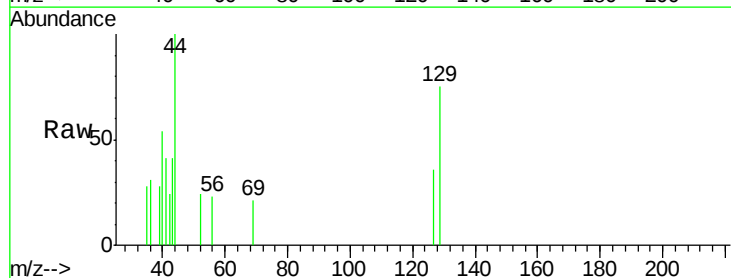
Instrument :
MSVOA_X
ClientSampleId :

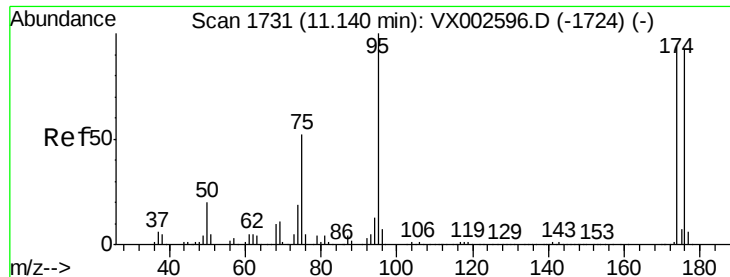
Tot Ion: 43 Resp: 1265
Ion Ratio Lower Upper
43 100
58 61.8 24.6 73.6



#60
Dibromochloromethane
Concen: 3.83 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002602.D
Acq: 15 Jun 2018 17:57

Tgt Ion: 129 Resp: 194
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3

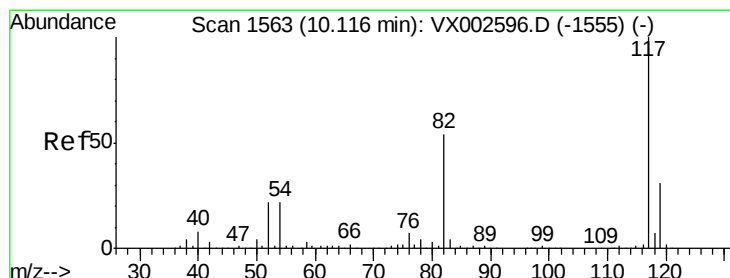
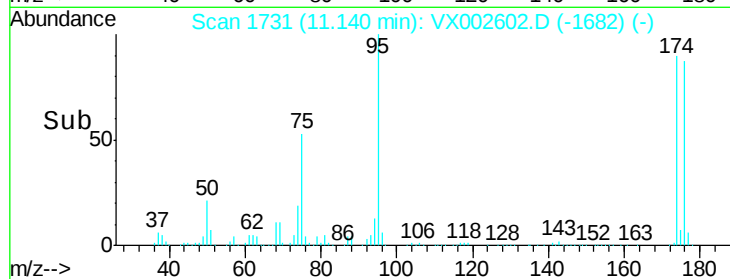
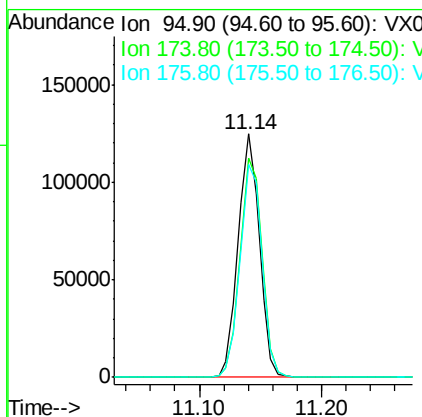
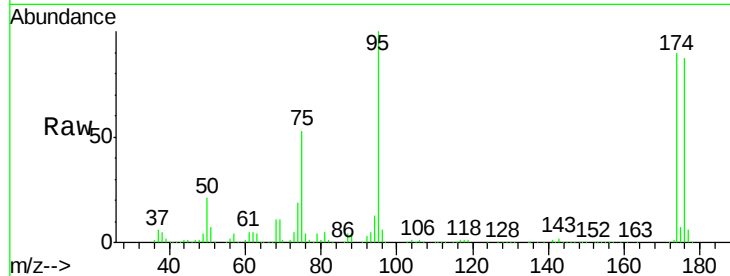




#62
4-Bromofluorobenzene
Concen: 43.18 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002602.D
Acq: 15 Jun 2018 17:57

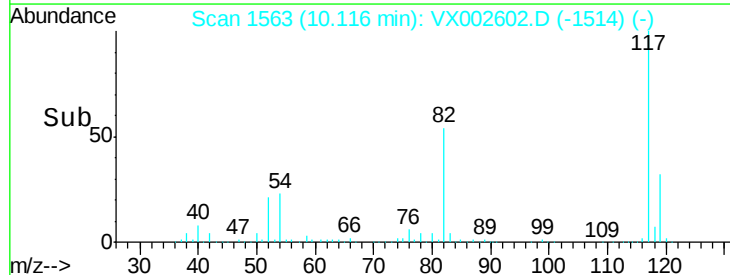
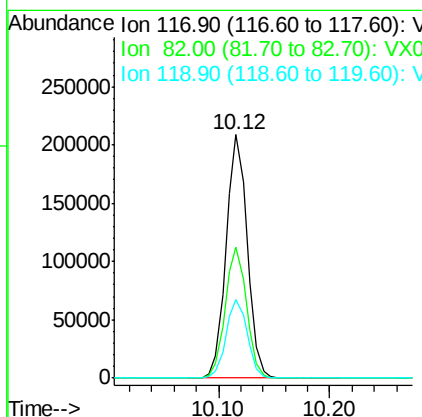
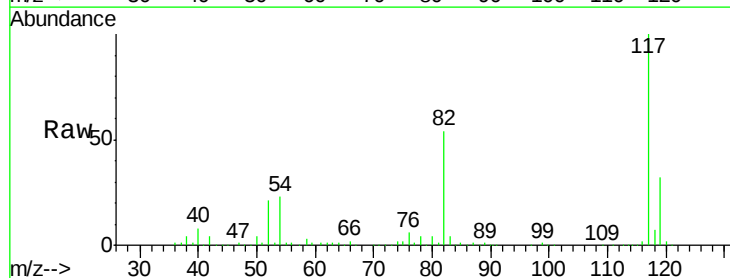
Instrument :
MSVOA_X
ClientSampleId :

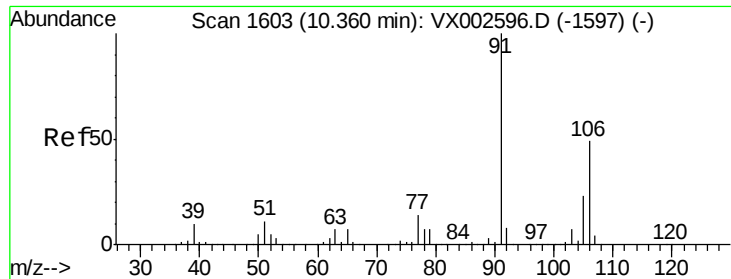
Tot Ion: 95 Resp: 148890
Ion Ratio Lower Upper
95 100
174 93.7 0.0 187.4
176 90.7 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002602.D
Acq: 15 Jun 2018 17:57

Tgt Ion: 117 Resp: 273962
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 32.1 25.8 38.6

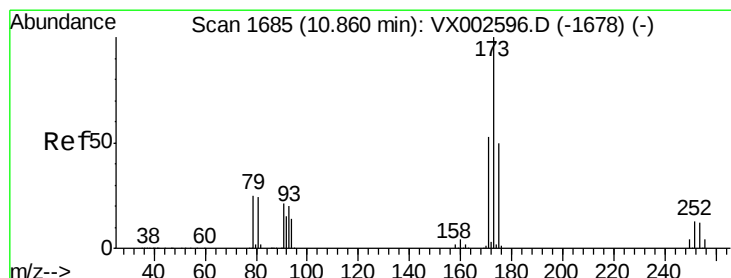
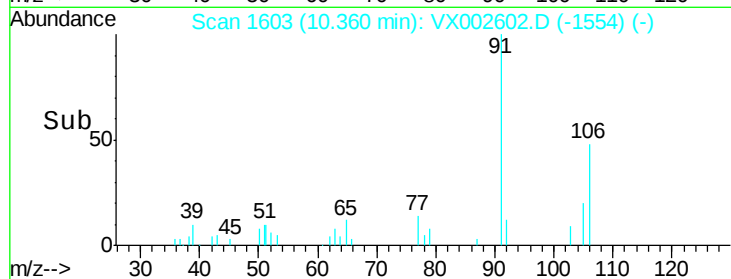
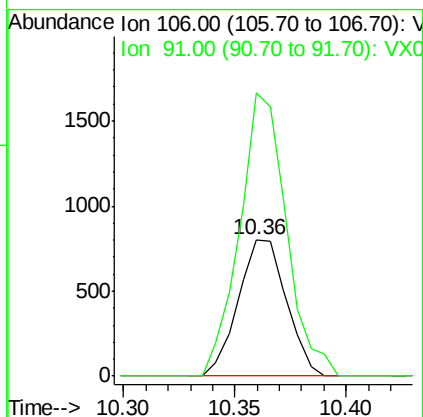
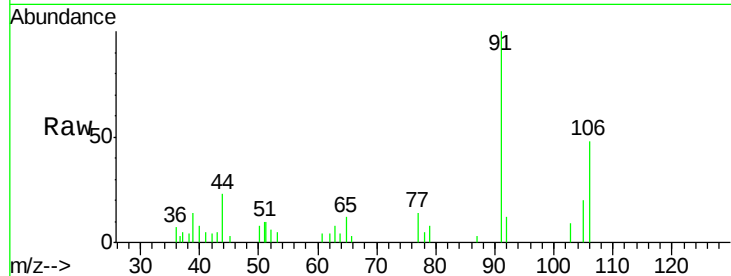




#68
m/p-Xvlenes
Concen: 0.27 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002602.D
Acq: 15 Jun 2018 17:57

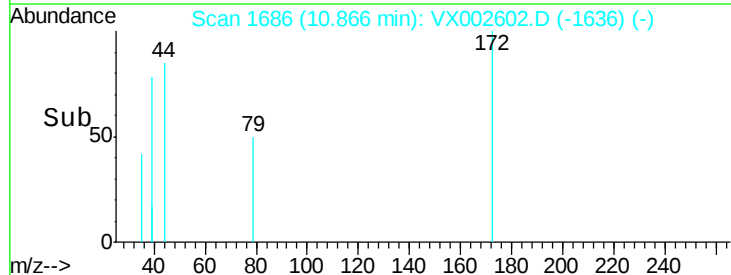
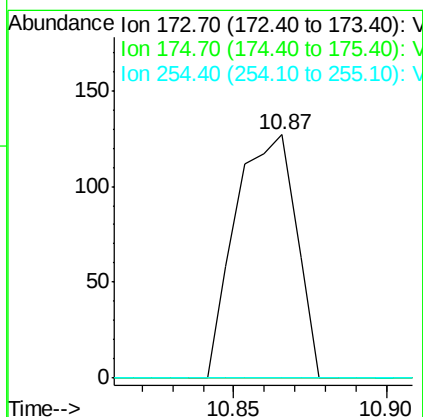
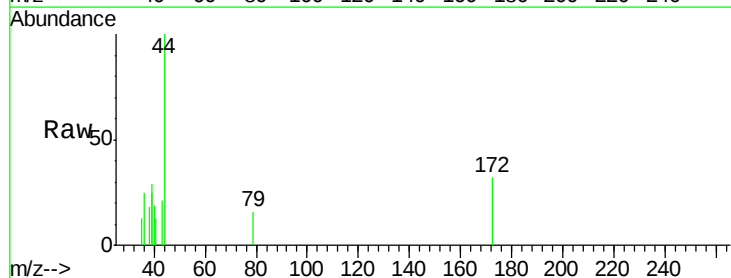
Instrument :
MSVOA_X
ClientSampleId :

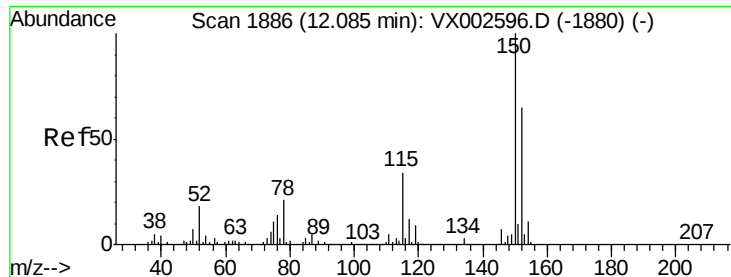
Tot Ion:106 Resp: 1202
Ion Ratio Lower Upper
106 100
91 203.0 163.4 245.2



#71
Bromoform
Concen: 4.92 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX002602.D
Acq: 15 Jun 2018 17:57

Tgt Ion:173 Resp: 174
Ion Ratio Lower Upper
173 100
175 0.0 24.7 74.1#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002602.D

Acq: 15 Jun 2018 17:57

Instrument :

MSVOA_X

ClientSampled :

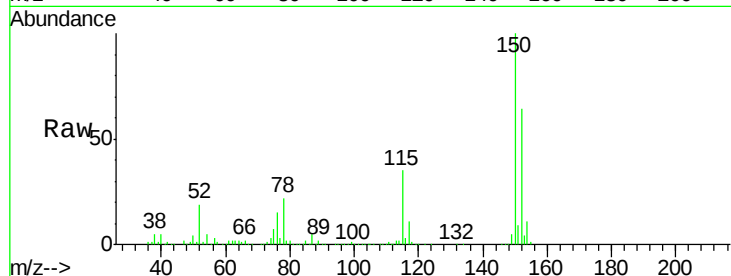
Tot Ion:152 Resp: 154606

Ion Ratio Lower Upper

152 100

115 55.4 40.1 120.2

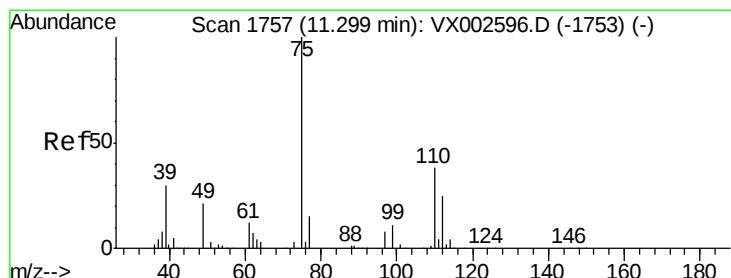
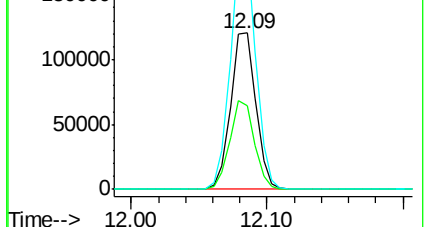
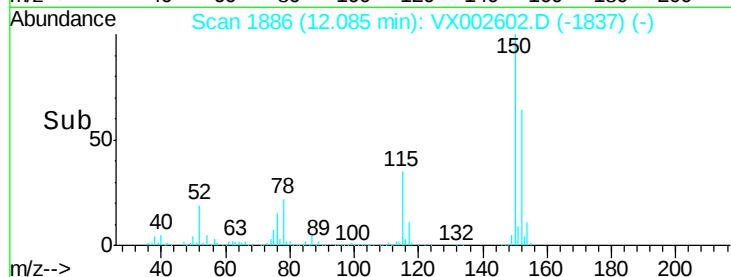
150 156.0 0.0 347.2



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: 27.56 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002602.D

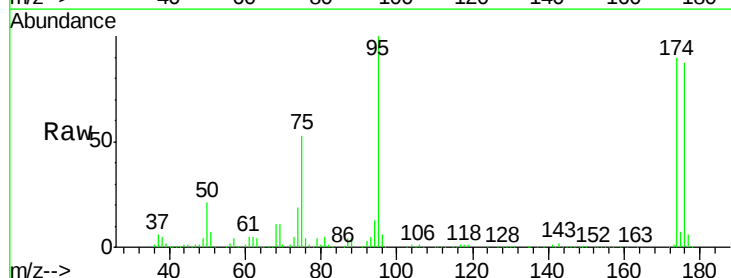
Acq: 15 Jun 2018 17:57

Tgt Ion: 75 Resp: 80417

Ion Ratio Lower Upper

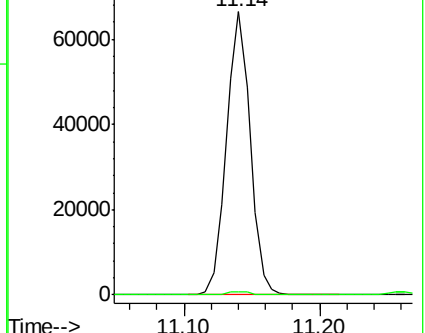
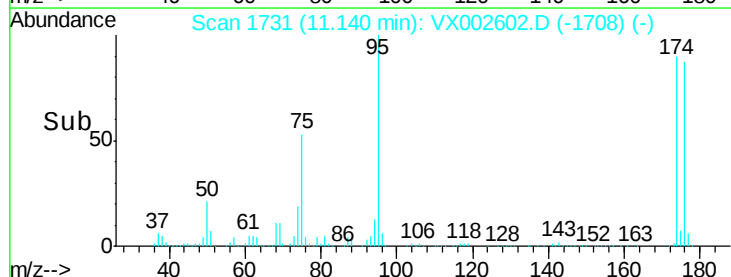
75 100

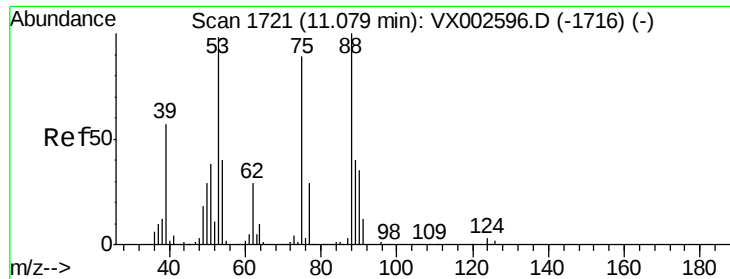
77 1.2 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

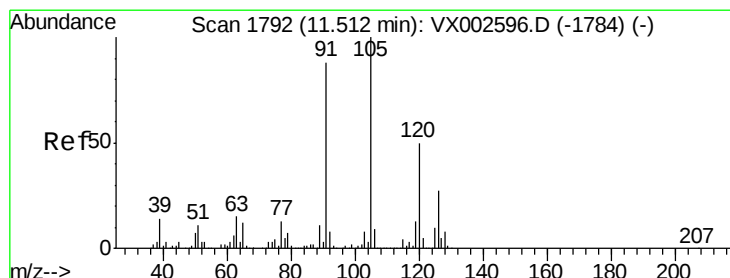
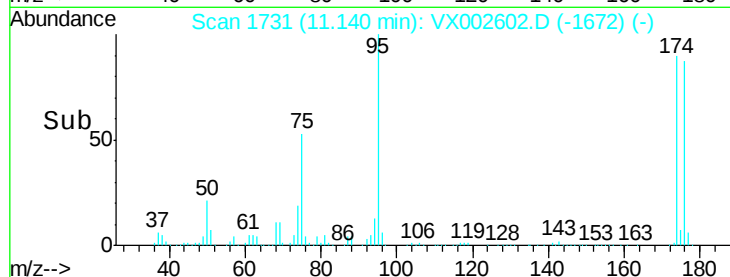
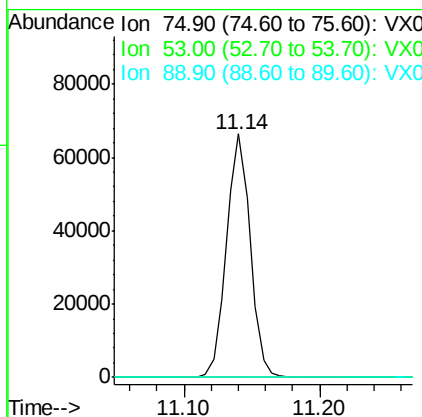
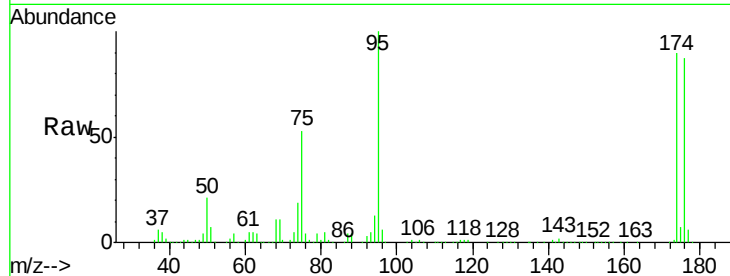




#81
trans-1,4-Dichloro-2-butene
Concen: 85.00 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002602.D
Acq: 15 Jun 2018 17:57

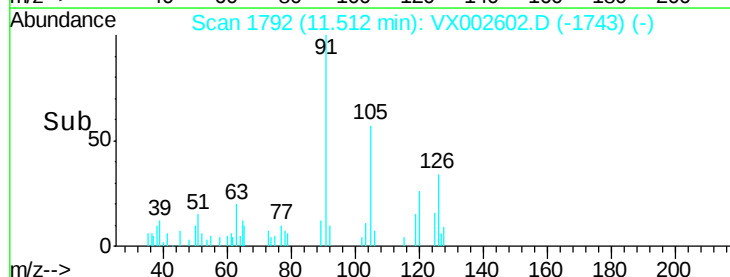
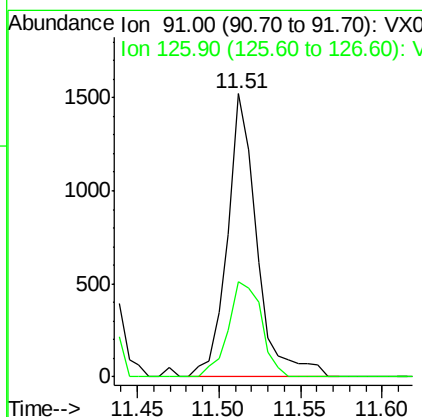
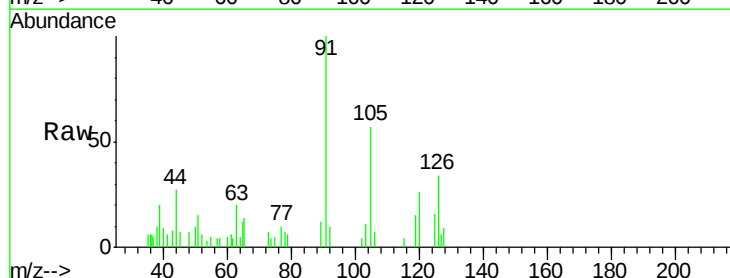
Instrument :
MSVOA_X
ClientSampleId :

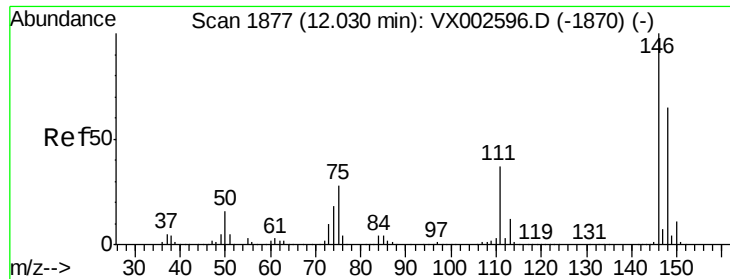
Tot Ion: 75 Resp: 80417
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 38.2 57.2#



#82
4-Chlorotoluene
Concen: 0.23 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002602.D
Acq: 15 Jun 2018 17:57

Tgt Ion: 91 Resp: 1909
Ion Ratio Lower Upper
91 100
126 38.2 15.4 46.4

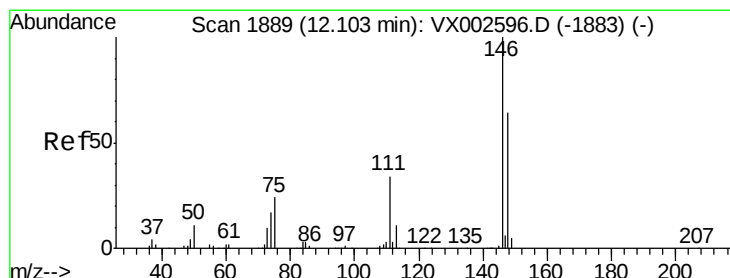
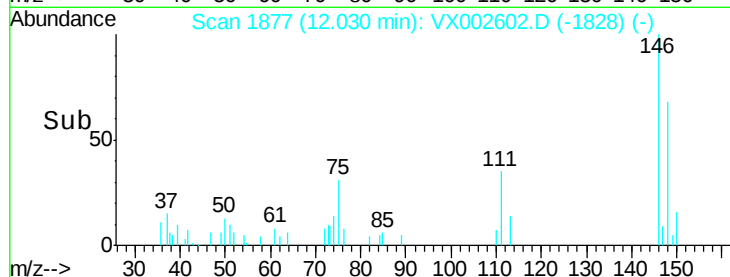
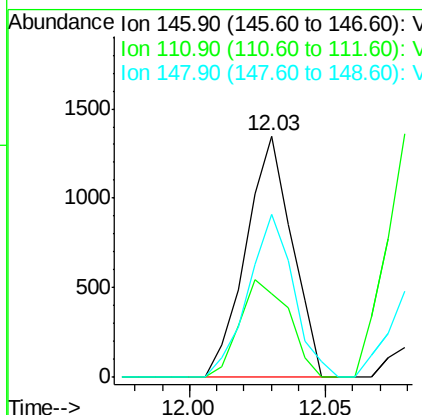
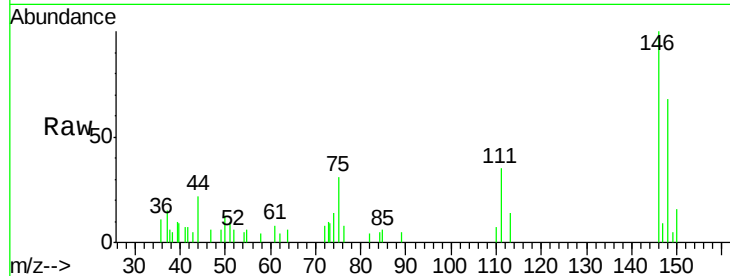




#87
 1,3-Dichlorobenzene
 Concen: 0.30 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002602.D
 Acq: 15 Jun 2018 17:57

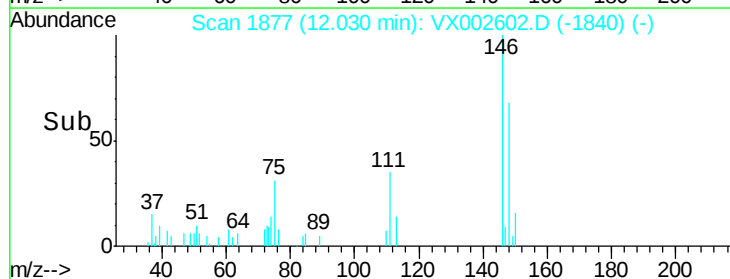
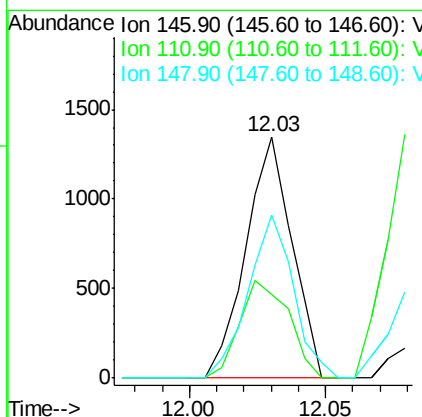
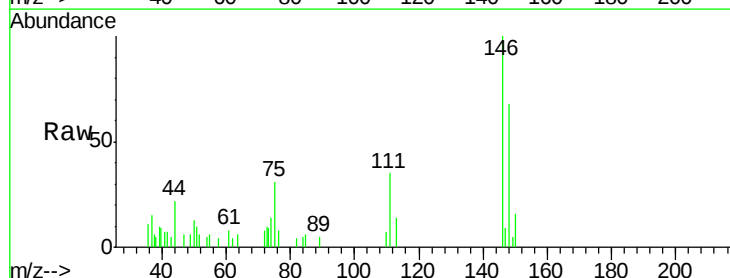
Instrument :
 MSVOA_X
 ClientSampleId :

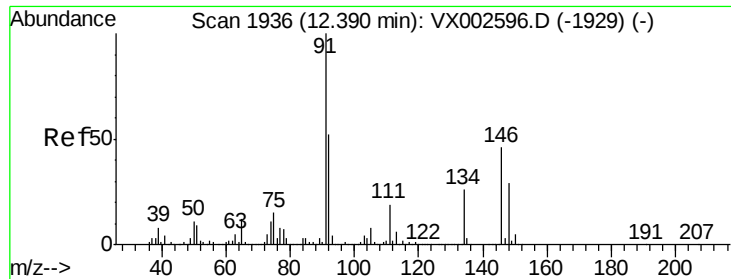
Tot Ion:146 Resp: 1582
 Ion Ratio Lower Upper
 146 100
 111 42.9 18.9 56.7
 148 66.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 0.30 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.07 min
 Lab File: VX002602.D
 Acq: 15 Jun 2018 17:57

Tgt Ion:146 Resp: 1582
 Ion Ratio Lower Upper
 146 100
 111 42.9 18.7 56.1
 148 66.4 32.4 97.0





#89

n-Butylbenzene

Concen: 0.26 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002602.D

Acq: 15 Jun 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

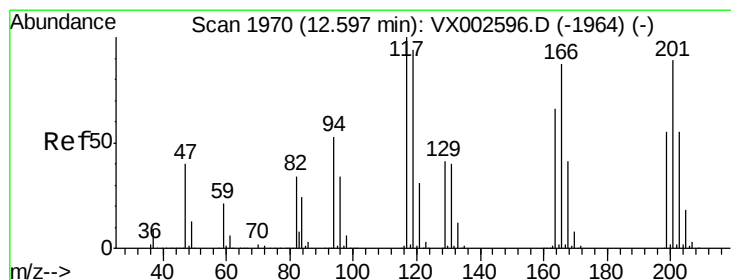
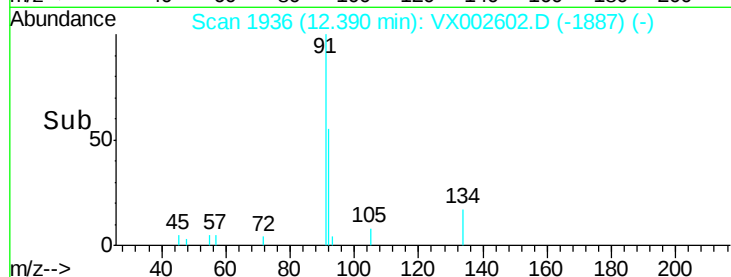
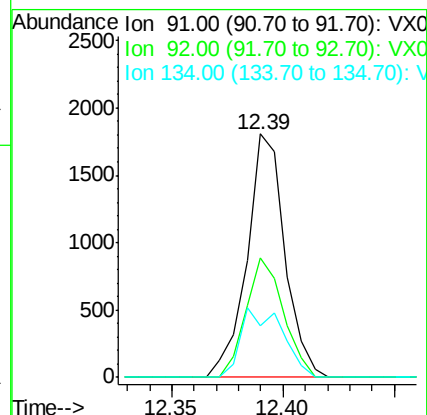
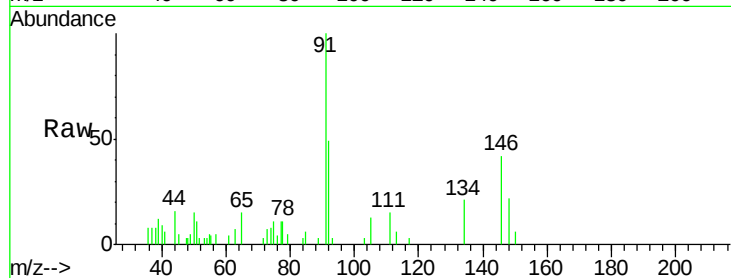
Tot Ion: 91 Resp: 2149

Ion Ratio Lower Upper

91 100

92 48.4 26.0 78.0

134 31.3 13.5 40.5



#90

Hexachloroethane

Concen: 2.71 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX002602.D

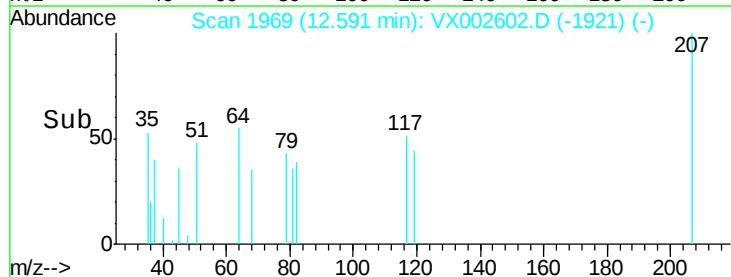
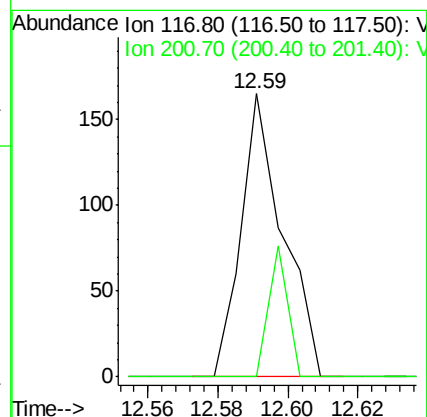
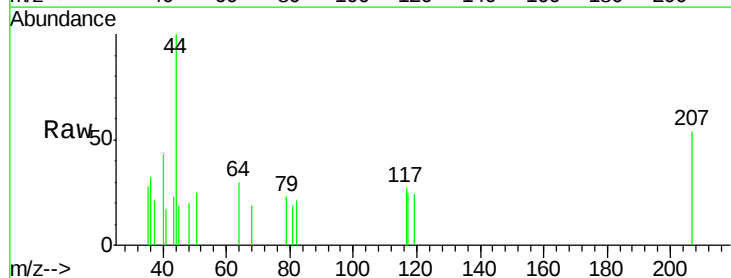
Acq: 15 Jun 2018 17:57

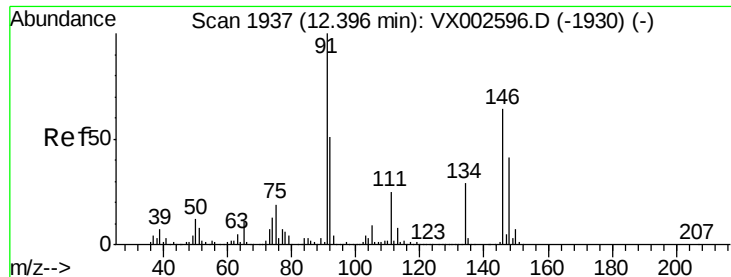
Tgt Ion: 117 Resp: 137

Ion Ratio Lower Upper

117 100

201 20.4 49.0 147.0#

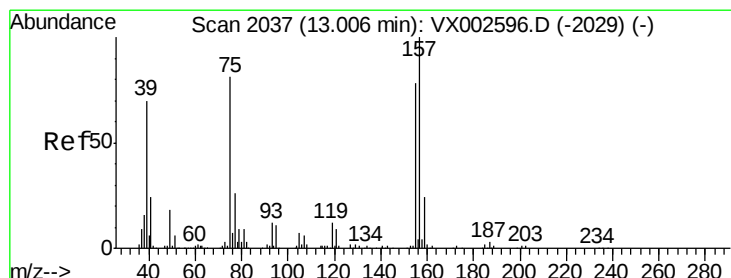
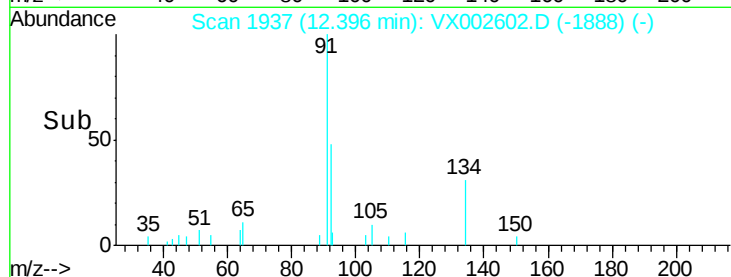
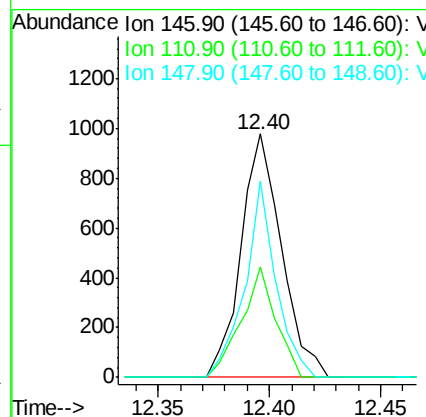
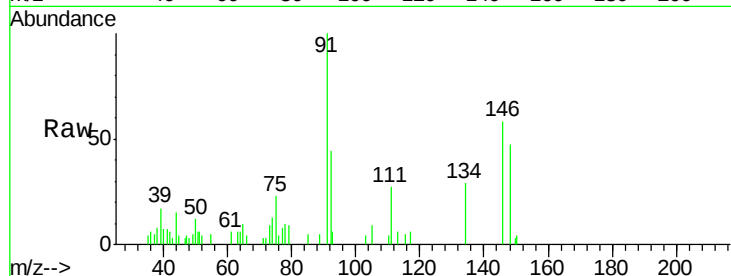




#91
 1,2-Dichlorobenzene
 Concen: 0.23 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002602.D
 Acq: 15 Jun 2018 17:57

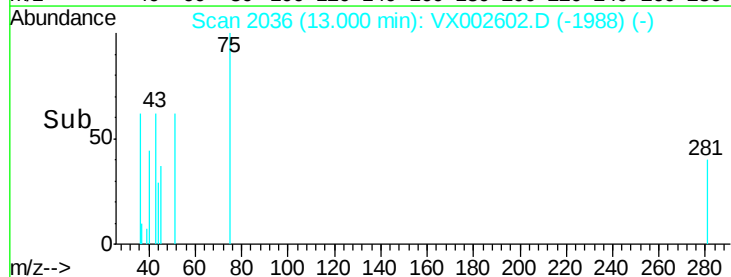
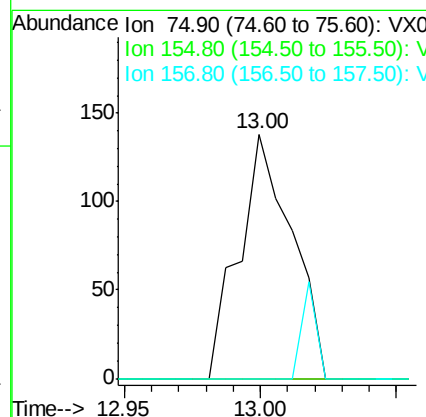
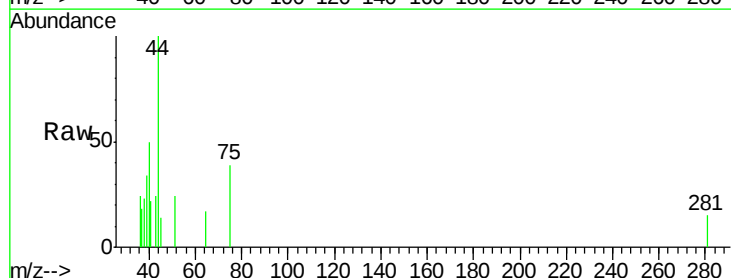
Instrument :
 MSVOA_X
 ClientSampleId :

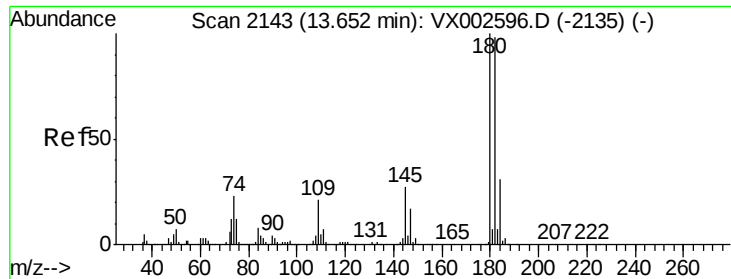
Tot Ion:146 Resp: 1242
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.4 58.1
 148 62.0 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.29 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VX002602.D
 Acq: 15 Jun 2018 17:57

Tgt Ion: 75 Resp: 187
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.8 137.4#
 157 10.7 60.1 180.3#

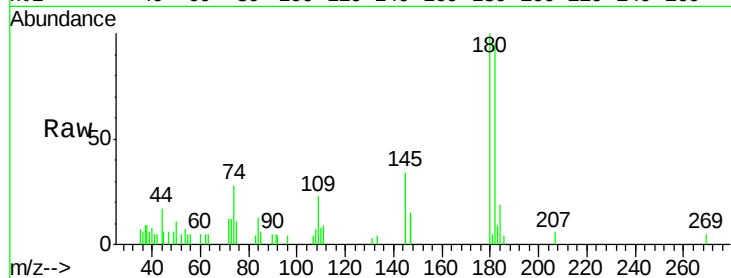




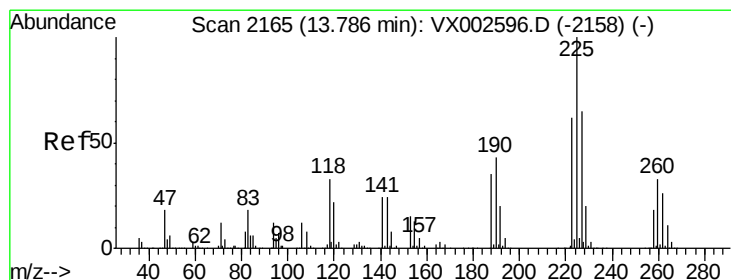
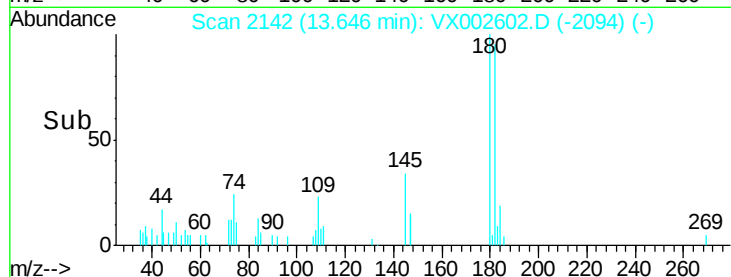
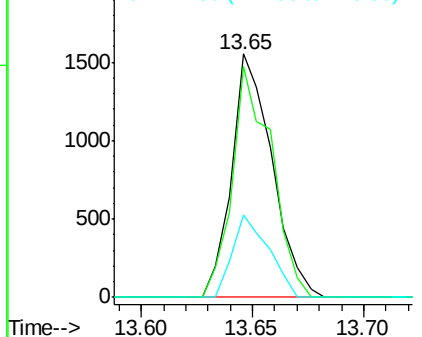
#93
 1,2,4-Trichlorobenzene
 Concen: 0.51 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX002602.D
 Acq: 15 Jun 2018 17:57

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 1970
 Ion Ratio Lower Upper
 180 100
 182 91.9 47.7 143.1
 145 30.2 14.1 42.4

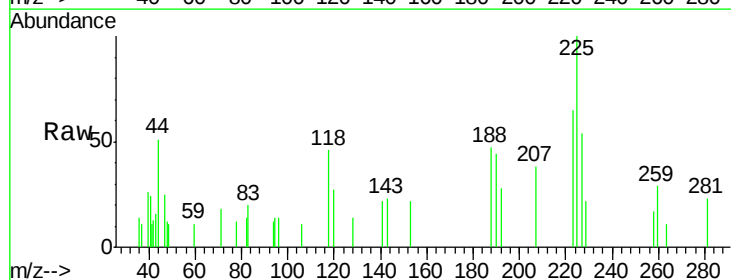


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

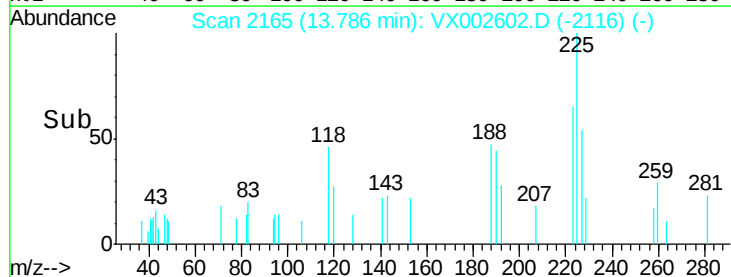
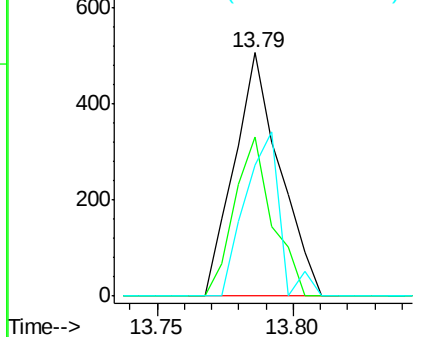


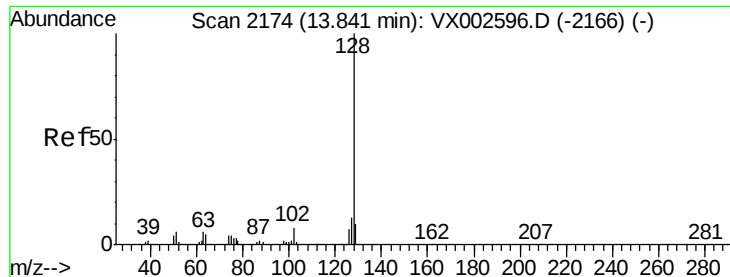
#94
 Hexachlorobutadiene
 Concen: 0.29 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002602.D
 Acq: 15 Jun 2018 17:57

Tgt Ion:225 Resp: 588
 Ion Ratio Lower Upper
 225 100
 223 54.9 31.6 95.0
 227 51.2 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 0.32 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002602.D

Acq: 15 Jun 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

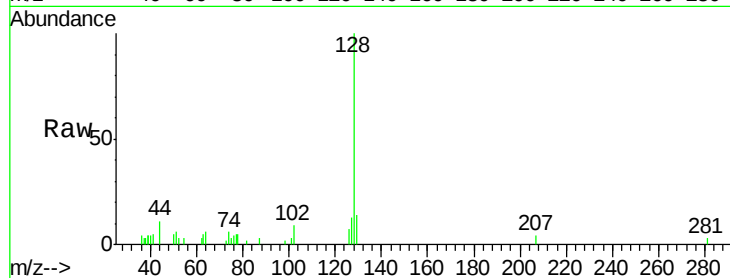
Tot Ion:128 Resp: 3290

Ion Ratio Lower Upper

128 100

127 17.2 10.4 15.6#

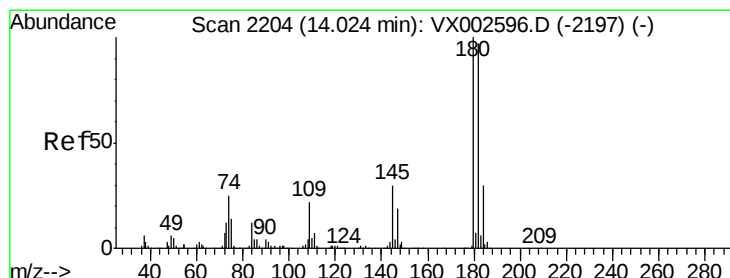
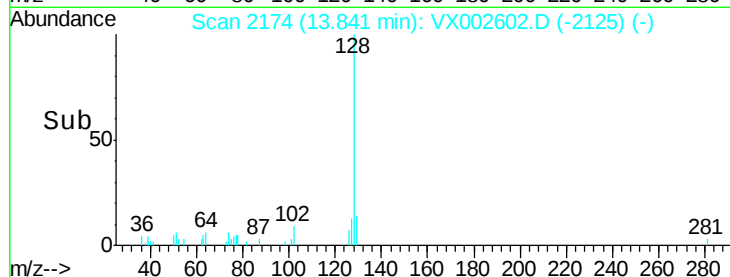
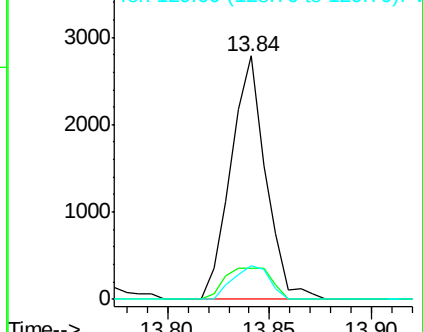
129 14.5 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.42 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002602.D

Acq: 15 Jun 2018 17:57

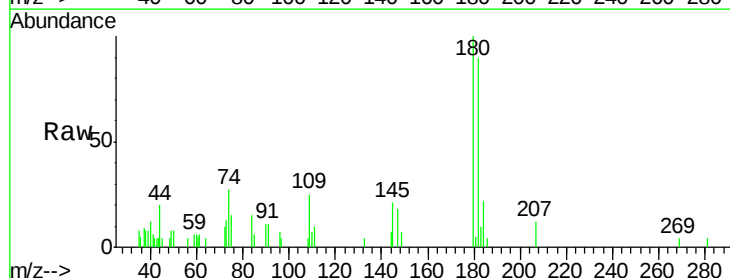
Tgt Ion:180 Resp: 1616

Ion Ratio Lower Upper

180 100

182 92.6 48.0 144.0

145 31.2 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

