

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002644.D
 Acq On : 16 Jun 2018 13:22
 Operator : JC/MD
 Sample : J3477-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0137

Quant Time: Jun 18 06:11:37 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	216572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	310508	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	170220	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	149073	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	
35) Dibromofluoromethane	5.51	113	114494	46.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.40%	
50) Toluene-d8	8.72	98	446493	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
62) 4-Bromofluorobenzene	11.14	95	157992	44.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.62%	

Target Compounds

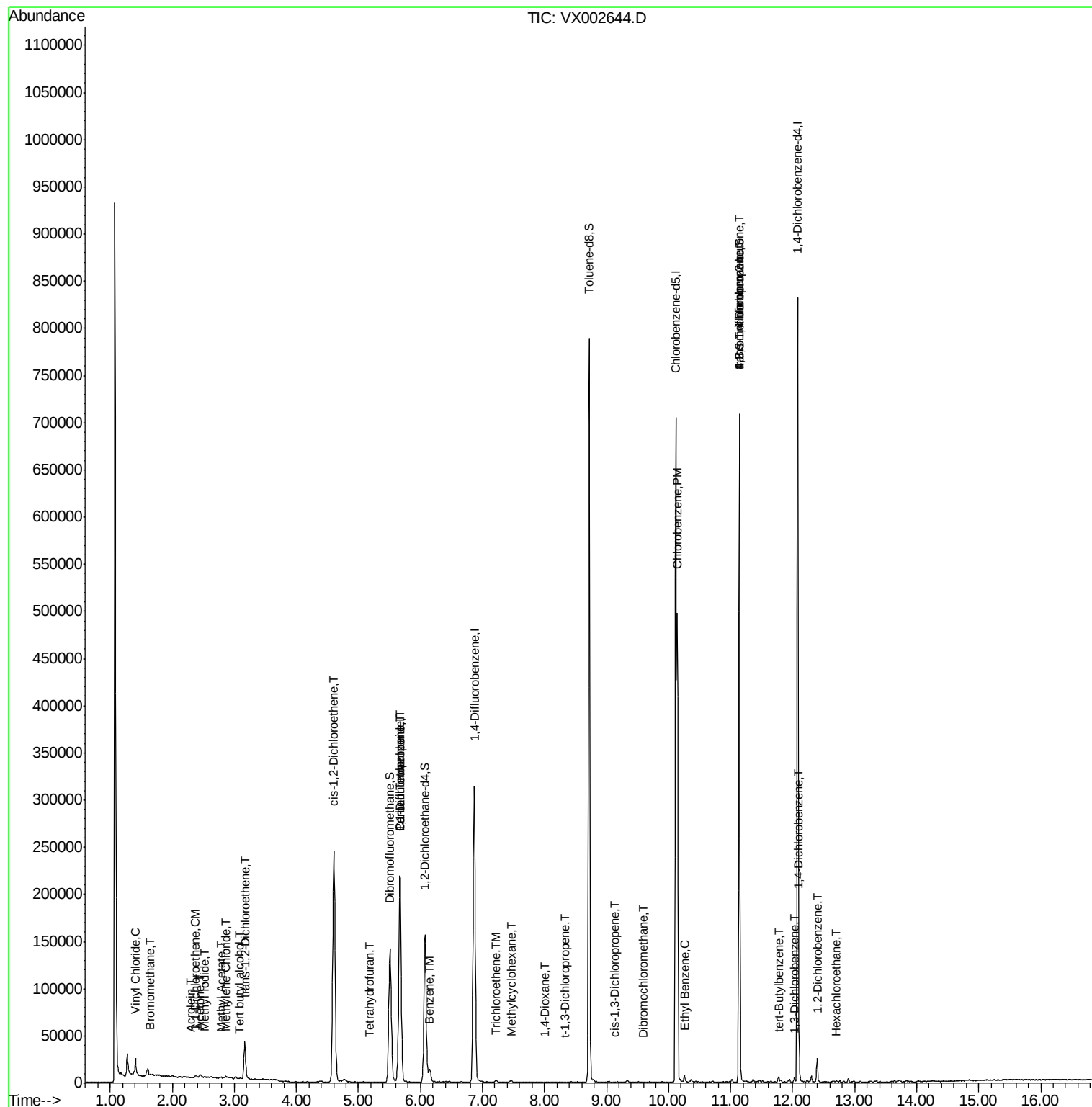
						Qvalue
4) Vinyl Chloride	1.41	62	9997	3.52	ug/l #	69
5) Bromomethane	1.65	94	1142	0.67	ug/l	97
10) Methyl Iodide	2.52	142	1386	5.54	ug/l #	88
11) Tert butyl alcohol	3.07	59	361	0.53	ug/l #	73
12) 1,1-Dichloroethene	2.37	96	714	0.30	ug/l	86
13) Acrolein	2.30	56	53	7.03	ug/l #	1
16) Acetone	2.45	43	4258	2.93	ug/l	96
18) Methyl Acetate	2.79	43	1225	0.32	ug/l	91
20) Methylene Chloride	2.87	84	598	0.20	ug/l #	63
21) trans-1,2-Dichloroethene	3.17	96	15330	5.84	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	151322	56.65	ug/l	83
29) Tetrahydrofuran	5.18	42	368	0.29	ug/l #	45
36) 1,1-Dichloropropene	5.67	75	15221	4.62	ug/l #	50
38) Carbon Tetrachloride	5.67	117	20507	6.24	ug/l #	16
39) Methylcyclohexane	7.46	83	799	0.21	ug/l #	71
40) Benzene	6.15	78	14740	1.49	ug/l	96
44) Trichloroethene	7.22	130	911	0.32	ug/l	92
49) 1,4-Dioxane	8.01	88	20	0.33	ug/l #	1
53) t-1,3-Dichloropropene	8.33	75	19	2.40	ug/l #	43
54) cis-1,3-Dichloropropene	9.14	75	22	3.22	ug/l #	1
60) Dibromochloromethane	9.60	129	40	3.77	ug/l #	11
65) Chlorobenzene	10.14	112	193823	26.81	ug/l	99
67) Ethyl Benzene	10.26	91	3640	0.30	ug/l	99
76) 1,2,3-Trichloropropane	11.14	75	85150	26.51	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.14	75	85150	81.91	ug/l #	7
83) tert-Butylbenzene	11.77	119	2103	0.23	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	1322	0.23	ug/l	81
88) 1,4-Dichlorobenzene	12.10	146	12539	2.12	ug/l	89
90) Hexachloroethane	12.71	117	350	2.83	ug/l #	1
91) 1,2-Dichlorobenzene	12.40	146	7026	1.20	ug/l	100

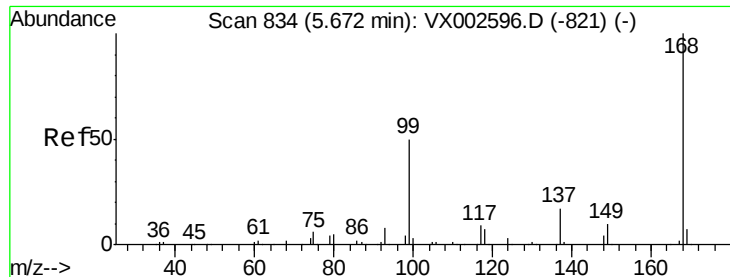
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002644.D

Acq: 16 Jun 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

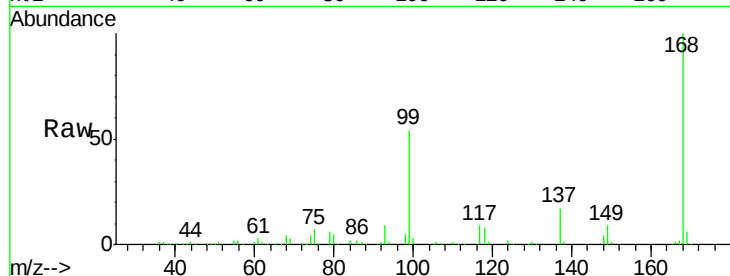
S36-0137

Tot Ion:168 Resp: 216572

Ion Ratio Lower Upper

168 100

99 53.6 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

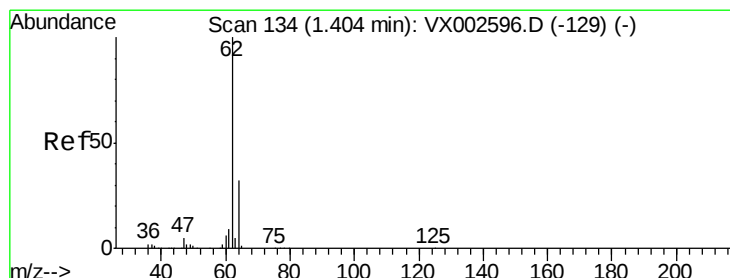
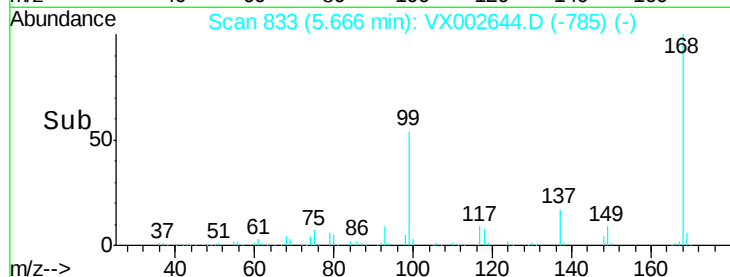
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 3.52 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002644.D

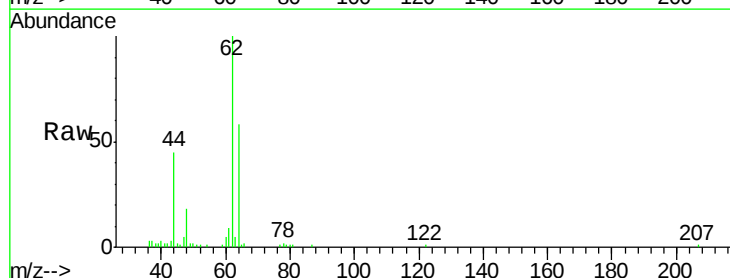
Acq: 16 Jun 2018 13:22

Tgt Ion: 62 Resp: 9997

Ion Ratio Lower Upper

62 100

64 48.8 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

10000

8000

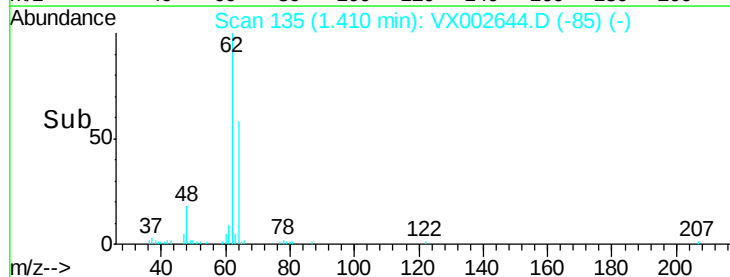
6000

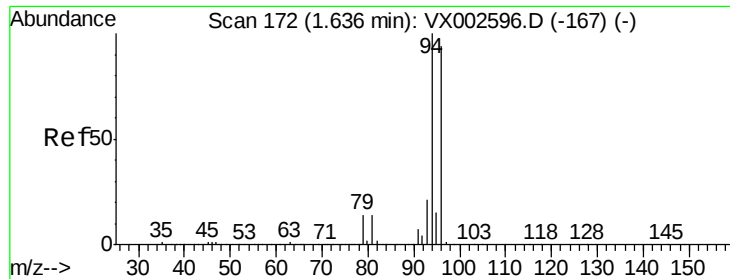
4000

2000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 0.67 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002644.D

Acq: 16 Jun 2018 13:22

Instrument :

MSVOA_X

ClientSampled :

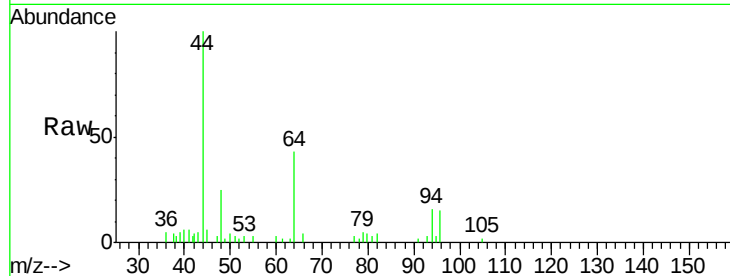
S36-0137

Tot Ion: 94 Resp: 1142

Ion Ratio Lower Upper

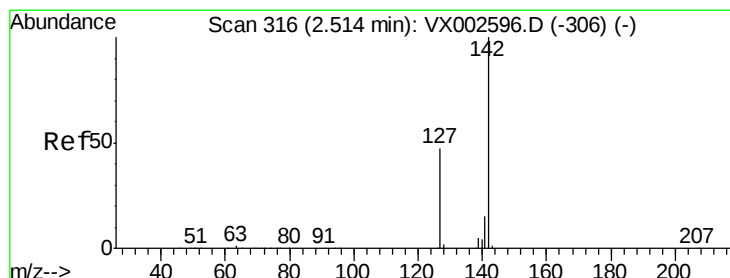
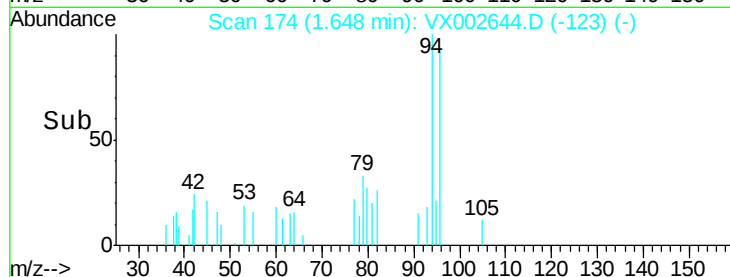
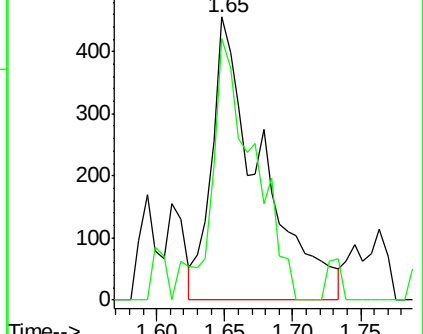
94 100

96 90.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 5.54 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002644.D

Acq: 16 Jun 2018 13:22

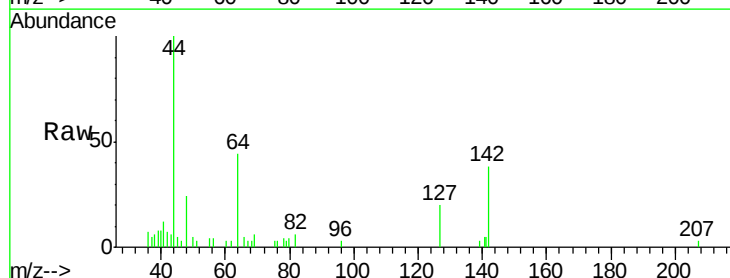
Tgt Ion: 142 Resp: 1386

Ion Ratio Lower Upper

142 100

127 55.6 36.6 55.0#

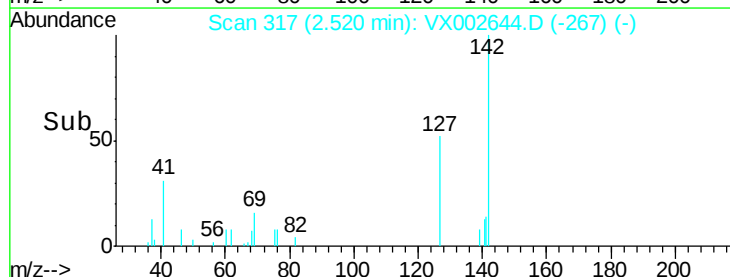
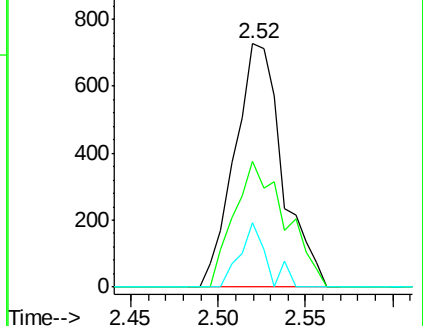
141 14.6 11.3 16.9

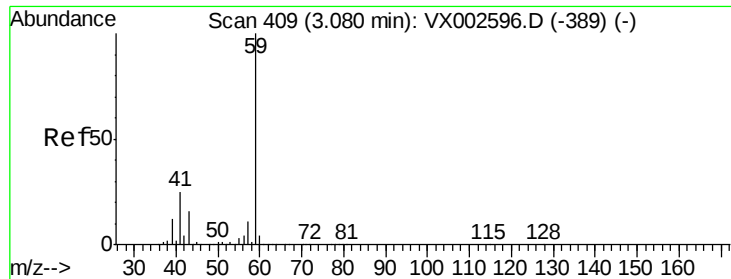


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



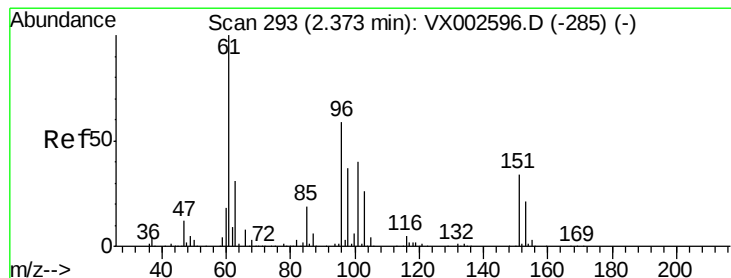
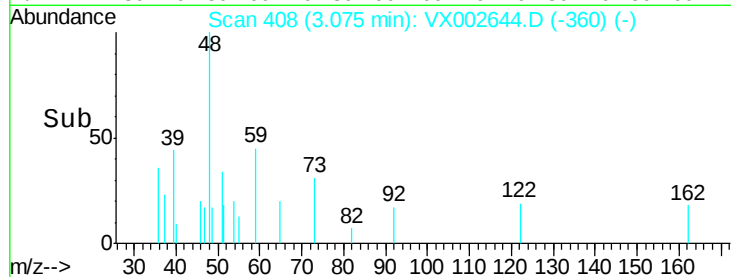
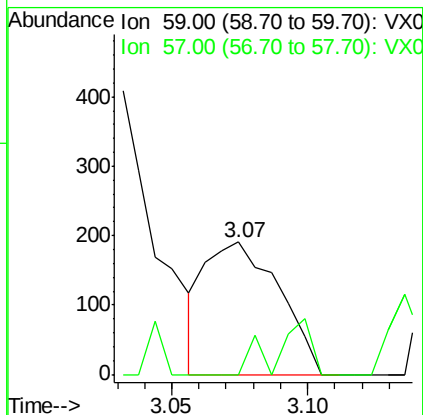
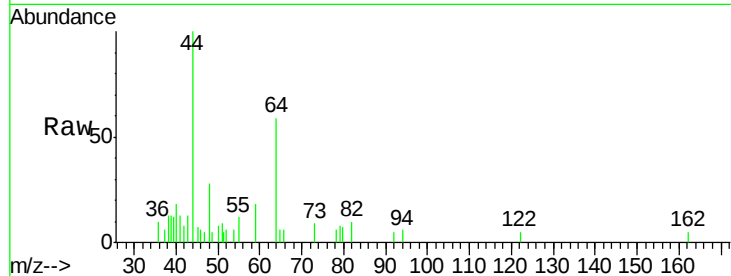


#11

Tert butyl alcohol
 Concen: 0.53 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002644.D
 Acq: 16 Jun 2018 13:22

Instrument :
 MSVOA_X
 ClientSampled :
 S36-0137

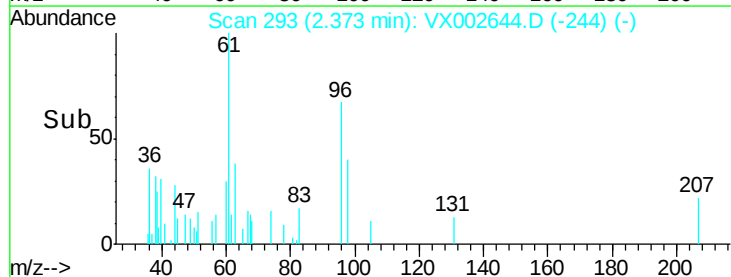
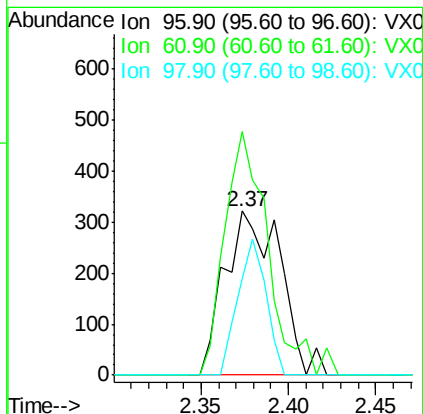
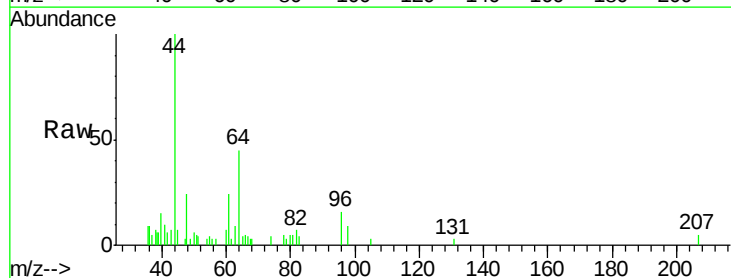
Tot Ion: 59 Resp: 361
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

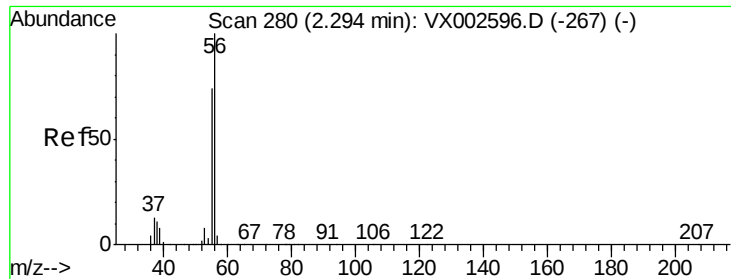


#12

1,1-Dichloroethene
 Concen: 0.30 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002644.D
 Acq: 16 Jun 2018 13:22

Tgt Ion: 96 Resp: 714
 Ion Ratio Lower Upper
 96 100
 61 148.6 137.9 206.9
 98 59.2 51.6 77.4





#13

Acrolein

Concen: 7.03 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002644.D

Acq: 16 Jun 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

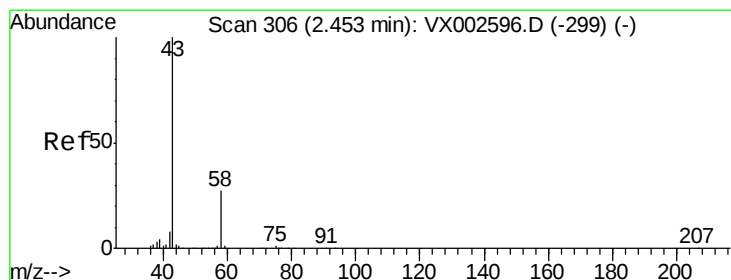
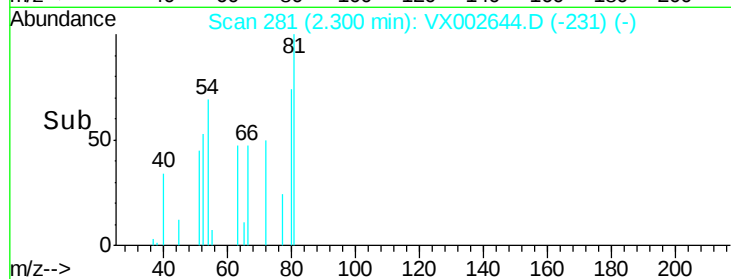
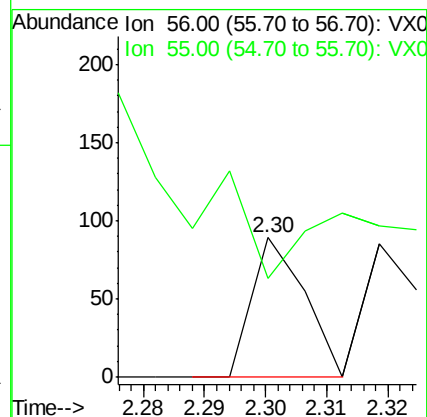
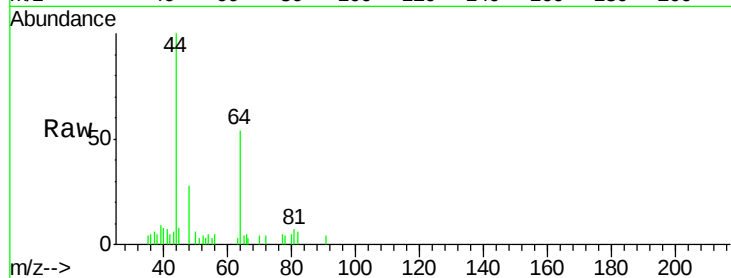
S36-0137

Tot Ion: 56 Resp: 53

Ion Ratio Lower Upper

56 100

55 254.7 57.0 85.4#



#16

Acetone

Concen: 2.93 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002644.D

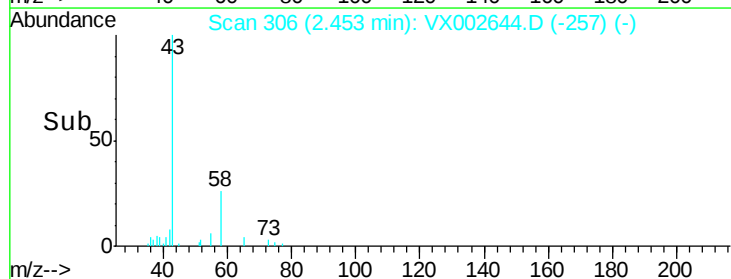
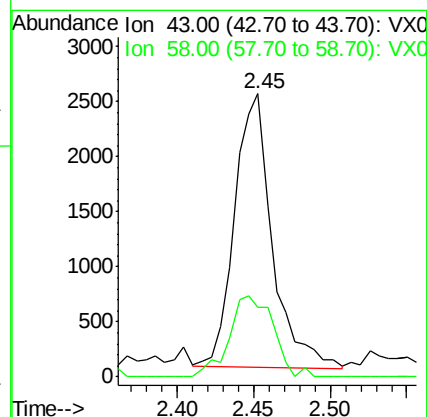
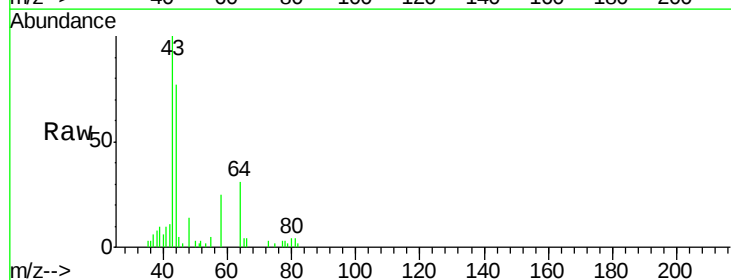
Acq: 16 Jun 2018 13:22

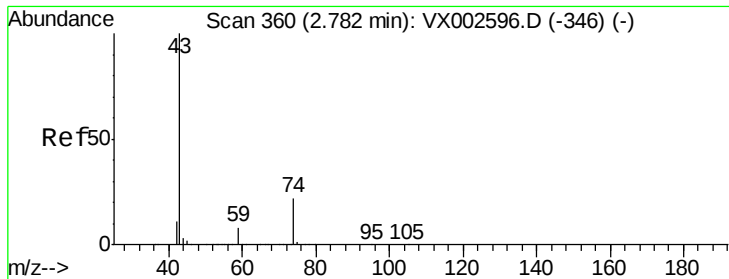
Tgt Ion: 43 Resp: 4258

Ion Ratio Lower Upper

43 100

58 25.6 22.1 33.1

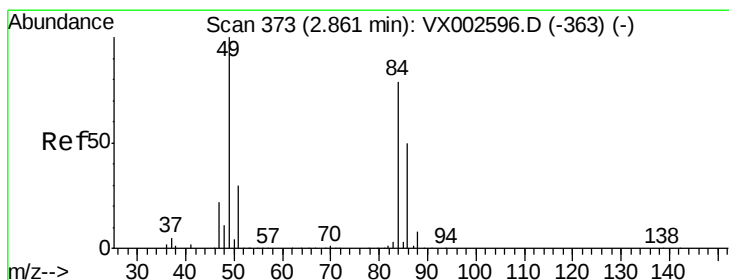
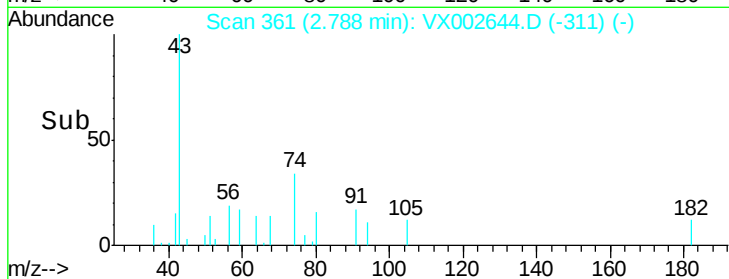
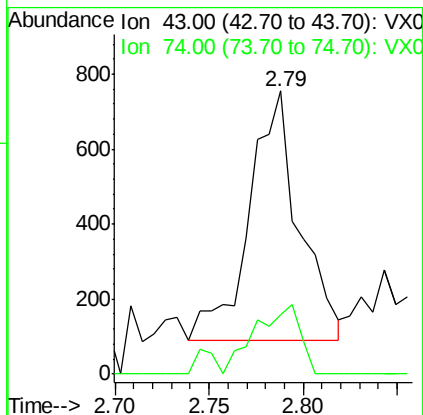
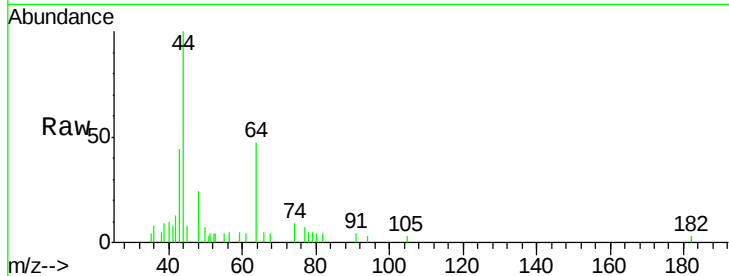




#18
Methyl Acetate
Concen: 0.32 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

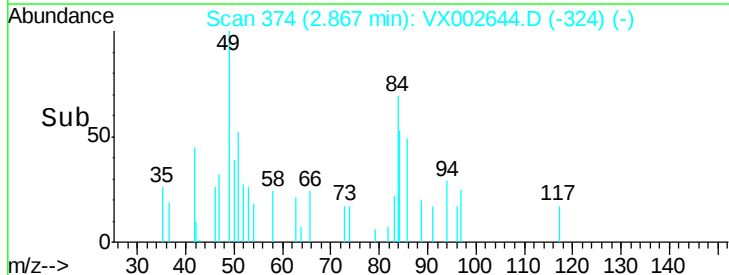
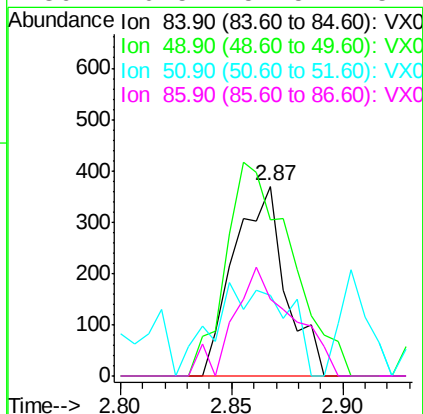
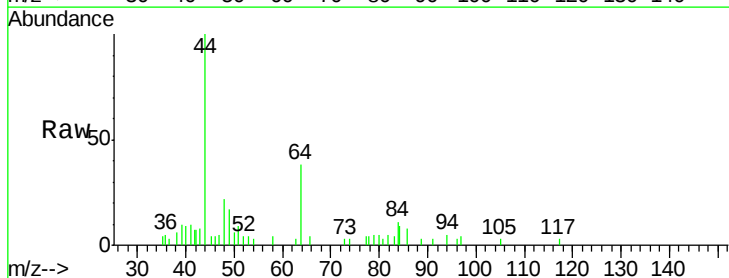
Instrument :
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ClientSampleId :
S36-0137

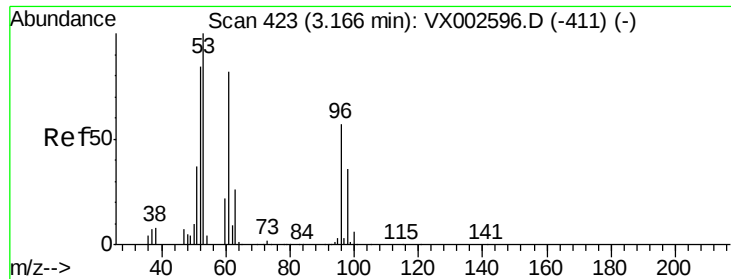
Tot Ion: 43 Resp: 1225
Ion Ratio Lower Upper
43 100
74 25.0 16.7 25.1



#20
Methylene Chloride
Concen: 0.20 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Tgt Ion: 84 Resp: 598
Ion Ratio Lower Upper
84 100
49 82.2 107.8 161.6#
51 26.8 32.8 49.2#
86 40.5 52.5 78.7#





#21

trans-1,2-Dichloroethene

Concen: 5.84 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002644.D

Acq: 16 Jun 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

S36-0137

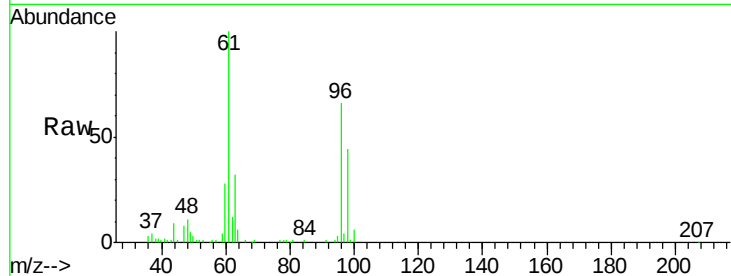
Tot Ion: 96 Resp: 15330

Ion Ratio Lower Upper

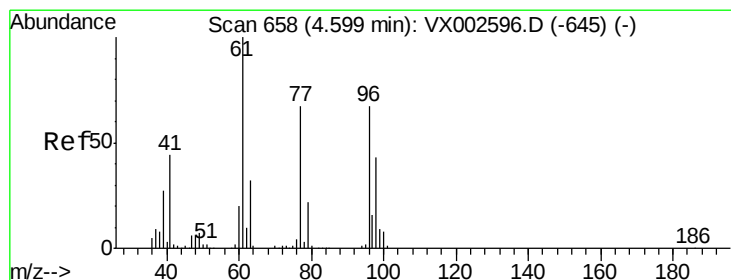
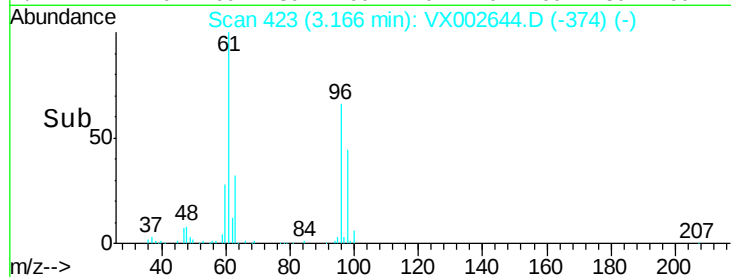
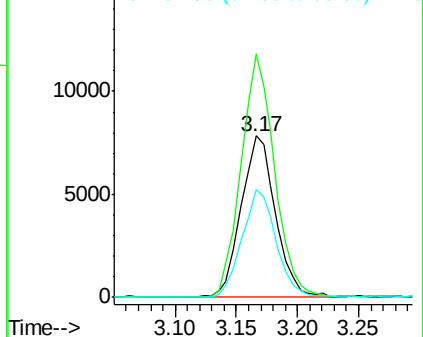
96 100

61 151.1 117.0 175.4

98 67.1 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



#27

cis-1,2-Dichloroethene

Concen: 56.65 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002644.D

Acq: 16 Jun 2018 13:22

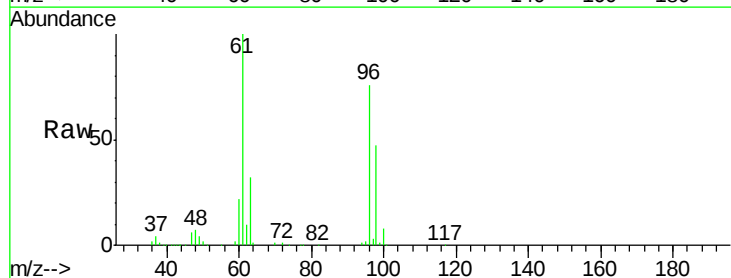
Tgt Ion: 96 Resp: 151322

Ion Ratio Lower Upper

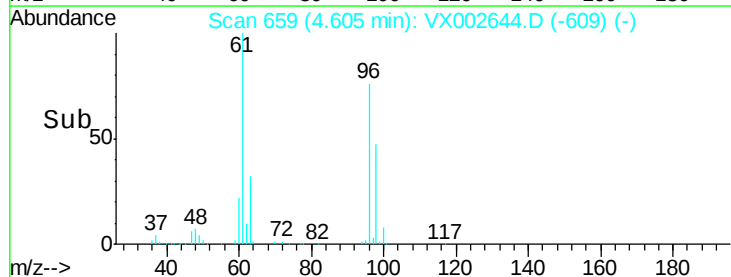
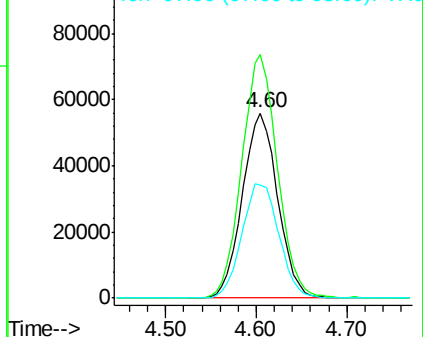
96 100

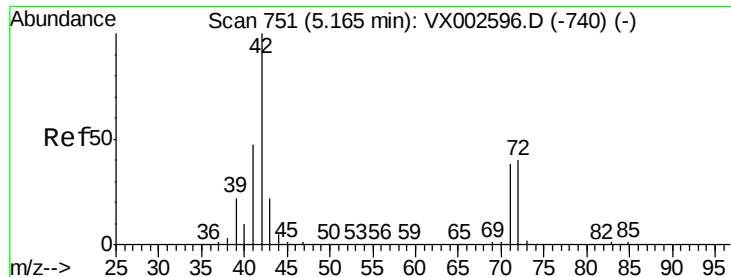
61 132.5 0.0 330.2

98 64.9 0.0 130.2



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

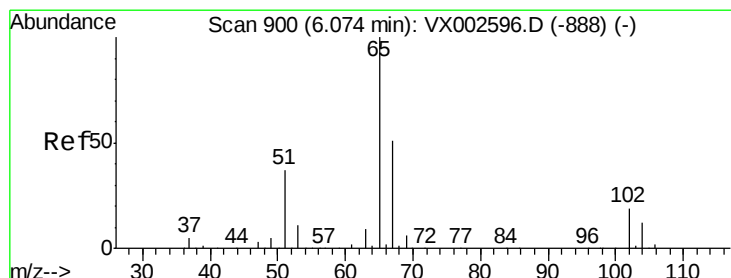
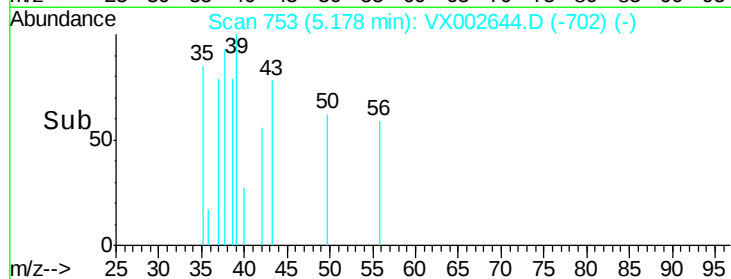
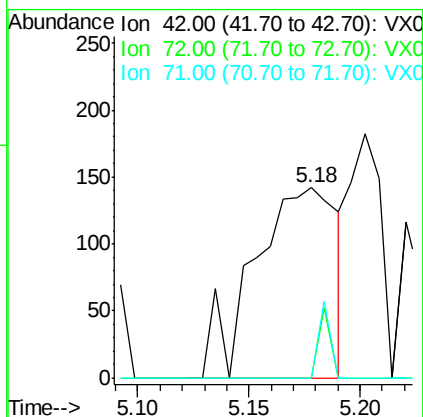
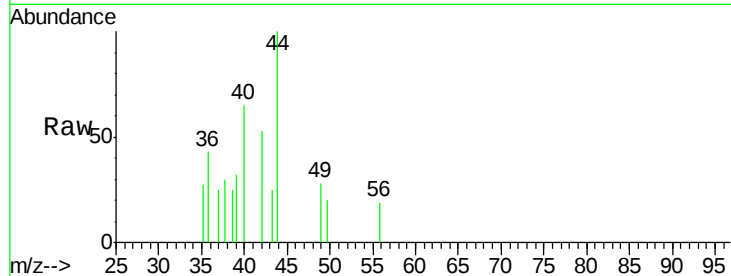




#29
Tetrahydrofuran
Concen: 0.29 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

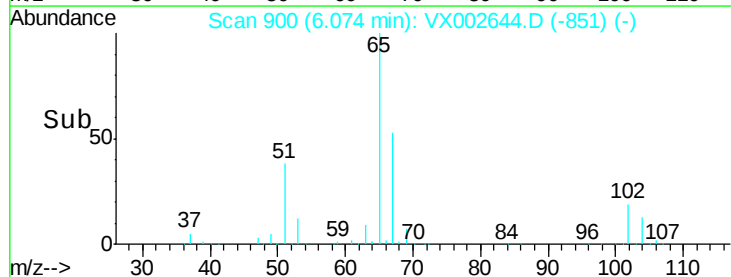
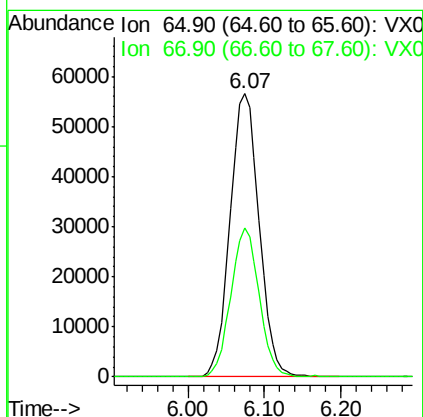
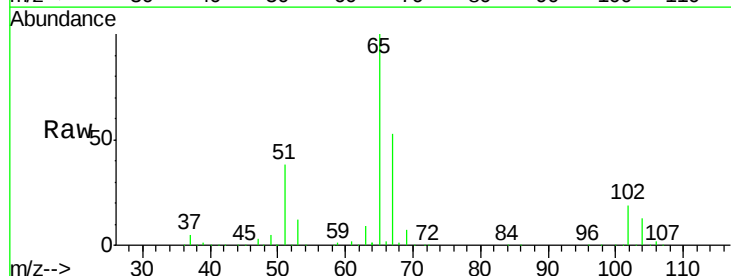
Instrument :
MSVOA_X
ClientSampleId :
S36-0137

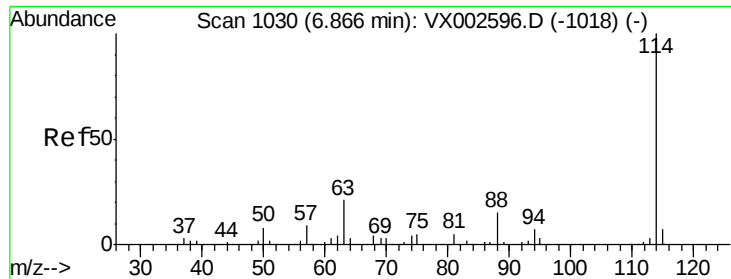
Tot Ion: 42 Resp: 368
Ion Ratio Lower Upper
42 100
72 5.2 32.0 48.0#
71 5.7 30.1 45.1#



#33
1,2-Dichloroethane-d4
Concen: 45.30 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Tgt Ion: 65 Resp: 149073
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002644.D

Acq: 16 Jun 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

S36-0137

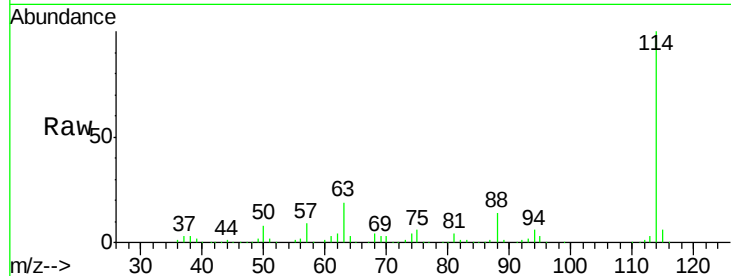
Tot Ion:114 Resp: 310508

Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.4

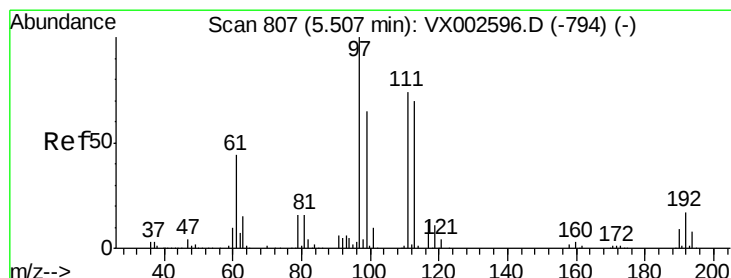
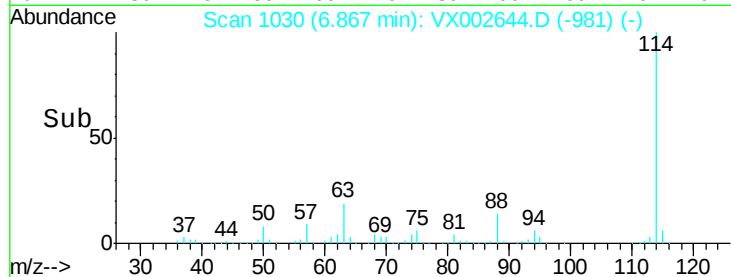
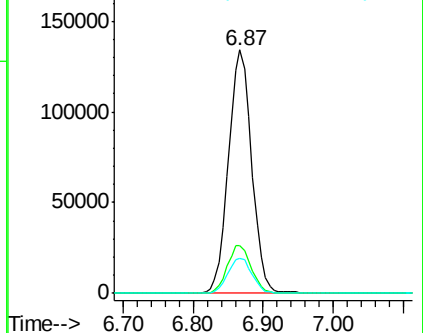
88 14.4 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.20 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002644.D

Acq: 16 Jun 2018 13:22

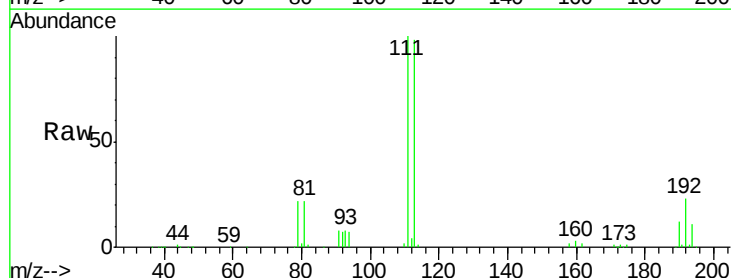
Tgt Ion:113 Resp: 114494

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

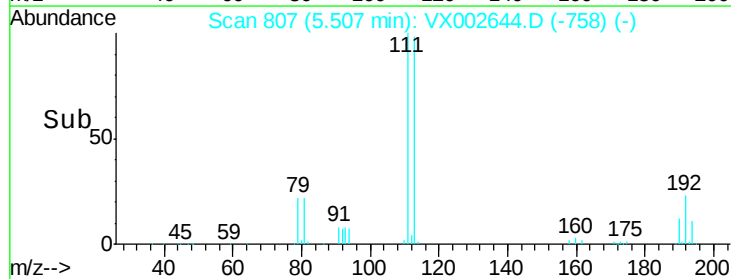
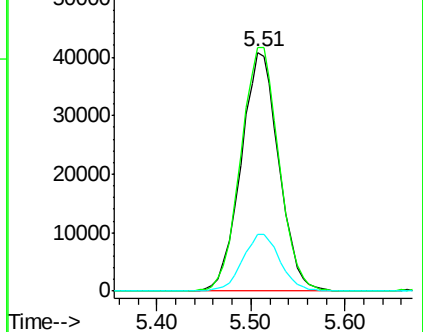
192 23.4 19.1 28.7

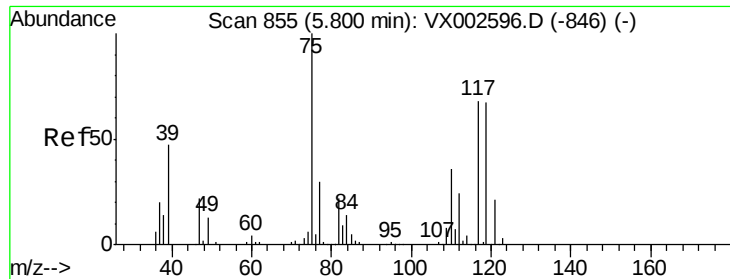


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

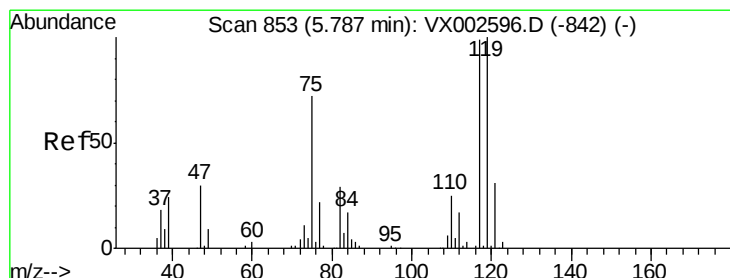
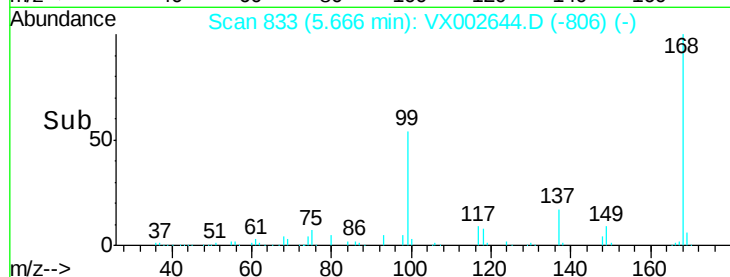
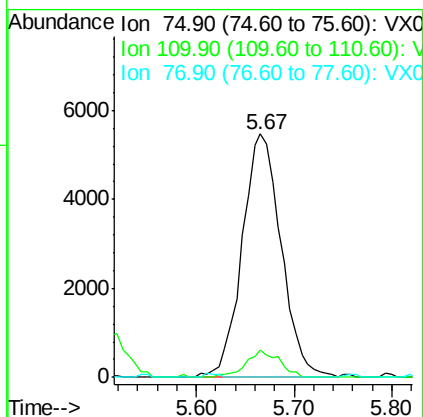
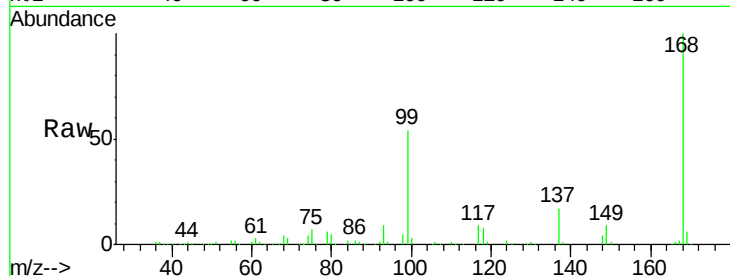




#36
 1,1-Dichloropropene
 Concen: 4.62 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX002644.D
 Acq: 16 Jun 2018 13:22

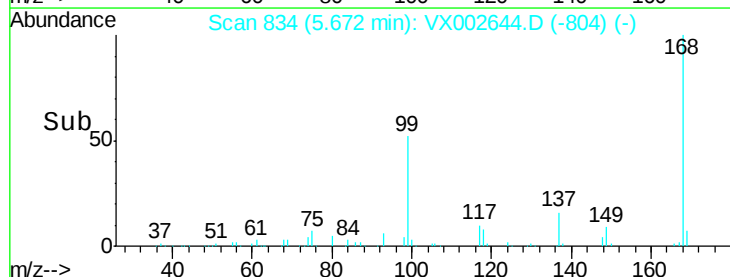
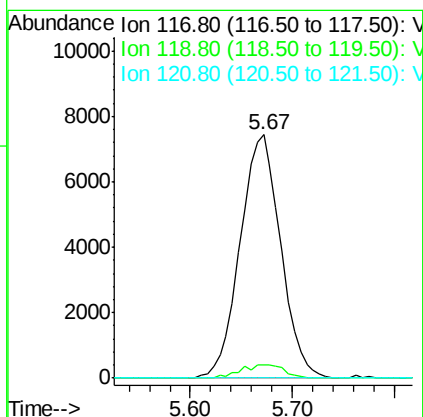
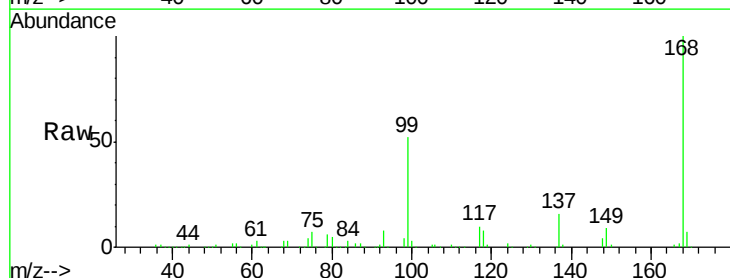
Instrument :
 MSVOA_X
 ClientSampled :
 S36-0137

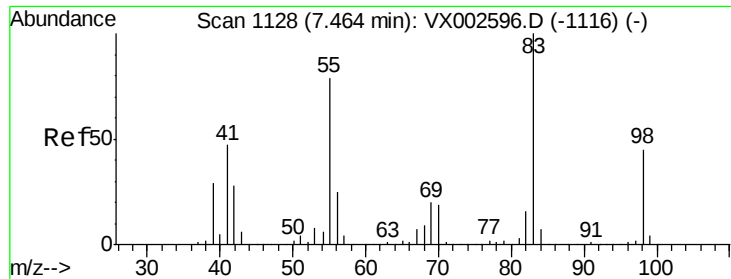
Tot Ion	75	Resp	15221
Ion Ratio	Lower	Upper	
75	100		
110	9.6	18.1	54.4#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 6.24 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX002644.D
 Acq: 16 Jun 2018 13:22

Tgt Ion	117	Resp	20507
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
117	100		
119	5.4	77.4	116.0#
121	0.0	24.4	36.6#

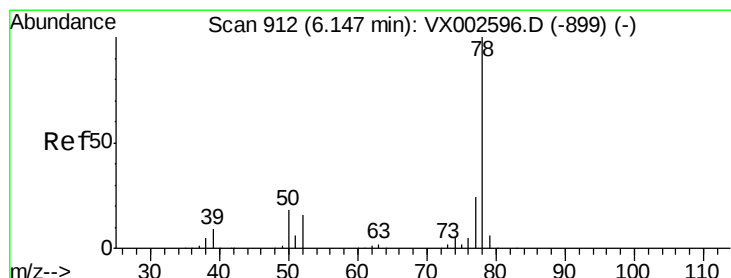
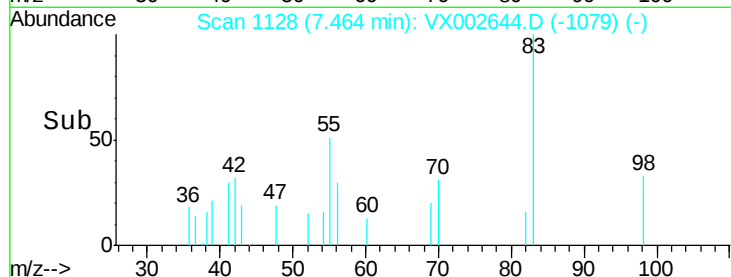
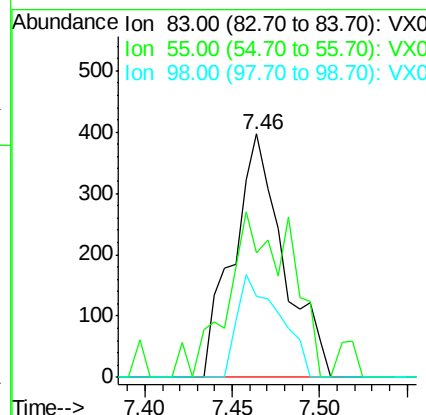
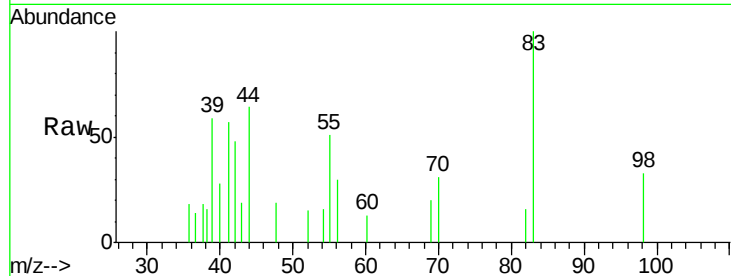




#39
Methvlcvclohexane
Concen: 0.21 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

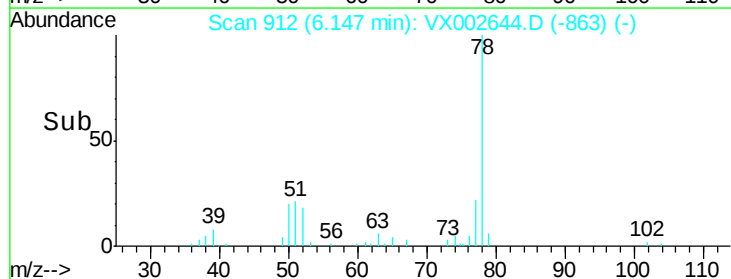
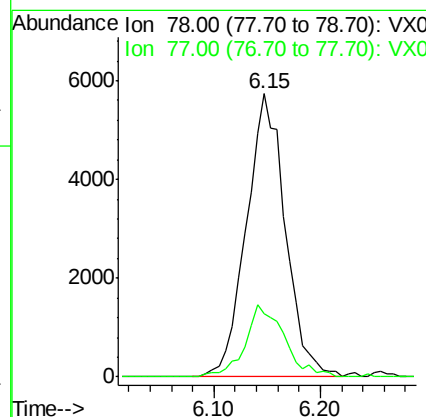
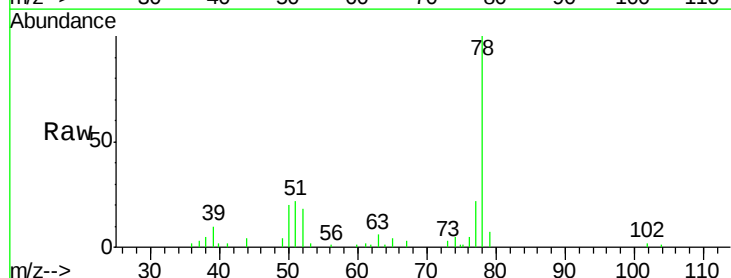
Instrument :
MSVOA_X
ClientSampleId :
S36-0137

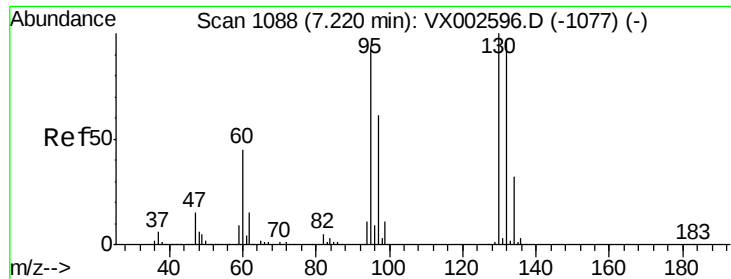
Tot Ion: 83 Resp: 799
Ion Ratio Lower Upper
83 100
55 51.4 65.4 98.0#
98 33.2 37.4 56.0#



#40
Benzene
Concen: 1.49 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Tgt Ion: 78 Resp: 14740
Ion Ratio Lower Upper
78 100
77 22.2 19.1 28.7





#44

Trichloroethene

Concen: 0.32 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX002644.D

Acq: 16 Jun 2018 13:22

Instrument :

MSVOA_X

ClientSampled :

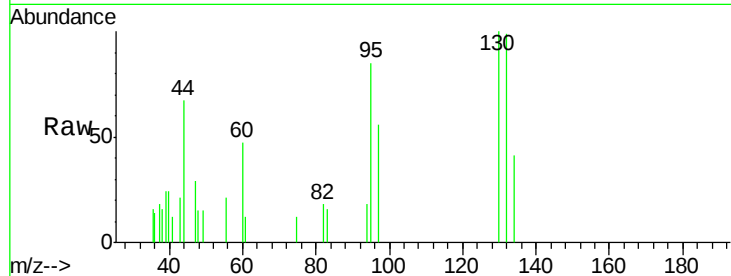
S36-0137

Tot Ion:130 Resp: 911

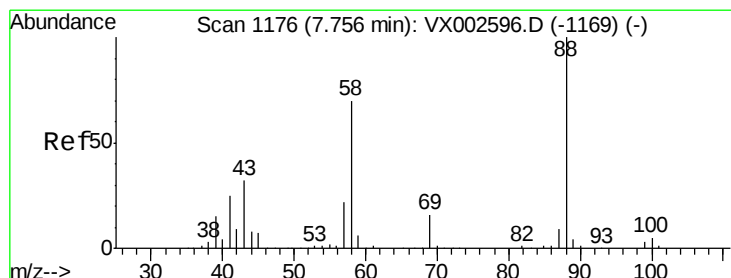
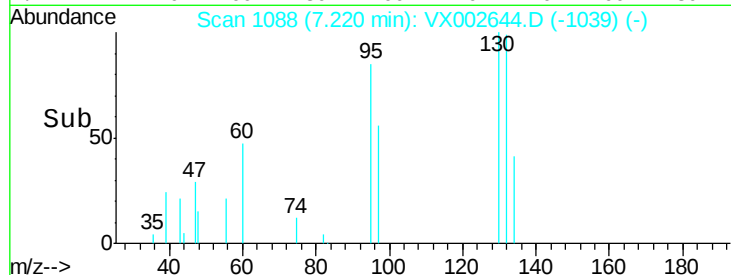
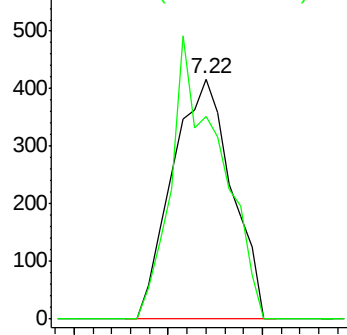
Ion Ratio Lower Upper

130 100

95 84.7 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V



#49

1,4-Dioxane

Concen: 0.33 ug/l

RT: 8.01 min Scan# 1217

Delta R.T. 0.25 min

Lab File: VX002644.D

Acq: 16 Jun 2018 13:22

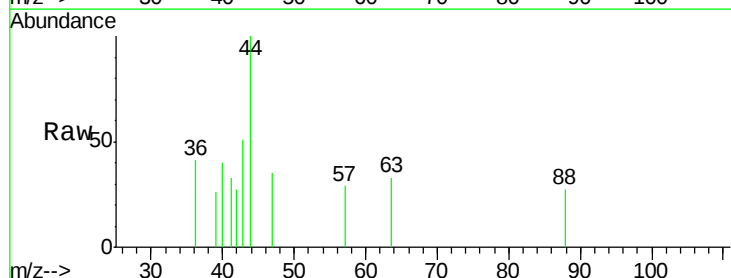
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 1725.0 29.8 44.6#

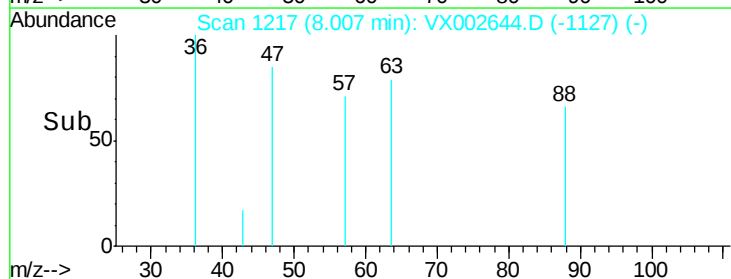
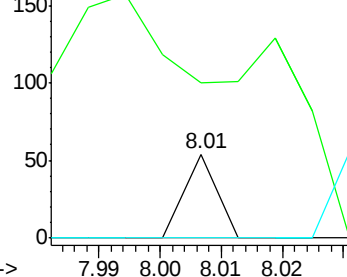
58 0.0 57.1 85.7#

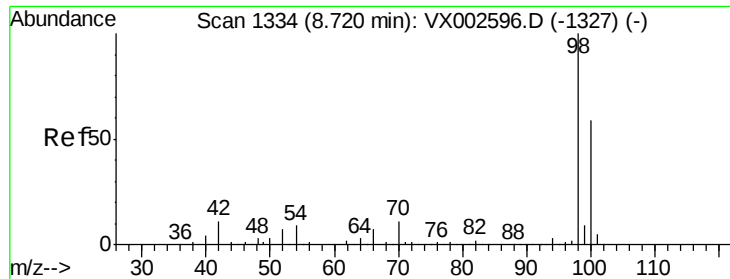


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 47.45 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002644.D

Acq: 16 Jun 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

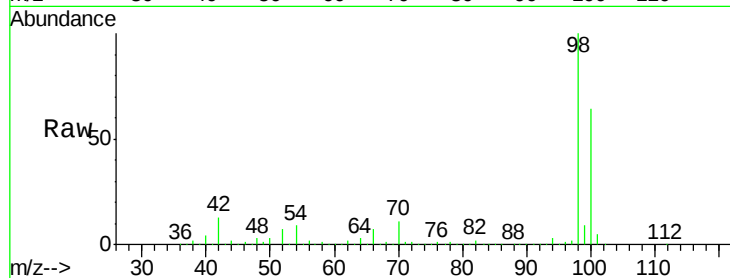
S36-0137

Tot Ion: 98 Resp: 446493

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

300000

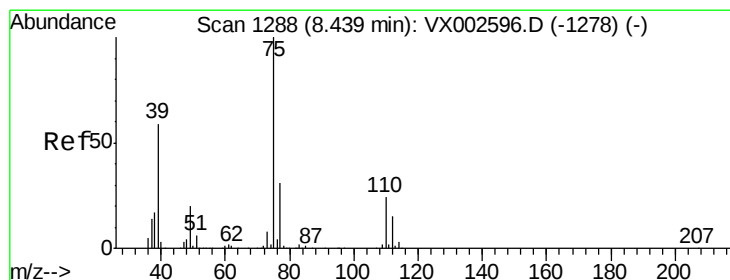
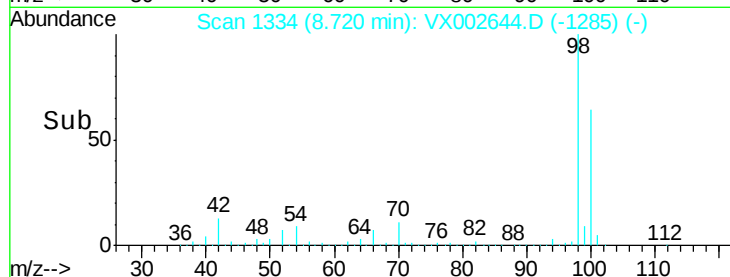
200000

100000

0

Time-->

8.60 8.70 8.80



#53

t-1,3-Dichloropropene

Concen: 2.40 ug/l

RT: 8.33 min Scan# 1270

Delta R.T. -0.11 min

Lab File: VX002644.D

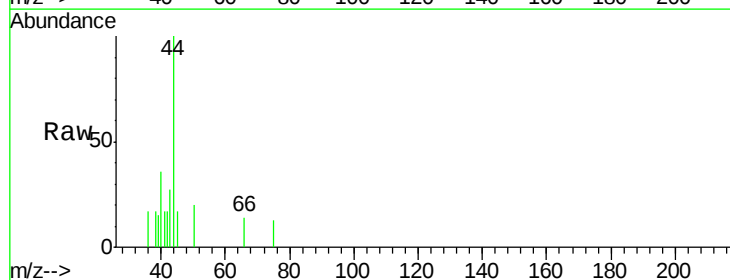
Acq: 16 Jun 2018 13:22

Tgt Ion: 75 Resp: 19

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.33

60

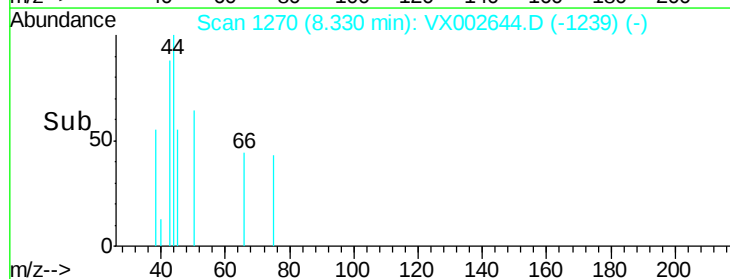
40

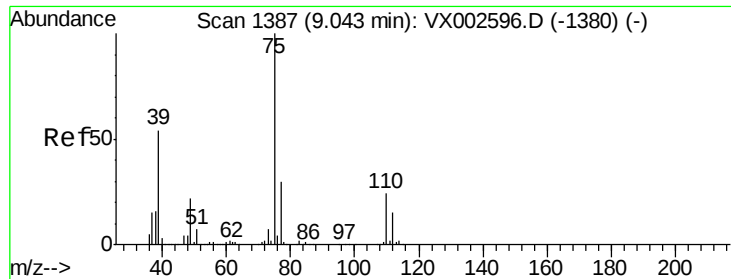
20

0

Time-->

8.31 8.32 8.33 8.34 8.35

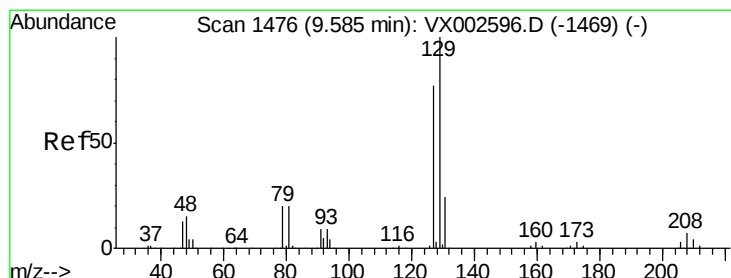
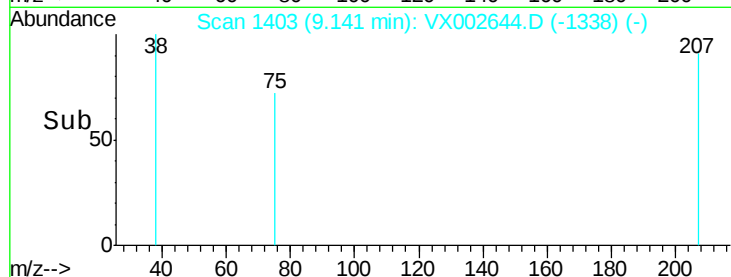
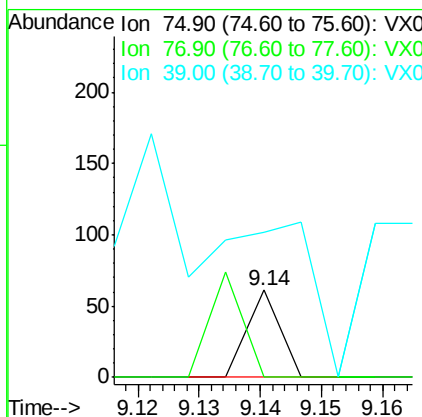
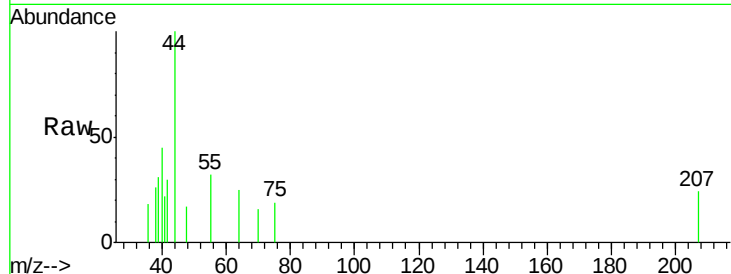




#54
 cis-1,3-Dichloropropene
 Concen: 3.22 ug/l
 RT: 9.14 min Scan# 1403
 Delta R.T. 0.10 min
 Lab File: VX002644.D
 Acq: 16 Jun 2018 13:22

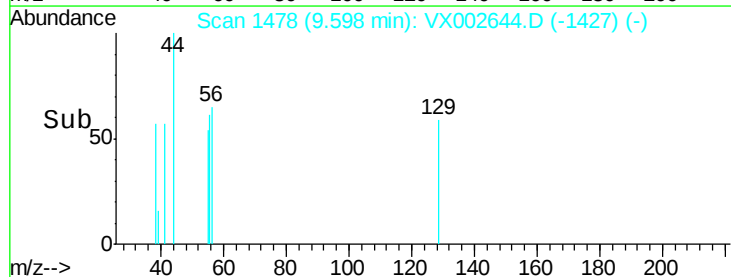
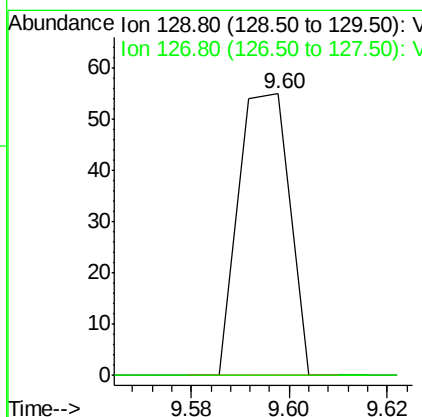
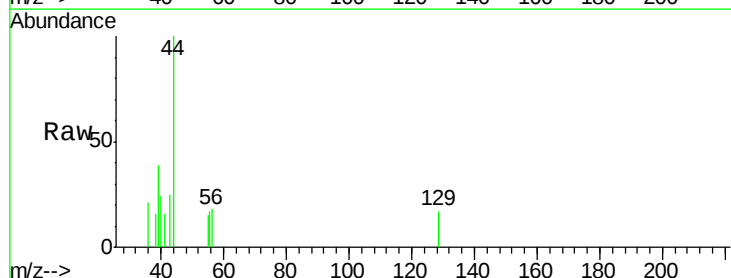
Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0137

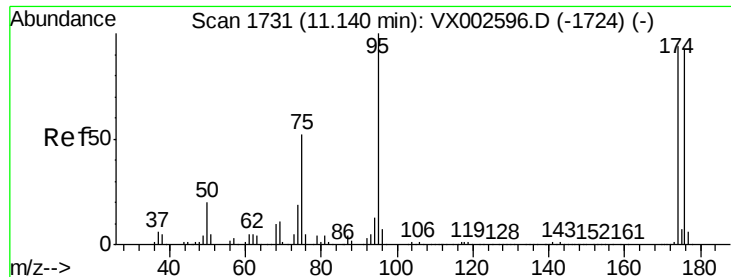
Tot Ion: 75 Resp: 22
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.8 37.2#
 39 167.2 42.4 63.6#



#60
 Dibromochloromethane
 Concen: 3.77 ug/l
 RT: 9.60 min Scan# 1478
 Delta R.T. 0.01 min
 Lab File: VX002644.D
 Acq: 16 Jun 2018 13:22

Tgt Ion: 129 Resp: 40
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.5 115.3#





#62

4-Bromofluorobenzene

Concen: 44.31 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002644.D

Acq: 16 Jun 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

S36-0137

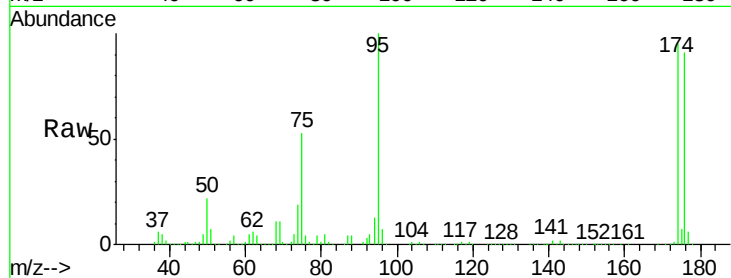
Tot Ion: 95 Resp: 157992

Ion Ratio Lower Upper

95 100

174 97.2 0.0 187.4

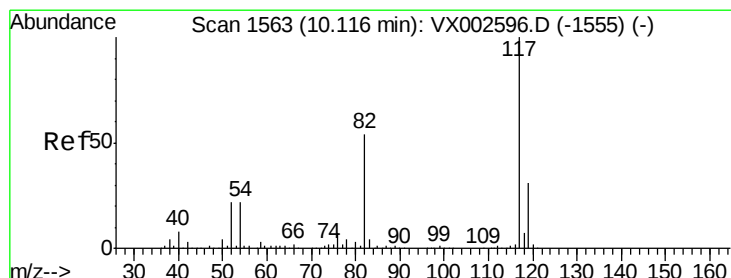
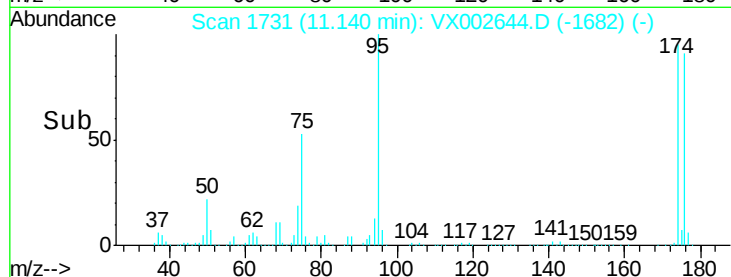
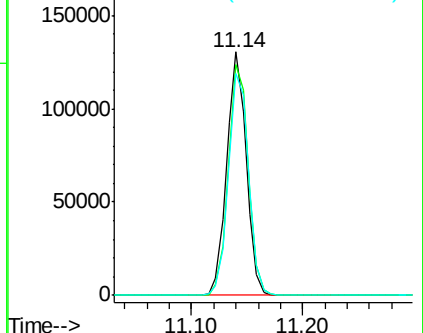
176 94.3 0.0 181.0



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: VX002644.D

Acq: 16 Jun 2018 13:22

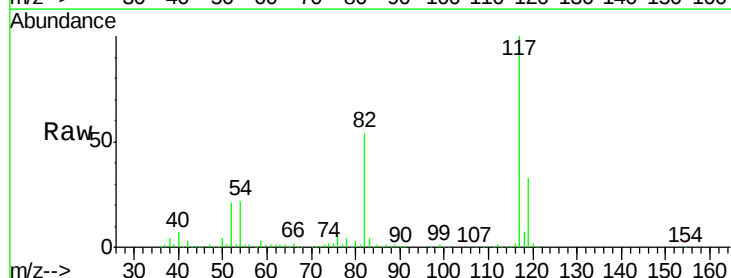
Tgt Ion: 117 Resp: 294343

Ion Ratio Lower Upper

117 100

82 53.7 45.0 67.4

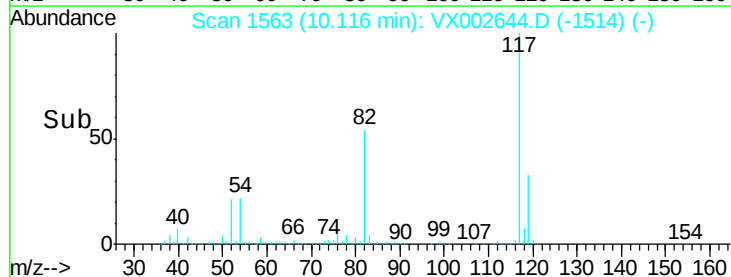
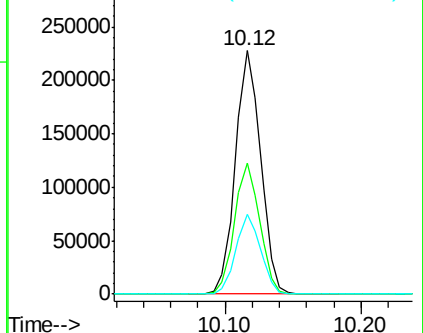
119 32.8 25.8 38.6

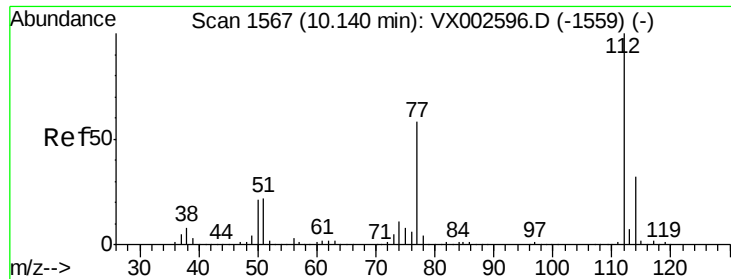


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

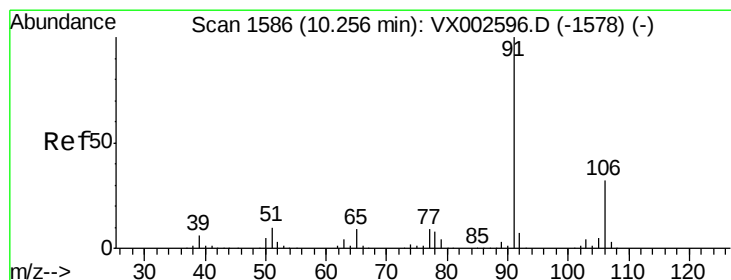
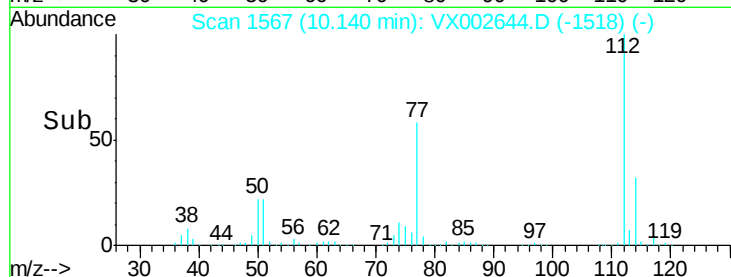
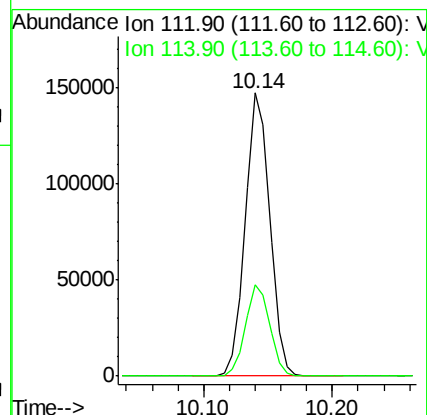
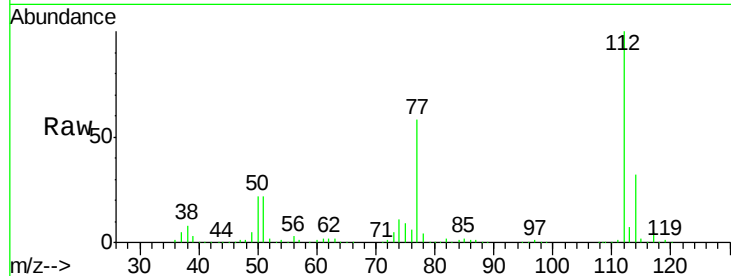




#65
Chlorobenzene
Concen: 26.81 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

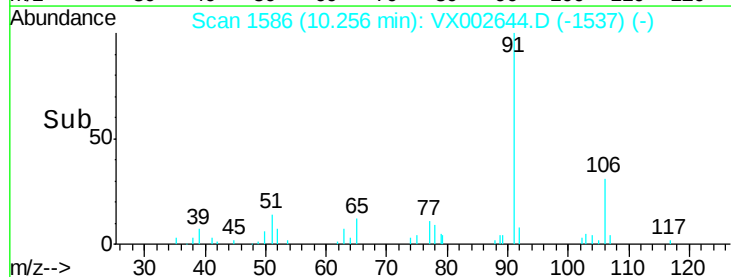
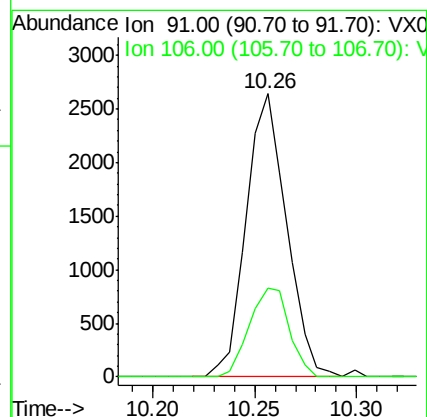
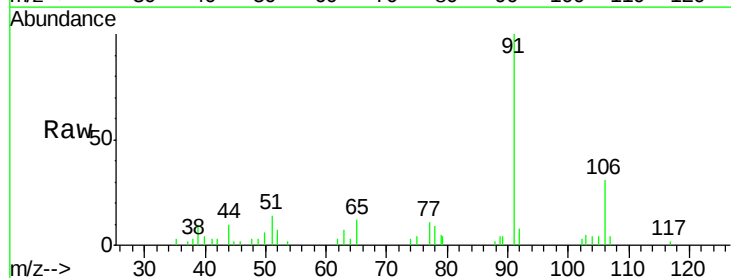
Instrument :
MSVOA_X
ClientSampleId :
S36-0137

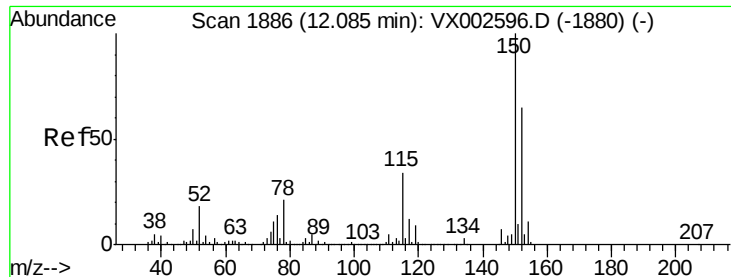
Tot Ion:112 Resp: 193823
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9



#67
Ethyl Benzene
Concen: 0.30 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002644.D
Acq: 16 Jun 2018 13:22

Tgt Ion: 91 Resp: 3640
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002644.D

Acq: 16 Jun 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

S36-0137

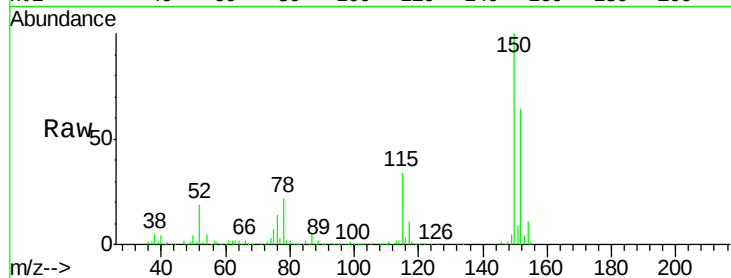
Tot Ion:152 Resp: 170220

Ion Ratio Lower Upper

152 100

115 55.4 40.1 120.2

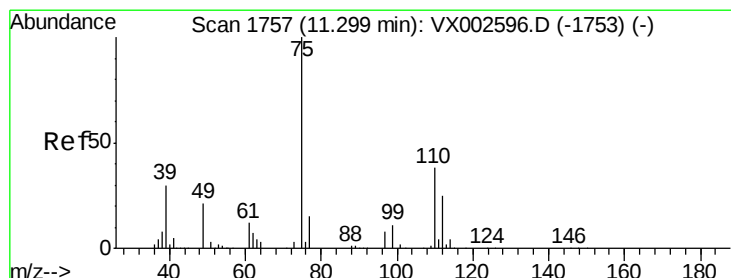
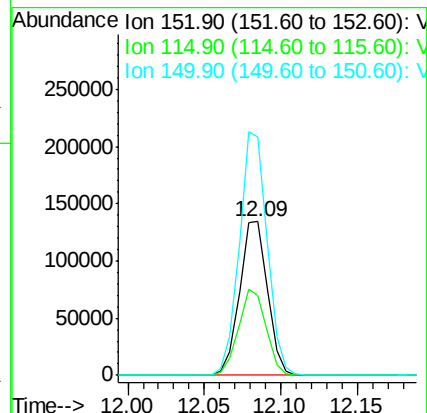
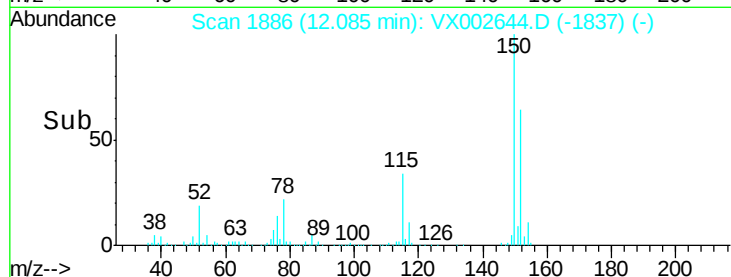
150 157.9 0.0 347.2



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: 26.51 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002644.D

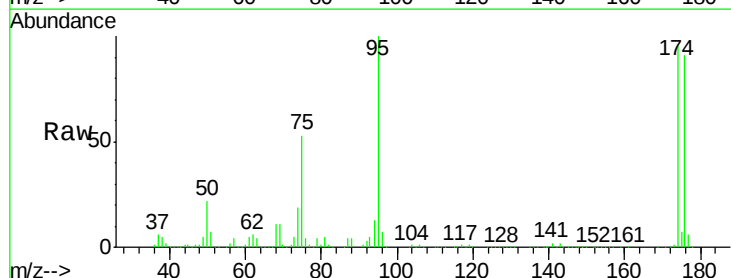
Acq: 16 Jun 2018 13:22

Tgt Ion: 75 Resp: 85150

Ion Ratio Lower Upper

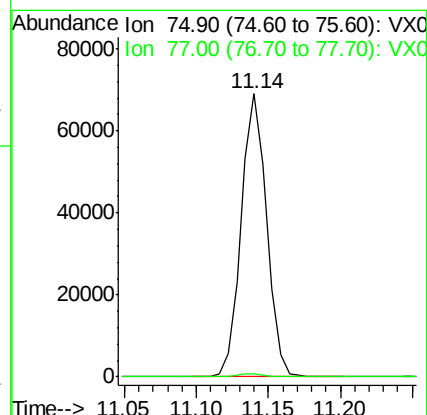
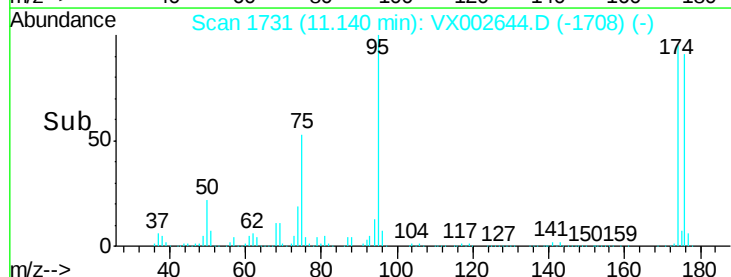
75 100

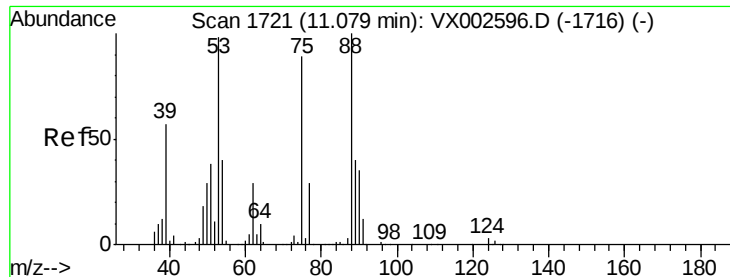
77 1.4 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 81.91 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002644.D

Acq: 16 Jun 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

S36-0137

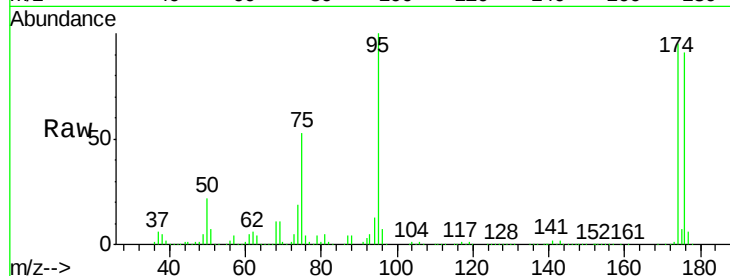
Tot Ion: 75 Resp: 85150

Ion Ratio Lower Upper

75 100

53 0.1 86.8 130.2#

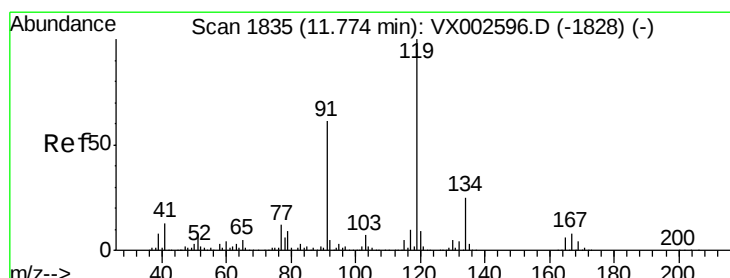
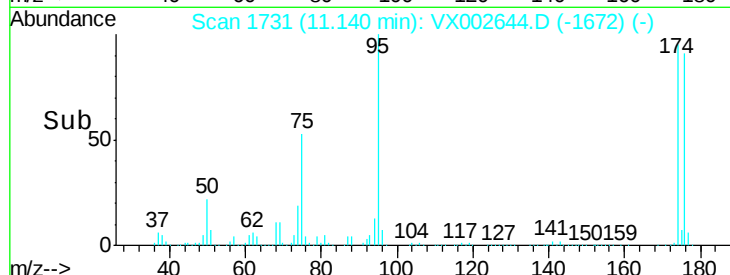
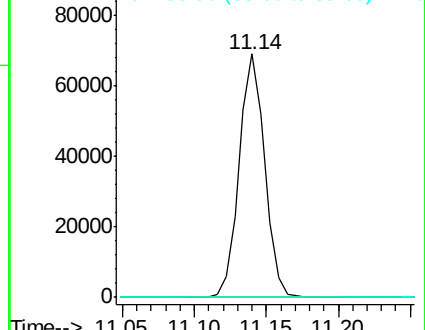
89 0.0 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX002644.D (-1672) (-)

Ion 53.00 (52.70 to 53.70): VX002644.D (-1672) (-)

Ion 88.90 (88.60 to 89.60): VX002644.D (-1672) (-)



#83

tert-Butylbenzene

Concen: 0.23 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX002644.D

Acq: 16 Jun 2018 13:22

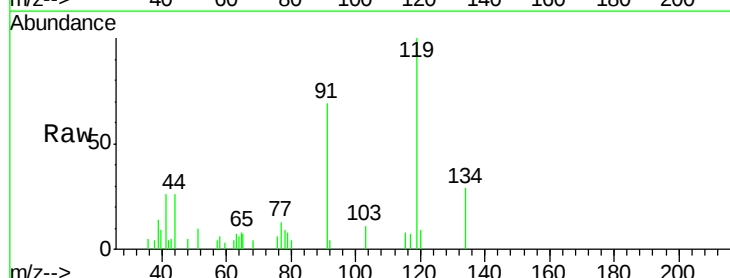
Tgt Ion: 119 Resp: 2103

Ion Ratio Lower Upper

119 100

91 63.1 30.3 90.9

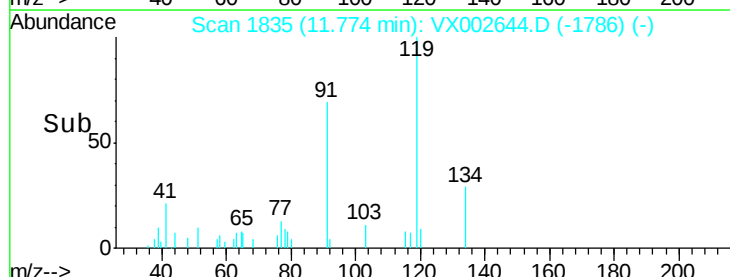
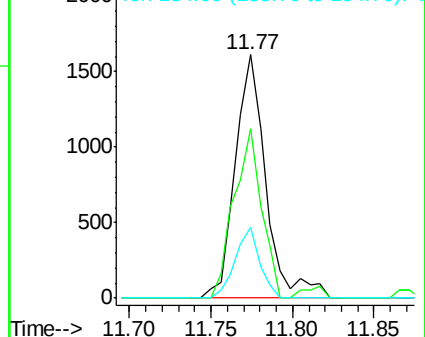
134 23.2 11.7 35.1

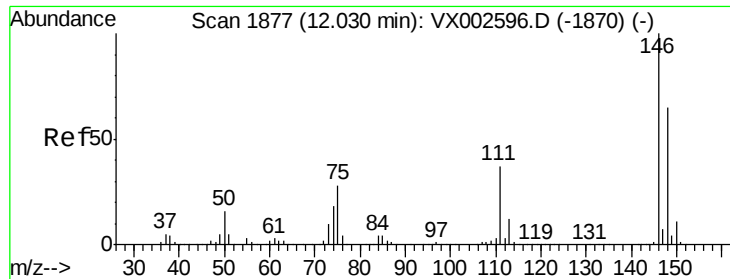


Abundance Ion 119.00 (118.70 to 119.70): VX002644.D (-1786) (-)

Ion 91.00 (90.70 to 91.70): VX002644.D (-1786) (-)

Ion 134.00 (133.70 to 134.70): VX002644.D (-1786) (-)

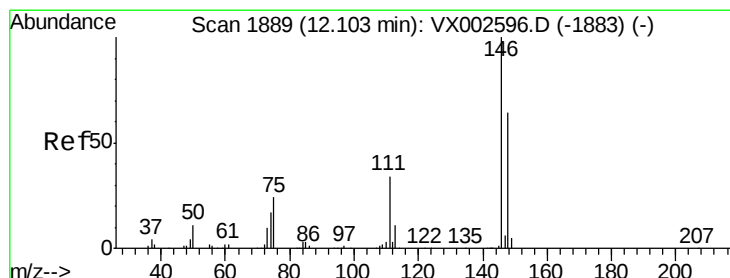
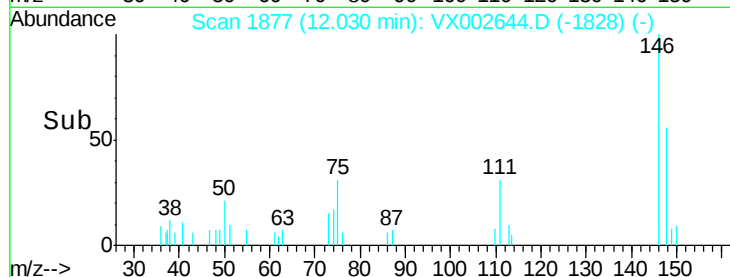
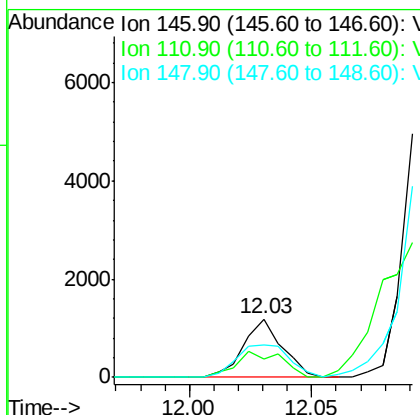
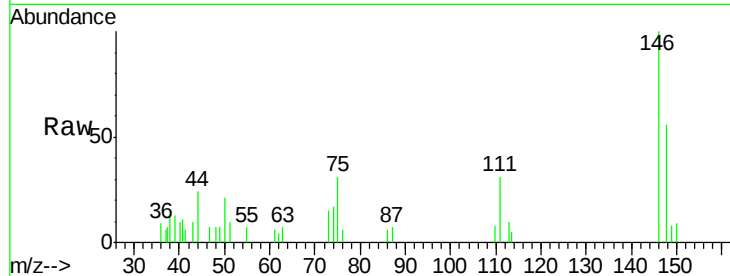




#87
 1,3-Dichlorobenzene
 Concen: 0.23 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002644.D
 Acq: 16 Jun 2018 13:22

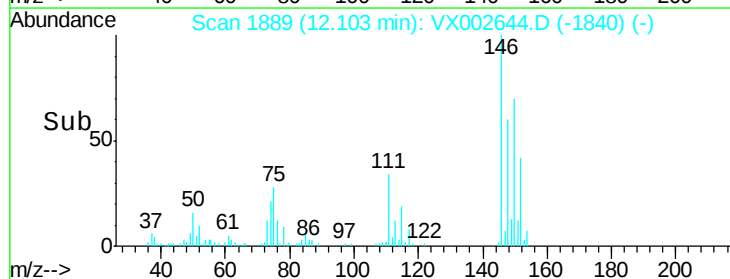
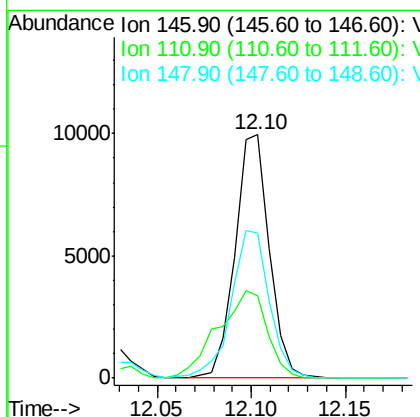
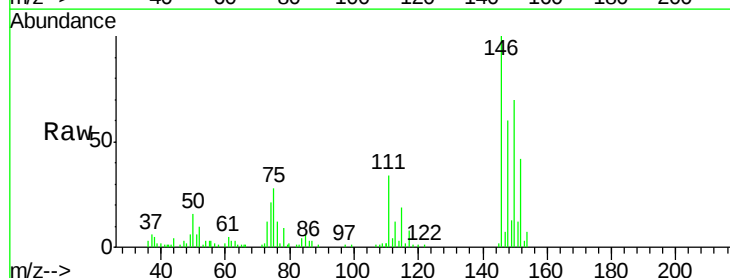
Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0137

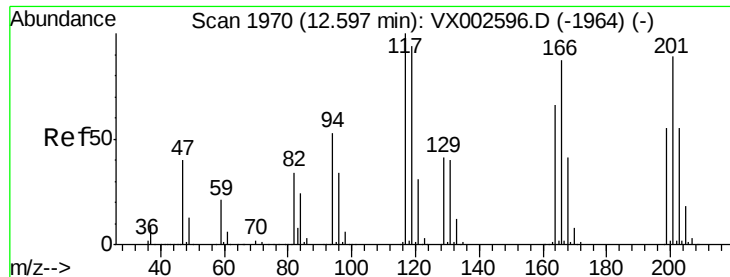
Tot Ion:146 Resp: 1322
 Ion Ratio Lower Upper
 146 100
 111 51.9 18.9 56.7
 148 77.0 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 2.12 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002644.D
 Acq: 16 Jun 2018 13:22

Tgt Ion:146 Resp: 12539
 Ion Ratio Lower Upper
 146 100
 111 51.6 18.7 56.1
 148 67.9 32.4 97.0





#90

Hexachloroethane

Concen: 2.83 ug/l

RT: 12.71 min Scan# 1988

Delta R.T. 0.11 min

Lab File: VX002644.D

Acq: 16 Jun 2018 13:22

Instrument :

MSVOA_X

ClientSampled :

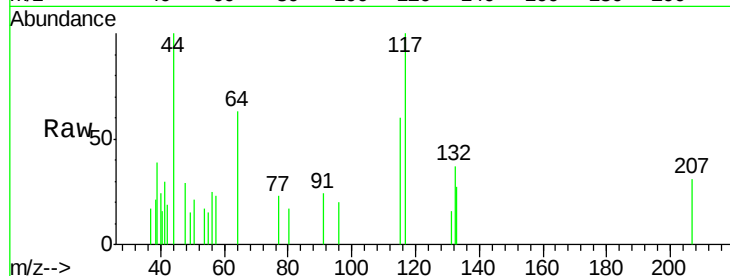
S36-0137

Tot Ion:117 Resp: 350

Ion Ratio Lower Upper

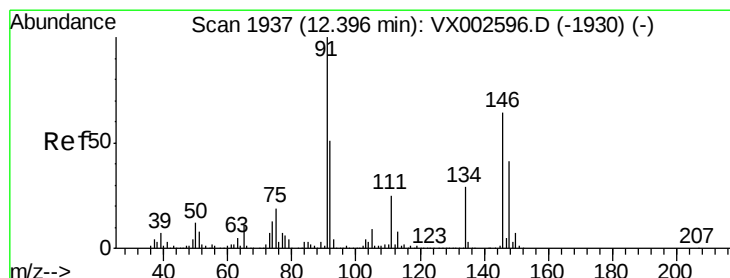
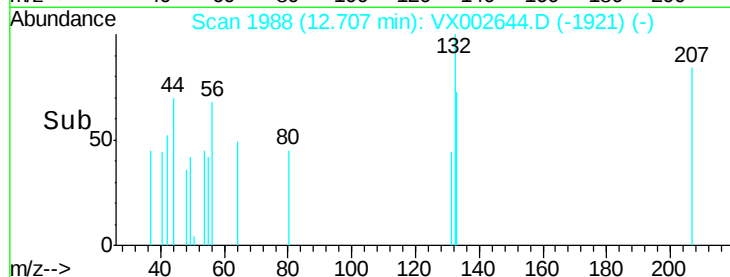
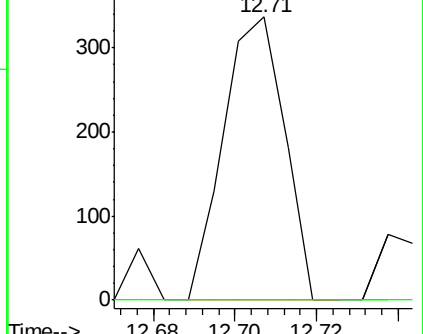
117 100

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



#91

1,2-Dichlorobenzene

Concen: 1.20 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002644.D

Acq: 16 Jun 2018 13:22

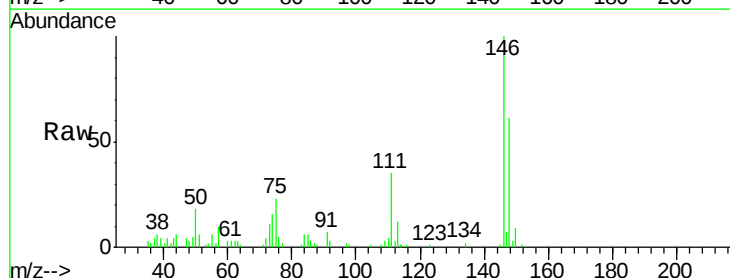
Tgt Ion:146 Resp: 7026

Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.1

148 63.4 31.7 95.1



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

