

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042018\
 Data File : VX001005.D
 Acq On : 20 Apr 2018 13:45
 Operator : JC/MD
 Sample : J2349-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 21 05:32:22 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	348639	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	324709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	214351	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	159670	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
35) Dibromofluoromethane	5.51	113	124842	46.96	ug/l	0.00
Spiked Amount			Recovery	=	93.92%	
50) Toluene-d8	8.72	98	490381	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	11.14	95	190691	46.22	ug/l	0.00
Spiked Amount			Recovery	=	92.44%	

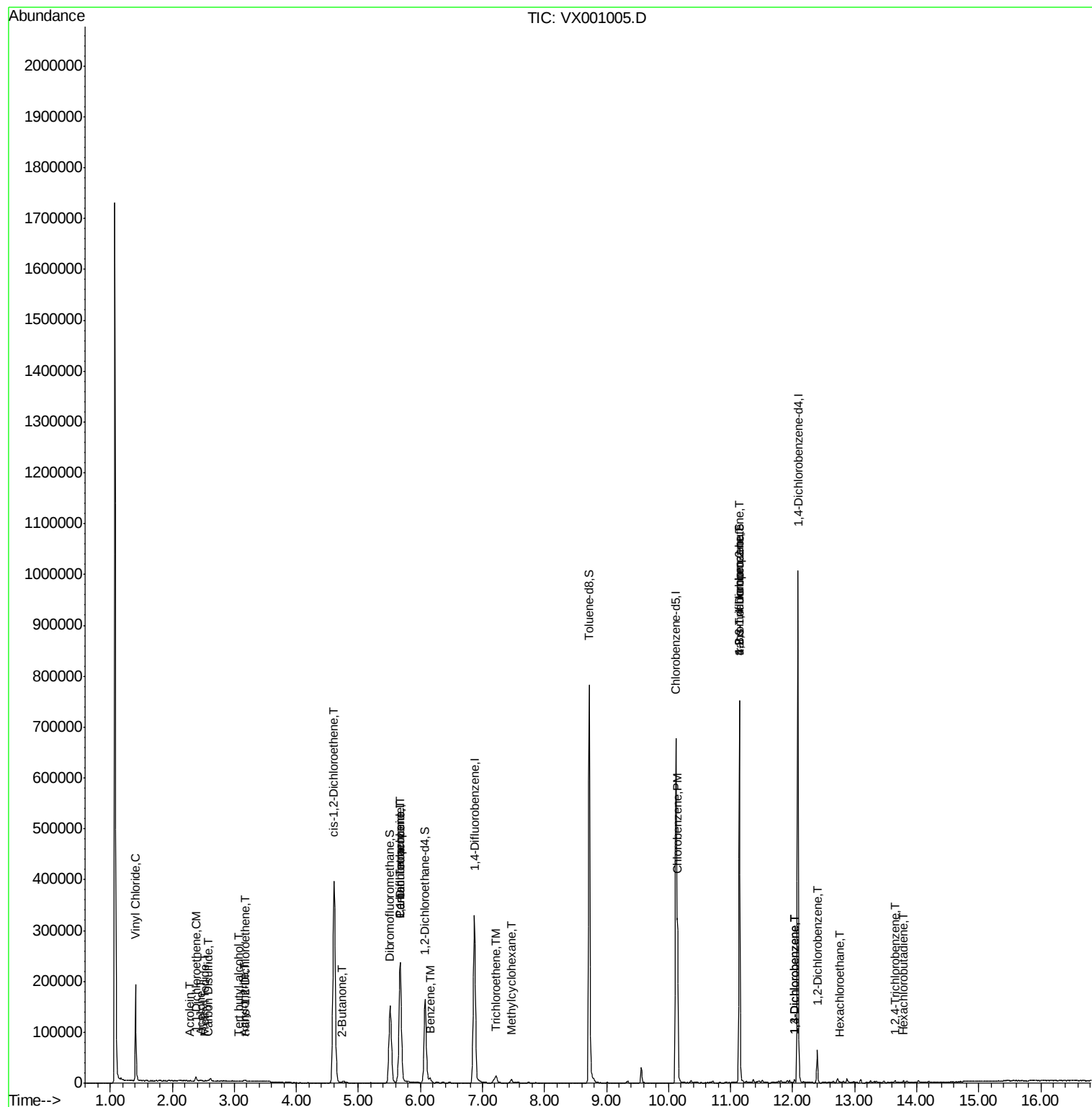
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	122802	40.69	ug/l	99
5) Bromomethane	1.66	94	232	Below Cal	#	80
10) Methyl Iodide	2.52	142	207	7.67	ug/l	# 83
11) Tert butyl alcohol	3.07	59	230	0.48	ug/l	# 1
12) 1,1-Dichloroethene	2.38	96	2702	1.10	ug/l	83
13) Acrolein	2.29	56	110	11.63	ug/l	# 14
15) Acrylonitrile	3.15	53	496	0.38	ug/l	# 80
16) Acetone	2.45	43	696	0.58	ug/l	90
17) Carbon Disulfide	2.57	76	1609	0.23	ug/l	96
20) Methylene Chloride	2.86	84	112	Below Cal	#	36
21) trans-1,2-Dichloroethene	3.17	96	741	0.27	ug/l	93
25) 2-Butanone	4.73	43	455	0.24	ug/l	# 50
27) cis-1,2-Dichloroethene	4.60	96	254942	83.69	ug/l	89
36) 1,1-Dichloropropene	5.68	75	15437	3.77	ug/l	# 50
38) Carbon Tetrachloride	5.67	117	22079	5.32	ug/l	# 16
39) Methylcyclohexane	7.46	83	2931	0.61	ug/l	93
40) Benzene	6.15	78	9729	0.85	ug/l	# 89
44) Trichloroethene	7.22	130	4864	1.40	ug/l	100
65) Chlorobenzene	10.15	112	132616	15.34	ug/l	99
76) 1,2,3-Trichloropropane	11.14	75	95059	25.56	ug/l	# 38
81) trans-1,4-Dichloro-2-buten	11.14	75	95059	76.59	ug/l	# 8
87) 1,3-Dichlorobenzene	12.03	146	2183	0.29	ug/l	92
88) 1,4-Dichlorobenzene	12.03	146	2183	0.28	ug/l	91
90) Hexachloroethane	12.76	117	837	0.45	ug/l	# 1
91) 1,2-Dichlorobenzene	12.40	146	18253	2.48	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	1406	0.23	ug/l	# 92
94) Hexachlorobutadiene	13.79	225	815	0.29	ug/l	96

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

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Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001005.D

Acq: 20 Apr 2018 13:45

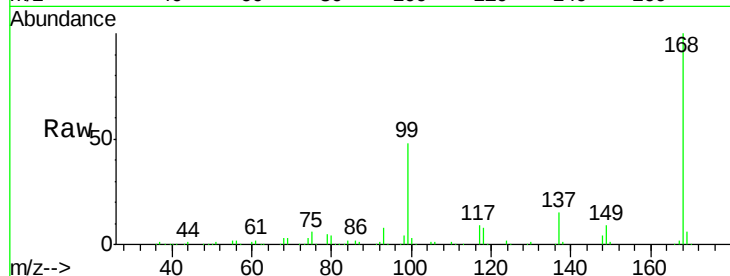
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 252118

Ion Ratio Lower Upper

168 100

99 48.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

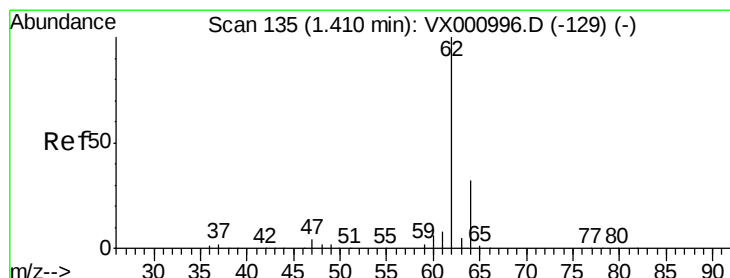
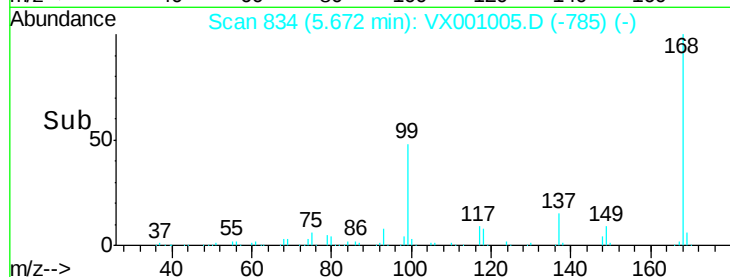
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 40.69 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX001005.D

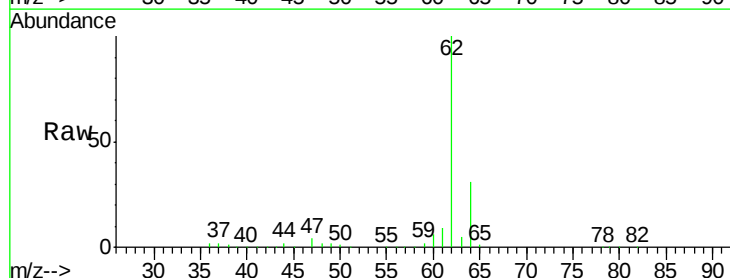
Acq: 20 Apr 2018 13:45

Tgt Ion: 62 Resp: 122802

Ion Ratio Lower Upper

62 100

64 31.4 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

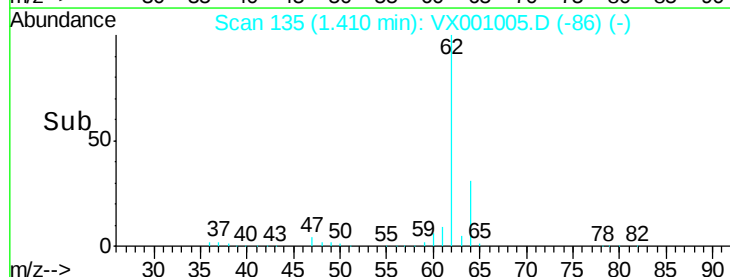
1.41

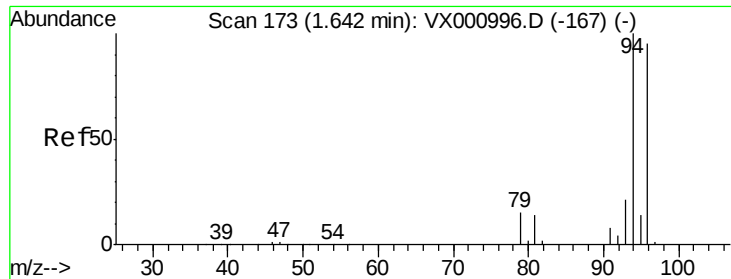
100000

50000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX001005.D

Acq: 20 Apr 2018 13:45

Instrument :

MSVOA_X

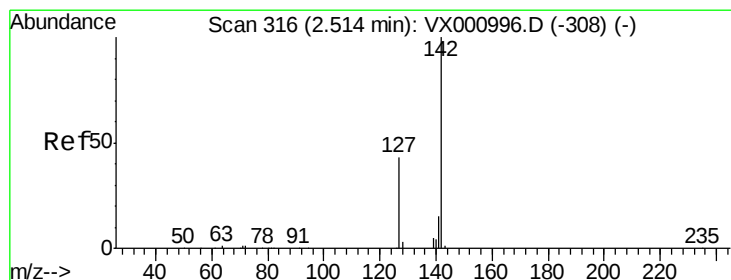
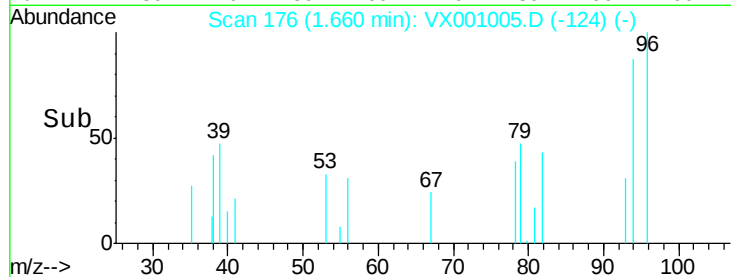
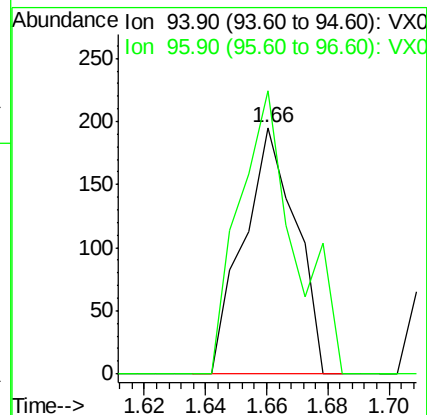
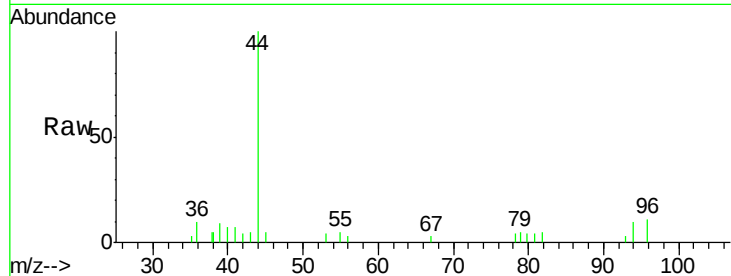
ClientSampleId :

Tot Ion: 94 Resp: 232

Ion Ratio Lower Upper

94 100

96 114.9 76.0 114.0#



#10

Methyl Iodide

Concen: 7.67 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001005.D

Acq: 20 Apr 2018 13:45

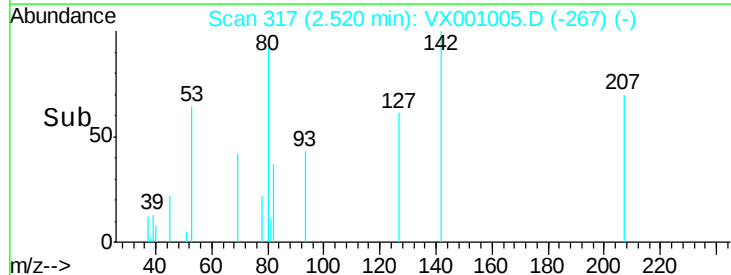
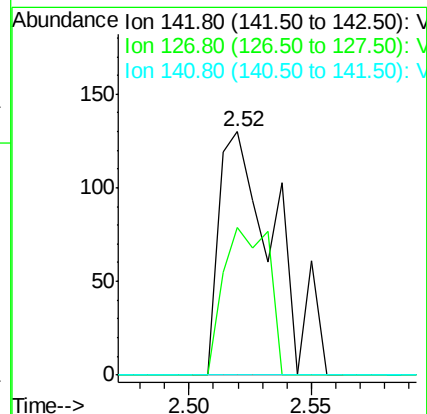
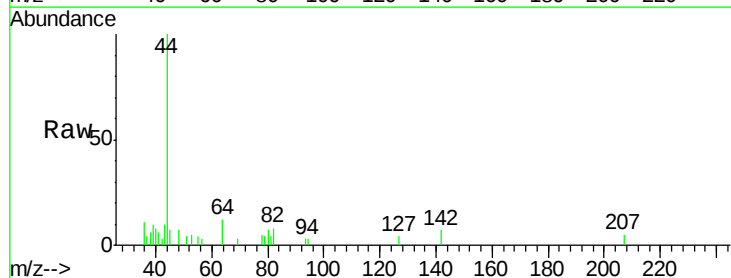
Tgt Ion:142 Resp: 207

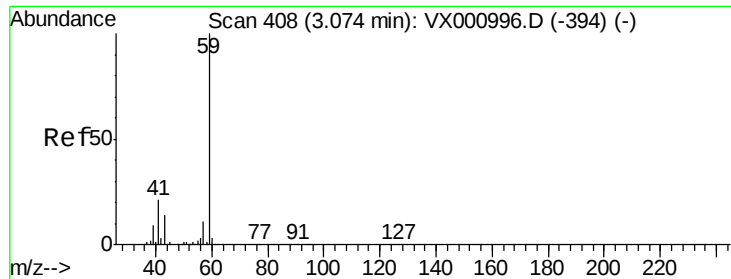
Ion Ratio Lower Upper

142 100

127 49.3 34.0 51.0

141 0.0 11.4 17.2#



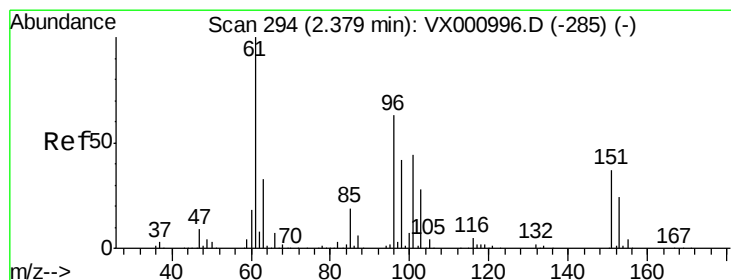
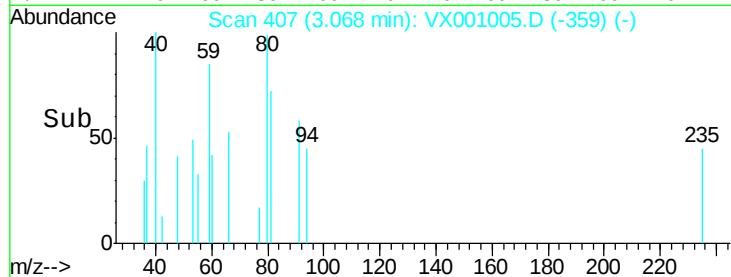
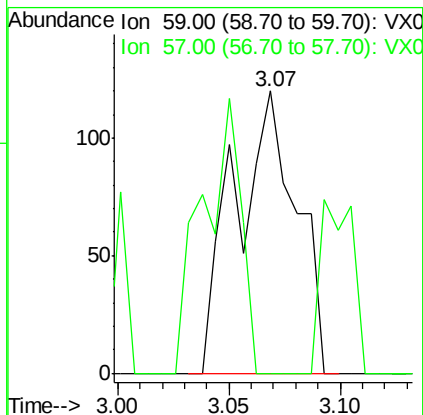
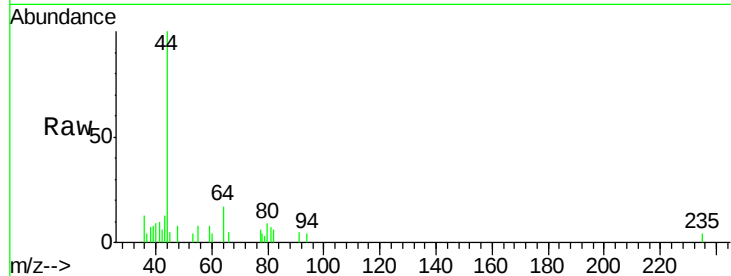


#11

Tert butvl alcohol
 Concen: 0.48 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX001005.D
 Acq: 20 Apr 2018 13:45

Instrument :
 MSVOA_X
 ClientSampled :

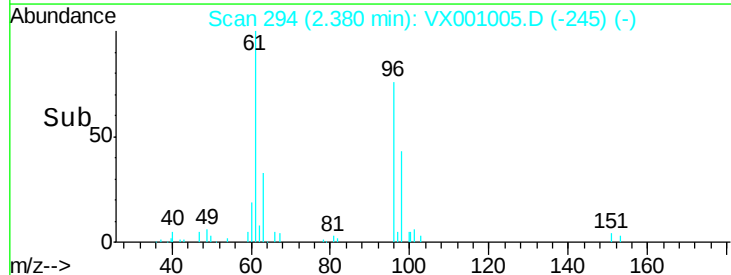
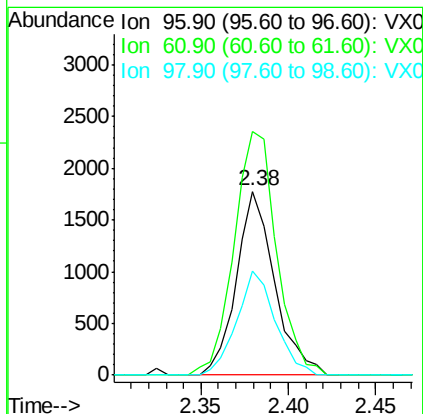
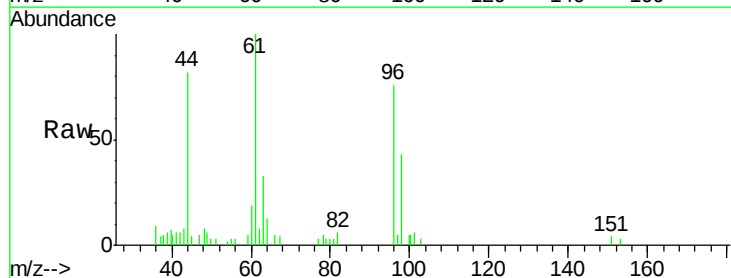
Tot Ion: 59 Resp: 230
 Ion Ratio Lower Upper
 59 100
 57 60.4 8.3 12.5#

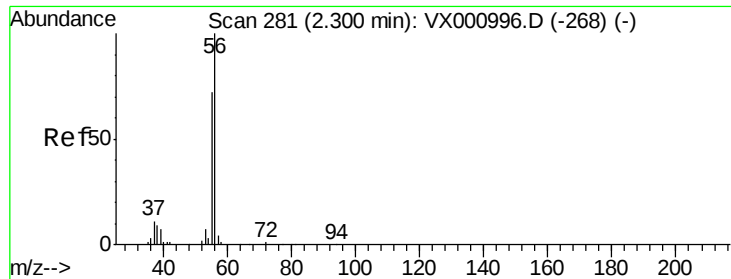


#12

1,1-Dichloroethene
 Concen: 1.10 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX001005.D
 Acq: 20 Apr 2018 13:45

Tgt Ion: 96 Resp: 2702
 Ion Ratio Lower Upper
 96 100
 61 132.4 126.4 189.6
 98 56.4 52.6 78.8





#13

Acrolein

Concen: 11.63 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX001005.D

Acq: 20 Apr 2018 13:45

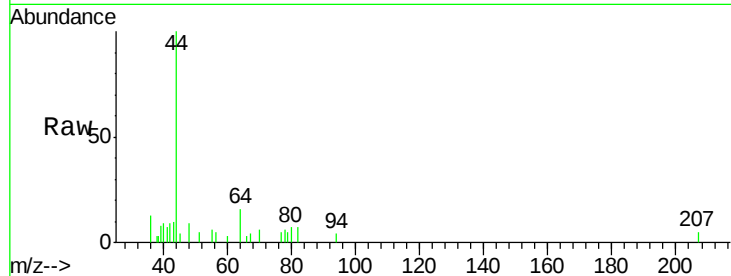
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 110

Ion Ratio Lower Upper

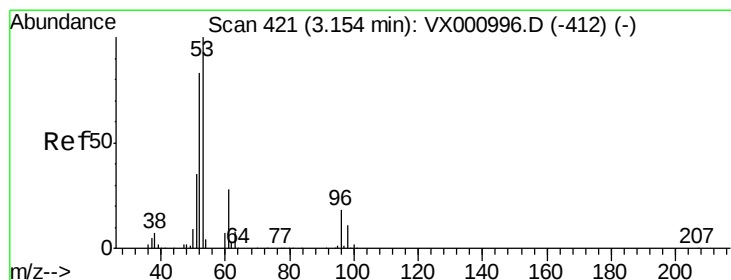
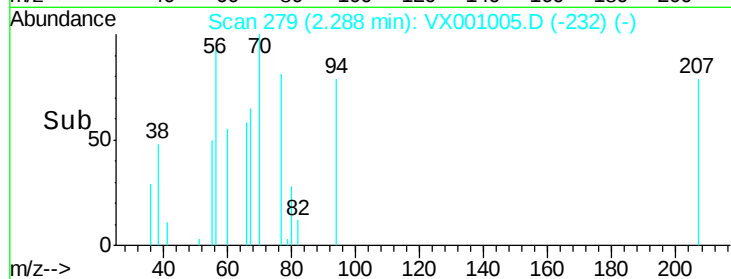
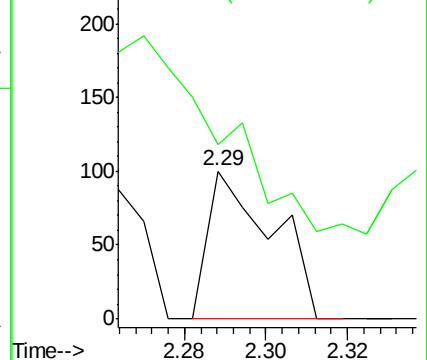
56 100

55 0.0 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.38 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001005.D

Acq: 20 Apr 2018 13:45

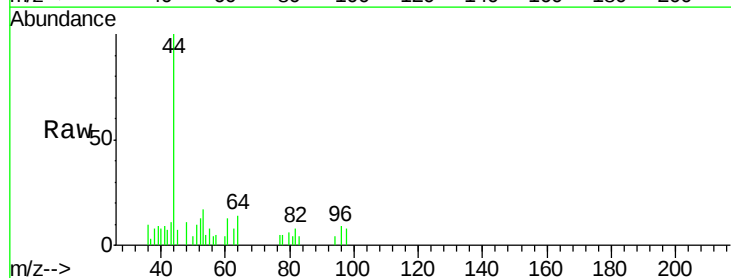
Tgt Ion: 53 Resp: 496

Ion Ratio Lower Upper

53 100

52 82.7 66.4 99.6

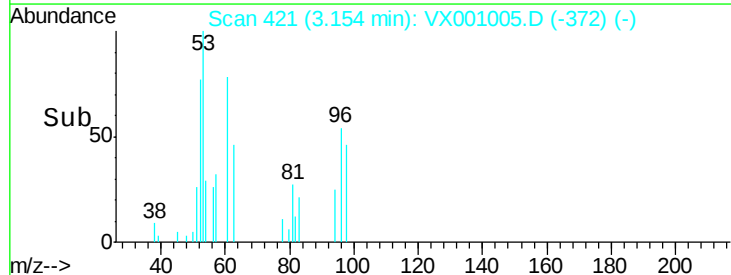
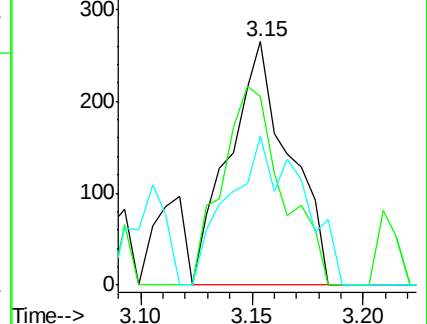
51 74.2 29.0 43.6#

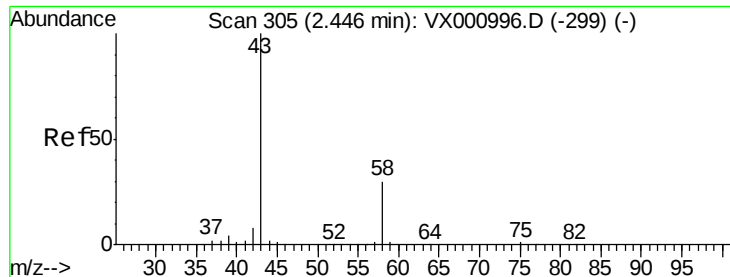


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 0.58 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001005.D

Acq: 20 Apr 2018 13:45

Instrument :

MSVOA_X

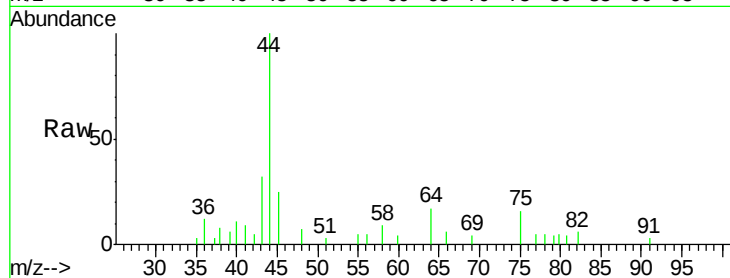
ClientSampleId :

Tot Ion: 43 Resp: 696

Ion Ratio Lower Upper

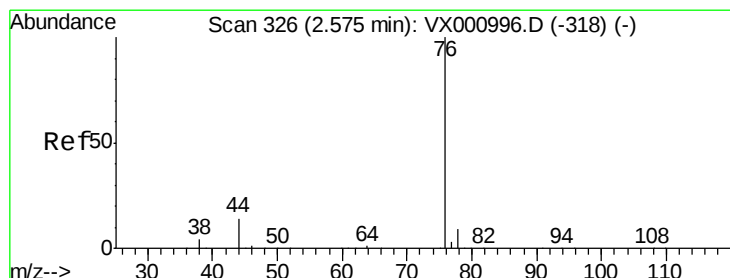
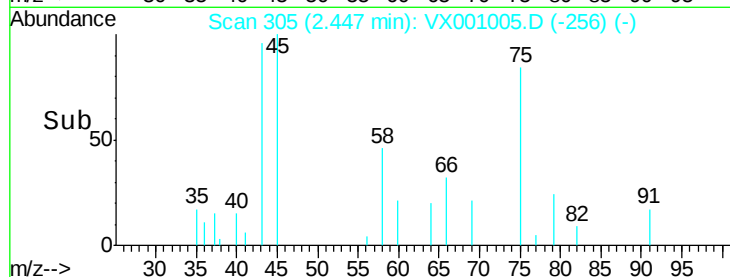
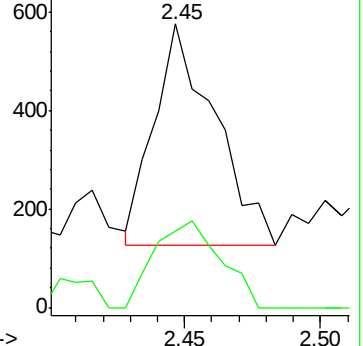
43 100

58 34.7 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.23 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001005.D

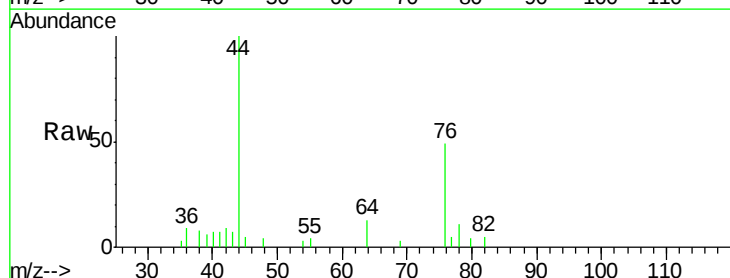
Acq: 20 Apr 2018 13:45

Tgt Ion: 76 Resp: 1609

Ion Ratio Lower Upper

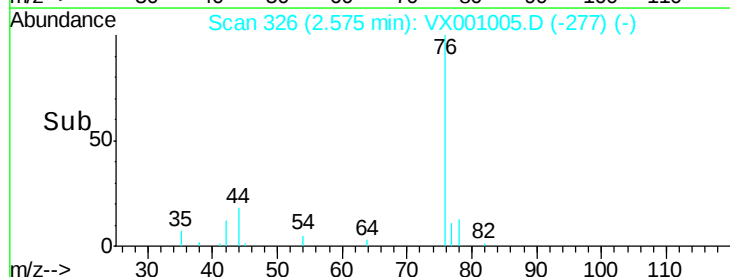
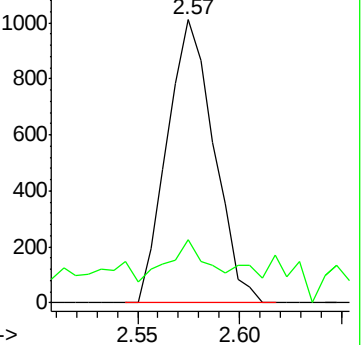
76 100

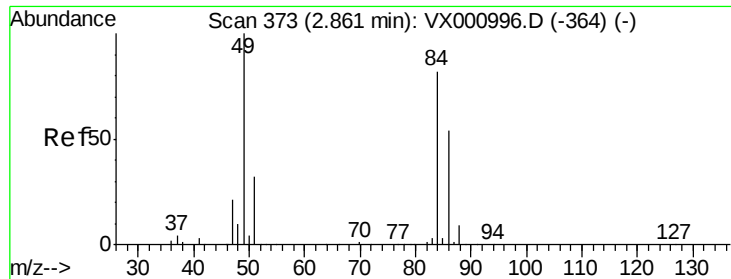
78 7.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

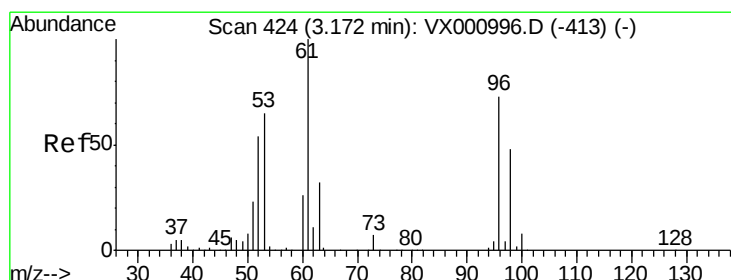
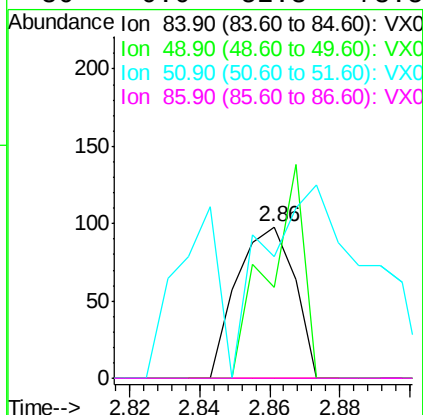
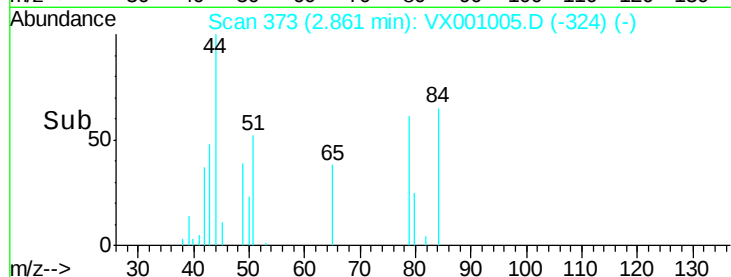
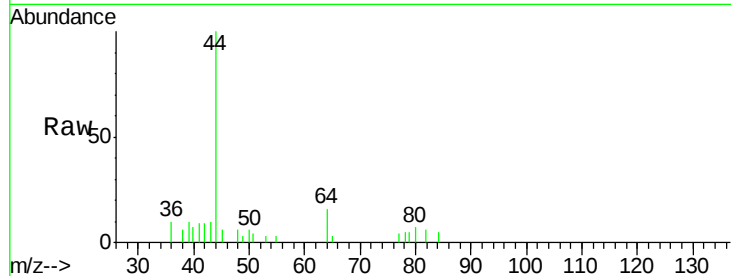




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

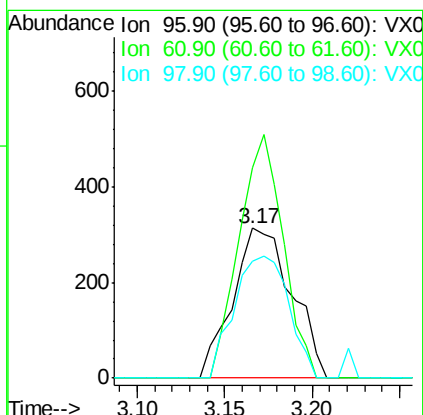
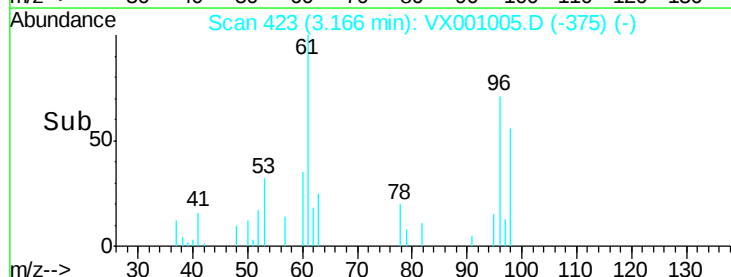
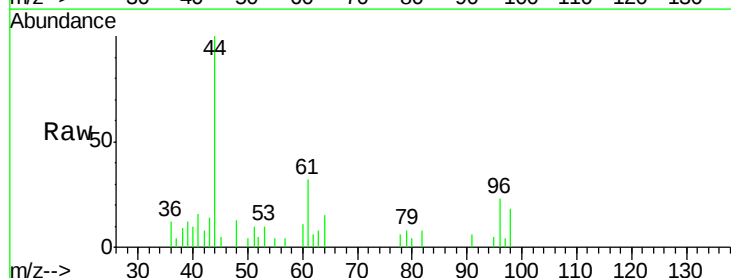
Instrument :
MSVOA_X
ClientSampleId :

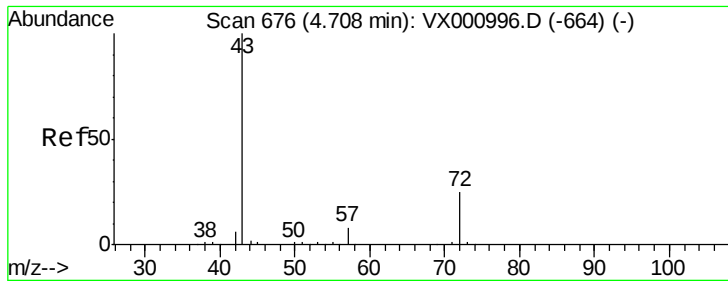
Tot Ion: 84 Resp: 112
Ion Ratio Lower Upper
84 100
49 60.2 97.1 145.7#
51 0.0 30.8 46.2#
86 0.0 52.3 78.5#



#21
trans-1,2-Dichloroethene
Concen: 0.27 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.01 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Tgt Ion: 96 Resp: 741
Ion Ratio Lower Upper
96 100
61 140.9 109.4 164.2
98 78.3 52.6 78.8





#25

2-Butanone

Concen: 0.24 ug/l

RT: 4.73 min Scan# 680

Delta R.T. 0.02 min

Lab File: VX001005.D

Acq: 20 Apr 2018 13:45

Instrument :

MSVOA_X

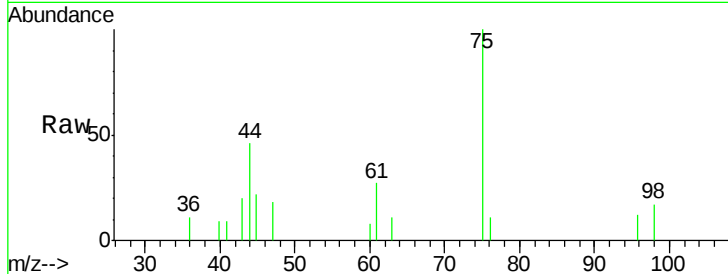
ClientSampleId :

Tot Ion: 43 Resp: 455

Ion Ratio Lower Upper

43 100

72 0.0 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200

150

100

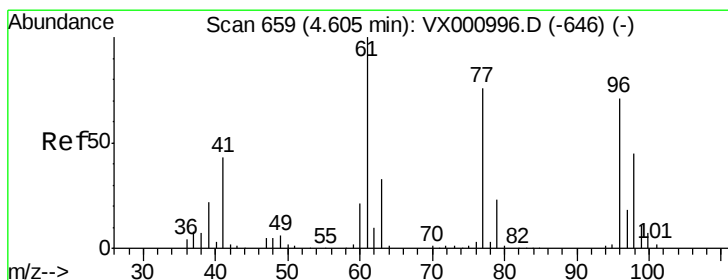
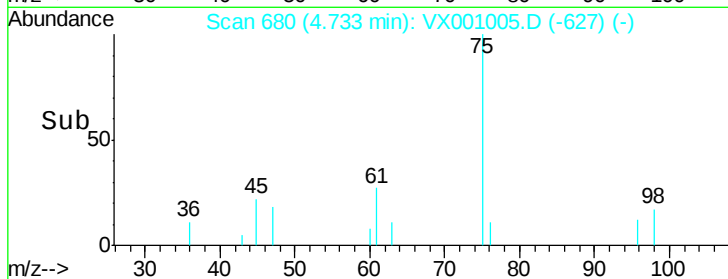
50

0

4.70

4.75

Time-->



#27

cis-1,2-Dichloroethene

Concen: 83.69 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001005.D

Acq: 20 Apr 2018 13:45

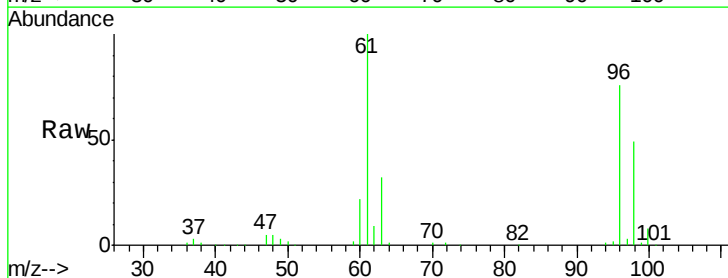
Tgt Ion: 96 Resp: 254942

Ion Ratio Lower Upper

96 100

61 129.2 0.0 297.0

98 65.4 0.0 130.0



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

150000

100000

50000

0

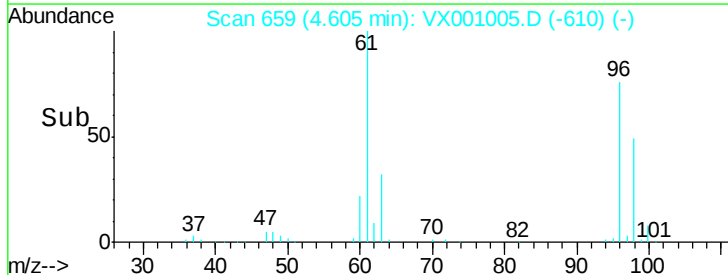
4.50

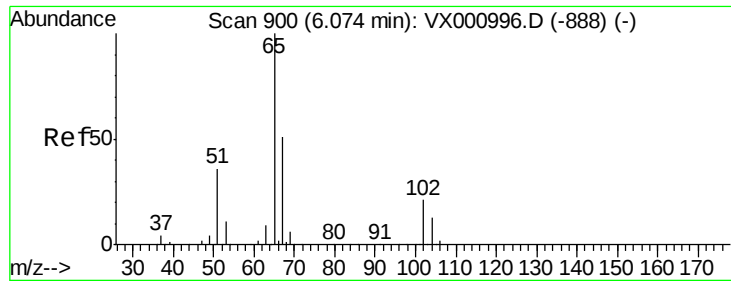
4.60

4.70

4.80

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.96 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001005.D

Acq: 20 Apr 2018 13:45

Instrument :

MSVOA_X

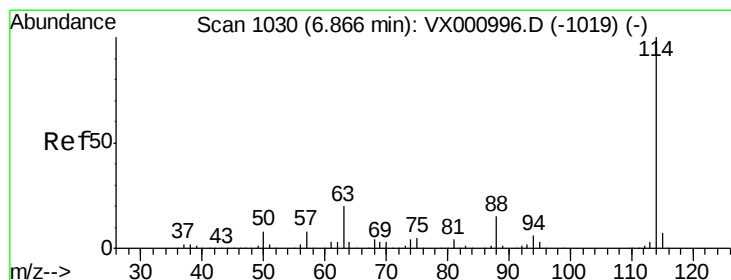
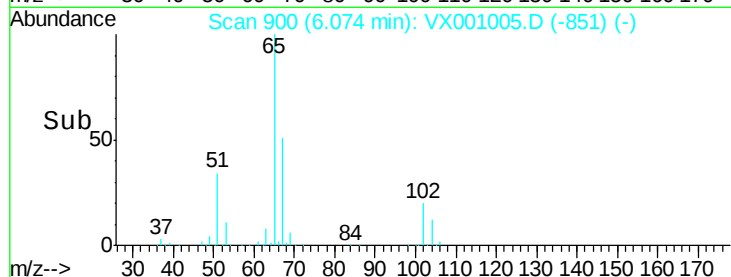
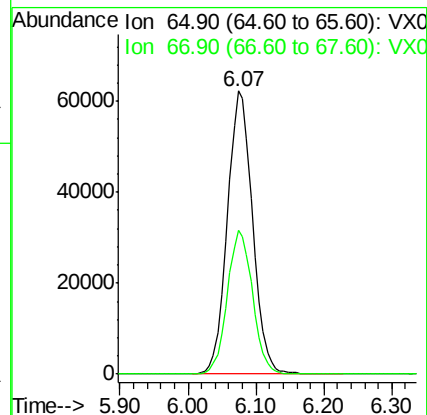
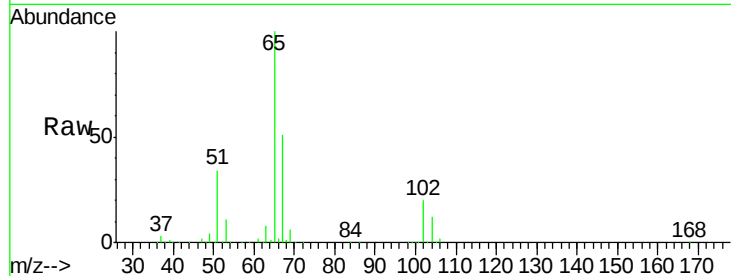
ClientSampleId :

Tot Ion: 65 Resp: 159670

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001005.D

Acq: 20 Apr 2018 13:45

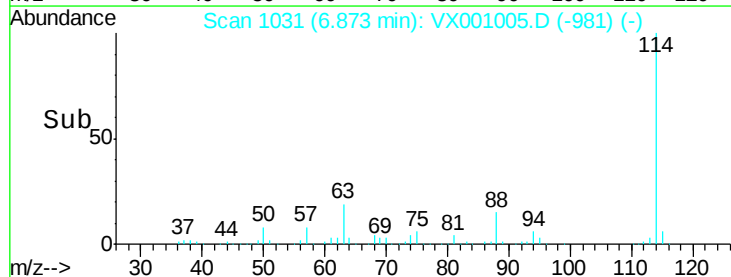
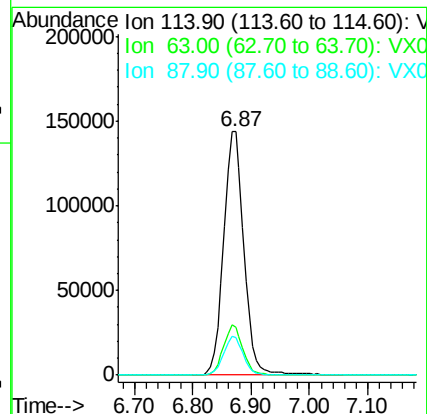
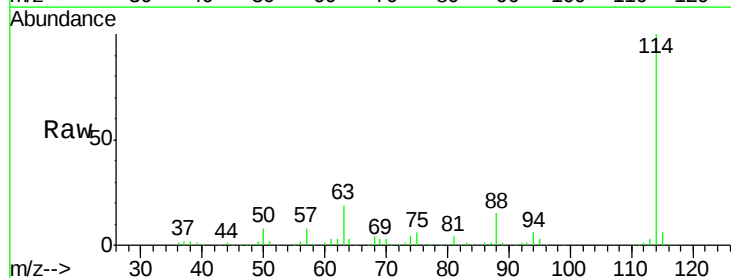
Tgt Ion: 114 Resp: 348639

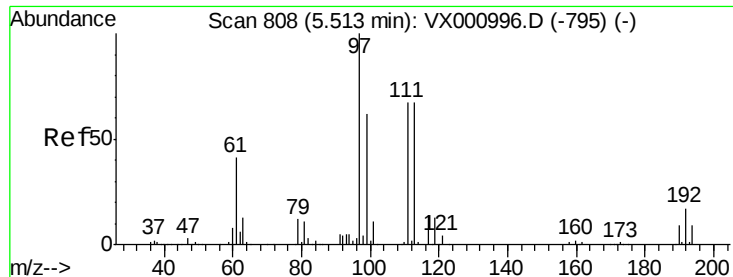
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.4

88 15.4 0.0 29.8

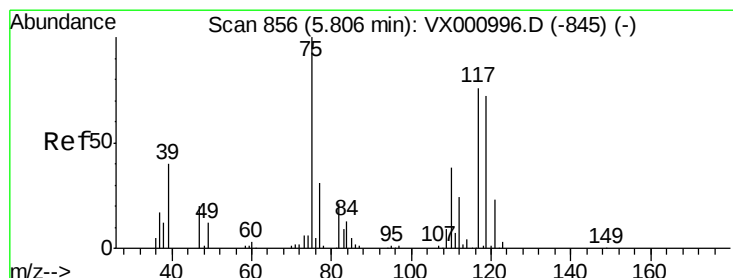
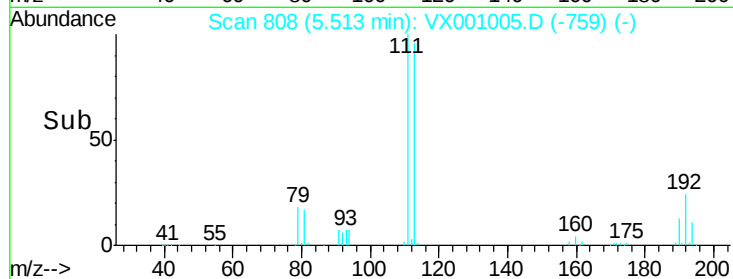
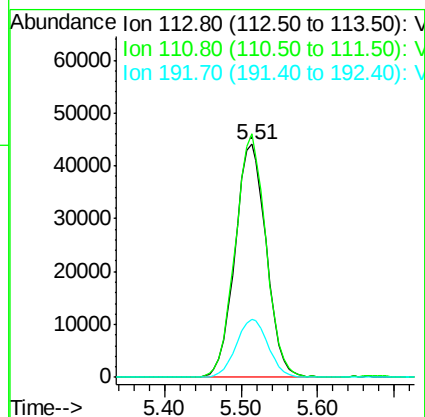
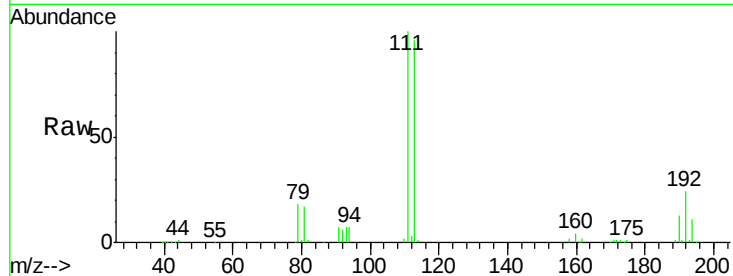




#35
 Dibromofluoromethane
 Concen: 46.96 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001005.D
 Acq: 20 Apr 2018 13:45

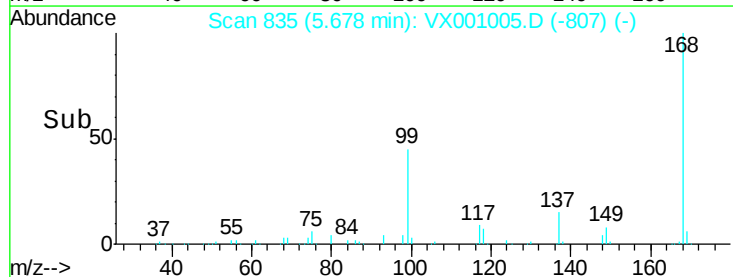
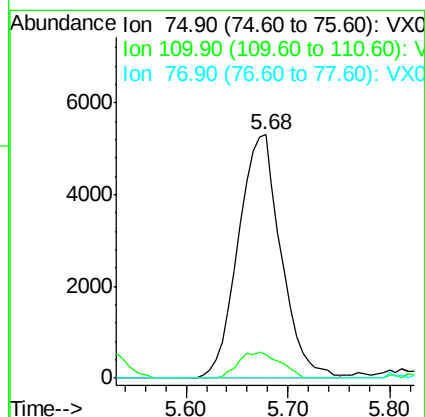
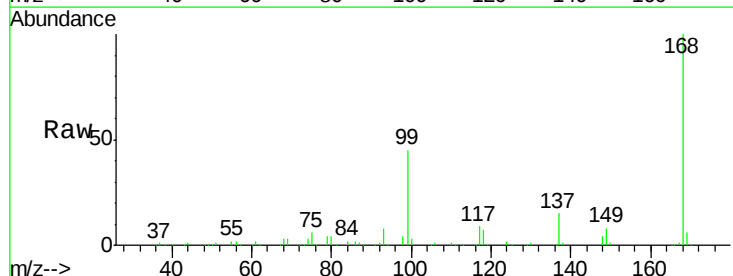
Instrument :
 MSVOA_X
 ClientSampleId :

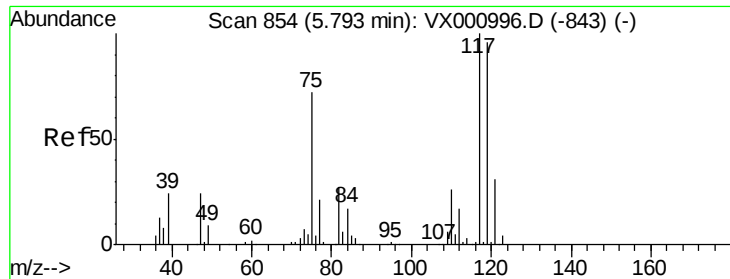
Tot Ion:113 Resp: 124842
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.4 122.2
 192 25.4 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 3.77 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.13 min
 Lab File: VX001005.D
 Acq: 20 Apr 2018 13:45

Tgt Ion: 75 Resp: 15437
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.7 56.1#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.32 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001005.D

Acq: 20 Apr 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

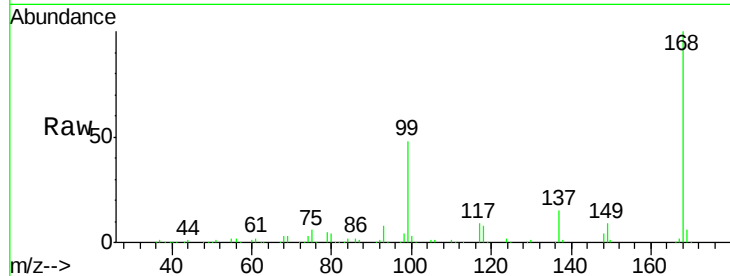
Tot Ion:117 Resp: 22079

Ion Ratio Lower Upper

117 100

119 4.5 76.5 114.7#

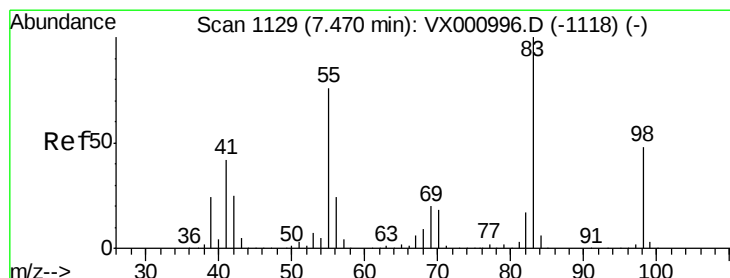
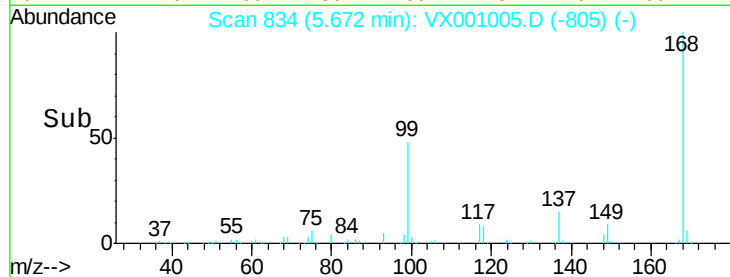
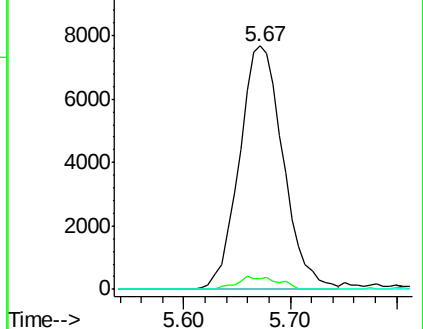
121 0.0 24.5 36.7#



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



#39

Methylcyclohexane

Concen: 0.61 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX001005.D

Acq: 20 Apr 2018 13:45

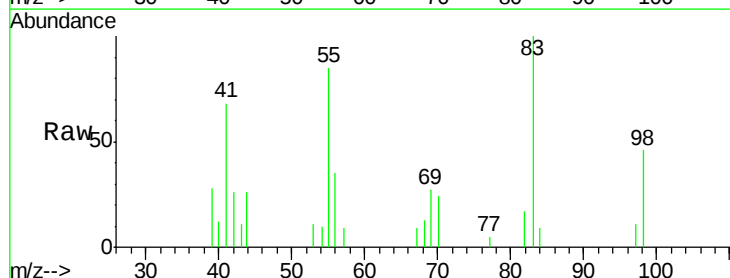
Tgt Ion: 83 Resp: 2931

Ion Ratio Lower Upper

83 100

55 84.7 60.6 91.0

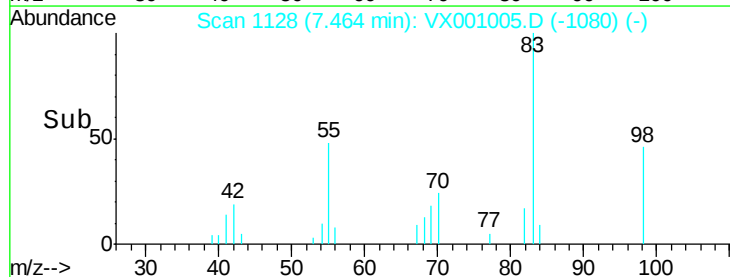
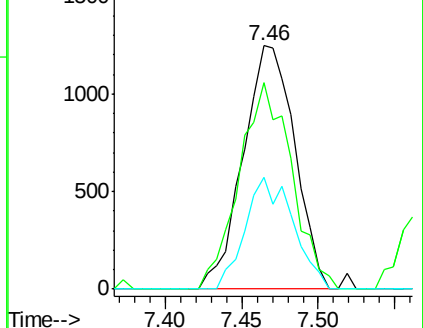
98 46.0 38.2 57.4

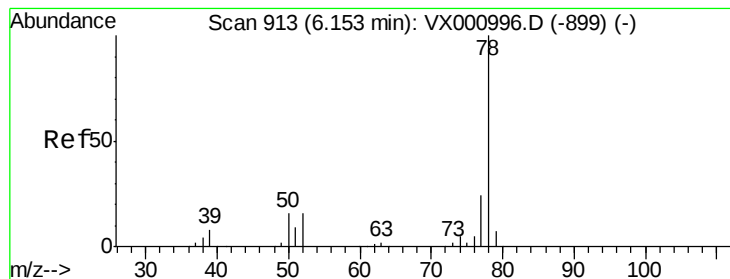


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.85 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.00 min

Lab File: VX001005.D

Acq: 20 Apr 2018 13:45

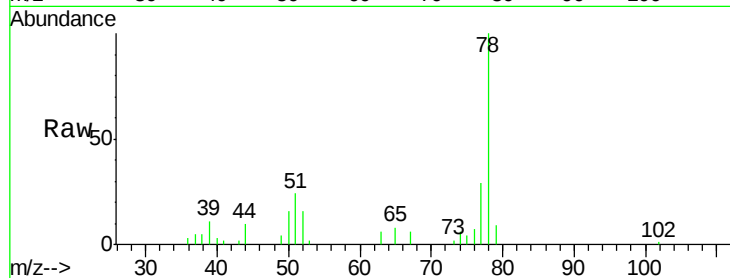
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 78 Resp: 9729

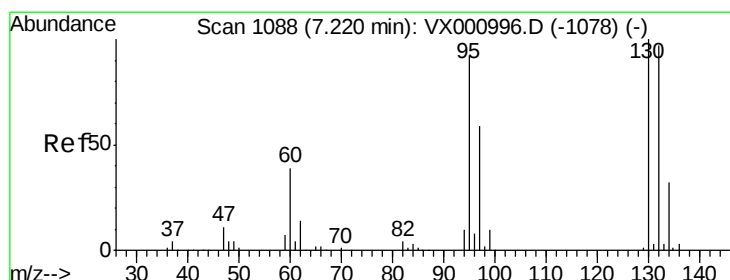
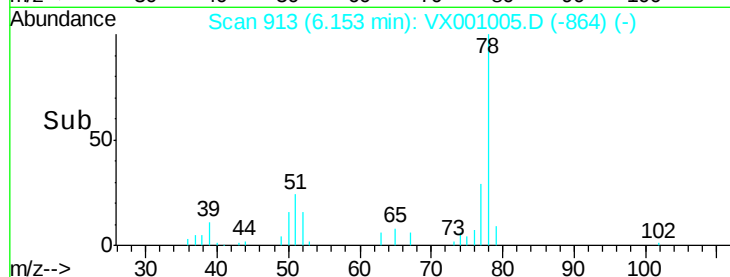
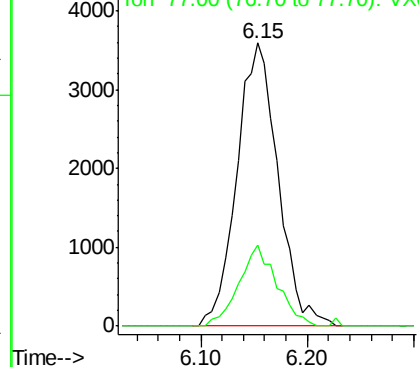
Ion Ratio Lower Upper

78 100

77 28.9 18.9 28.3#



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0



#44

Trichloroethene

Concen: 1.40 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001005.D

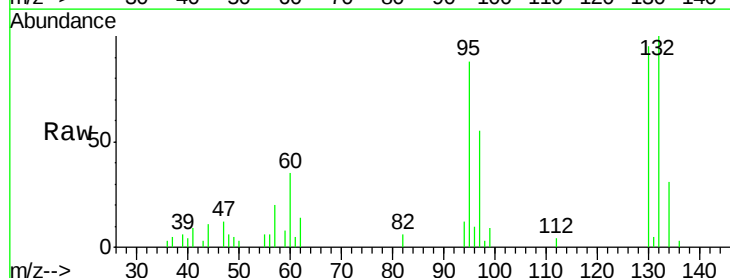
Acq: 20 Apr 2018 13:45

Tgt Ion:130 Resp: 4864

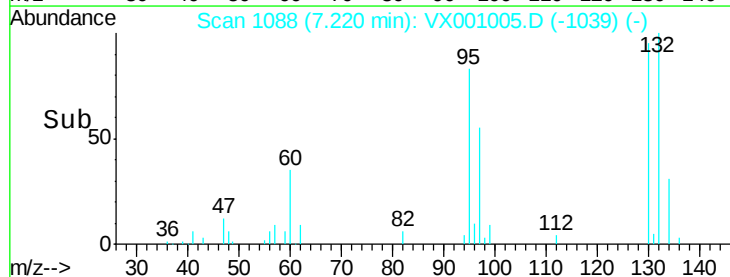
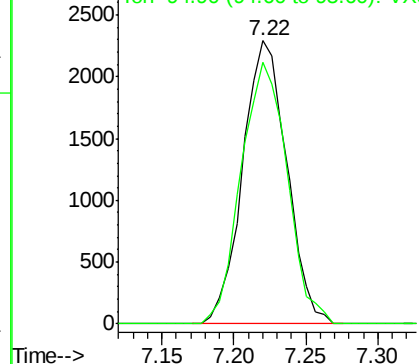
Ion Ratio Lower Upper

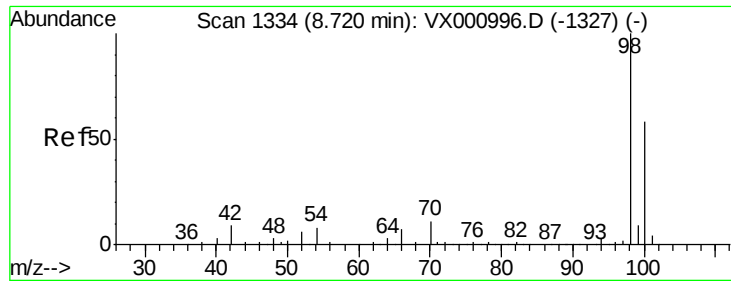
130 100

95 92.3 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

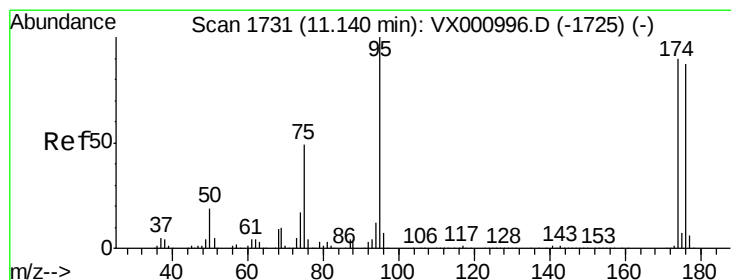
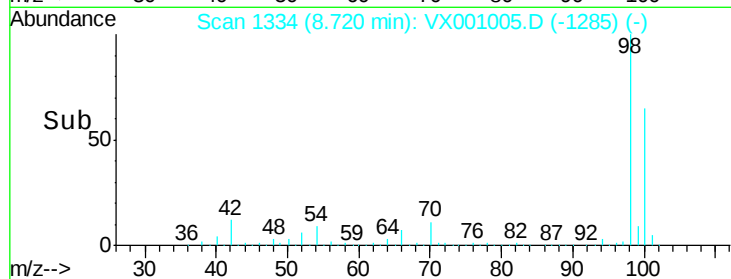
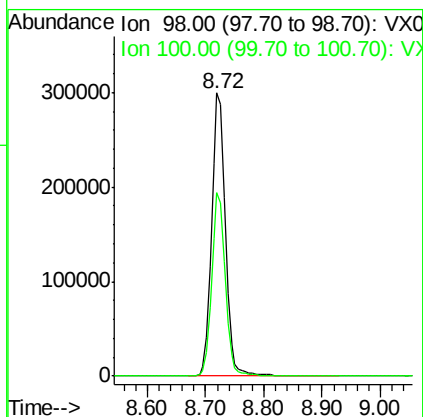
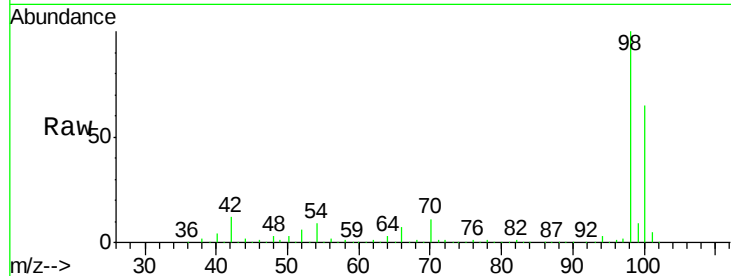




#50
Toluene-d8
Concen: 49.89 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

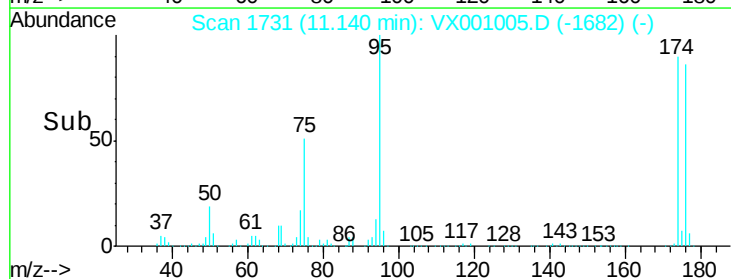
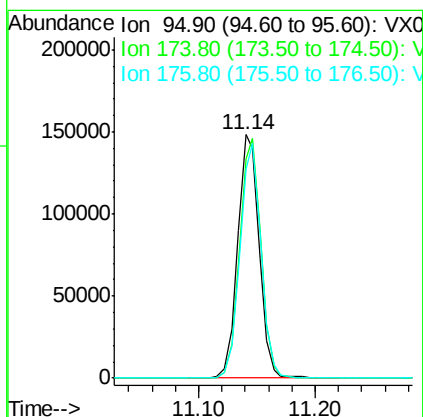
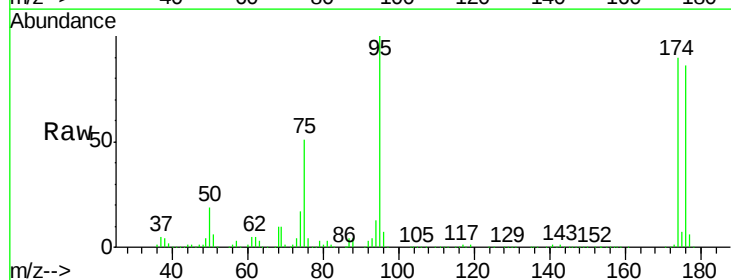
Instrument :
MSVOA_X
ClientSampleId :

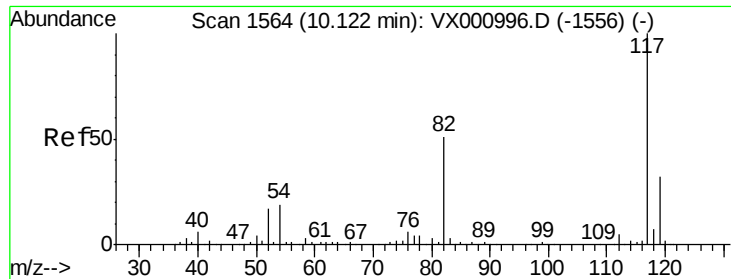
Tot Ion: 98 Resp: 490381
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.22 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Tgt Ion: 95 Resp: 190691
Ion Ratio Lower Upper
95 100
174 97.3 0.0 198.4
176 94.1 0.0 192.0

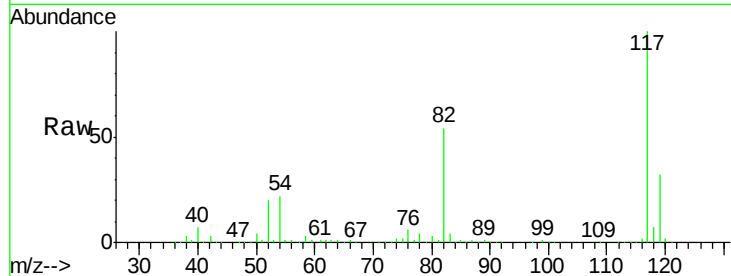




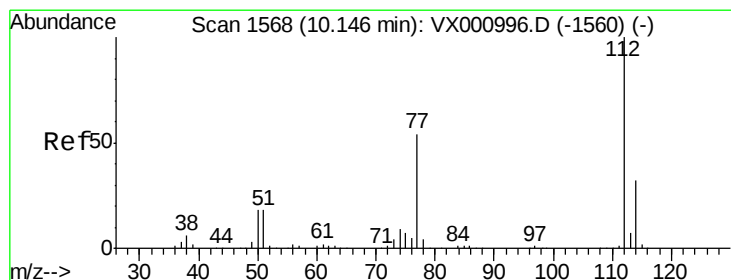
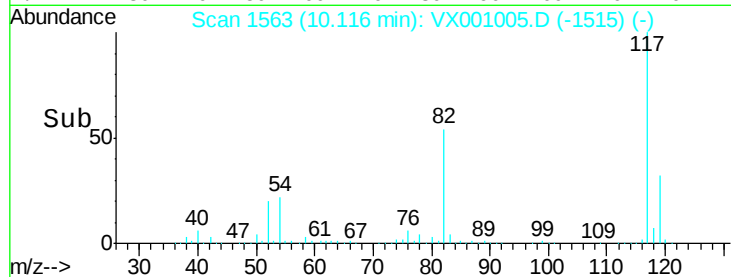
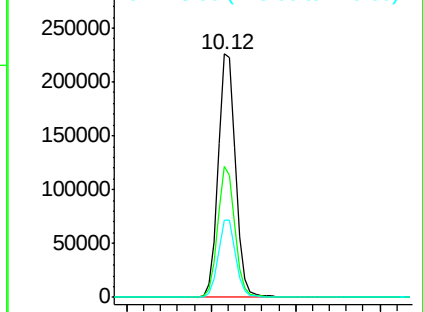
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 324709
Ion Ratio Lower Upper
117 100
82 54.0 40.6 60.8
119 31.8 26.0 39.0

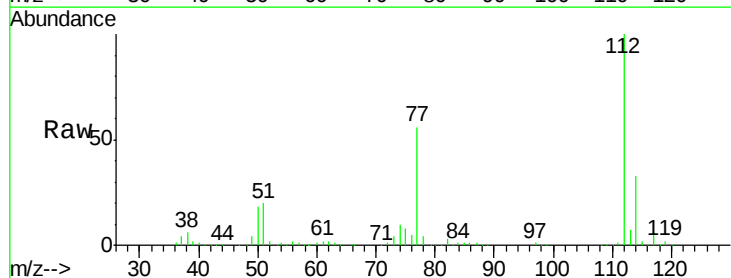


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

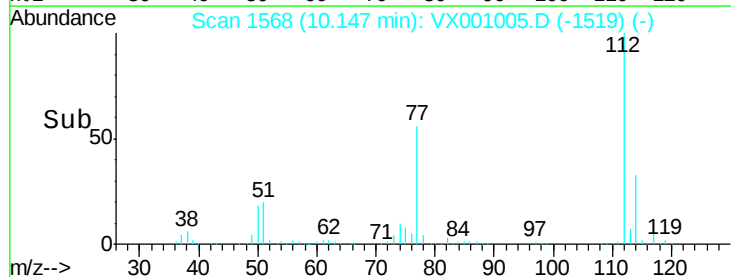
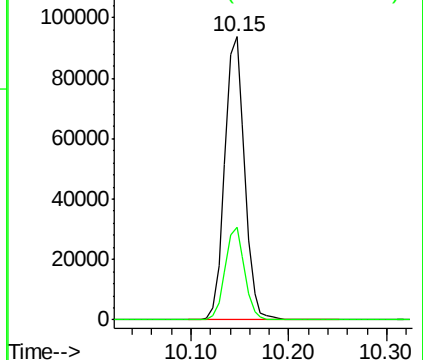


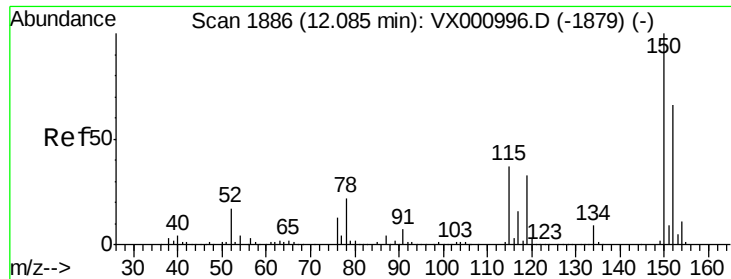
#65
Chlorobenzene
Concen: 15.34 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Tgt Ion:112 Resp: 132616
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3



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: VX001005.D

Acq: 20 Apr 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

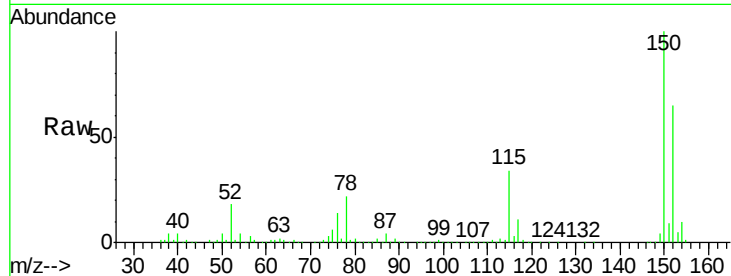
Tot Ion:152 Resp: 214351

Ion Ratio Lower Upper

152 100

115 53.3 38.2 114.6

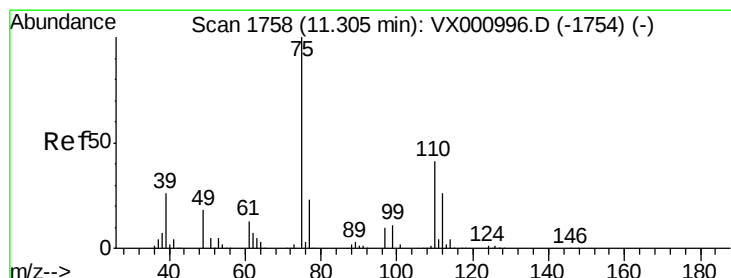
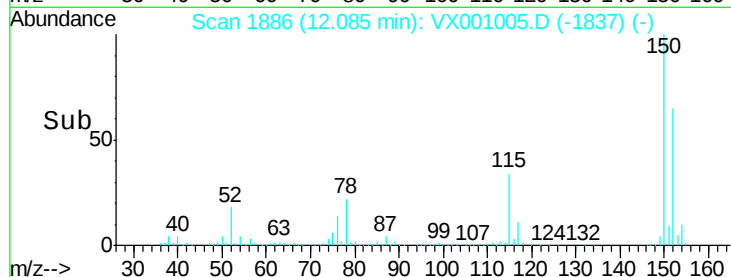
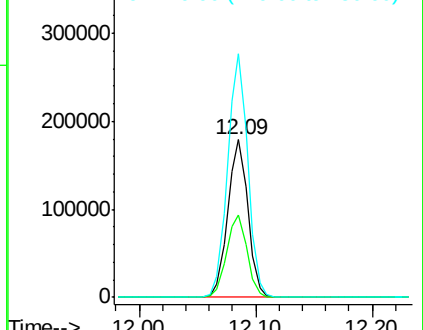
150 154.6 0.0 350.4



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: 25.56 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001005.D

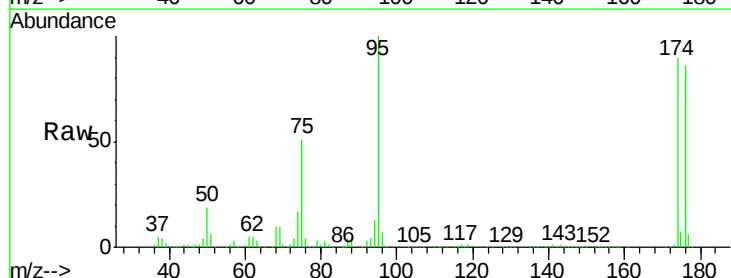
Acq: 20 Apr 2018 13:45

Tgt Ion: 75 Resp: 95059

Ion Ratio Lower Upper

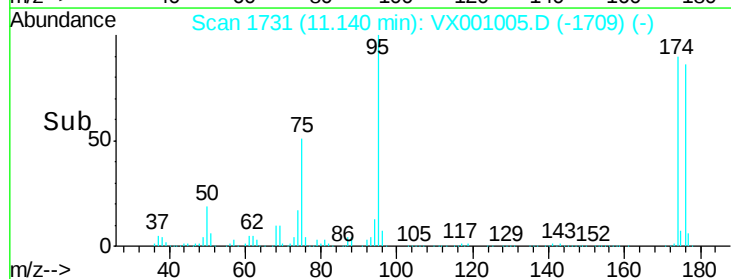
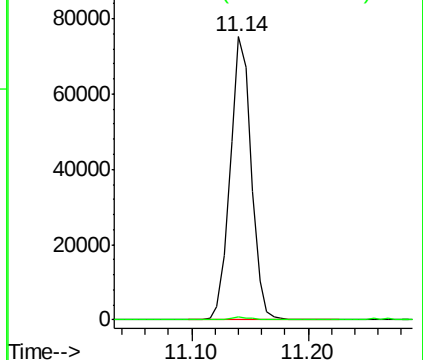
75 100

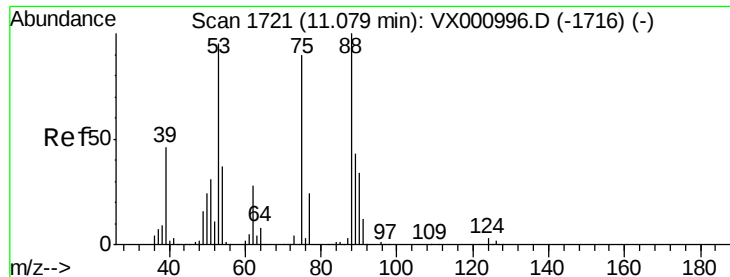
77 1.4 19.6 58.7#



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: 76.59 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001005.D

Acq: 20 Apr 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

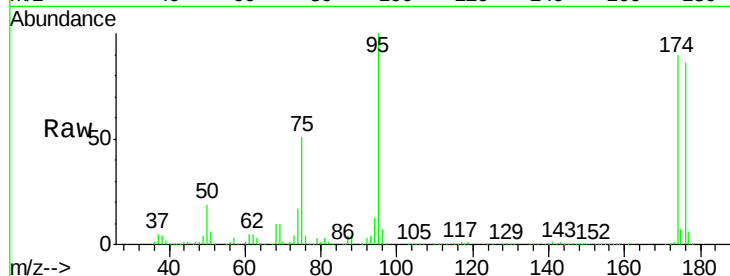
Tot Ion: 75 Resp: 95059

Ion Ratio Lower Upper

75 100

53 0.1 83.4 125.2#

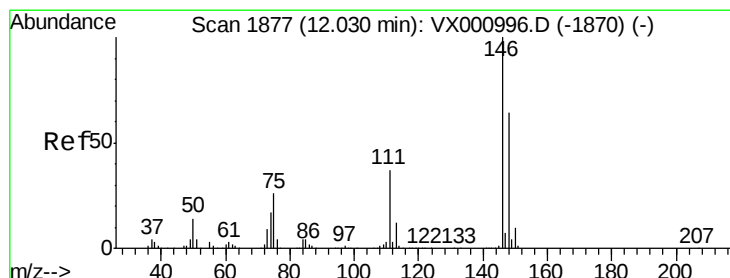
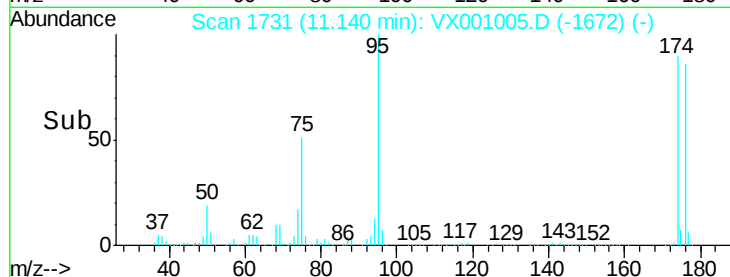
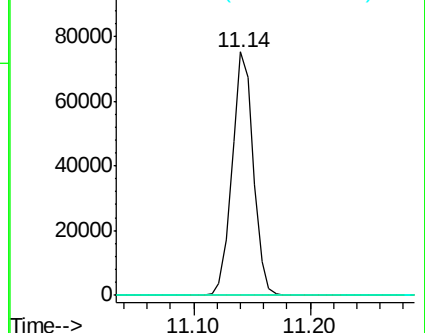
89 0.0 39.7 59.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#87

1,3-Dichlorobenzene

Concen: 0.29 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001005.D

Acq: 20 Apr 2018 13:45

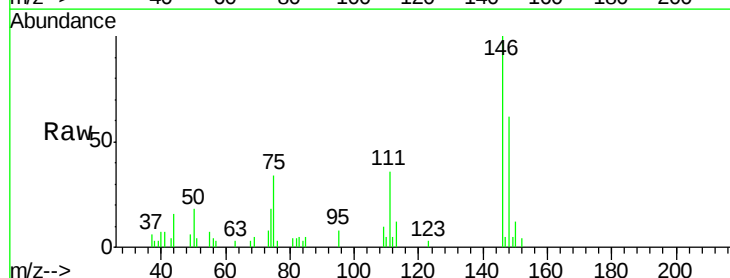
Tgt Ion: 146 Resp: 2183

Ion Ratio Lower Upper

146 100

111 43.5 18.3 54.8

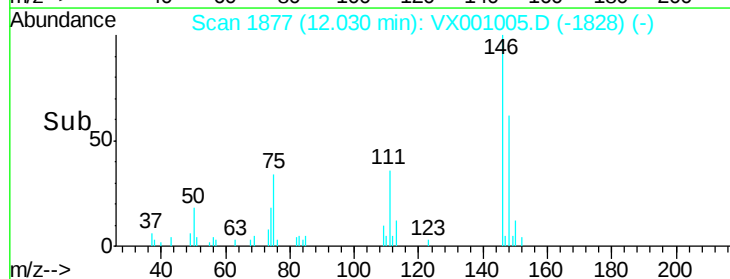
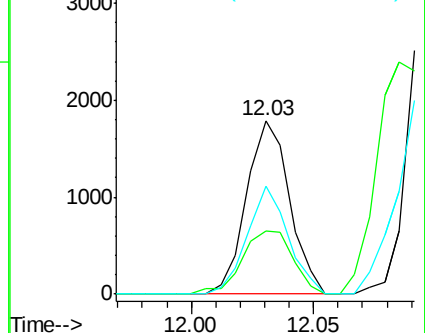
148 59.5 32.2 96.6

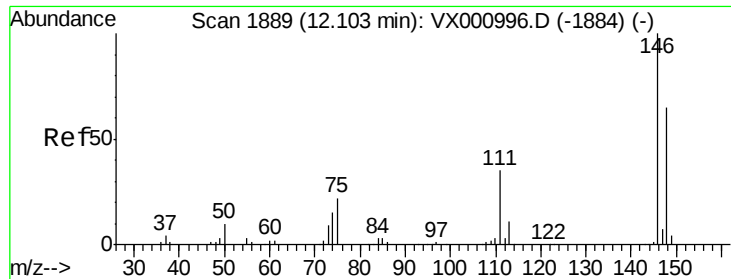


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

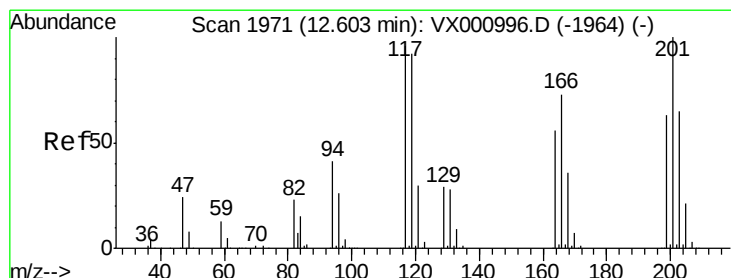
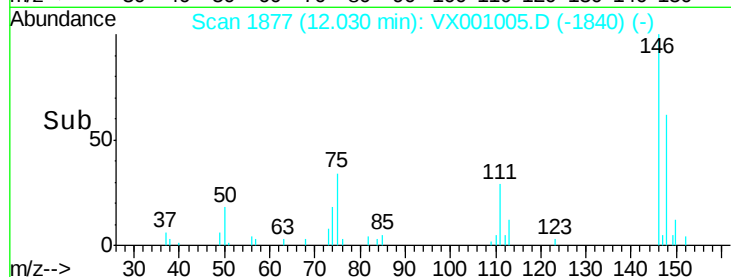
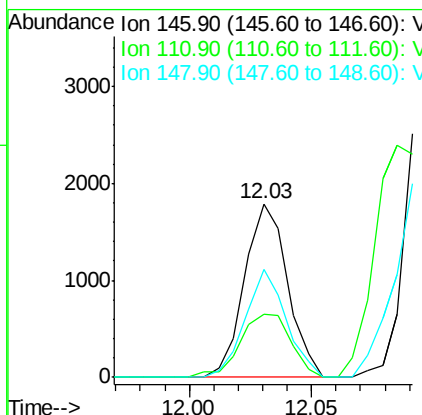
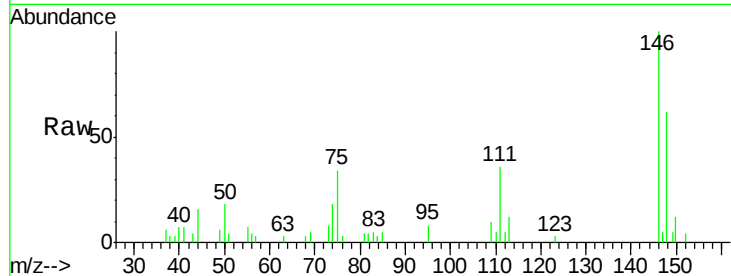




#88
 1,4-Dichlorobenzene
 Concen: 0.28 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.07 min
 Lab File: VX001005.D
 Acq: 20 Apr 2018 13:45

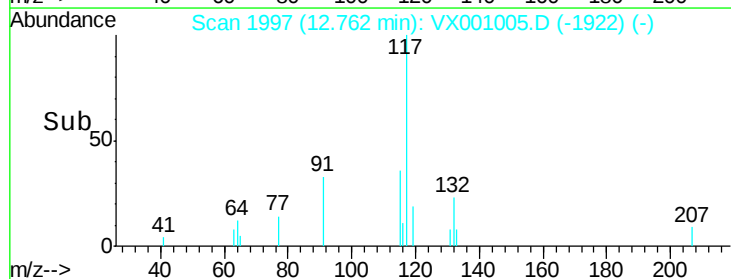
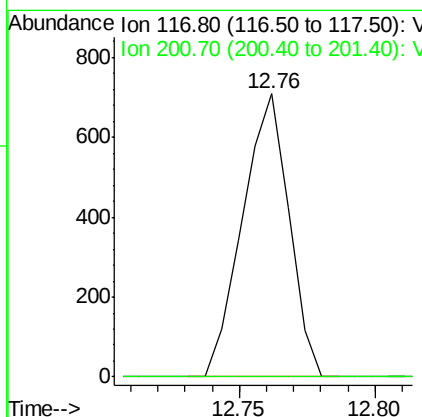
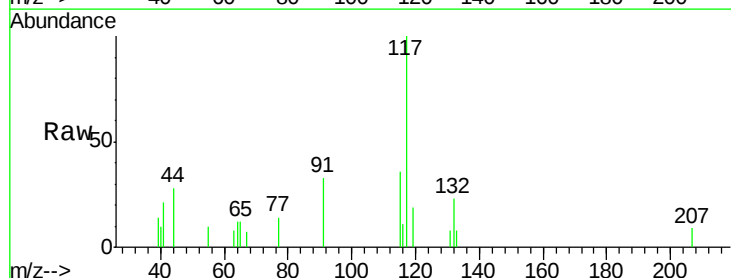
Instrument :
 MSVOA_X
 ClientSampleId :

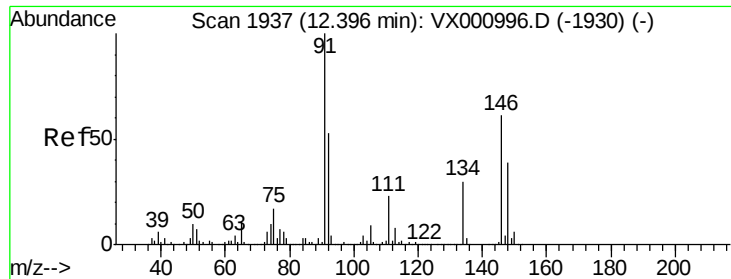
Tot Ion:146 Resp: 2183
 Ion Ratio Lower Upper
 146 100
 111 43.5 18.0 54.0
 148 59.5 32.4 97.0



#90
 Hexachloroethane
 Concen: 0.45 ug/l
 RT: 12.76 min Scan# 1997
 Delta R.T. 0.16 min
 Lab File: VX001005.D
 Acq: 20 Apr 2018 13:45

Tgt Ion:117 Resp: 837
 Ion Ratio Lower Upper
 117 100
 201 0.0 52.3 157.1#





#91

1,2-Dichlorobenzene

Concen: 2.48 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001005.D

Acq: 20 Apr 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

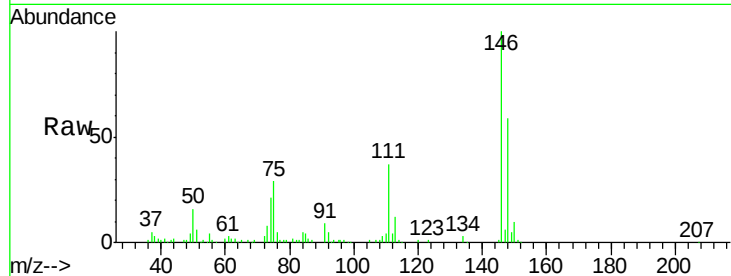
Tot Ion:146 Resp: 18253

Ion Ratio Lower Upper

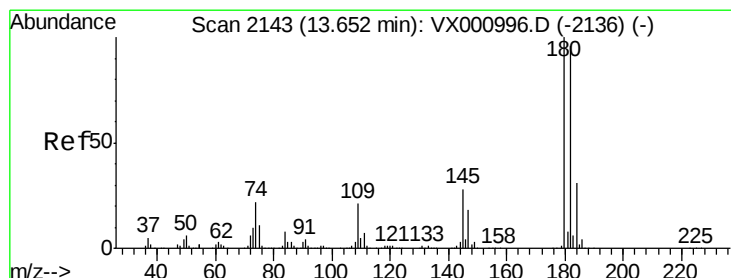
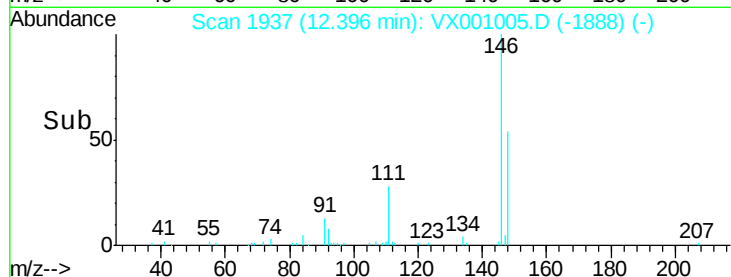
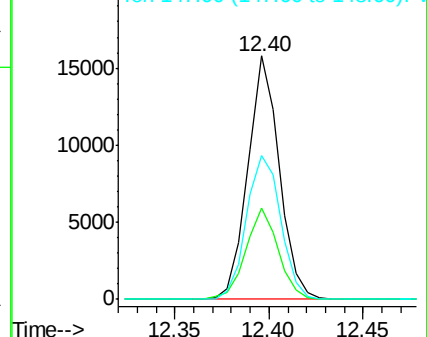
146 100

111 38.7 18.6 56.0

148 64.2 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#93

1,2,4-Trichlorobenzene

Concen: 0.23 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX001005.D

Acq: 20 Apr 2018 13:45

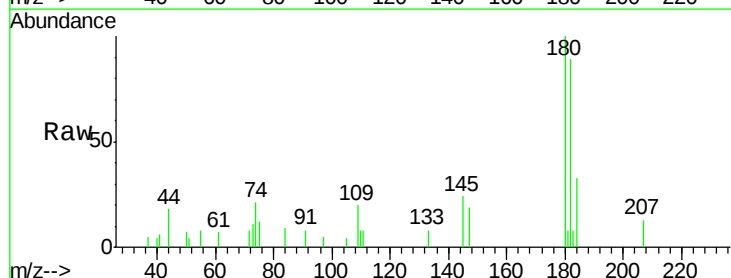
Tgt Ion:180 Resp: 1406

Ion Ratio Lower Upper

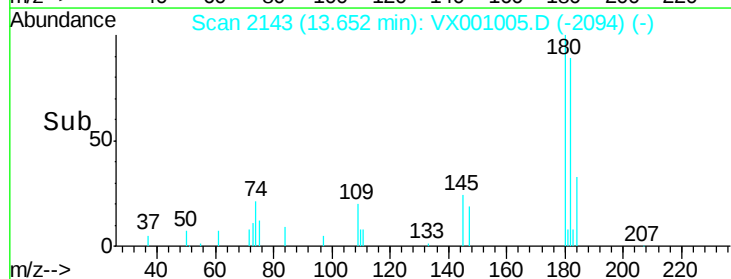
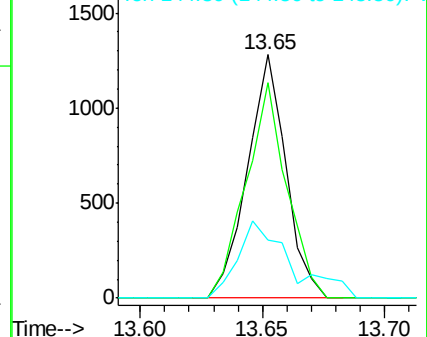
180 100

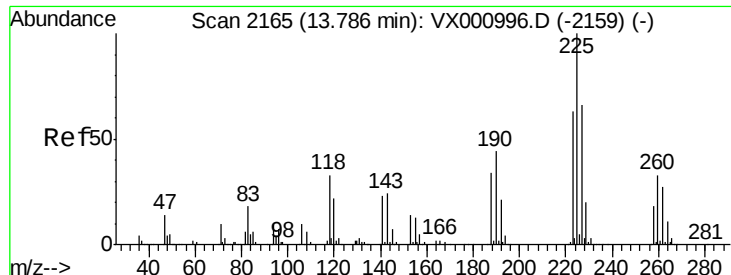
182 94.1 48.0 144.0

145 43.9 13.9 41.7#



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: VX001005.D

Acq: 20 Apr 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

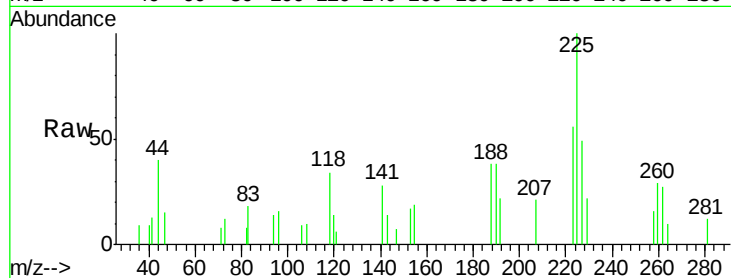
Tot Ion:225 Resp: 815

Ion Ratio Lower Upper

225 100

223 60.9 31.5 94.5

227 69.3 32.6 97.8



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

