

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002821.D
 Acq On : 22 Jun 2018 06:39
 Operator : JC/MD
 Sample : J3622-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 22 08:23:53 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	253634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	360888	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	193194	50.00	ug/l	0.00

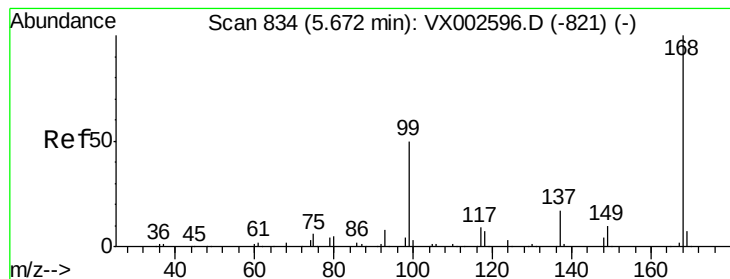
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	172585	44.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.56%	
35) Dibromofluoromethane	5.51	113	135576	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
50) Toluene-d8	8.72	98	508020	46.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.90%	
62) 4-Bromofluorobenzene	11.14	95	183932	44.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.76%	

Target Compounds

						Qvalue
5) Bromomethane	1.65	94	725	0.36	ug/l	83
6) Chloroethane	1.69	64	2279	1.04	ug/l #	43
8) Diethyl Ether	2.20	74	614	0.30	ug/l	76
10) Methyl Iodide	2.52	142	1016	5.40	ug/l #	90
11) Tert butyl alcohol	3.02	59	1149	1.44	ug/l #	85
13) Acrolein	2.29	56	184	7.34	ug/l #	14
14) Allyl chloride	2.85	41	8911	1.58	ug/l #	24
16) Acetone	2.45	43	9614	5.65	ug/l	96
18) Methyl Acetate	2.78	43	21867	4.83	ug/l	96
20) Methylene Chloride	2.86	84	238171	68.31	ug/l	96
25) 2-Butanone	4.70	43	2102	0.94	ug/l #	86
29) Tetrahydrofuran	5.18	42	902	0.62	ug/l #	87
30) Chloroform	5.22	83	1461	0.27	ug/l	88
31) Cyclohexane	5.67	56	5157	1.13	ug/l #	6
36) 1,1-Dichloropropene	5.67	75	17237	4.50	ug/l #	51
38) Carbon Tetrachloride	5.67	117	23409	6.13	ug/l #	14
51) 4-Methyl-2-Pentanone	8.65	43	1143	0.25	ug/l	90
53) t-1,3-Dichloropropene	8.68	75	23	2.40	ug/l #	1
54) cis-1,3-Dichloropropene	9.03	75	19	3.22	ug/l #	37
60) Dibromochloromethane	9.59	129	177	3.81	ug/l	66
65) Chlorobenzene	10.14	112	2514	0.31	ug/l	94
76) 1,2,3-Trichloropropane	11.14	75	97951	26.87	ug/l #	33
78) n-propylbenzene	11.37	91	5456	0.37	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.14	75	97951	82.96	ug/l #	7
85) sec-Butylbenzene	11.95	105	4144	0.32	ug/l	81
89) n-Butylbenzene	12.39	91	2253	0.22	ug/l #	73
90) Hexachloroethane	12.67	117	1374	3.33	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.98	75	372	0.47	ug/l #	1
95) Naphthalene	13.83	128	12366	0.95	ug/l #	90

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

Instrument :

MSVOA_X

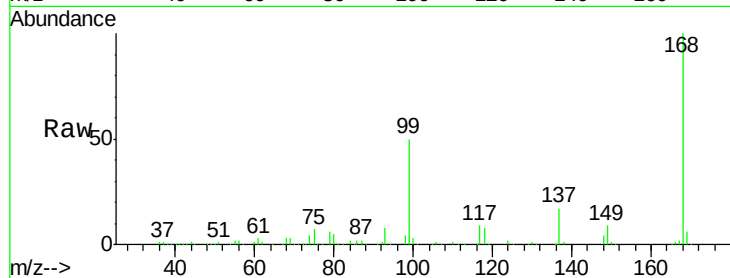
ClientSampled :

Tot Ion:168 Resp: 253634

Ion Ratio Lower Upper

168 100

99 50.3 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

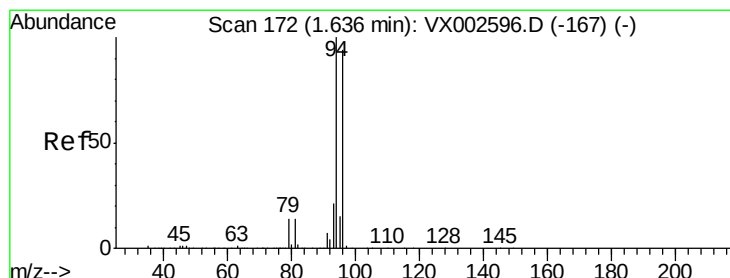
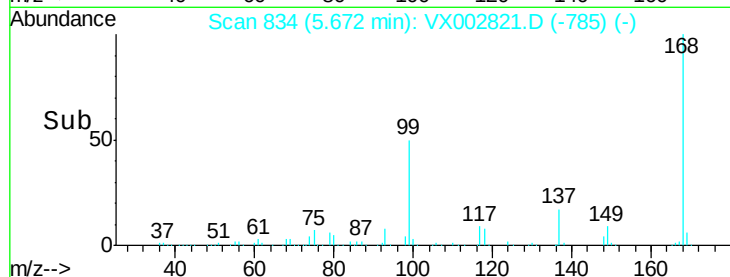
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.36 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX002821.D

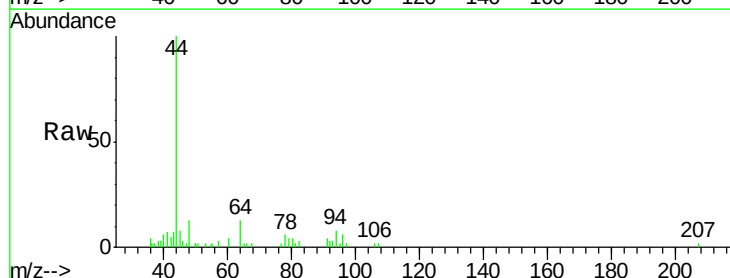
Acq: 22 Jun 2018 06:39

Tgt Ion: 94 Resp: 725

Ion Ratio Lower Upper

94 100

96 77.2 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

300

250

200

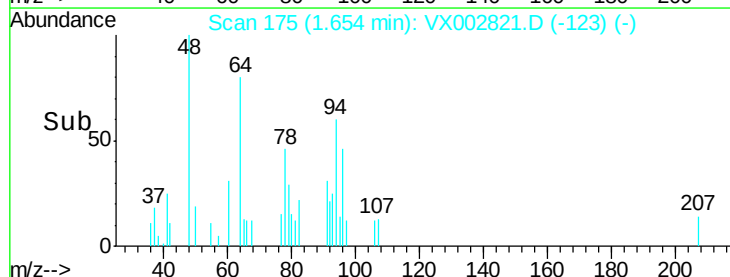
150

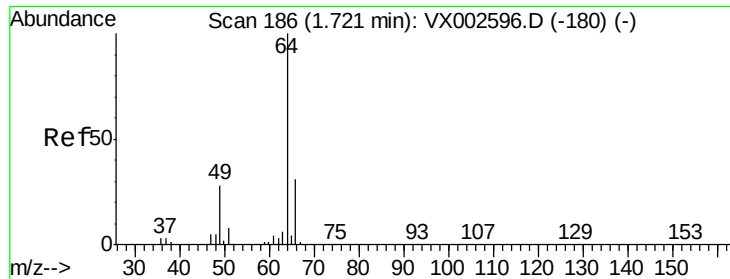
100

50

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: 1.04 ug/l

RT: 1.69 min Scan# 181

Delta R.T. -0.03 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

Instrument :

MSVOA_X

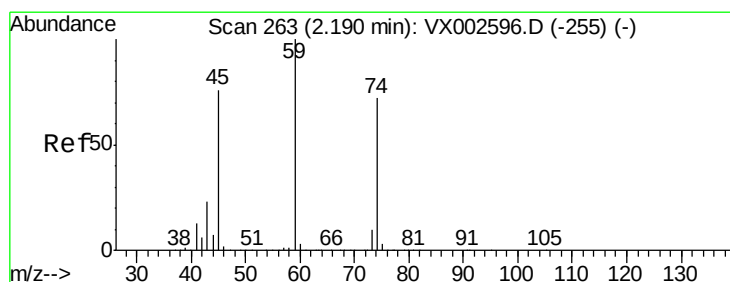
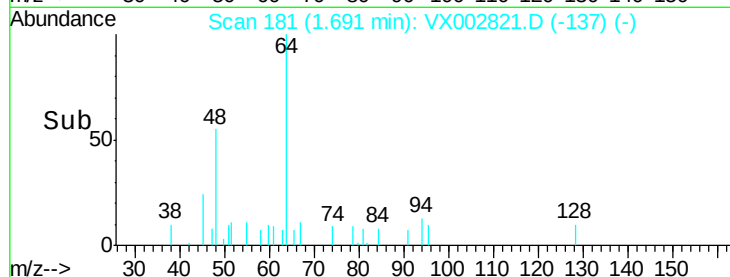
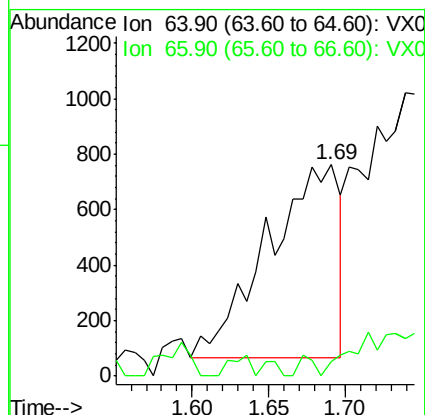
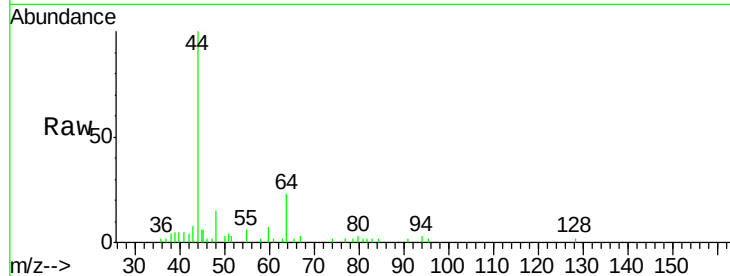
ClientSampleId :

Tot Ion: 64 Resp: 2279

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#



#8

Diethyl Ether

Concen: 0.30 ug/l

RT: 2.20 min Scan# 264

Delta R.T. 0.01 min

Lab File: VX002821.D

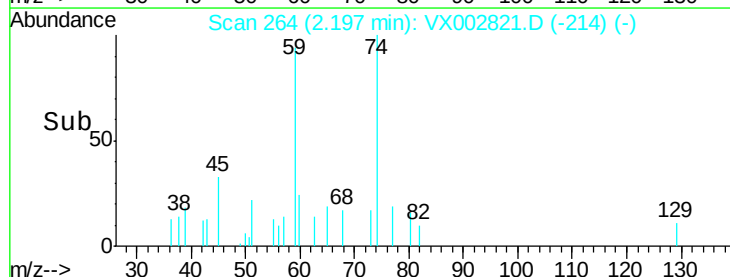
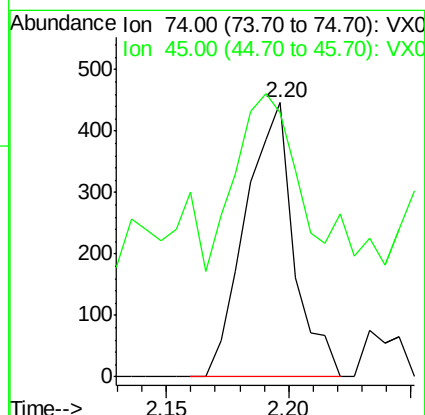
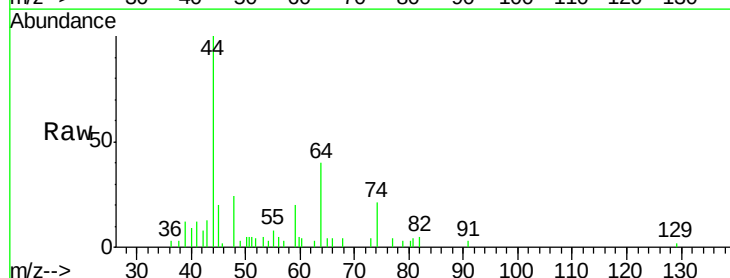
Acq: 22 Jun 2018 06:39

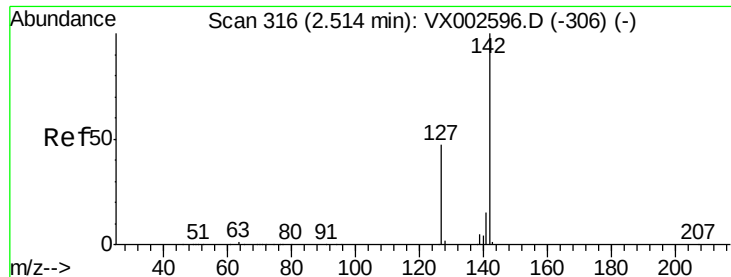
Tgt Ion: 74 Resp: 614

Ion Ratio Lower Upper

74 100

45 81.4 53.1 159.4

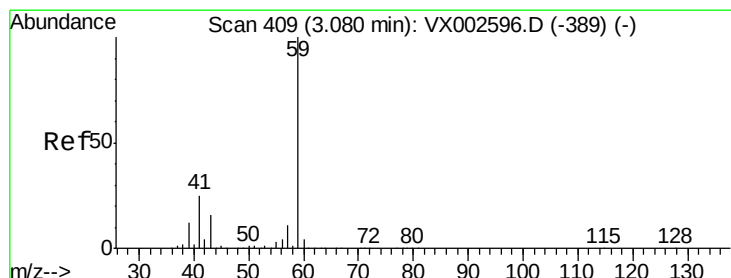
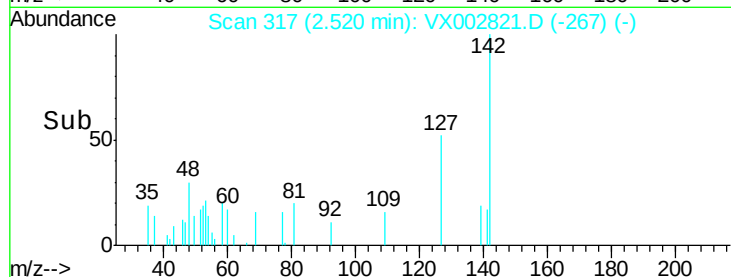
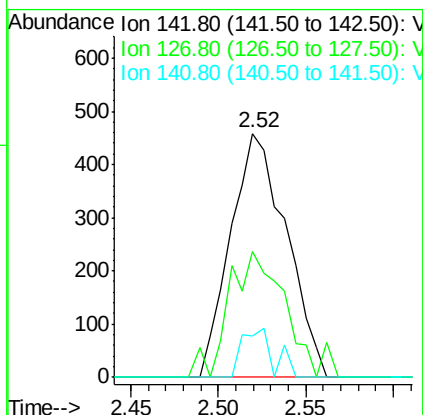
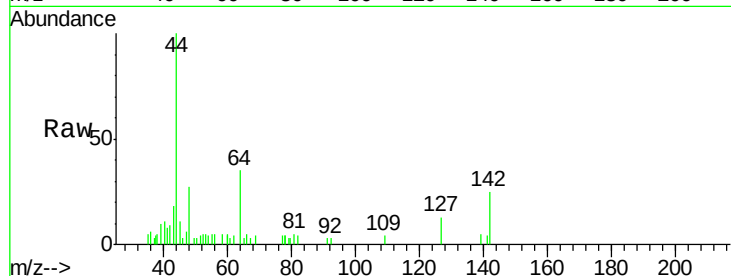




#10
Methvl Iodide
Concen: 5.40 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

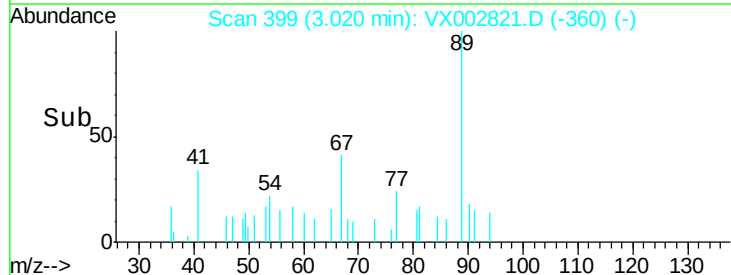
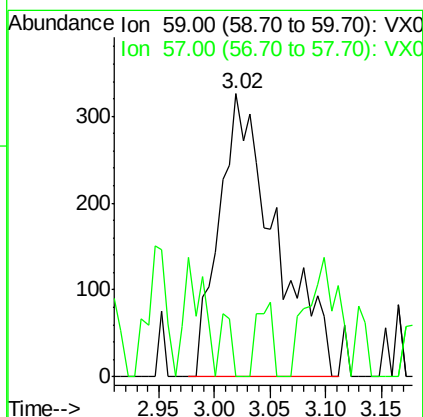
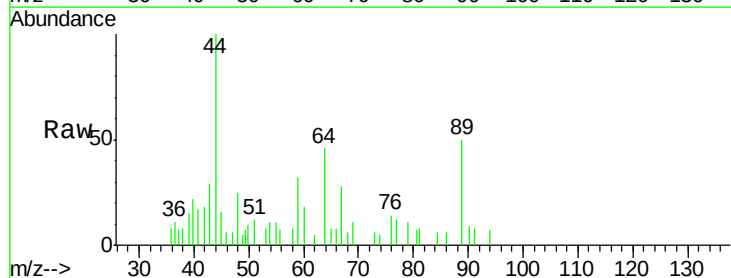
Instrument :
MSVOA_X
ClientSampled :

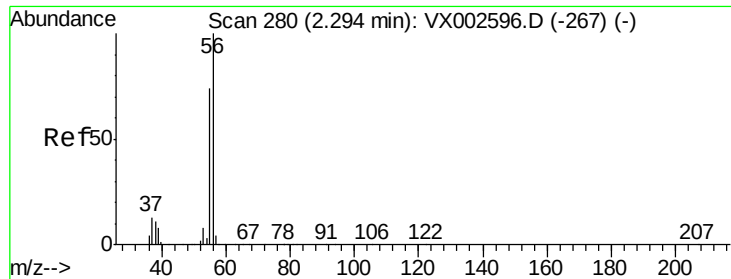
Tot Ion:142 Resp: 1016
Ion Ratio Lower Upper
142 100
127 52.8 36.6 55.0
141 11.2 11.3 16.9#



#11
Tert butyl alcohol
Concen: 1.44 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Tgt Ion: 59 Resp: 1149
Ion Ratio Lower Upper
59 100
57 4.4 8.2 12.2#





#13

Acrolein

Concen: 7.34 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

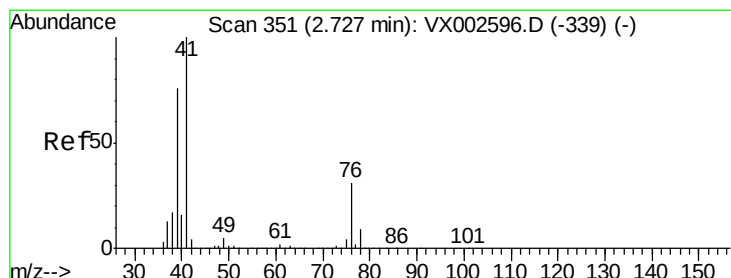
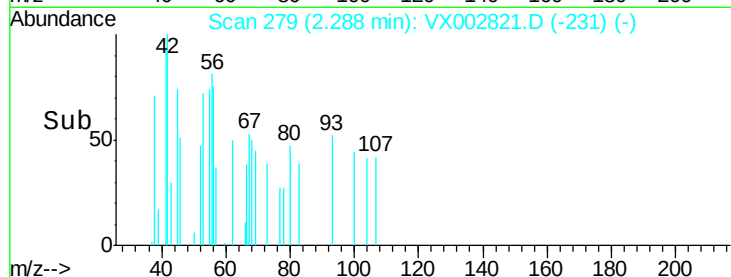
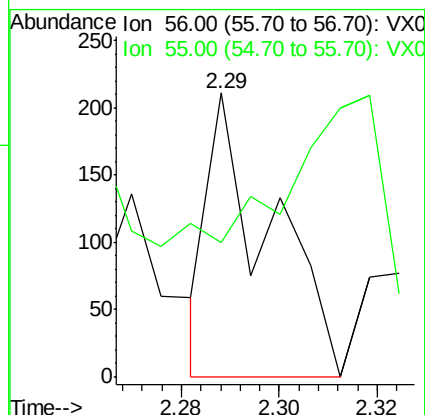
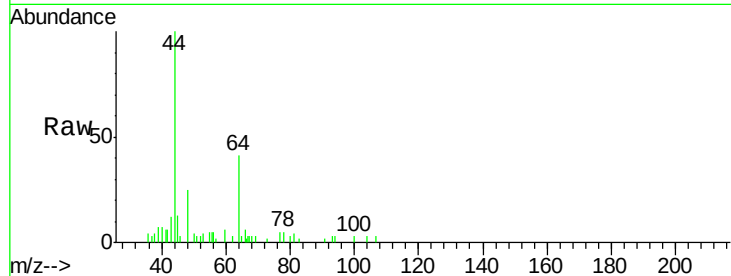
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 184

Ion Ratio Lower Upper

56 100

55 0.0 57.0 85.4#



#14

Allyl chloride

Concen: 1.58 ug/l

RT: 2.85 min Scan# 372

Delta R.T. 0.13 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

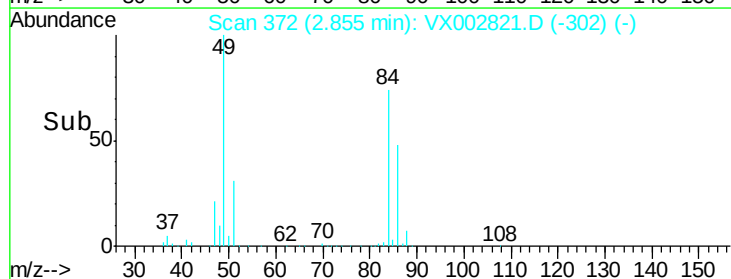
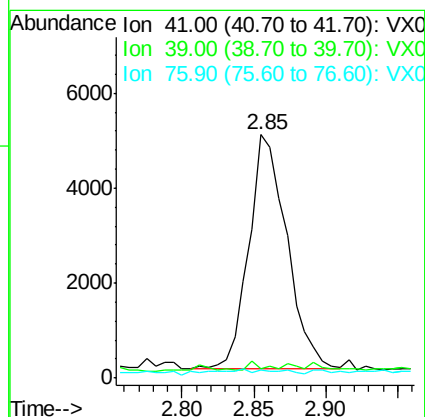
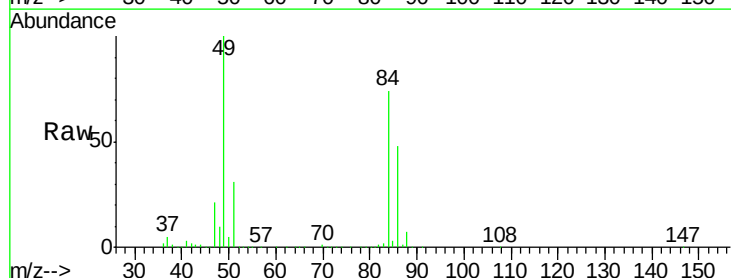
Tgt Ion: 41 Resp: 8911

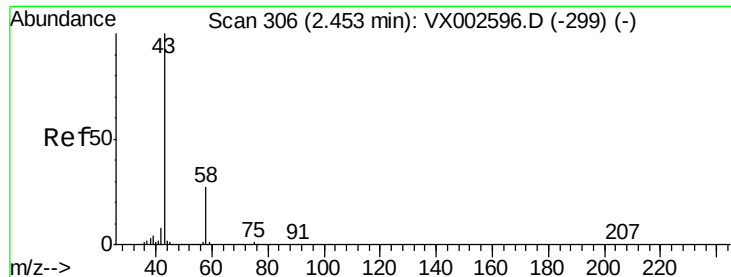
Ion Ratio Lower Upper

41 100

39 1.4 56.8 85.2#

76 0.0 23.8 35.8#





#16

Acetone

Concen: 5.65 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

Instrument :

MSVOA_X

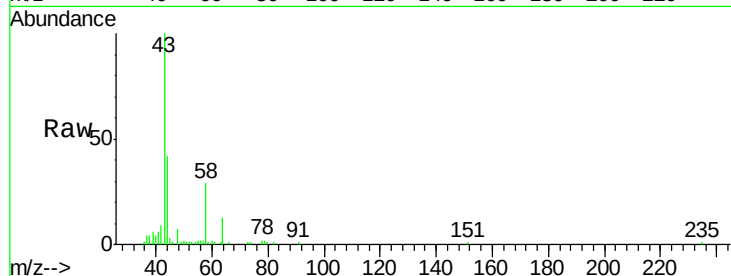
ClientSampleId :

Tot Ion: 43 Resp: 9614

Ion Ratio Lower Upper

43 100

58 29.6 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

6000

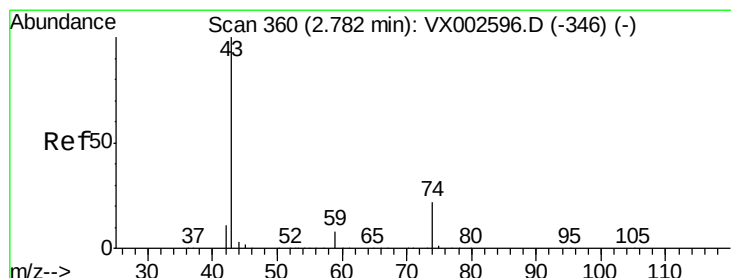
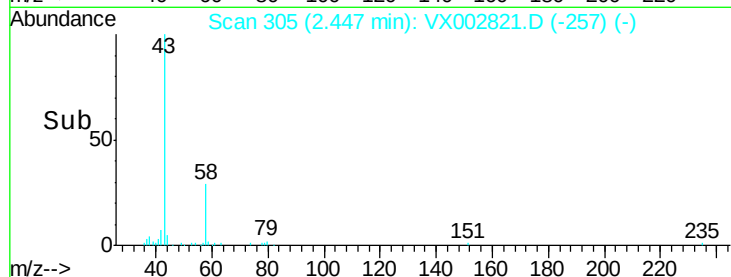
4000

2000

0

2.35 2.40 2.45 2.50

Time-->



#18

Methyl Acetate

Concen: 4.83 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002821.D

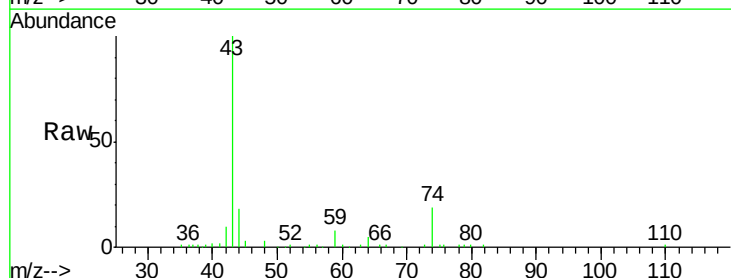
Acq: 22 Jun 2018 06:39

Tgt Ion: 43 Resp: 21867

Ion Ratio Lower Upper

43 100

74 22.7 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

15000

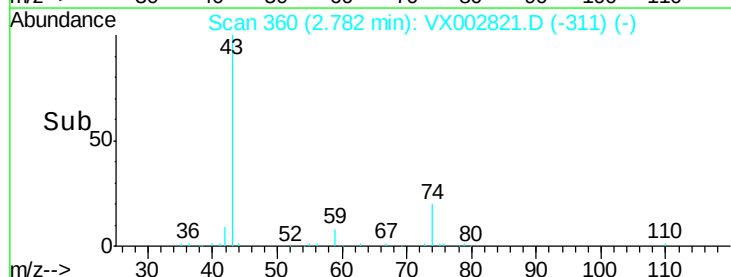
10000

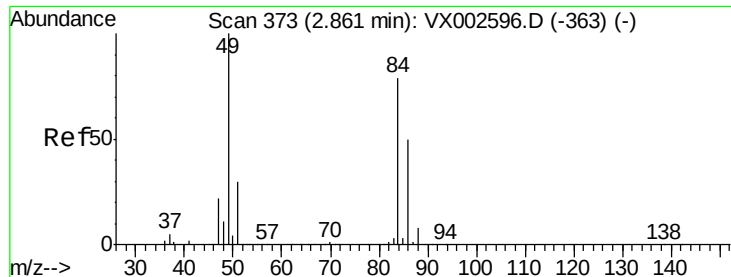
5000

0

2.70 2.75 2.80 2.85

Time-->

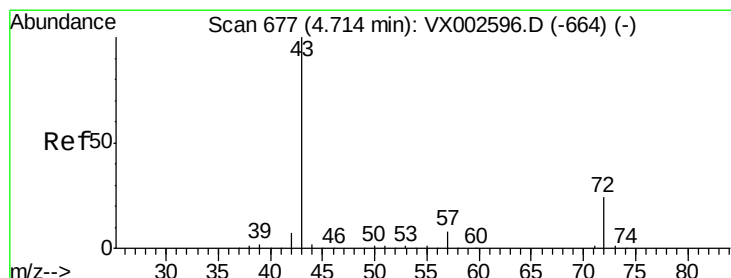
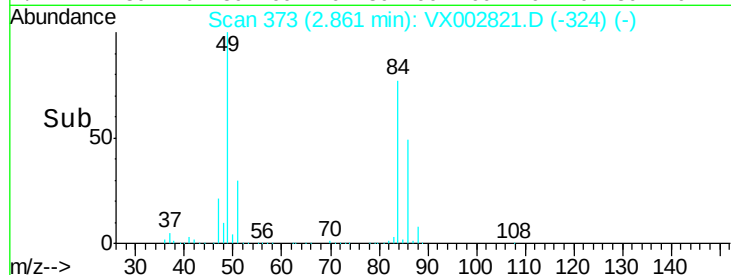
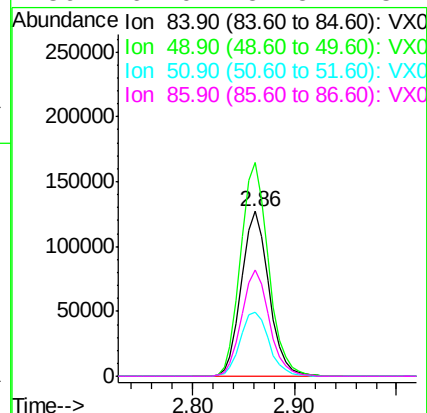
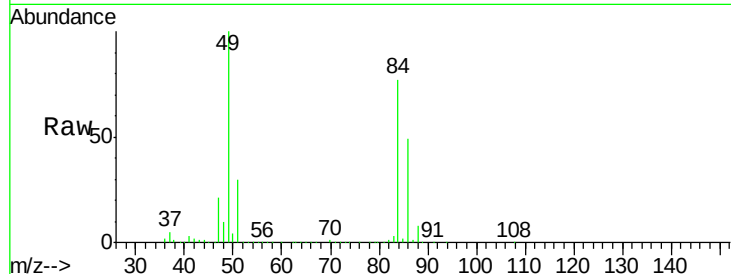




#20
Methvlene Chloride
Concen: 68.31 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

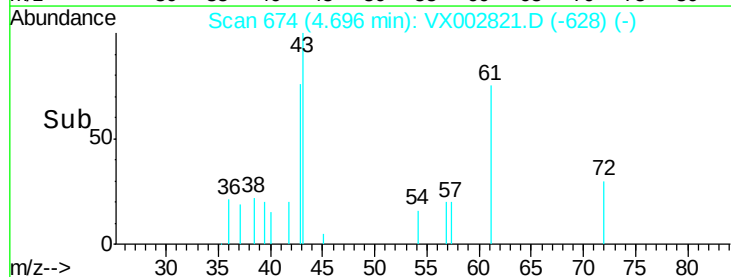
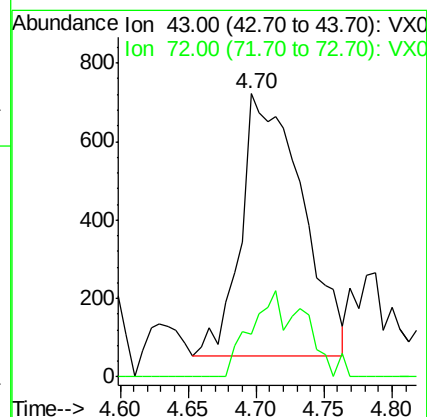
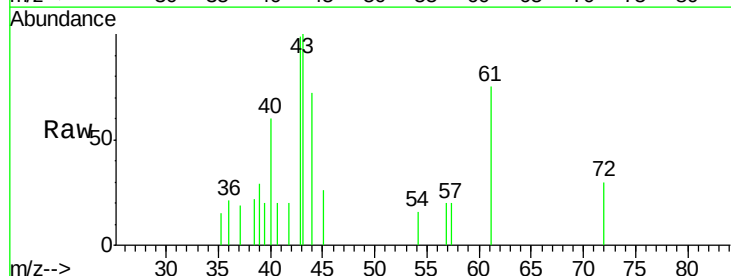
Instrument :
MSVOA_X
ClientSampled :

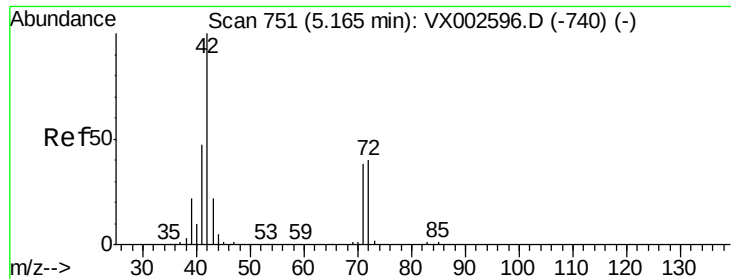
Tot Ion: 84 Resp: 238171
Ion Ratio Lower Upper
84 100
49 129.4 107.8 161.6
51 38.7 32.8 49.2
86 64.0 52.5 78.7



#25
2-Butanone
Concen: 0.94 ug/l
RT: 4.70 min Scan# 674
Delta R.T. -0.02 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Tgt Ion: 43 Resp: 2102
Ion Ratio Lower Upper
43 100
72 16.4 18.5 27.7#

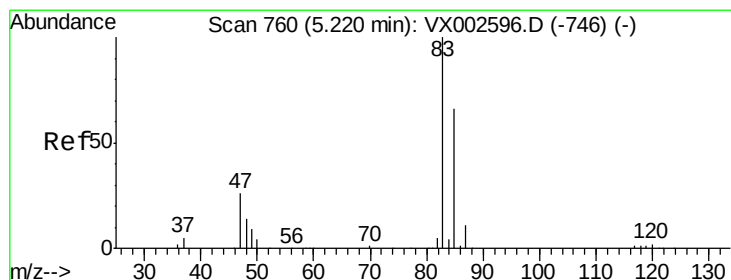
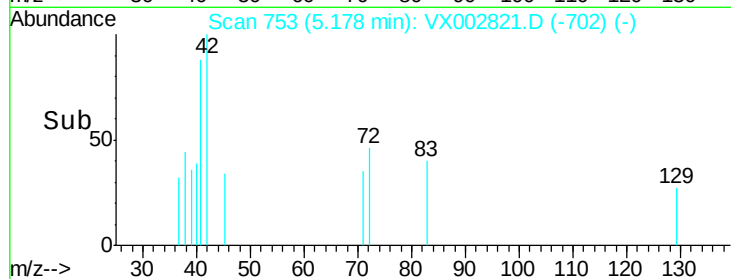
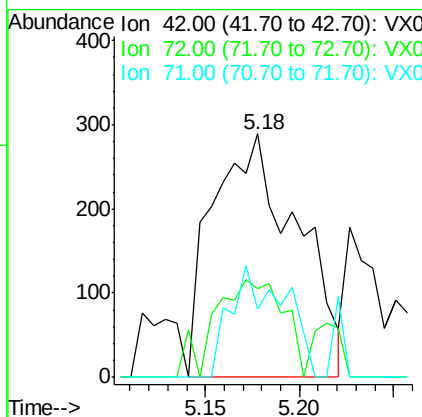
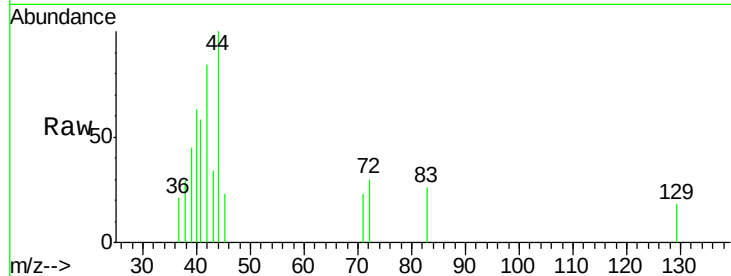




#29
Tetrahydrofuran
Concen: 0.62 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

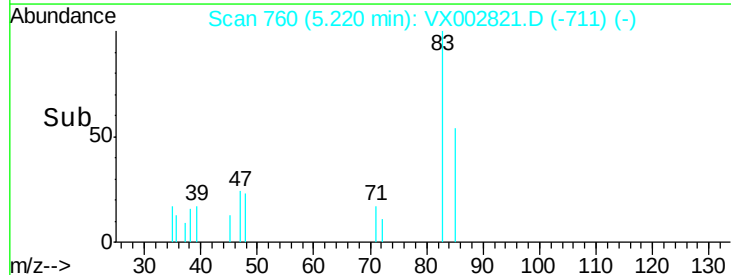
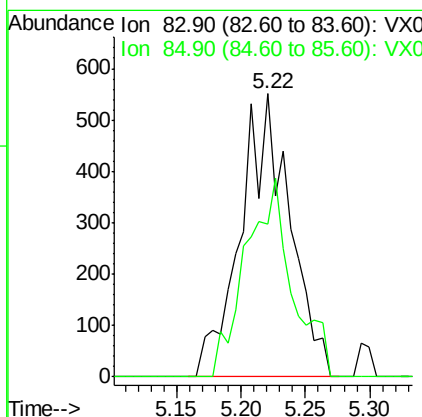
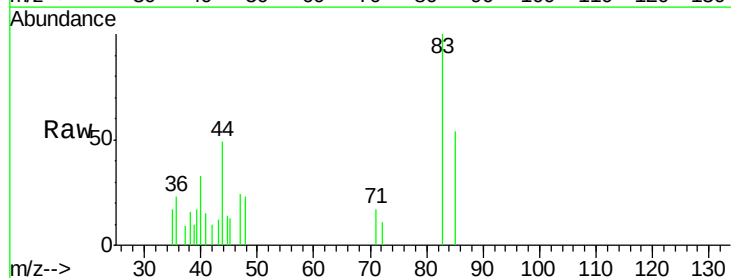
Instrument :
MSVOA_X
ClientSampleId :

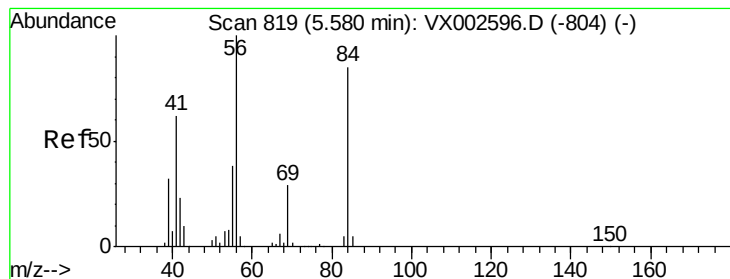
Tot Ion: 42 Resp: 902
Ion Ratio Lower Upper
42 100
72 32.6 32.0 48.0
71 29.2 30.1 45.1#



#30
Chloroform
Concen: 0.27 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Tgt Ion: 83 Resp: 1461
Ion Ratio Lower Upper
83 100
85 53.7 50.4 75.6





#31

Cyclohexane

Concen: 1.13 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

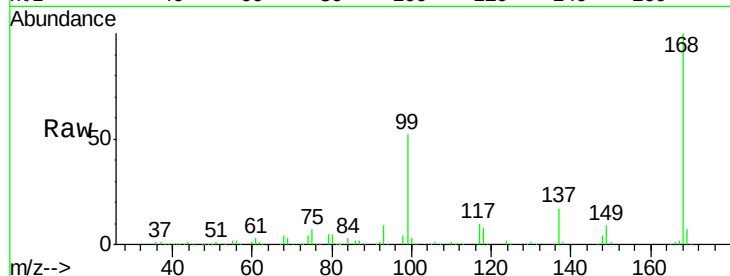
Tot Ion: 56 Resp: 5157

Ion Ratio Lower Upper

56 100

69 152.4 23.7 35.5#

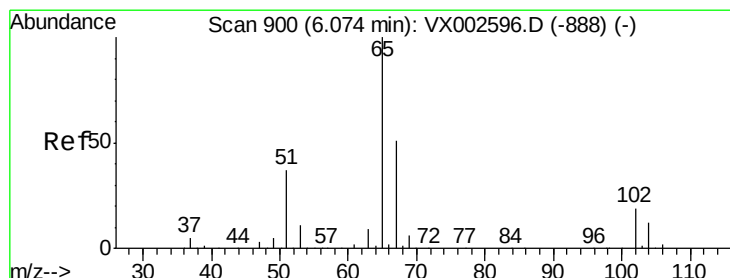
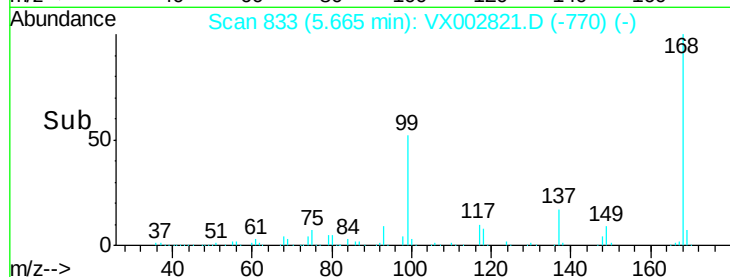
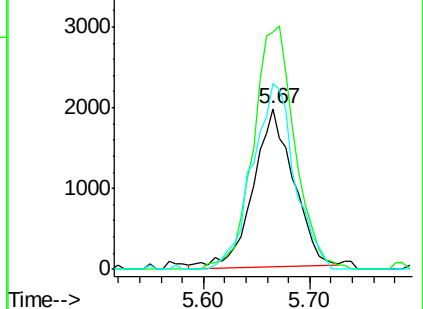
84 119.3 64.1 96.1#



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: 44.78 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002821.D

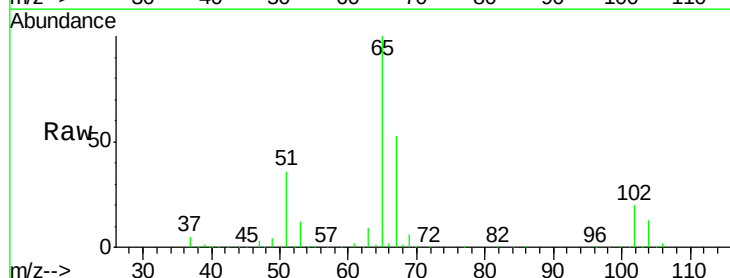
Acq: 22 Jun 2018 06:39

Tgt Ion: 65 Resp: 172585

Ion Ratio Lower Upper

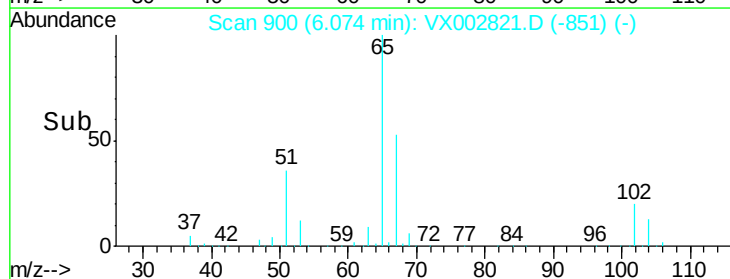
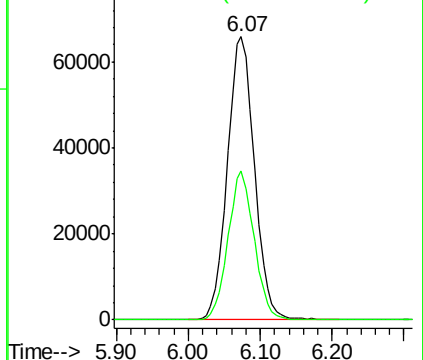
65 100

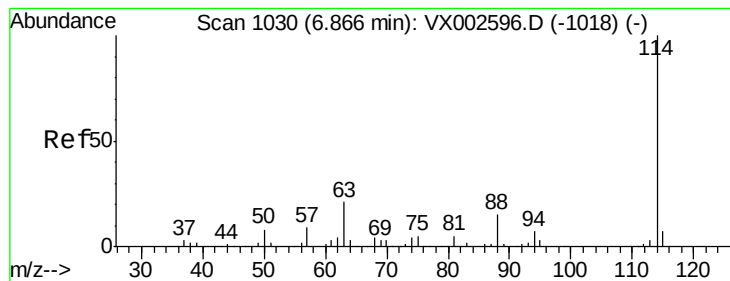
67 50.6 0.0 102.6



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: VX002821.D

Acq: 22 Jun 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

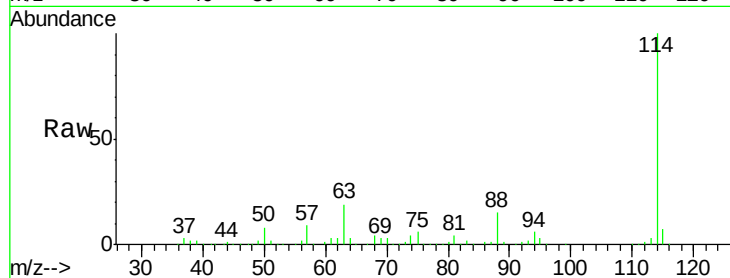
Tot Ion:114 Resp: 360888

Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.4

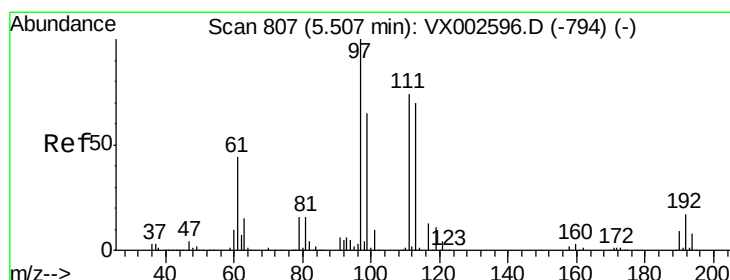
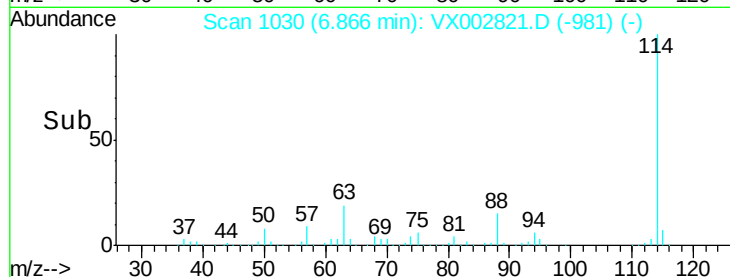
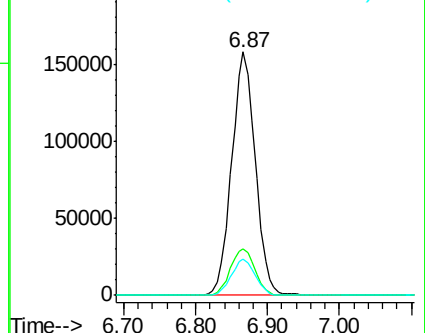
88 15.0 0.0 30.0



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: 47.07 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

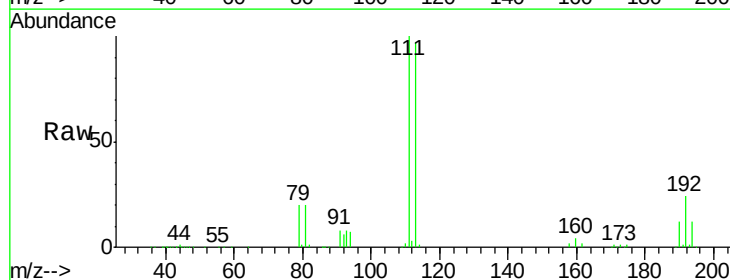
Tgt Ion:113 Resp: 135576

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

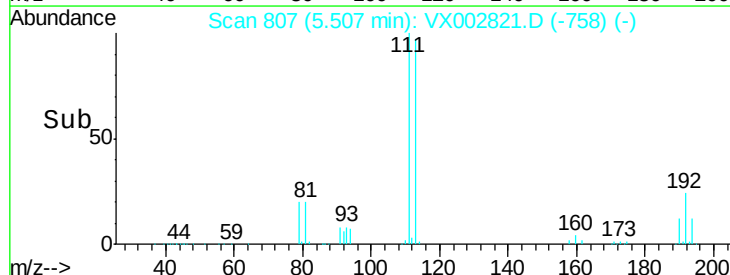
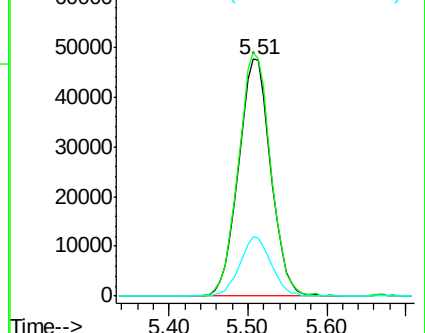
192 24.3 19.1 28.7

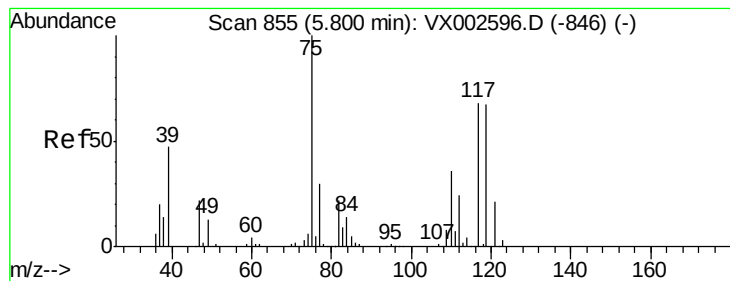


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.50 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

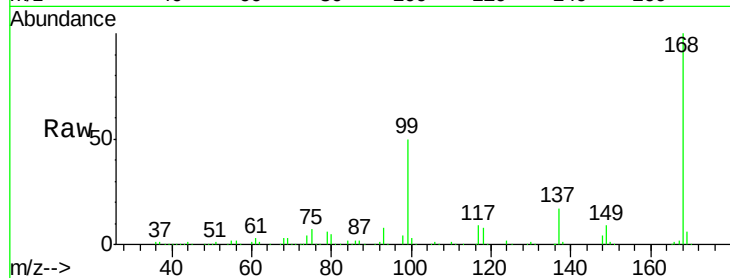
Tot Ion: 75 Resp: 17237

Ion Ratio Lower Upper

75 100

110 10.5 18.1 54.4#

77 0.3 24.3 36.5#

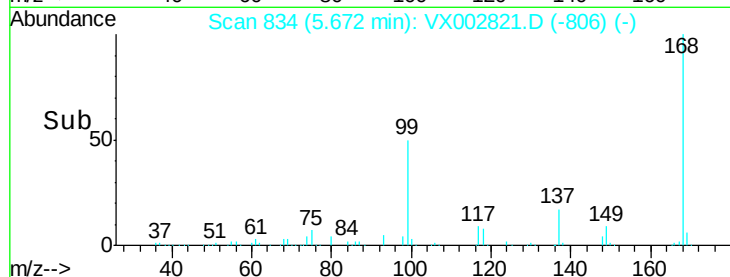


Abundance Ion 74.90 (74.60 to 75.60): VX002596.D (-846) (-)

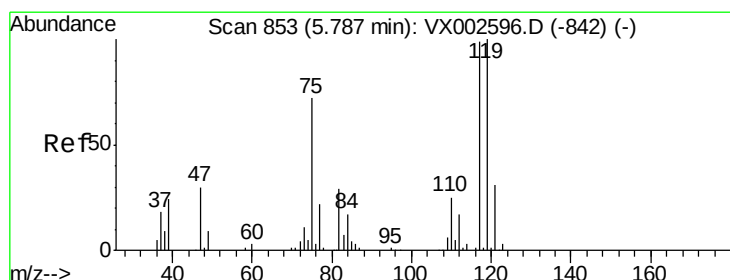
Ion 109.90 (109.60 to 110.60): VX002596.D (-846) (-)

Ion 76.90 (76.60 to 77.60): VX002596.D (-846) (-)

Time-->



Time-->



#38

Carbon Tetrachloride

Concen: 6.13 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

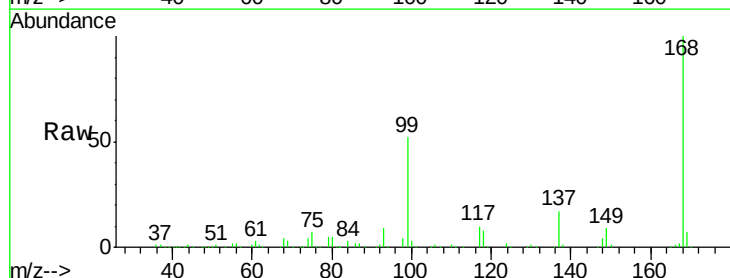
Tgt Ion: 117 Resp: 23409

Ion Ratio Lower Upper

117 100

119 3.4 77.4 116.0#

121 0.0 24.4 36.6#

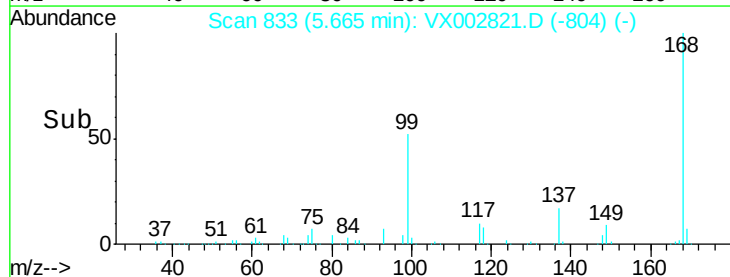


Abundance Ion 116.80 (116.50 to 117.50): VX002596.D (-842) (-)

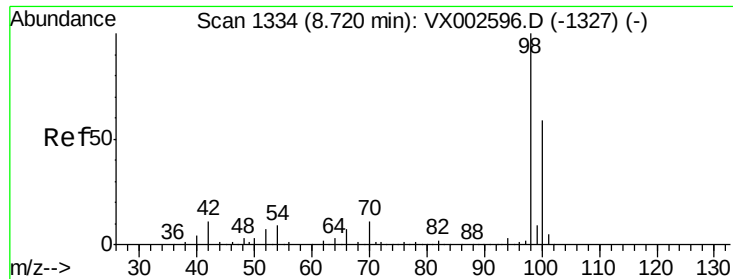
Ion 118.80 (118.50 to 119.50): VX002596.D (-842) (-)

Ion 120.80 (120.50 to 121.50): VX002596.D (-842) (-)

Time-->



Time-->



#50

Toluene-d8

Concen: 46.45 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

Instrument :

MSVOA_X

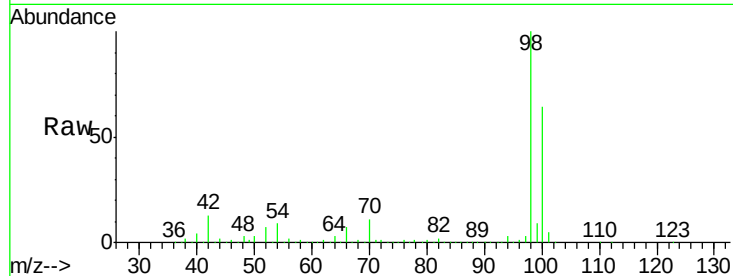
ClientSampleId :

Tot Ion: 98 Resp: 508020

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

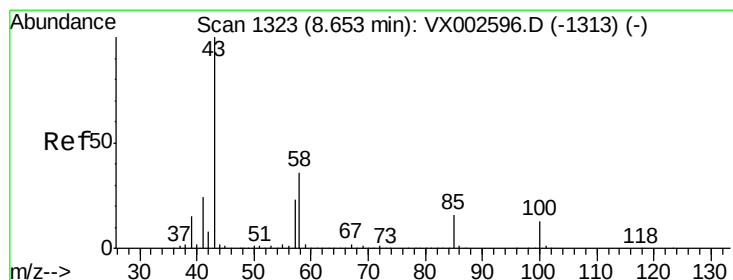
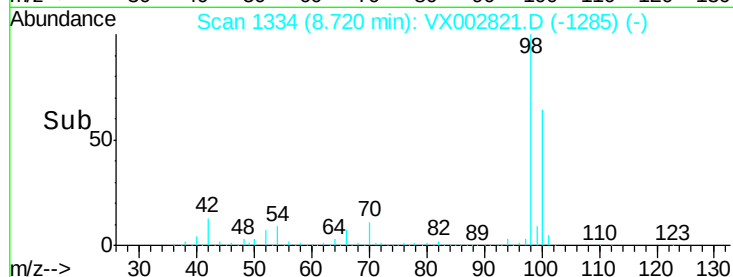
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.25 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX002821.D

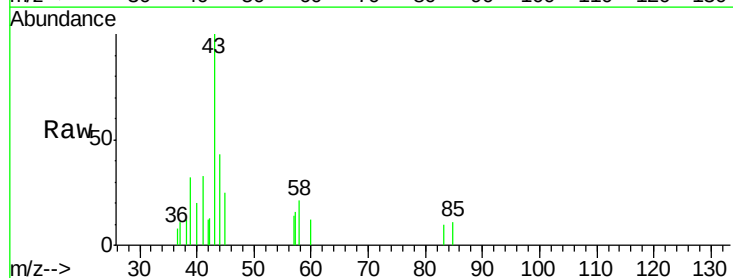
Acq: 22 Jun 2018 06:39

Tgt Ion: 43 Resp: 1143

Ion Ratio Lower Upper

43 100

58 29.9 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

3000

2500

2000

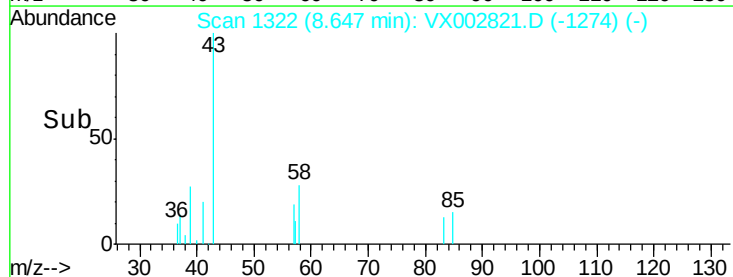
1500

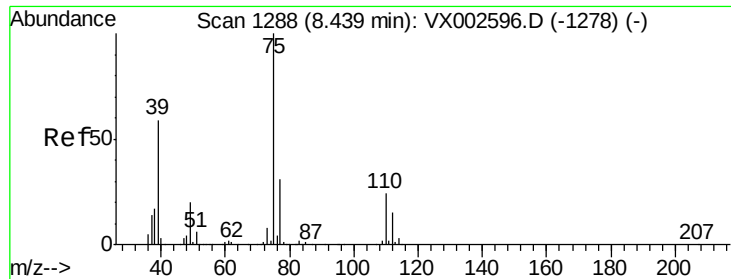
1000

500

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 2.40 ug/l

RT: 8.68 min Scan# 1327

Delta R.T. 0.24 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

Instrument :

MSVOA_X

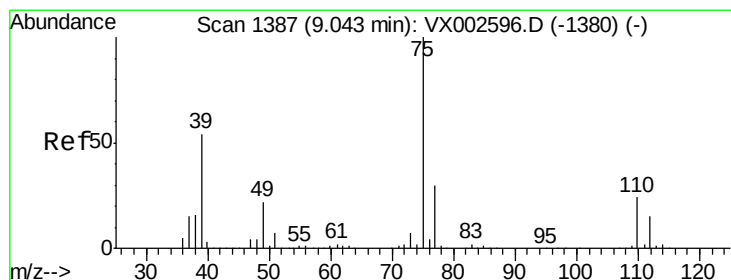
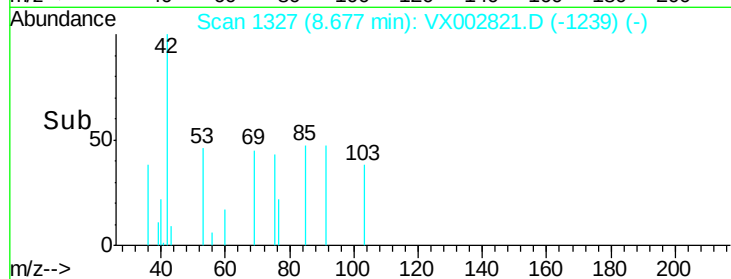
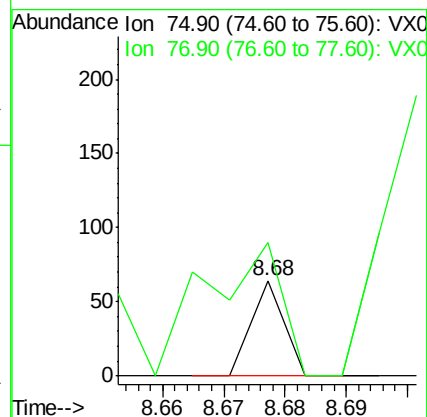
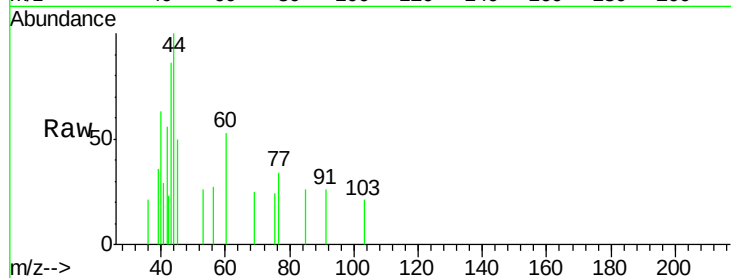
ClientSampled :

Tot Ion: 75 Resp: 23

Ion Ratio Lower Upper

75 100

77 140.6 25.4 38.2#



#54

cis-1,3-Dichloropropene

Concen: 3.22 ug/l

RT: 9.03 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

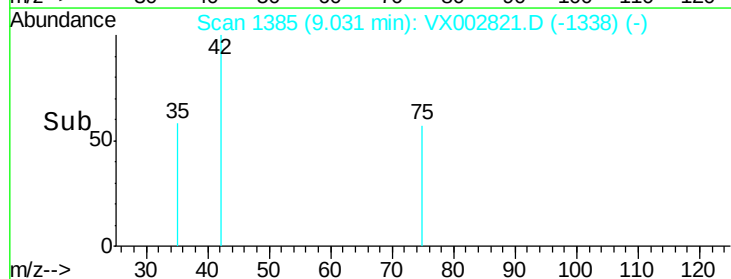
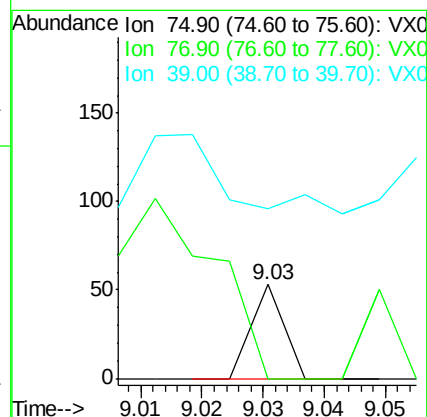
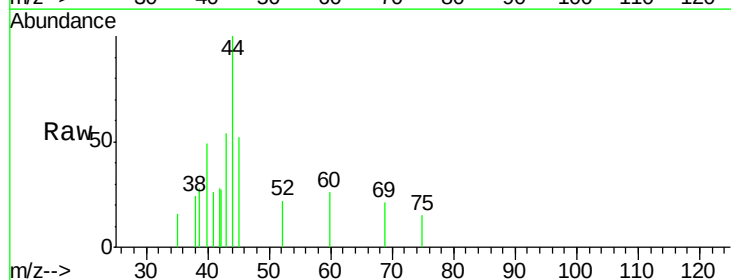
Tgt Ion: 75 Resp: 19

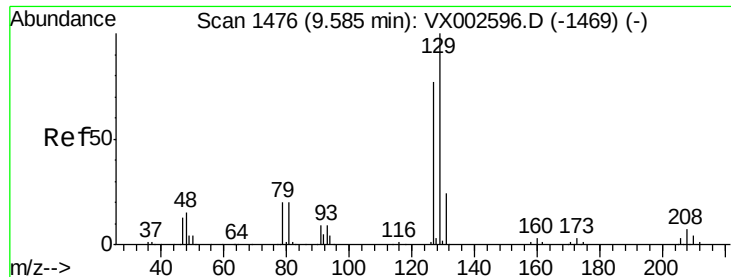
Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

39 5.7 42.4 63.6#





#60

Dibromochloromethane

Concen: 3.81 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.01 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

Instrument :

MSVOA_X

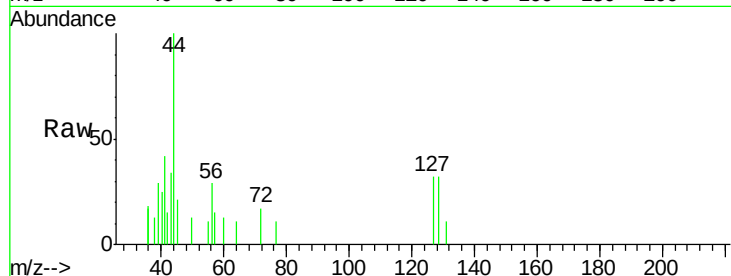
ClientSampleId :

Tot Ion:129 Resp: 177

Ion Ratio Lower Upper

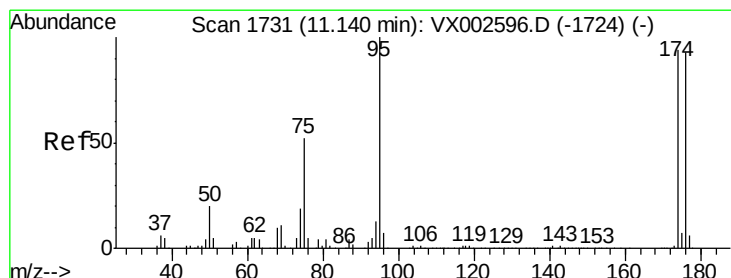
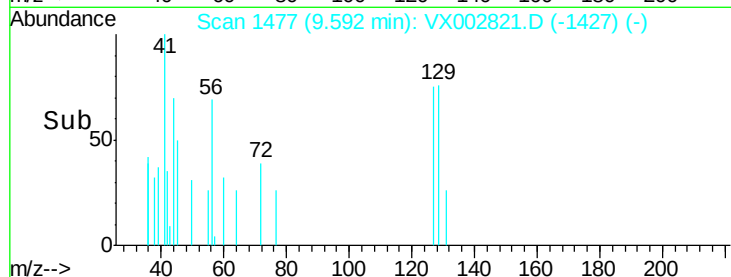
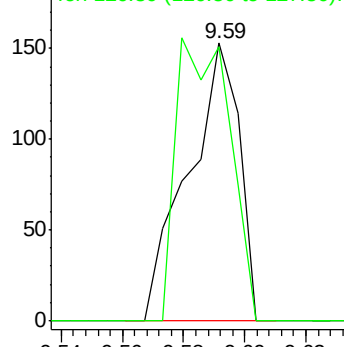
129 100

127 106.2 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: 44.38 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

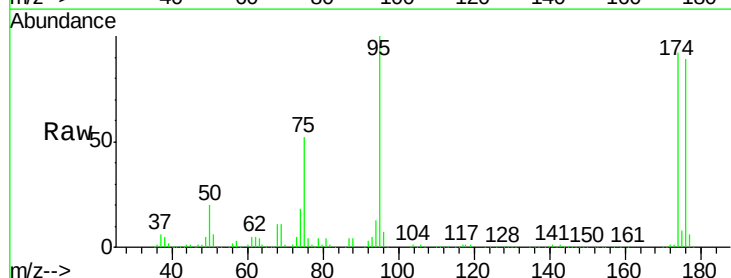
Tgt Ion: 95 Resp: 183932

Ion Ratio Lower Upper

95 100

174 95.0 0.0 187.4

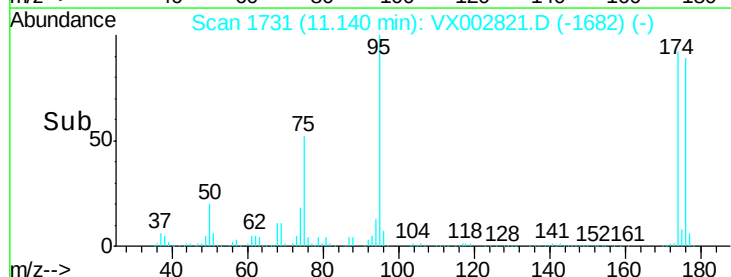
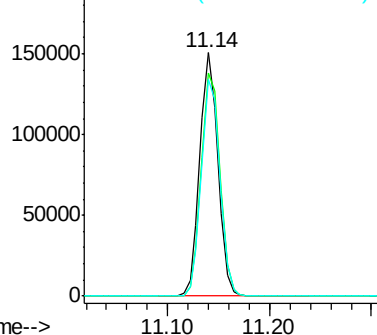
176 91.4 0.0 181.0

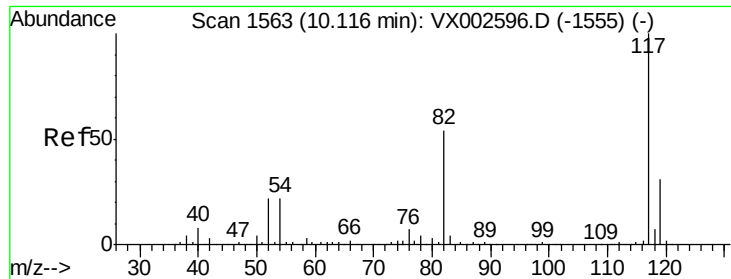


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

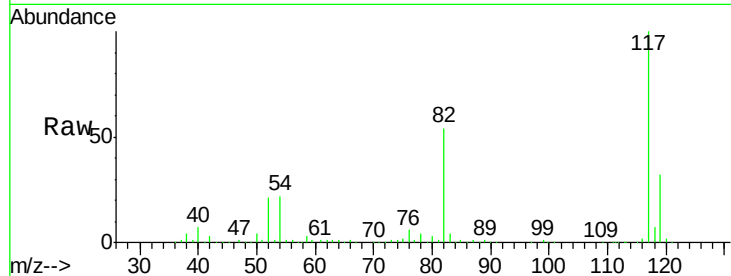




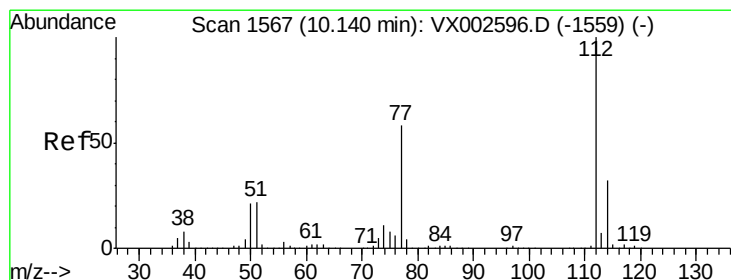
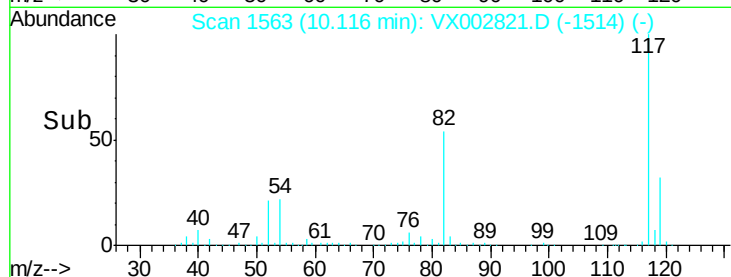
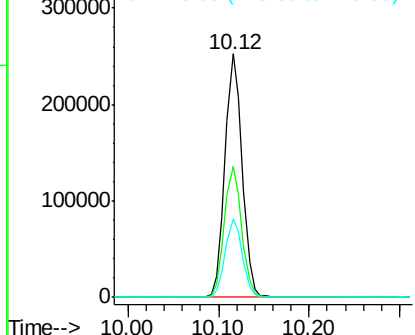
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 333426
Ion Ratio Lower Upper
117 100
82 53.9 45.0 67.4
119 32.2 25.8 38.6

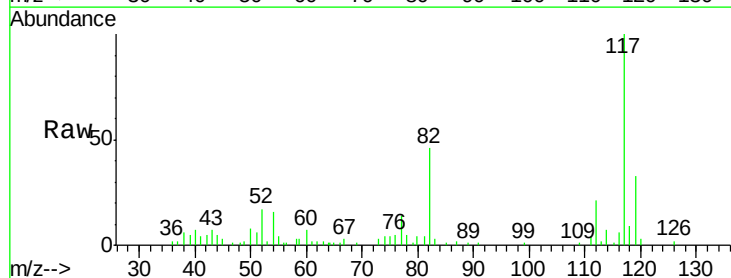


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

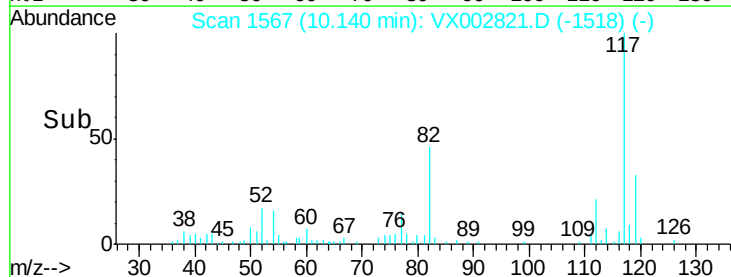
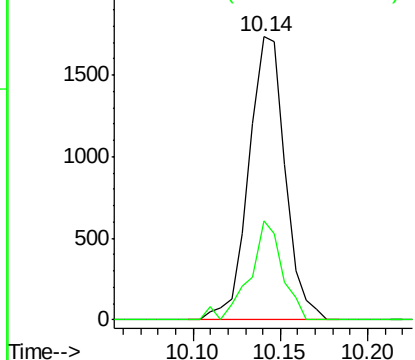


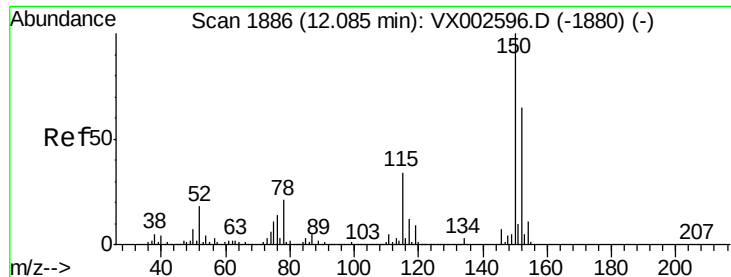
#65
Chlorobenzene
Concen: 0.31 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Tgt Ion:112 Resp: 2514
Ion Ratio Lower Upper
112 100
114 35.1 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

Instrument :

MSVOA_X

ClientSampled :

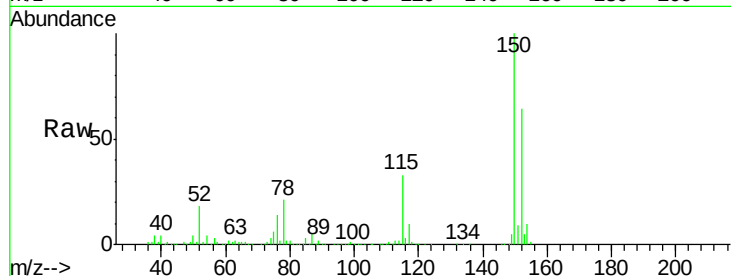
Tot Ion:152 Resp: 193194

Ion Ratio Lower Upper

152 100

115 54.4 40.1 120.2

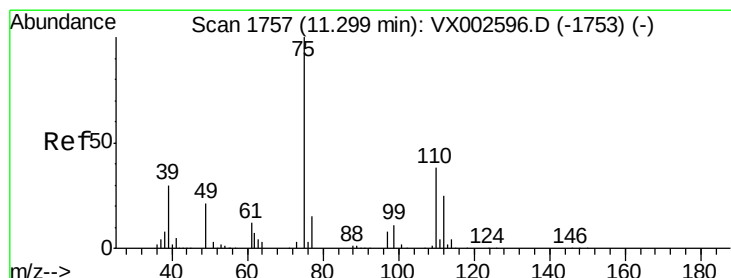
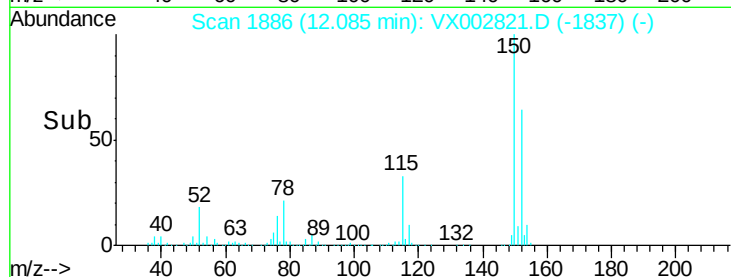
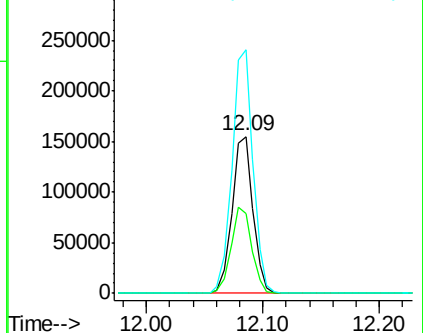
150 155.7 0.0 347.2



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: 26.87 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002821.D

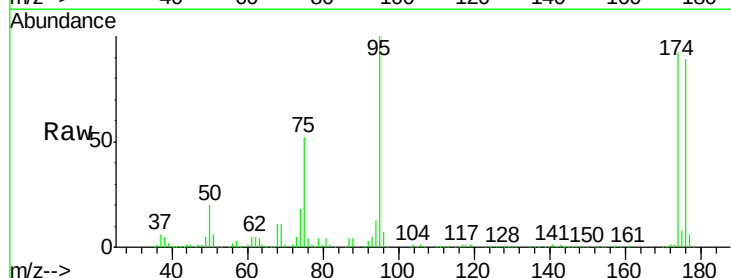
Acq: 22 Jun 2018 06:39

Tgt Ion: 75 Resp: 97951

Ion Ratio Lower Upper

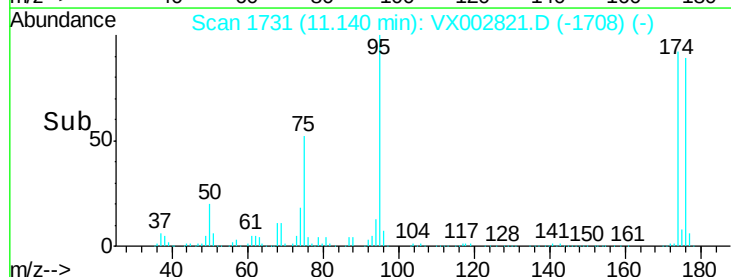
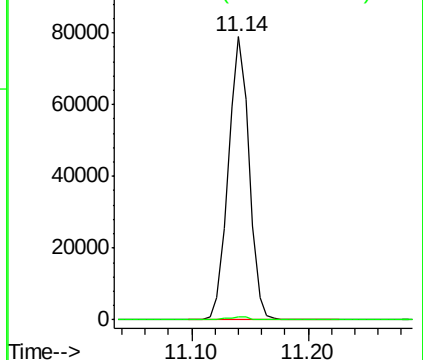
75 100

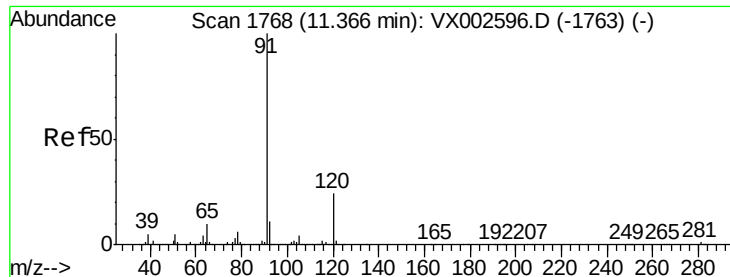
77 1.2 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.37 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

Instrument :

MSVOA_X

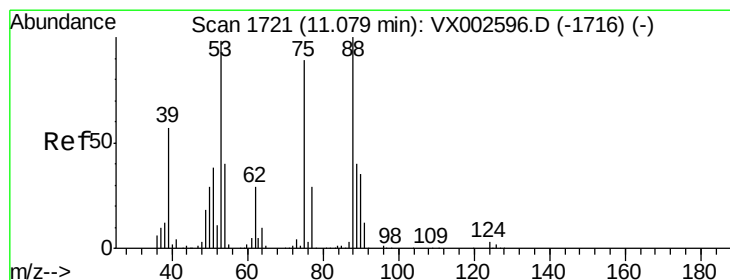
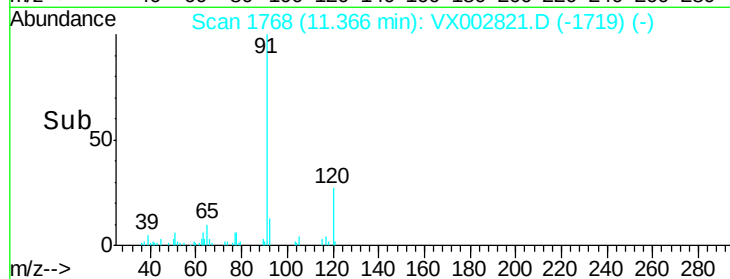
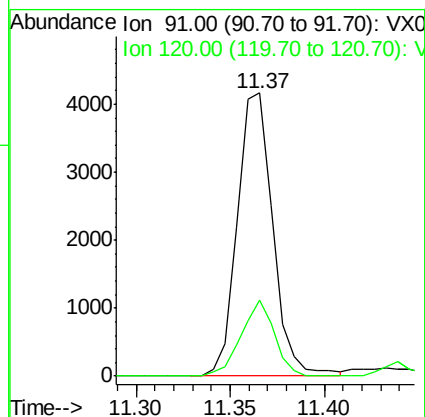
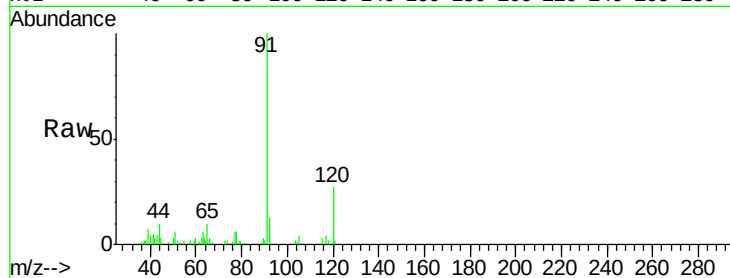
ClientSampleId :

Tot Ion: 91 Resp: 5456

Ion Ratio Lower Upper

91 100

120 25.0 11.8 35.4



#81

trans-1,4-Dichloro-2-butene

Concen: 82.96 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

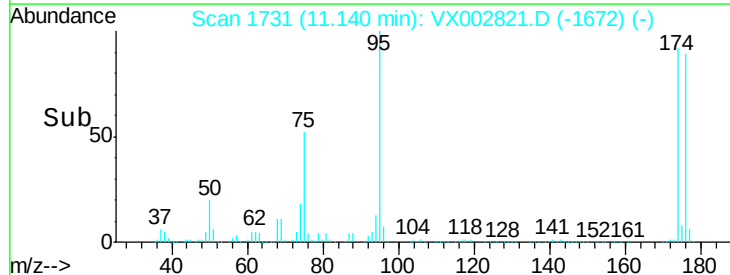
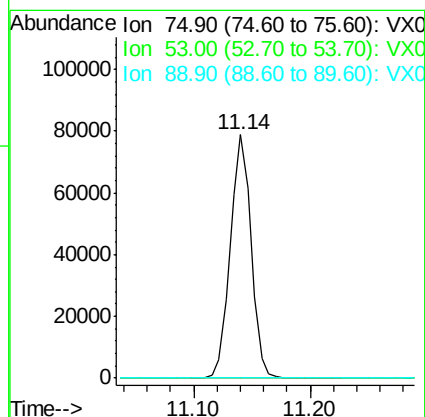
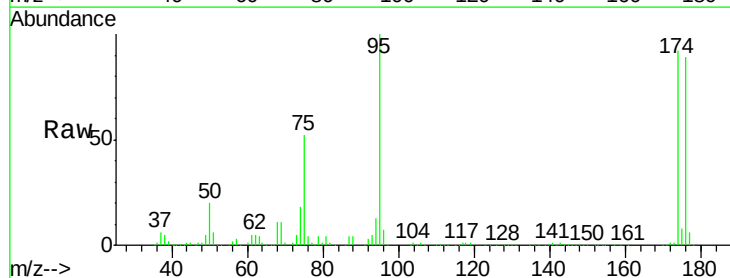
Tgt Ion: 75 Resp: 97951

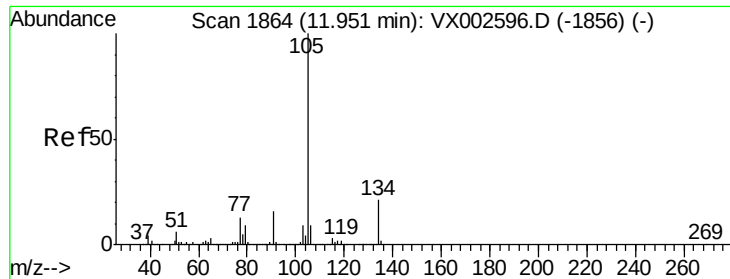
Ion Ratio Lower Upper

75 100

53 0.2 86.8 130.2#

89 0.0 38.2 57.2#





#85

sec-Butylbenzene

Concen: 0.32 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

Instrument :

MSVOA_X

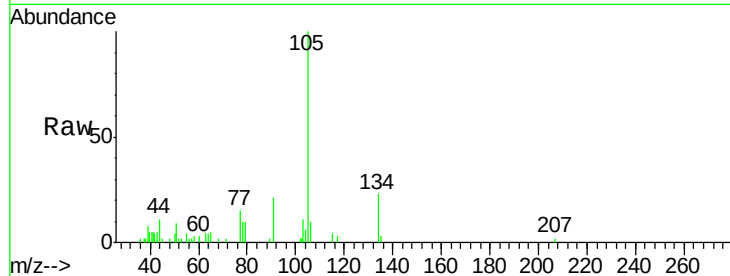
ClientSampleId :

Tot Ion:105 Resp: 4144

Ion Ratio Lower Upper

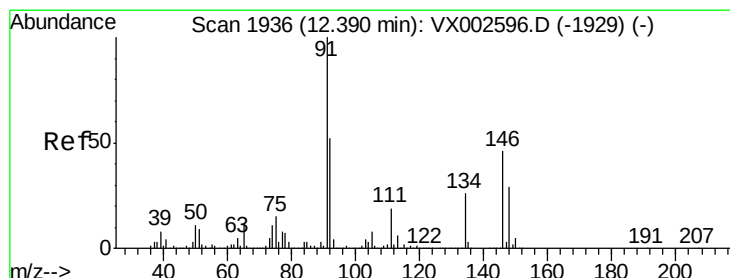
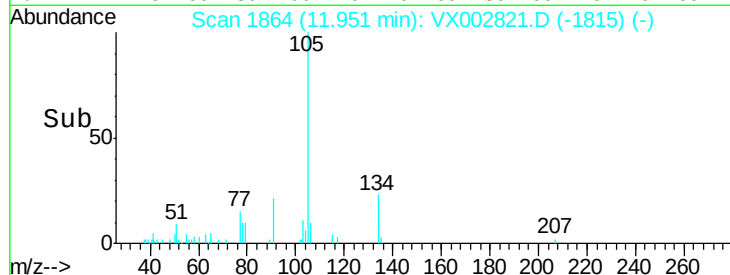
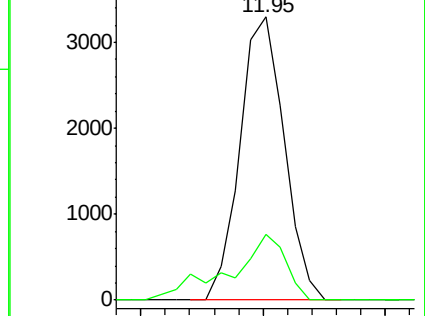
105 100

134 29.3 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.22 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

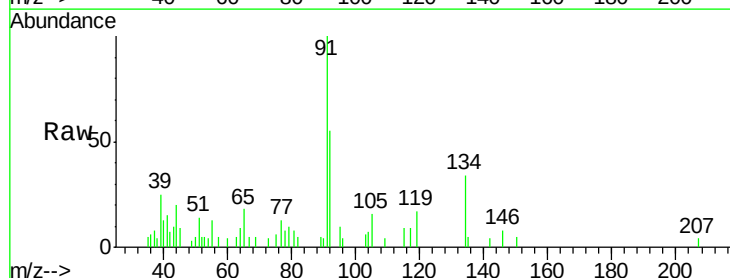
Tgt Ion: 91 Resp: 2253

Ion Ratio Lower Upper

91 100

92 41.1 26.0 78.0

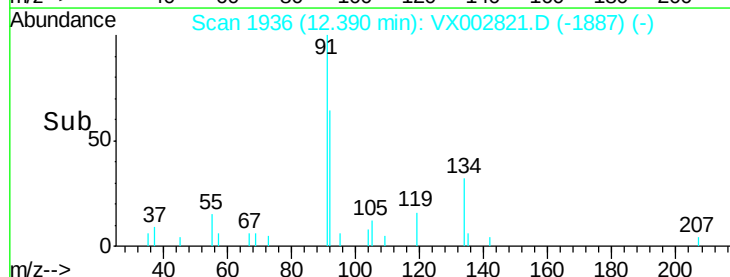
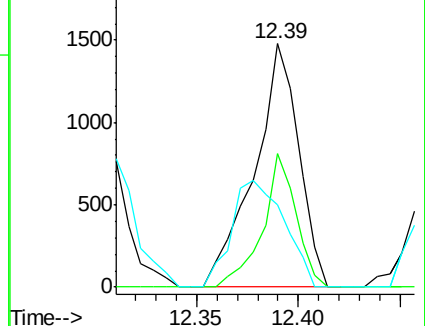
134 51.7 13.5 40.5#

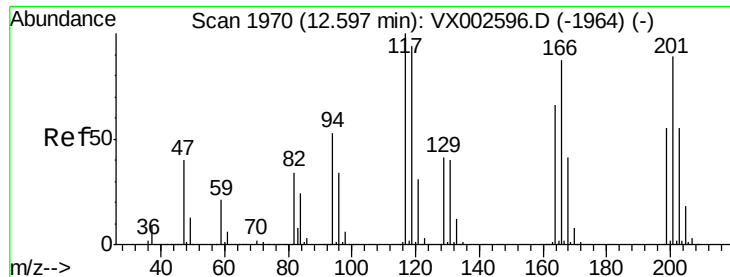


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 3.33 ug/l

RT: 12.67 min Scan# 1982

Delta R.T. 0.07 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

Instrument :

MSVOA_X

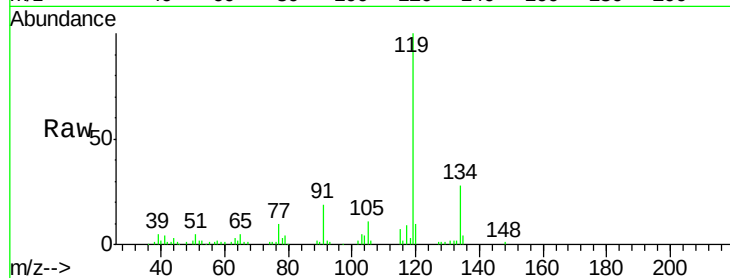
ClientSampleId :

Tot Ion:117 Resp: 1374

Ion Ratio Lower Upper

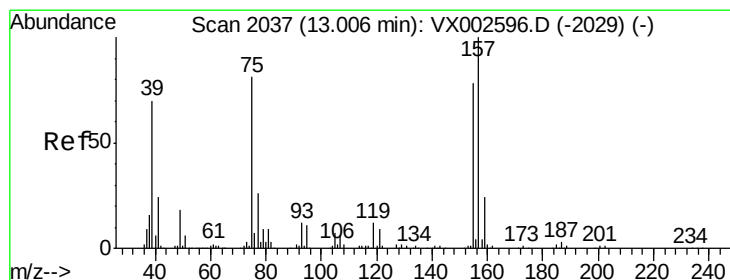
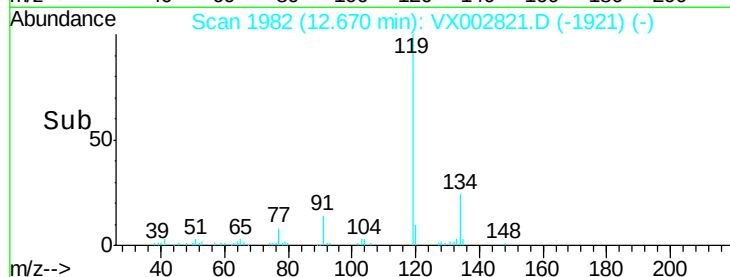
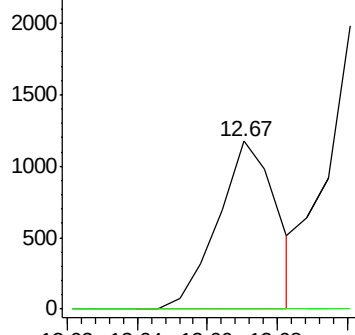
117 100

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.47 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX002821.D

Acq: 22 Jun 2018 06:39

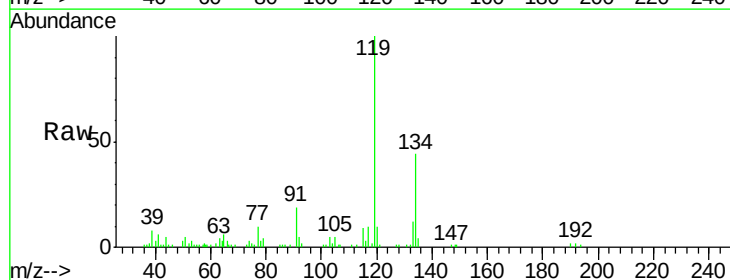
Tgt Ion: 75 Resp: 372

Ion Ratio Lower Upper

75 100

155 0.0 45.8 137.4#

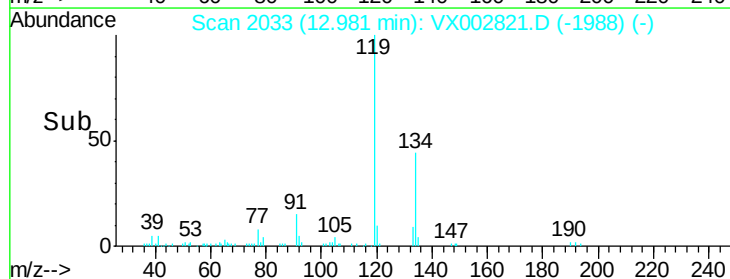
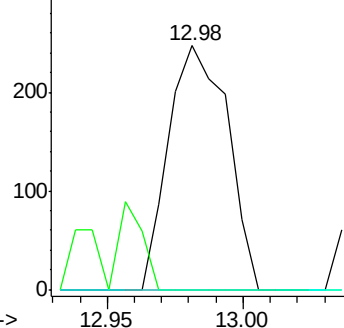
157 0.0 60.1 180.3#

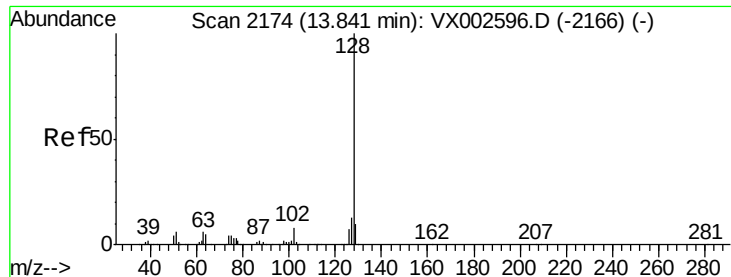


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

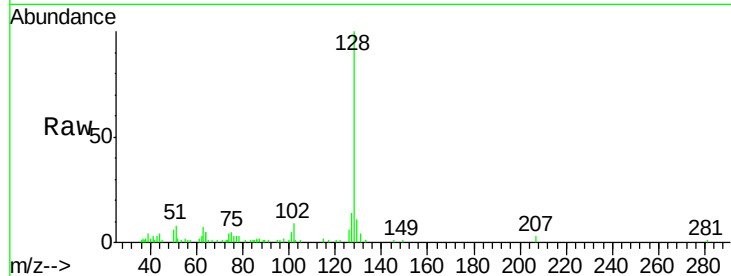




#95
 Naphthalene
 Concen: 0.95 ug/l
 RT: 13.83 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: VX002821.D
 Acq: 22 Jun 2018 06:39

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.4	10.4	15.6
129	16.4	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

