

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX003020.D
 Acq On : 29 Jun 2018 08:01
 Operator : JC/MD
 Sample : J3720-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23

Quant Time: Jun 29 08:26:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	289130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	403217	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	385132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229061	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	192256	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
35) Dibromofluoromethane	5.51	113	155543	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	8.72	98	570814	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.14	95	212283	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	

Target Compounds

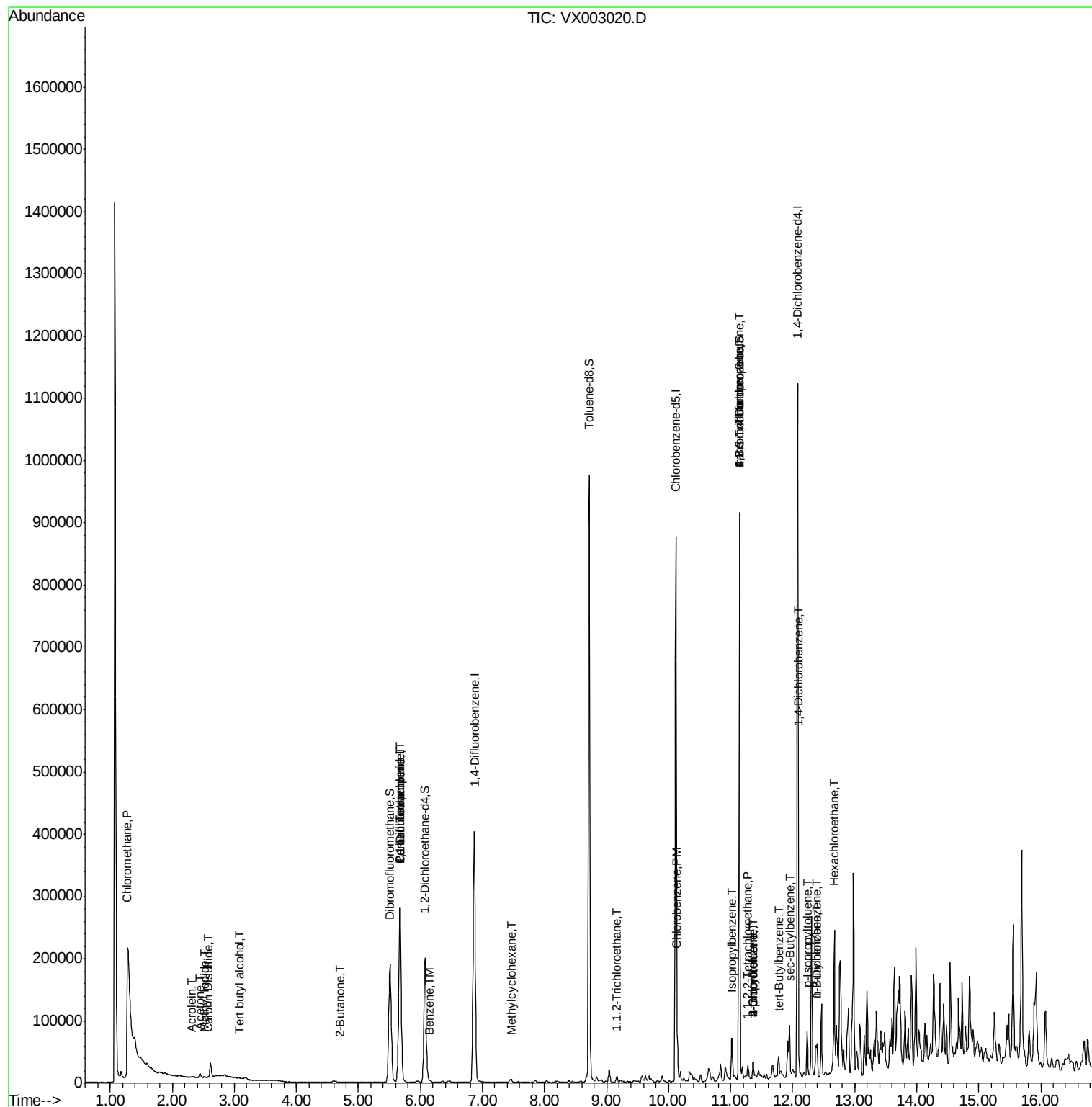
						Qvalue
2) Dichlorodifluoromethane	1.20	85	50	Below Cal	#	43
3) Chloromethane	1.28	50	14681	4.39	ug/l #	43
5) Bromomethane	1.66	94	1772	Below Cal		90
10) Methyl Iodide	2.52	142	1461	6.62	ug/l #	84
11) Tert butyl alcohol	3.08	59	812	1.02	ug/l #	73
13) Acrolein	2.31	56	283	4.86	ug/l #	14
16) Acetone	2.45	43	7289	4.40	ug/l	94
17) Carbon Disulfide	2.58	76	2592	0.34	ug/l	98
25) 2-Butanone	4.71	43	1070	0.44	ug/l #	84
36) 1,1-Dichloropropene	5.67	75	18848	4.26	ug/l #	52
38) Carbon Tetrachloride	5.67	117	26584	5.48	ug/l #	17
39) Methylcyclohexane	7.47	83	1781	0.35	ug/l #	93
40) Benzene	6.15	78	3143	0.24	ug/l	91
55) 1,1,2-Trichloroethane	9.16	97	2766	0.82	ug/l #	20
65) Chlorobenzene	10.14	112	22841	2.33	ug/l	99
73) Isopropylbenzene	11.02	105	34746	2.25	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	1139	0.24	ug/l #	35
76) 1,2,3-Trichloropropane	11.14	75	109714	26.44	ug/l #	33
78) n-propylbenzene	11.37	91	17243	0.98	ug/l	100
79) 2-Chlorotoluene	11.37	91	17243	1.62	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.14	75	109714	74.92	ug/l #	6
82) 4-Chlorotoluene	11.37	91	17243	1.37	ug/l #	44
83) tert-Butylbenzene	11.77	119	11902	0.93	ug/l	86
85) sec-Butylbenzene	11.95	105	39362	2.54	ug/l	95
86) p-Isopropyltoluene	12.24	119	31728	2.27	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	4500	0.55	ug/l #	42
89) n-Butylbenzene	12.39	91	7594	0.63	ug/l	89
90) Hexachloroethane	12.67	117	11075	5.34	ug/l #	1
91) 1,2-Dichlorobenzene	12.40	146	7983	0.99	ug/l	96

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

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QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003020.D

Acq: 29 Jun 2018 08:01

Instrument :

MSVOA_X

ClientSampleId :

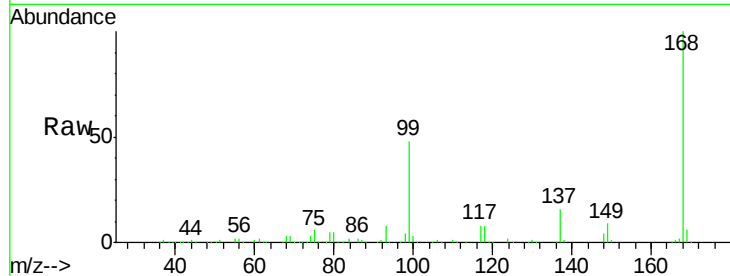
MW-23

Tot Ion:168 Resp: 289130

Ion Ratio Lower Upper

168 100

99 48.0 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

100000

80000

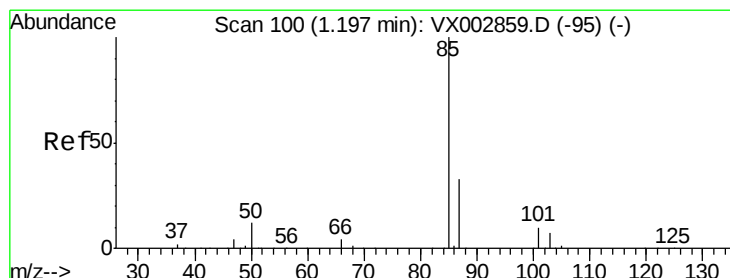
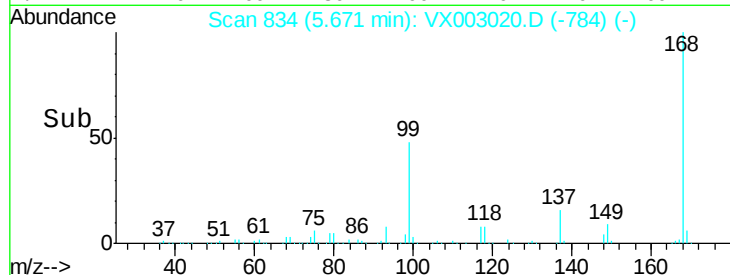
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003020.D

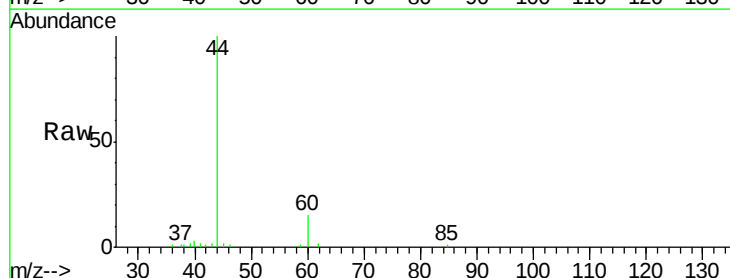
Acq: 29 Jun 2018 08:01

Tgt Ion: 85 Resp: 50

Ion Ratio Lower Upper

85 100

87 0.0 16.0 47.9#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80

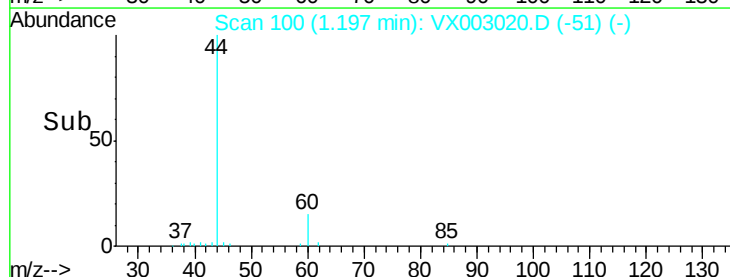
60

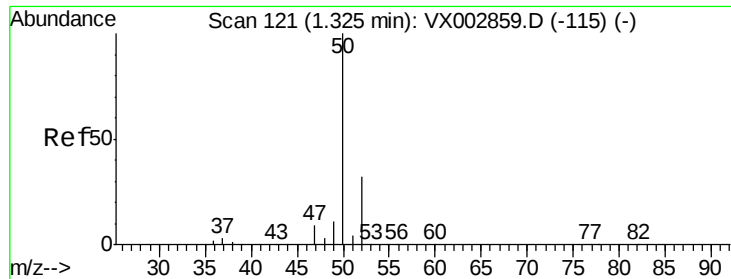
40

20

0

Time--> 1.18 1.19 1.20 1.21 1.22





#3

Chloromethane

Concen: 4.39 ug/l

RT: 1.28 min Scan# 113

Delta R.T. -0.05 min

Lab File: VX003020.D

Acq: 29 Jun 2018 08:01

Instrument :

MSVOA_X

ClientSampled :

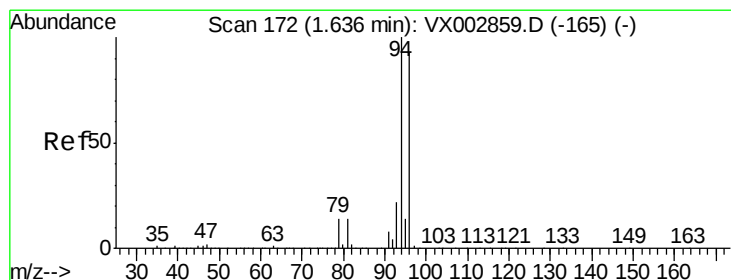
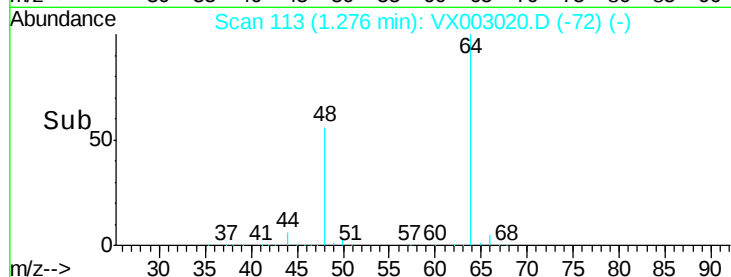
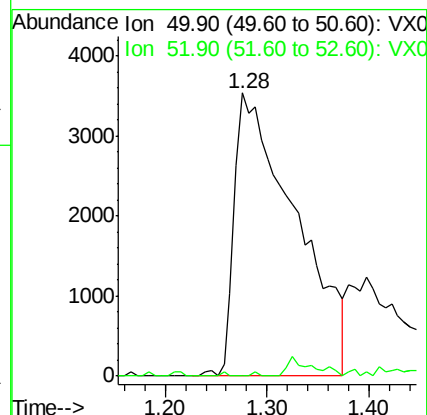
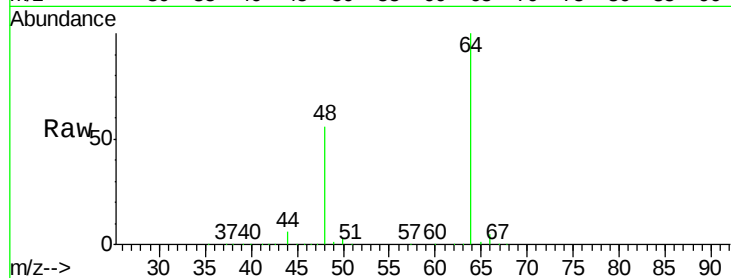
MW-23

Tot Ion: 50 Resp: 14681

Ion Ratio Lower Upper

50 100

52 0.0 25.7 38.5#



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX003020.D

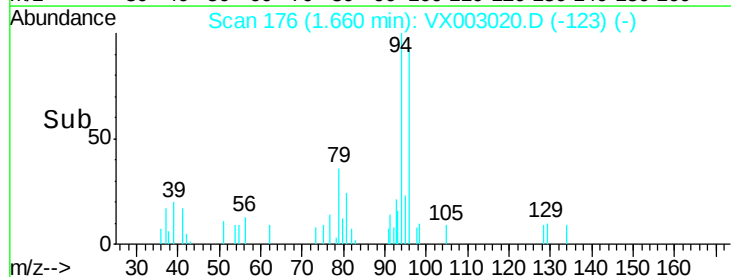
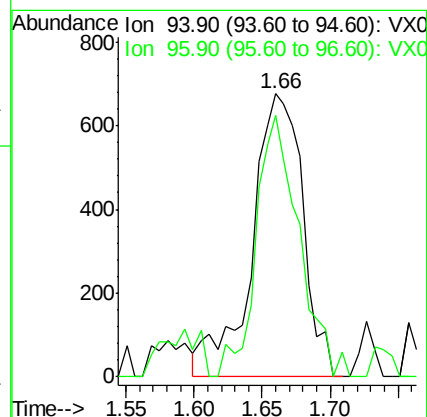
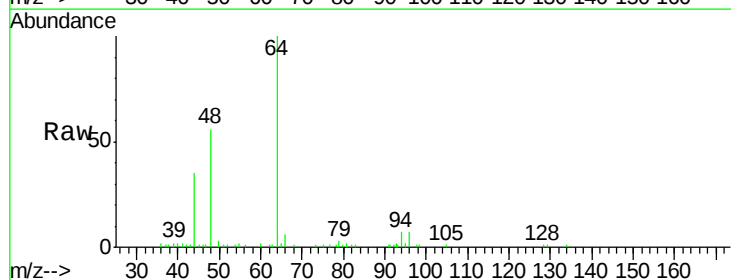
Acq: 29 Jun 2018 08:01

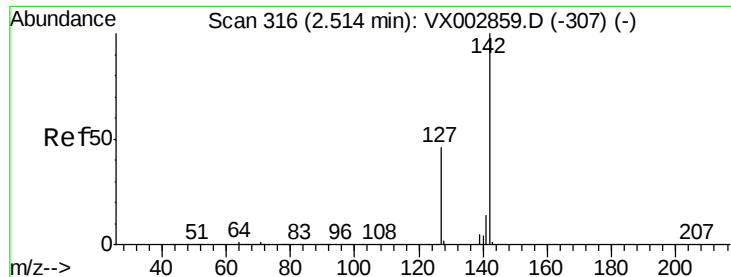
Tgt Ion: 94 Resp: 1772

Ion Ratio Lower Upper

94 100

96 83.6 74.9 112.3

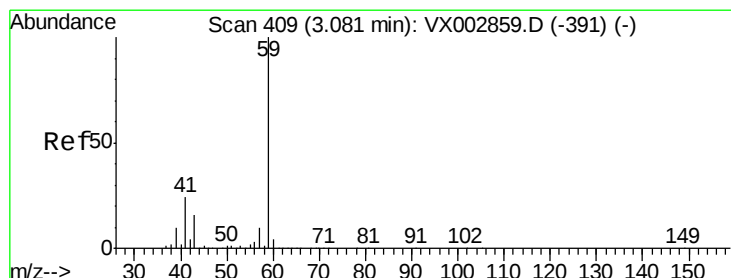
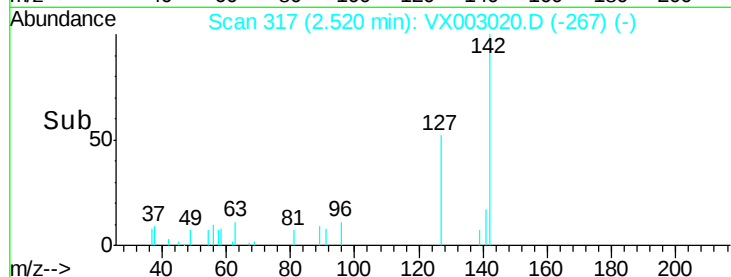
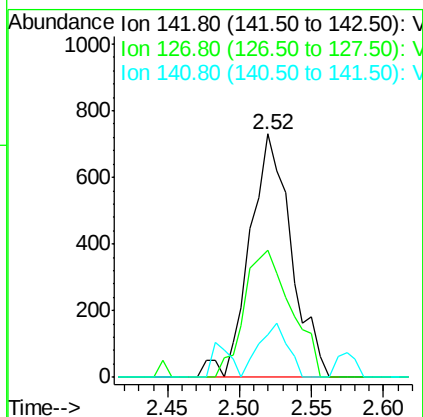
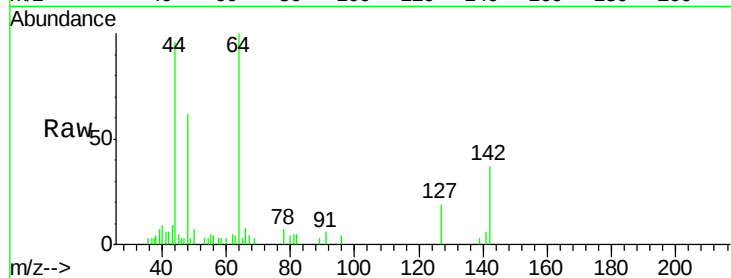




#10
Methyl Iodide
Concen: 6.62 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003020.D
Acq: 29 Jun 2018 08:01

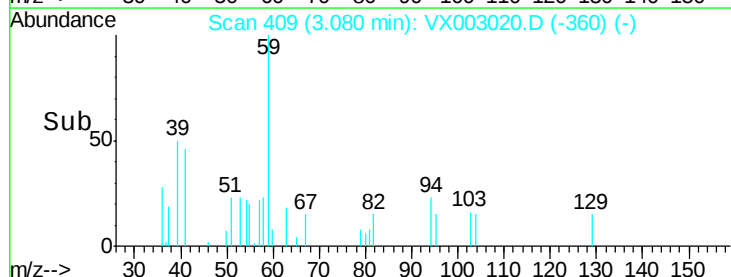
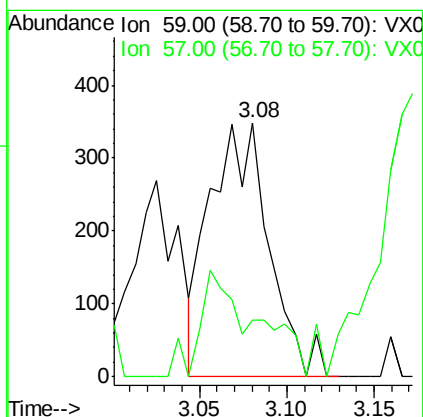
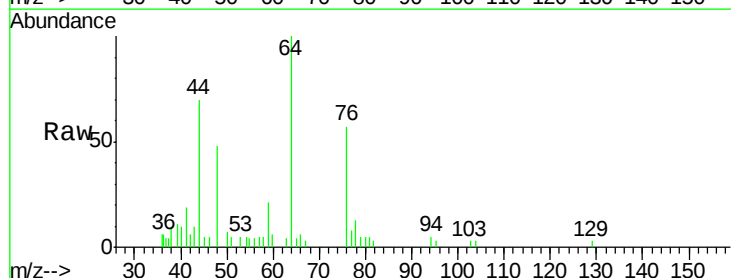
Instrument :
MSVOA_X
ClientSampled :
MW-23

Tot Ion:142 Resp: 1461
Ion Ratio Lower Upper
142 100
127 58.9 36.6 55.0#
141 15.3 11.3 16.9



#11
Tert butyl alcohol
Concen: 1.02 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX003020.D
Acq: 29 Jun 2018 08:01

Tgt Ion: 59 Resp: 812
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#13

Acrolein

Concen: 4.86 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX003020.D

Acq: 29 Jun 2018 08:01

Instrument :

MSVOA_X

ClientSampled :

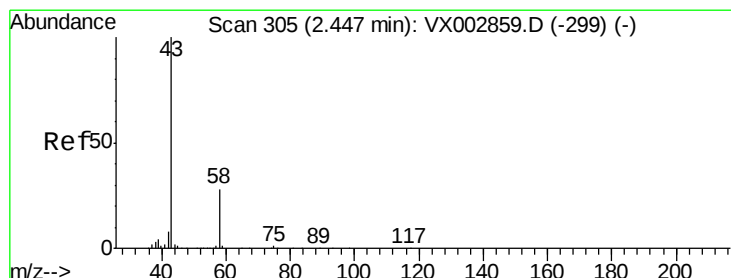
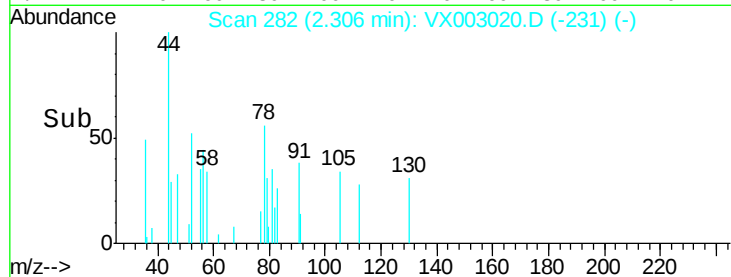
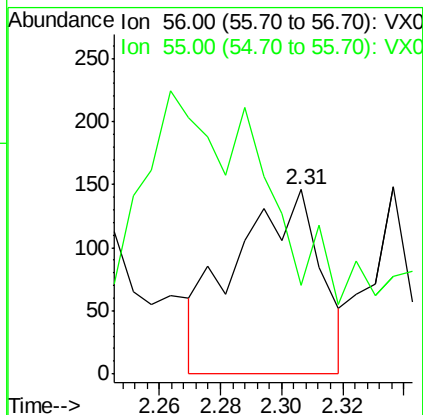
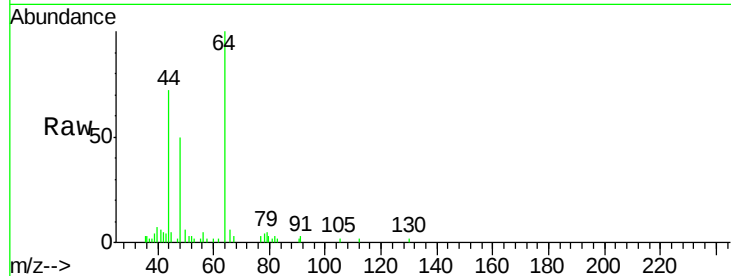
MW-23

Tot Ion: 56 Resp: 283

Ion Ratio Lower Upper

56 100

55 0.0 57.0 85.4#



#16

Acetone

Concen: 4.40 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003020.D

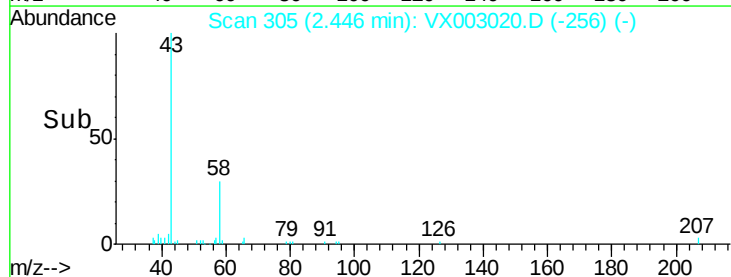
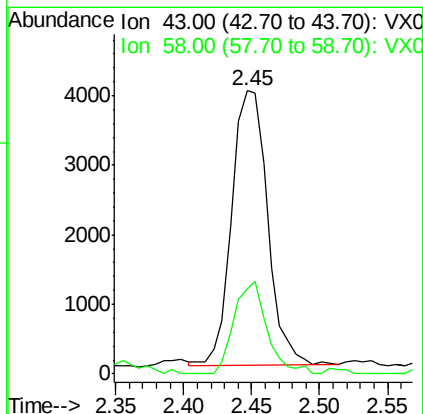
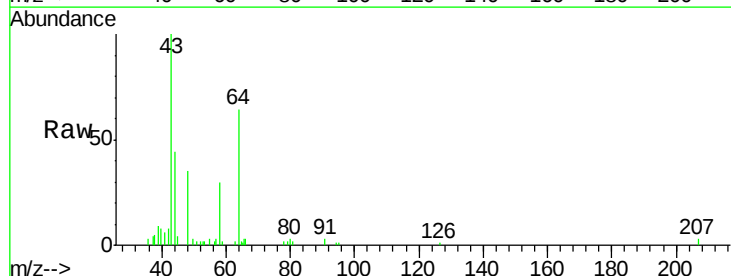
Acq: 29 Jun 2018 08:01

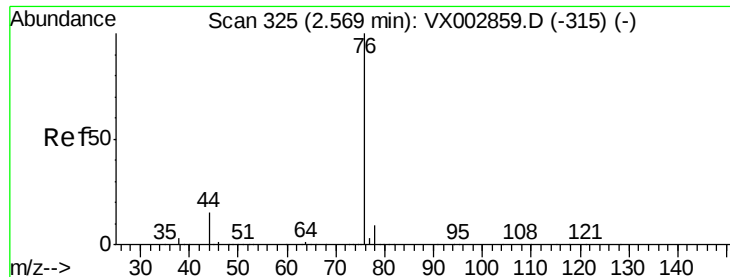
Tgt Ion: 43 Resp: 7289

Ion Ratio Lower Upper

43 100

58 30.9 22.1 33.1

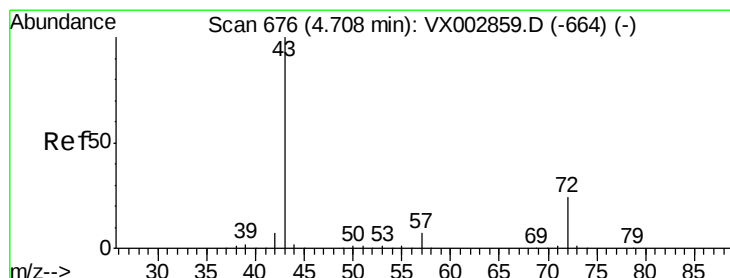
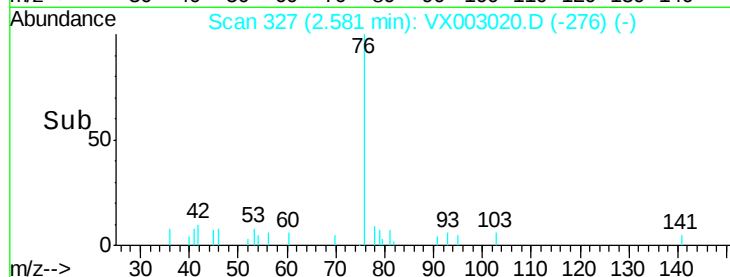
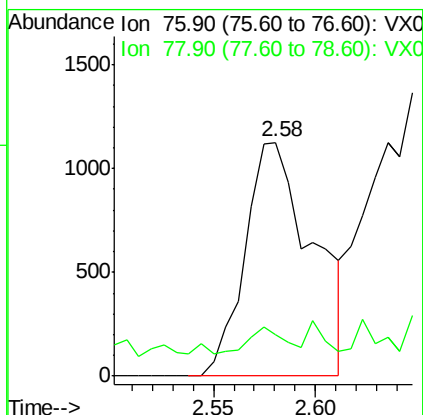
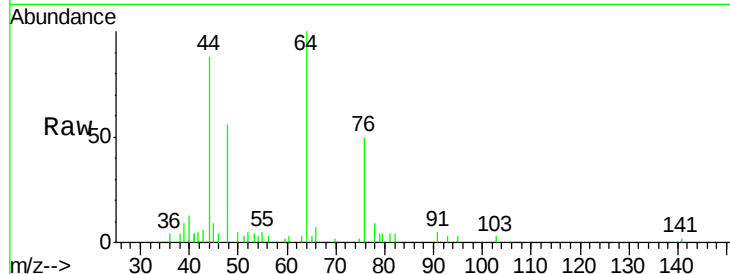




#17
Carbon Disulfide
Concen: 0.34 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX003020.D
Acq: 29 Jun 2018 08:01

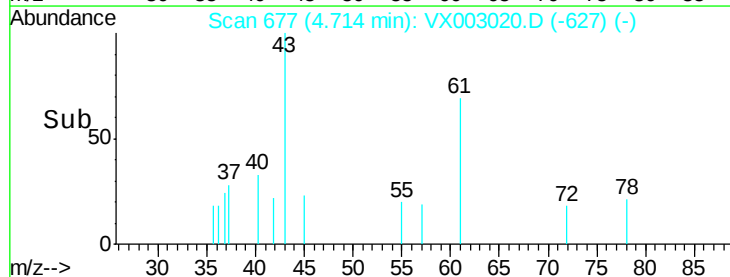
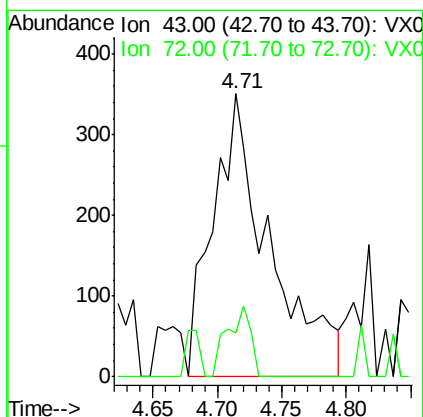
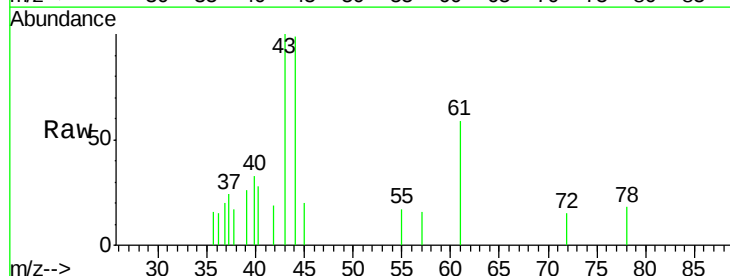
Instrument :
MSVOA_X
ClientSampled :
MW-23

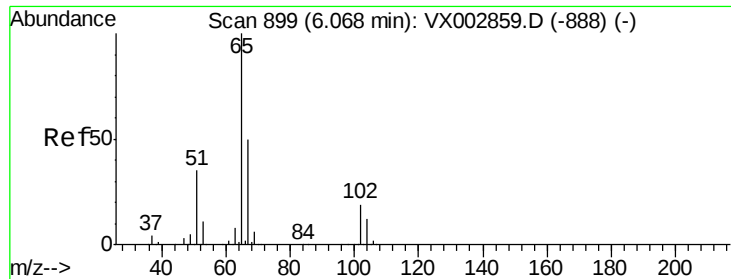
Tot Ion: 76 Resp: 2592
Ion Ratio Lower Upper
76 100
78 7.8 6.9 10.3



#25
2-Butanone
Concen: 0.44 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX003020.D
Acq: 29 Jun 2018 08:01

Tgt Ion: 43 Resp: 1070
Ion Ratio Lower Upper
43 100
72 15.4 18.5 27.7#





#33

1,2-Dichloroethane-d4

Concen: 48.11 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003020.D

Acq: 29 Jun 2018 08:01

Instrument :

MSVOA_X

ClientSampleId :

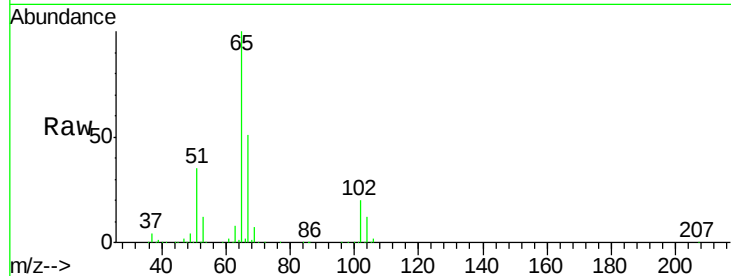
MW-23

Tot Ion: 65 Resp: 192256

Ion Ratio Lower Upper

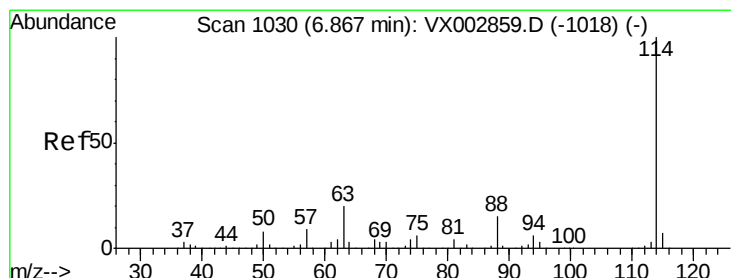
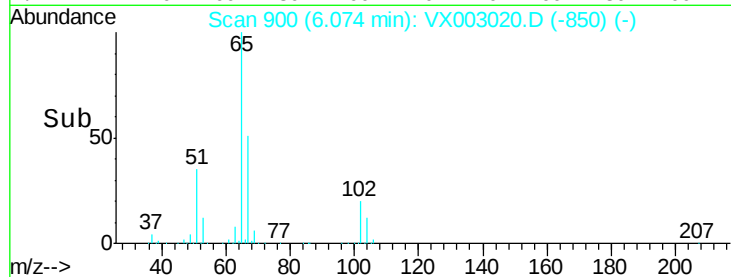
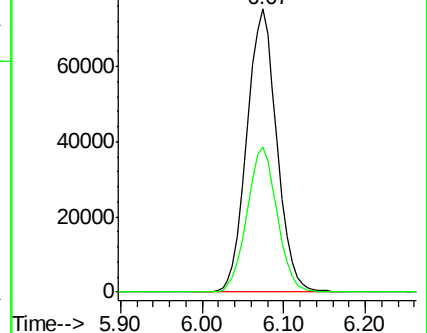
65 100

67 51.4 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: VX003020.D

Acq: 29 Jun 2018 08:01

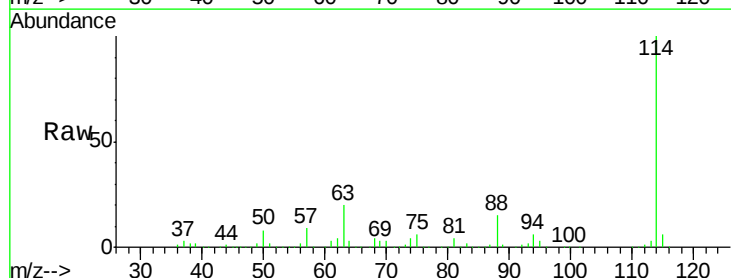
Tgt Ion: 114 Resp: 403217

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

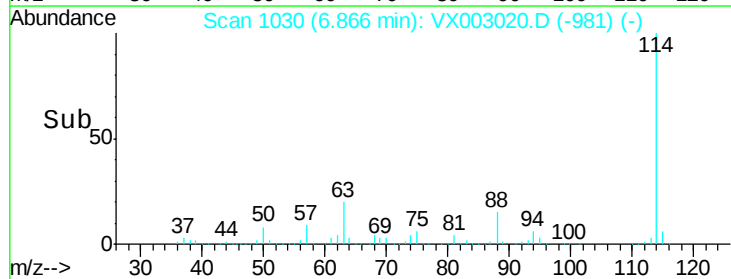
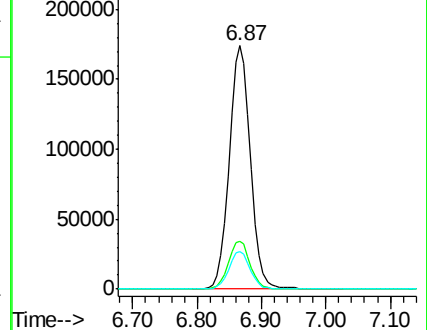
88 15.3 0.0 30.0

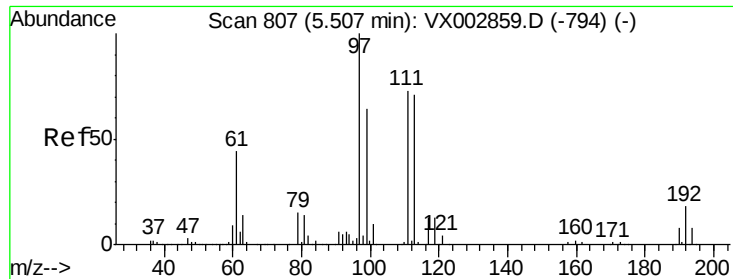


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.71 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003020.D

Acq: 29 Jun 2018 08:01

Instrument :

MSVOA_X

ClientSampled :

MW-23

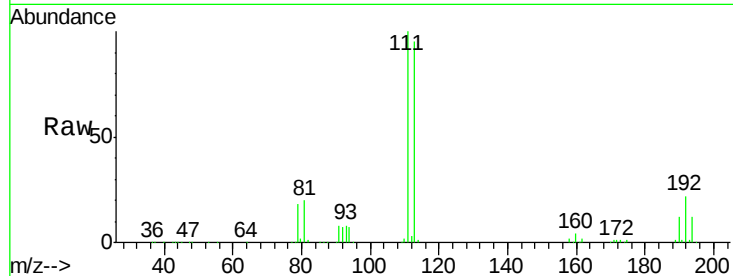
Tot Ion:113 Resp: 155543

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

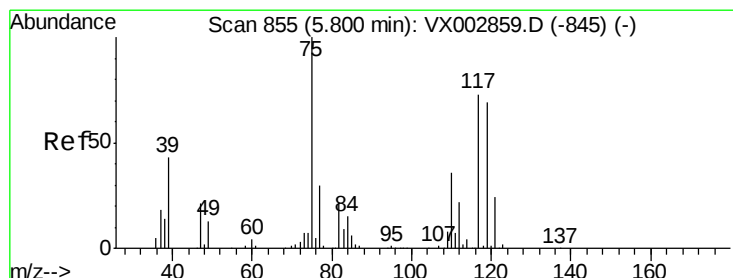
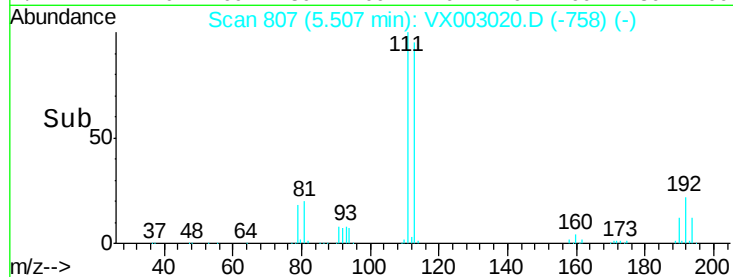
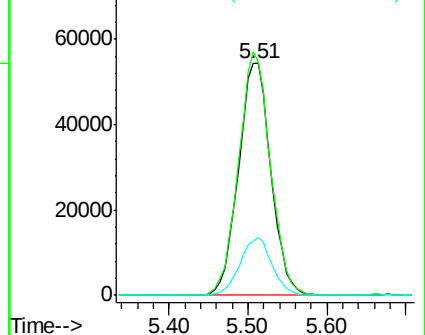
192 24.4 19.1 28.7



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: 4.26 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX003020.D

Acq: 29 Jun 2018 08:01

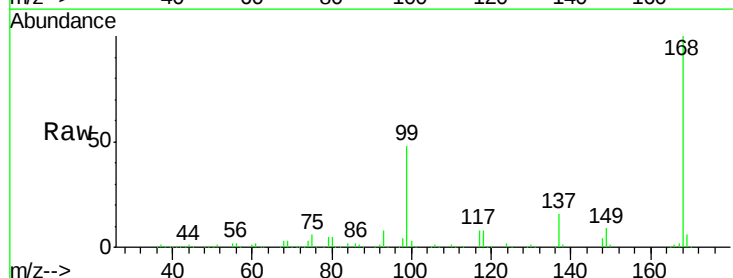
Tgt Ion: 75 Resp: 18848

Ion Ratio Lower Upper

75 100

110 11.2 18.1 54.4#

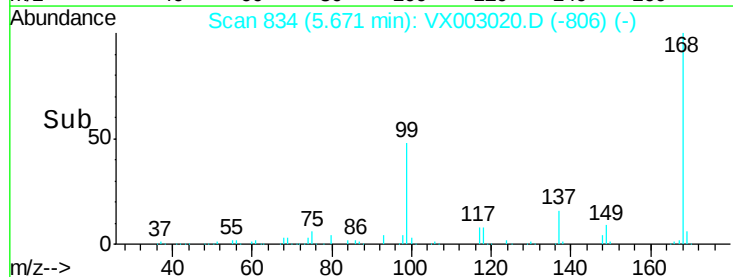
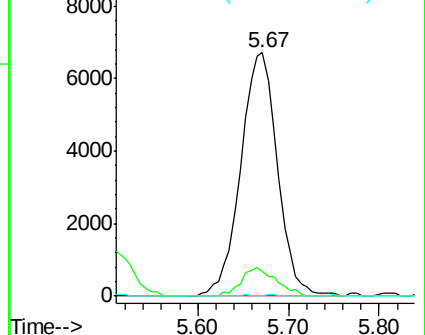
77 0.2 24.3 36.5#

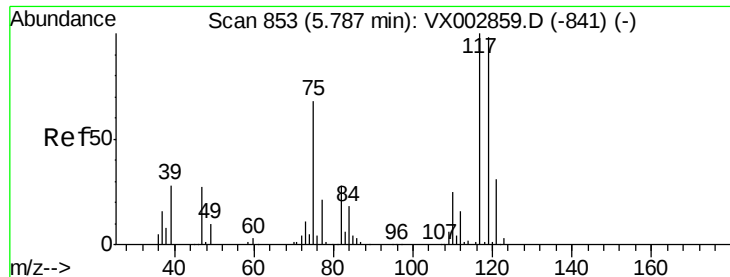


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.48 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003020.D

Acq: 29 Jun 2018 08:01

Instrument :

MSVOA_X

ClientSampled :

MW-23

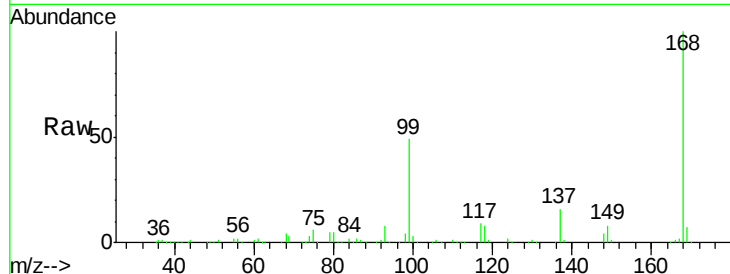
Tot Ion:117 Resp: 26584

Ion Ratio Lower Upper

117 100

119 6.4 77.4 116.0#

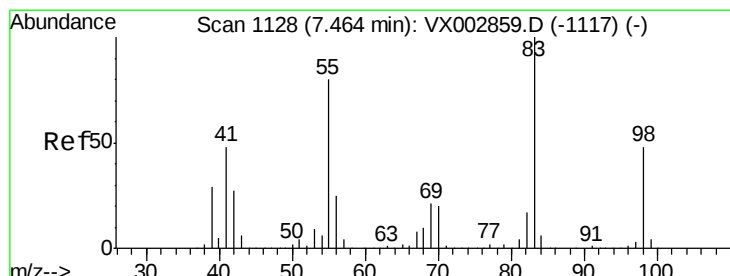
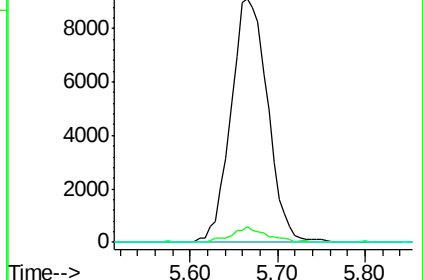
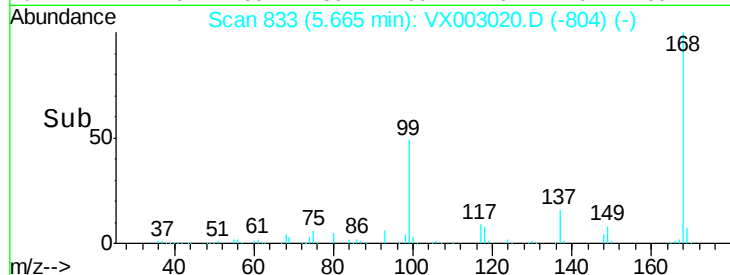
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.35 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VX003020.D

Acq: 29 Jun 2018 08:01

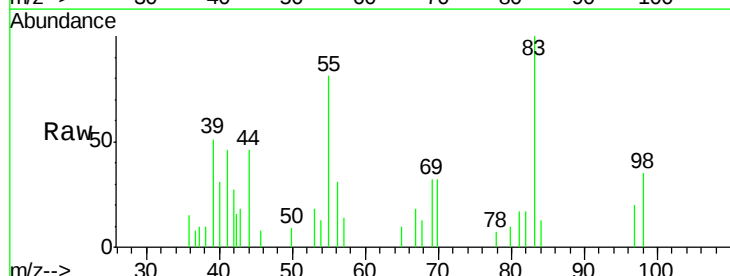
Tgt Ion: 83 Resp: 1781

Ion Ratio Lower Upper

83 100

55 80.7 65.4 98.0

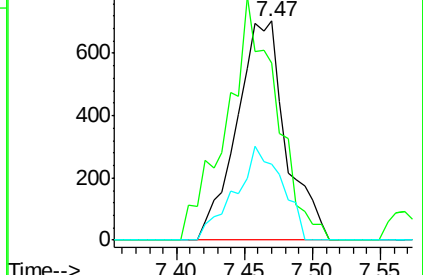
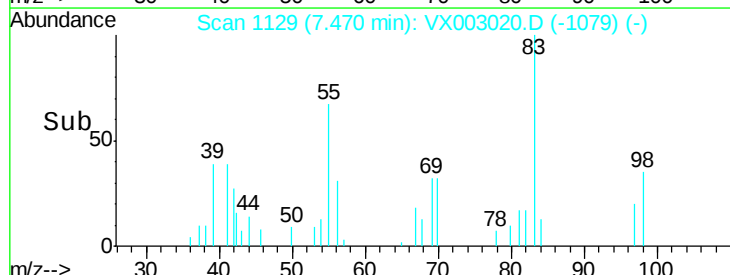
98 34.9 37.4 56.0#

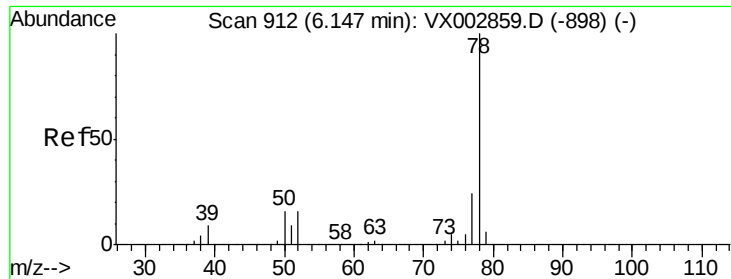


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.24 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX003020.D

Acq: 29 Jun 2018 08:01

Instrument :

MSVOA_X

ClientSampled :

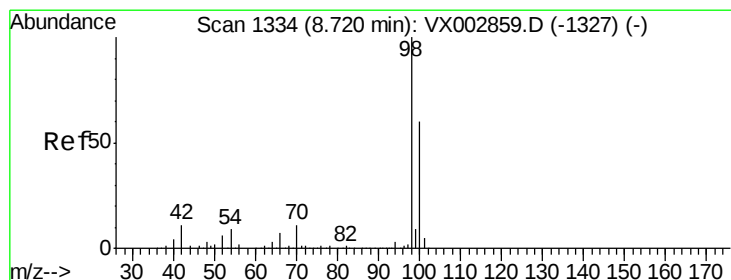
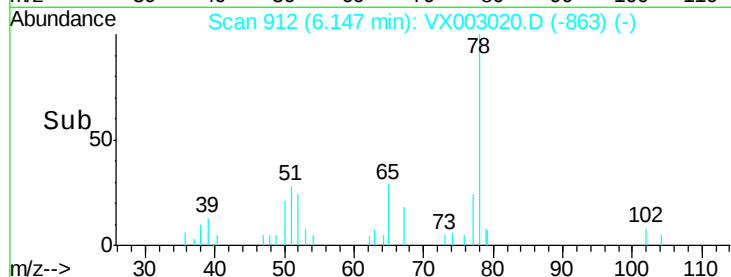
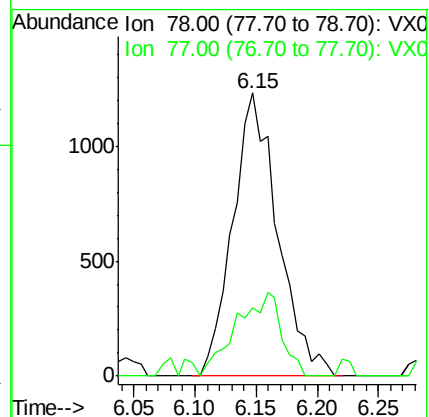
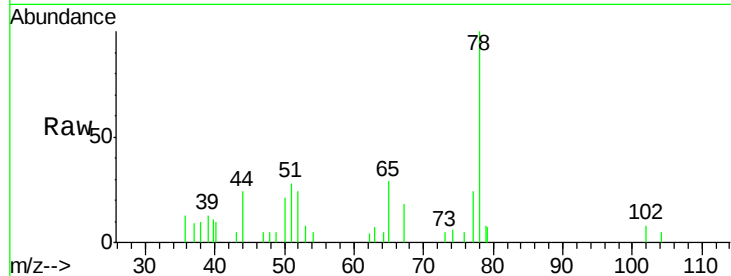
MW-23

Tot Ion: 78 Resp: 3143

Ion Ratio Lower Upper

78 100

77 19.3 19.1 28.7



#50

Toluene-d8

Concen: 48.95 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003020.D

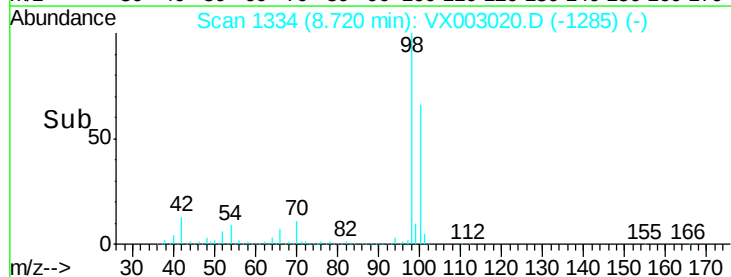
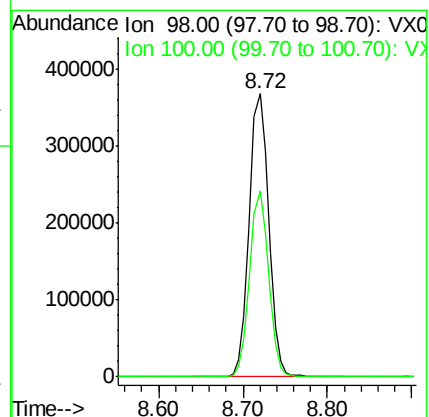
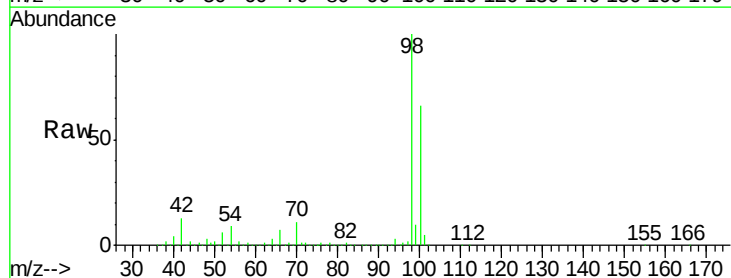
Acq: 29 Jun 2018 08:01

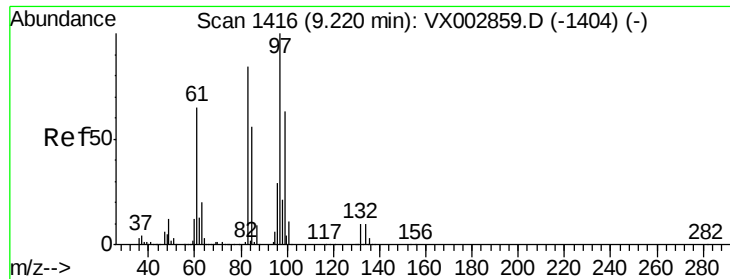
Tgt Ion: 98 Resp: 570814

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3





#55

1,1,2-Trichloroethane

Concen: 0.82 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.06 min

Lab File: VX003020.D

Acq: 29 Jun 2018 08:01

Instrument :

MSVOA_X

ClientSampleId :

MW-23

Tot Ion: 97 Resp: 2766

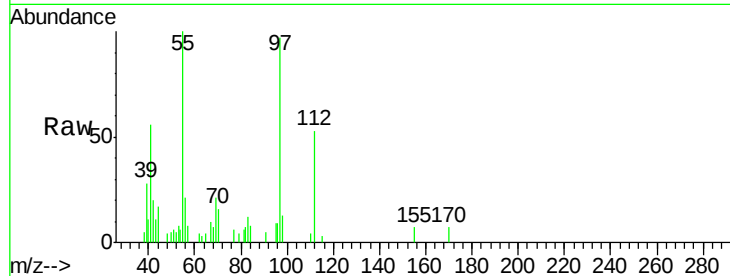
Ion Ratio Lower Upper

97 100

83 12.7 70.2 105.2#

85 0.0 44.9 67.3#

99 0.0 49.8 74.8#

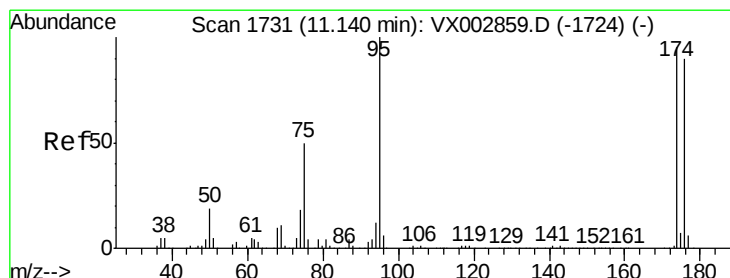
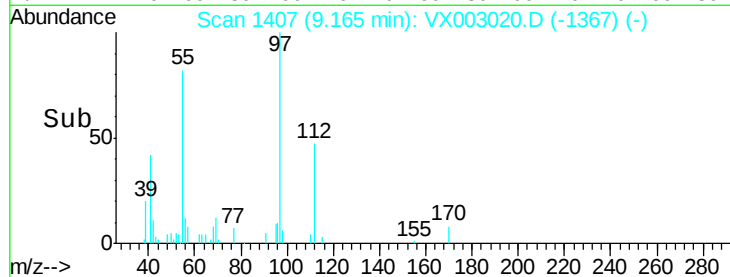
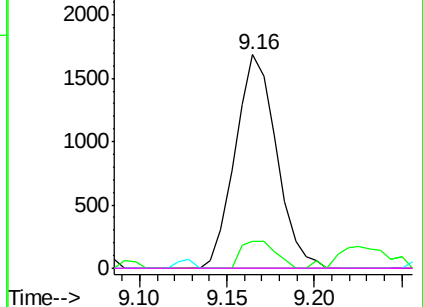


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#62

4-Bromofluorobenzene

Concen: 47.21 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003020.D

Acq: 29 Jun 2018 08:01

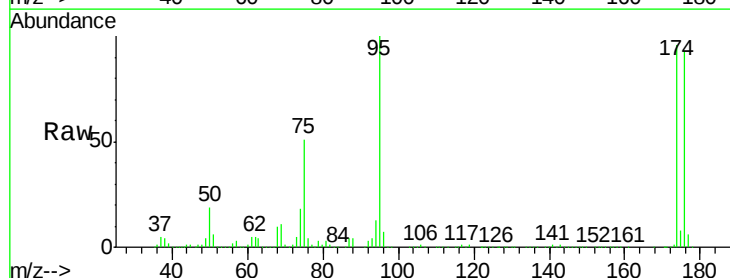
Tgt Ion: 95 Resp: 212283

Ion Ratio Lower Upper

95 100

174 97.5 0.0 187.4

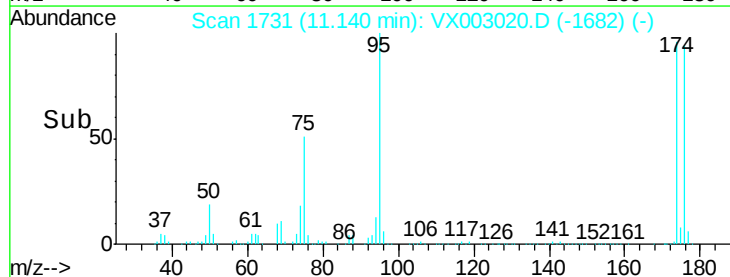
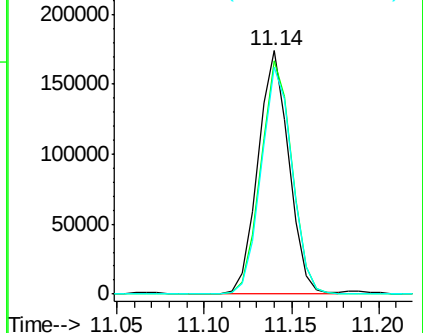
176 94.7 0.0 181.0

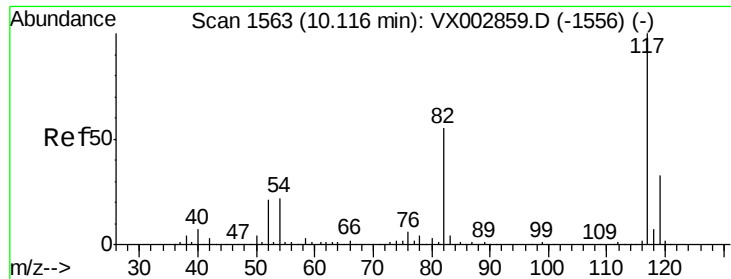


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

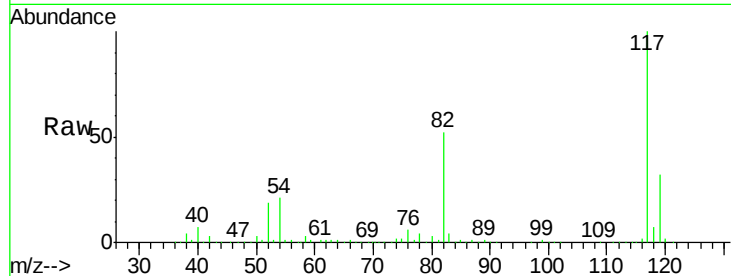




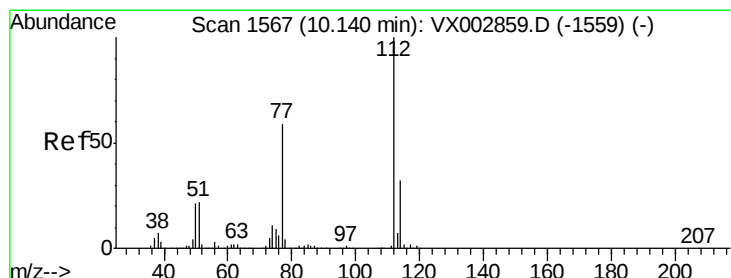
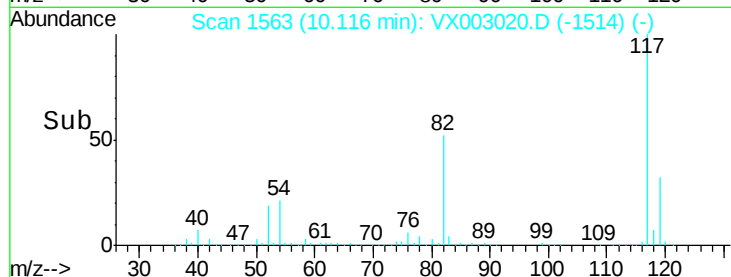
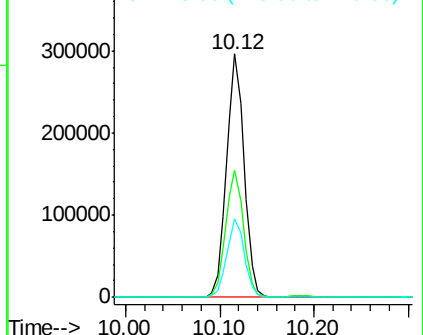
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003020.D
Acq: 29 Jun 2018 08:01

Instrument :
MSVOA_X
ClientSampleId :
MW-23

Tot Ion:117 Resp: 385132
Ion Ratio Lower Upper
117 100
82 52.1 45.0 67.4
119 32.2 25.8 38.6

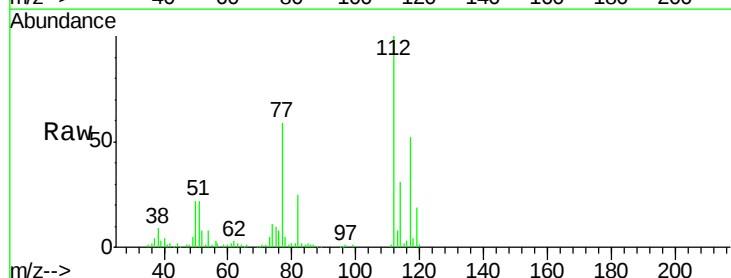


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

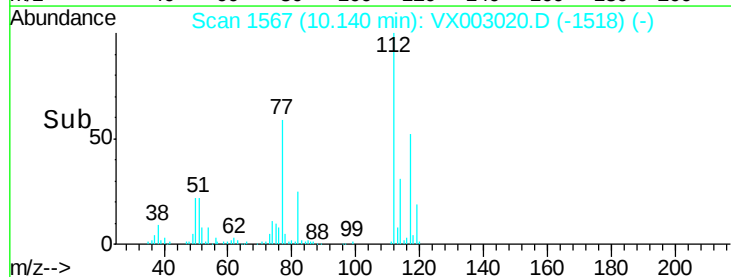
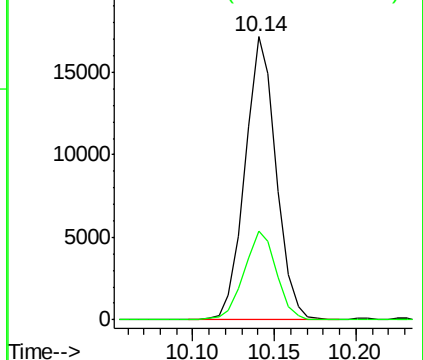


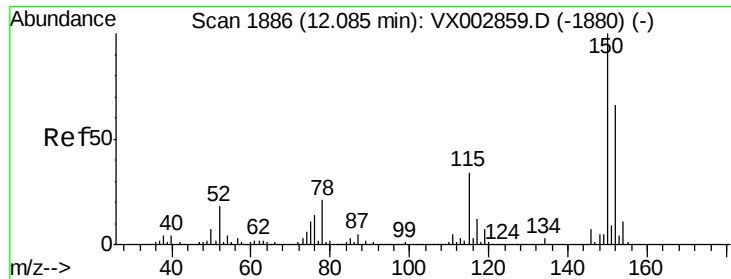
#65
Chlorobenzene
Concen: 2.33 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003020.D
Acq: 29 Jun 2018 08:01

Tgt Ion:112 Resp: 22841
Ion Ratio Lower Upper
112 100
114 31.2 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: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003020.D

Acq: 29 Jun 2018 08:01

Instrument :

MSVOA_X

ClientSampleId :

MW-23

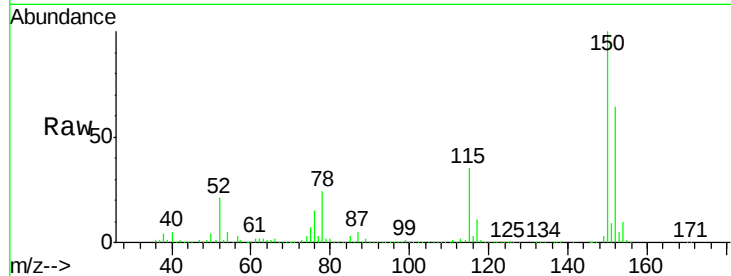
Tot Ion:152 Resp: 229061

Ion Ratio Lower Upper

152 100

115 53.8 40.1 120.2

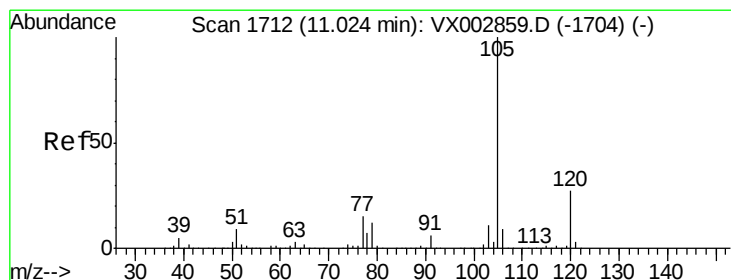
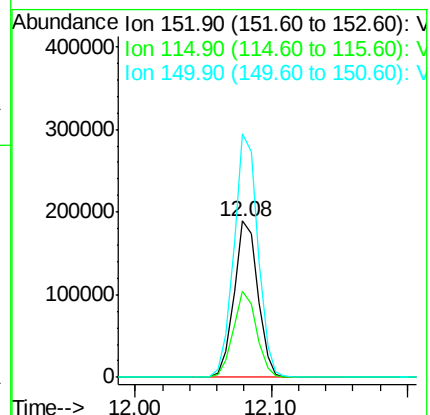
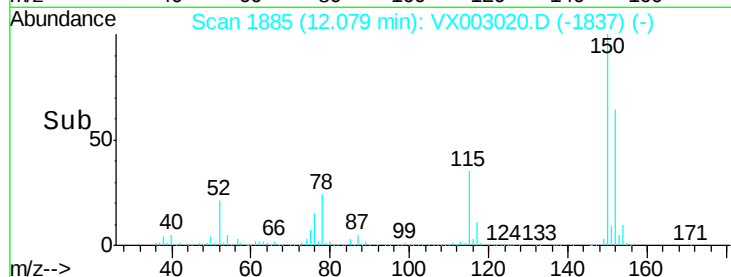
150 157.2 0.0 347.2



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



#73

Isopropylbenzene

Concen: 2.25 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003020.D

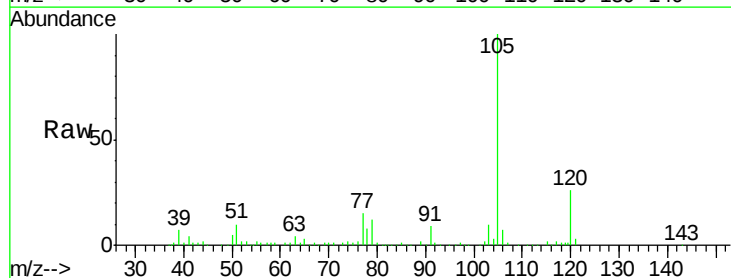
Acq: 29 Jun 2018 08:01

Tgt Ion:105 Resp: 34746

Ion Ratio Lower Upper

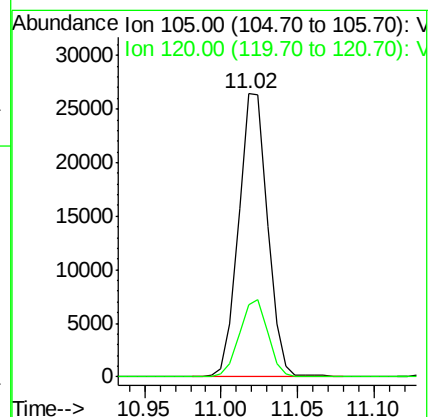
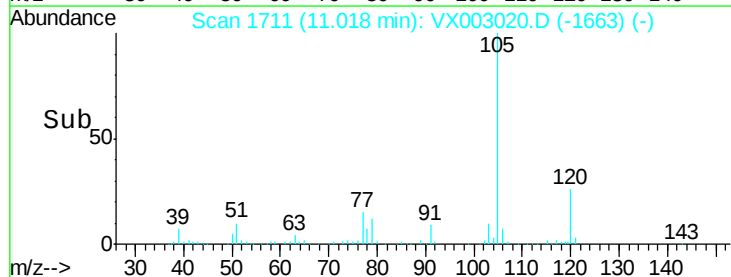
105 100

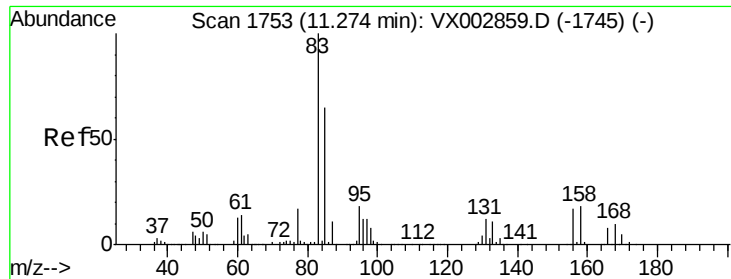
120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 0.24 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003020.D

Acq: 29 Jun 2018 08:01

Instrument :

MSVOA_X

ClientSampleId :

MW-23

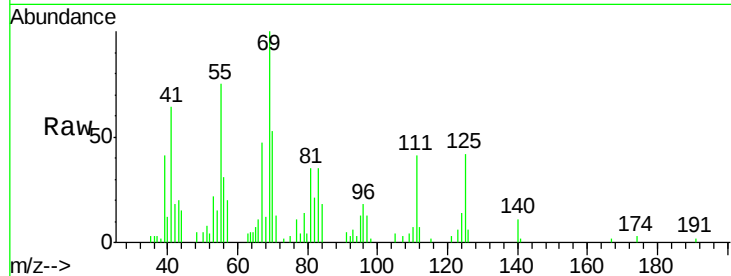
Tot Ion: 83 Resp: 1139

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

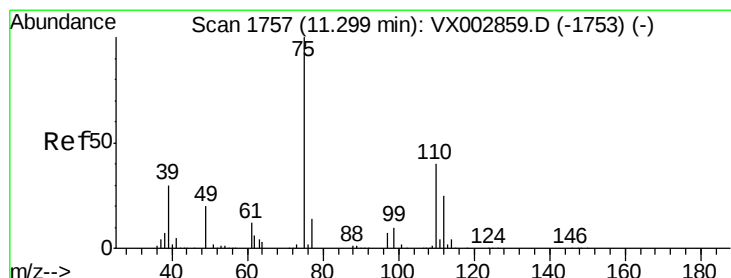
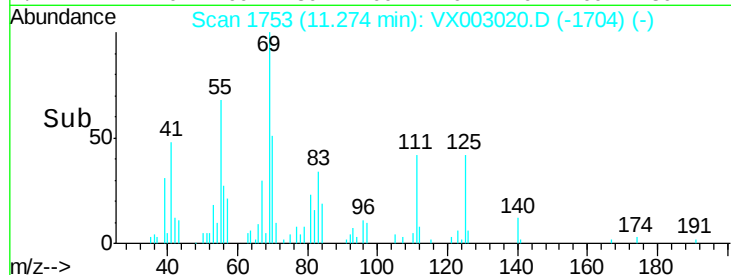
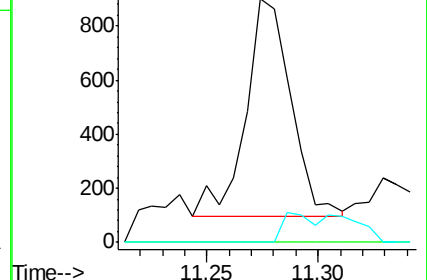
85 8.8 32.4 97.2#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.44 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003020.D

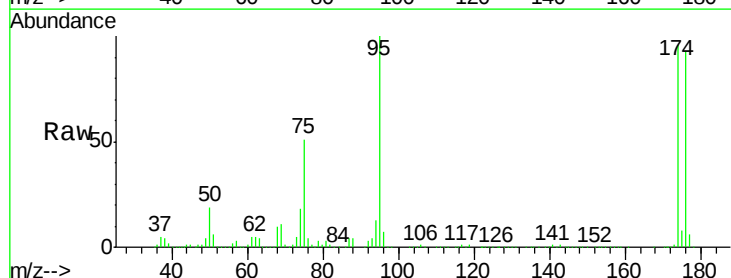
Acq: 29 Jun 2018 08:01

Tgt Ion: 75 Resp: 109714

Ion Ratio Lower Upper

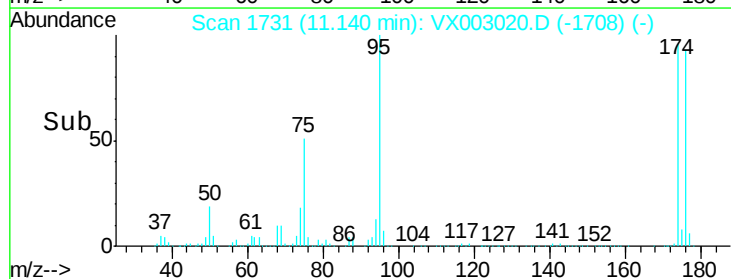
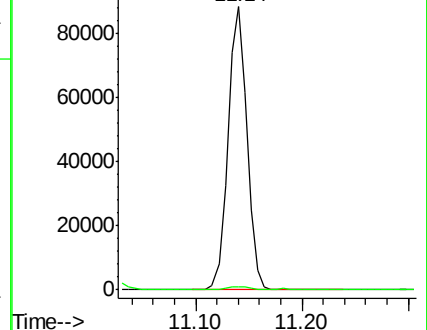
75 100

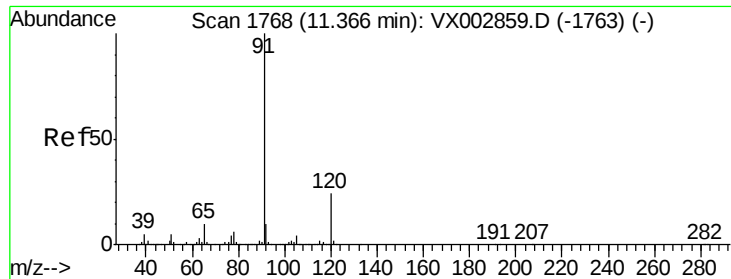
77 1.2 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.98 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003020.D

Acq: 29 Jun 2018 08:01

Instrument :

MSVOA_X

ClientSampleId :

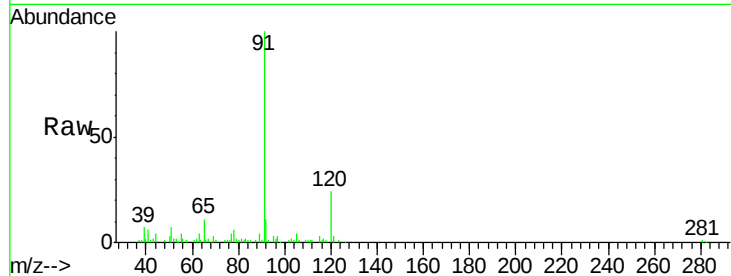
MW-23

Tot Ion: 91 Resp: 17243

Ion Ratio Lower Upper

91 100

120 23.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.37

15000

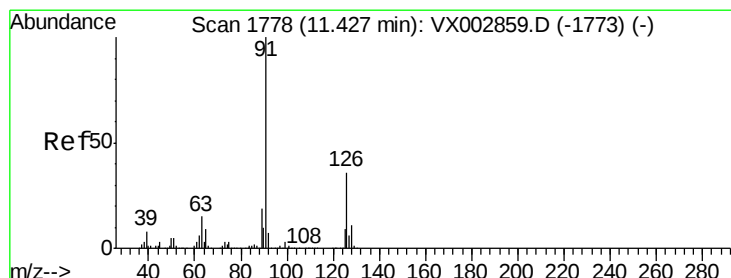
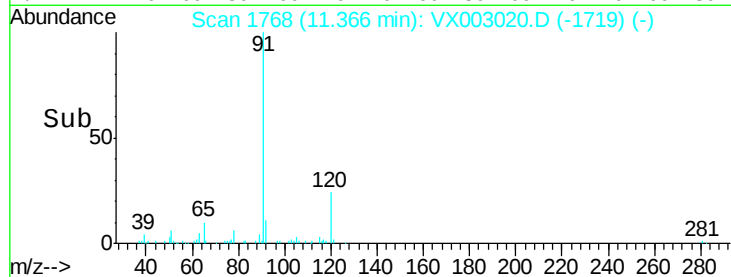
10000

5000

0

Time-->

11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 1.62 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.06 min

Lab File: VX003020.D

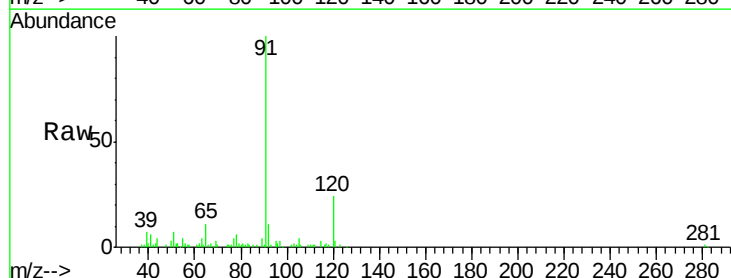
Acq: 29 Jun 2018 08:01

Tgt Ion: 91 Resp: 17243

Ion Ratio Lower Upper

91 100

126 0.4 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.37

15000

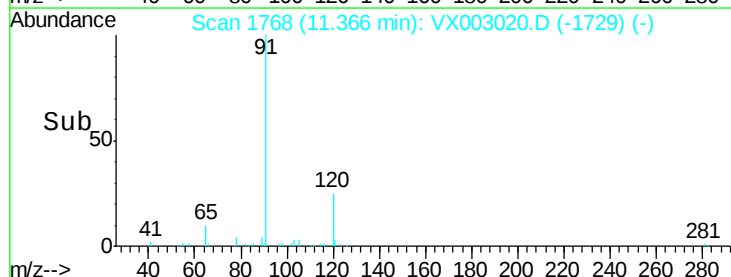
10000

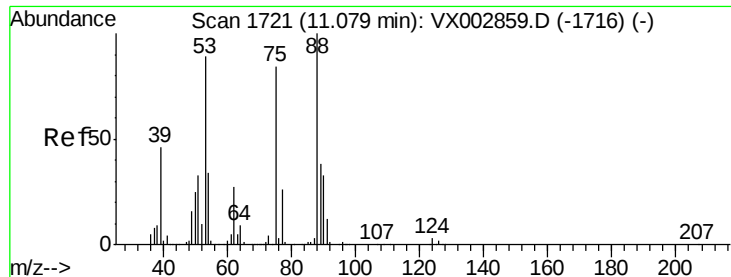
5000

0

Time-->

11.30 11.35 11.40





#81

trans-1,4-Dichloro-2-butene

Concen: 74.92 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003020.D

Acq: 29 Jun 2018 08:01

Instrument :

MSVOA_X

ClientSampleId :

MW-23

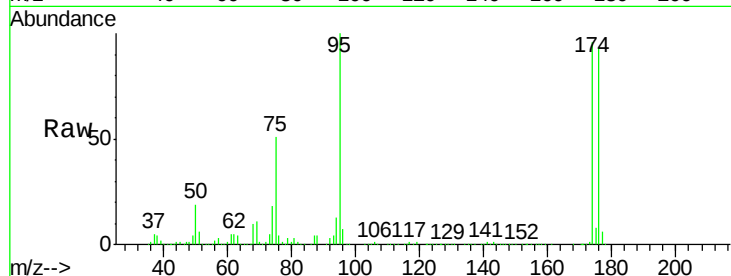
Tot Ion: 75 Resp: 109714

Ion Ratio Lower Upper

75 100

53 0.0 86.8 130.2#

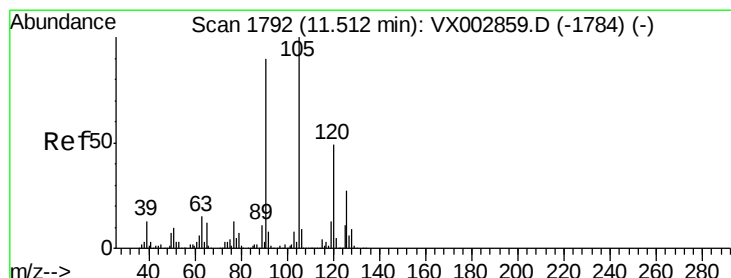
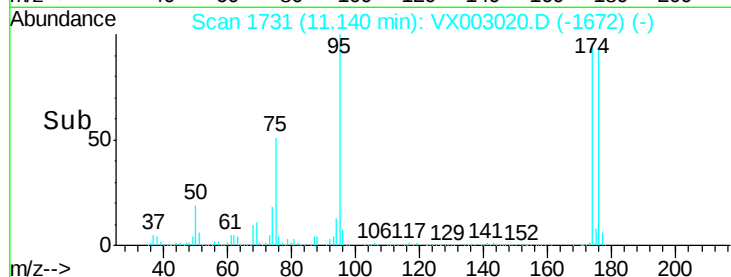
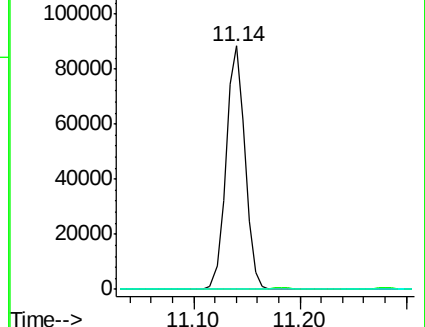
89 0.0 38.2 57.2#



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



#82

4-Chlorotoluene

Concen: 1.37 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.15 min

Lab File: VX003020.D

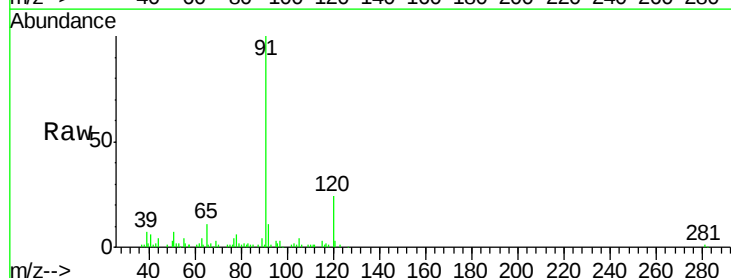
Acq: 29 Jun 2018 08:01

Tgt Ion: 91 Resp: 17243

Ion Ratio Lower Upper

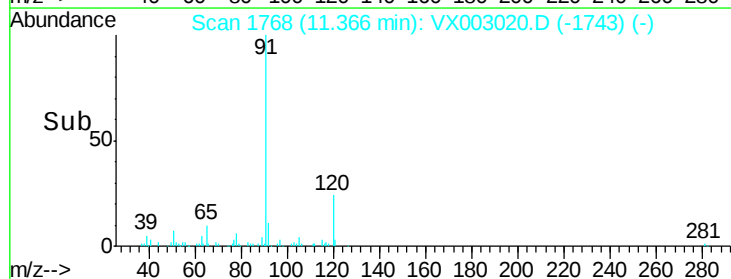
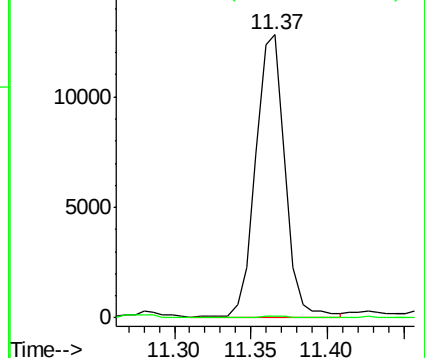
91 100

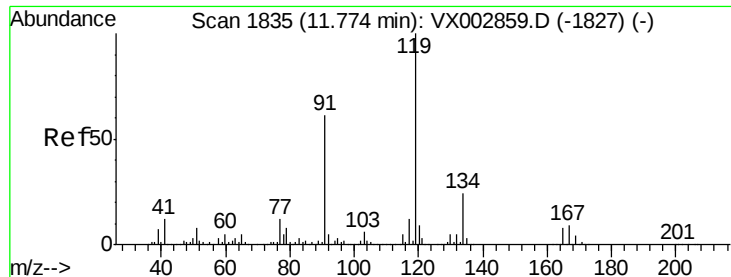
126 0.4 15.4 46.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

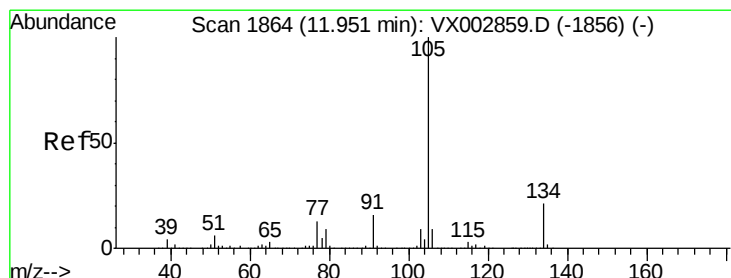
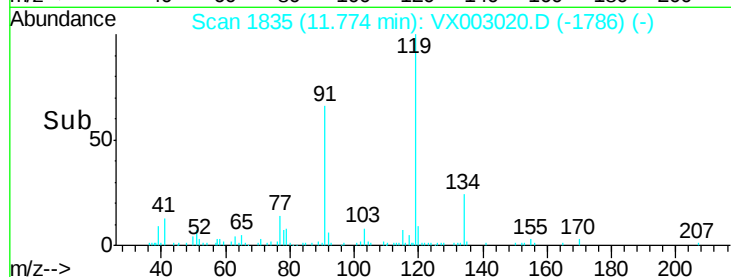
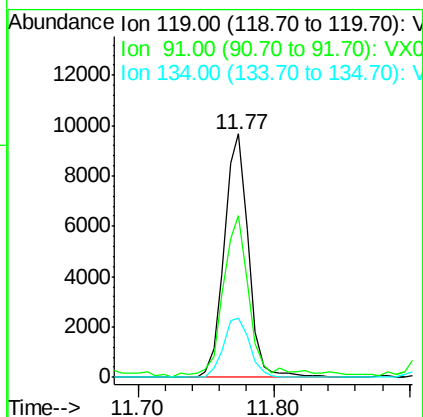
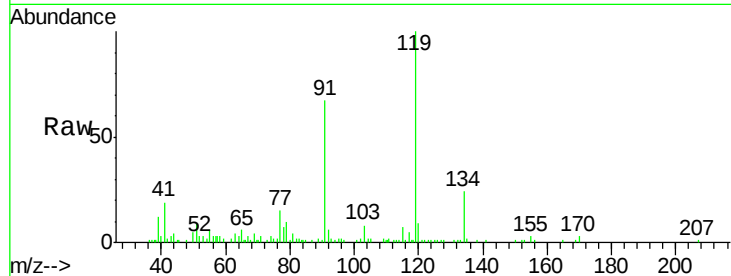




#83
tert-Butylbenzene
Concen: 0.93 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003020.D
Acq: 29 Jun 2018 08:01

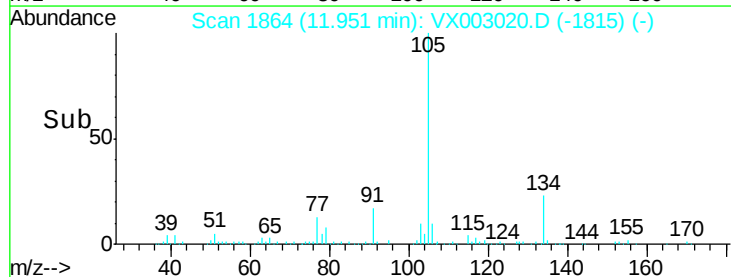
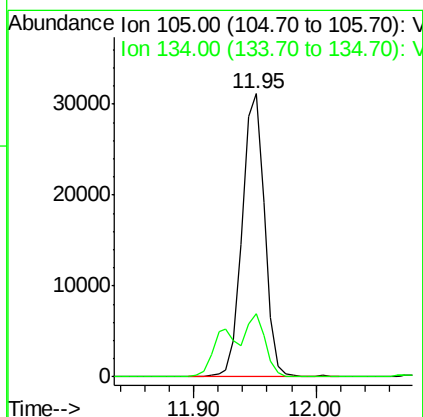
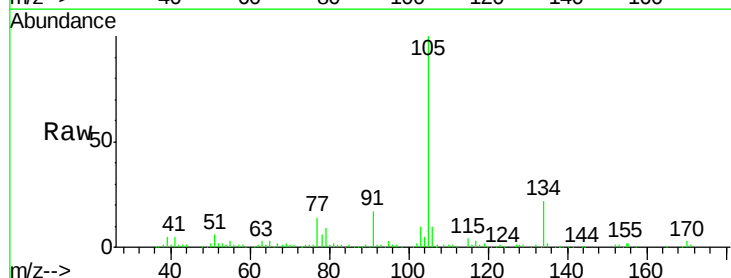
Instrument :
MSVOA_X
ClientSampled :
MW-23

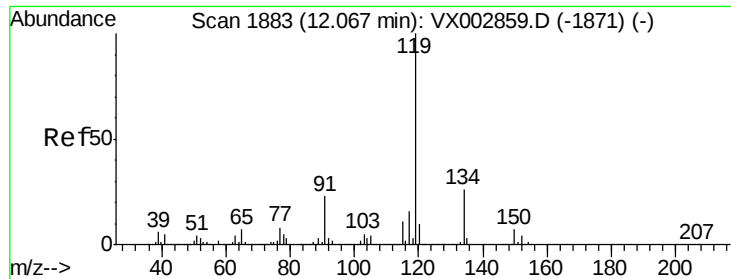
Tot Ion:119 Resp: 11902
Ion Ratio Lower Upper
119 100
91 73.6 30.3 90.9
134 26.4 11.7 35.1



#85
sec-Butylbenzene
Concen: 2.54 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VX003020.D
Acq: 29 Jun 2018 08:01

Tgt Ion:105 Resp: 39362
Ion Ratio Lower Upper
105 100
134 18.2 10.4 31.1

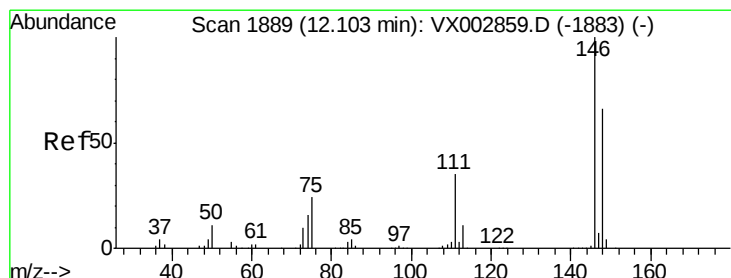
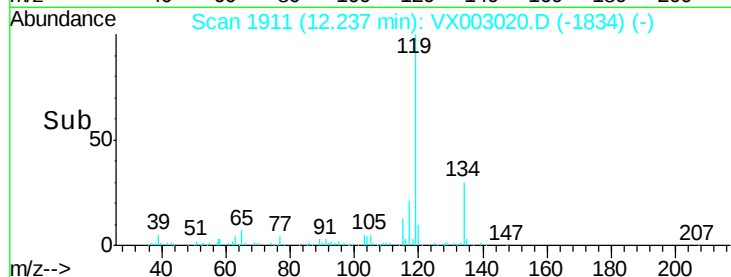
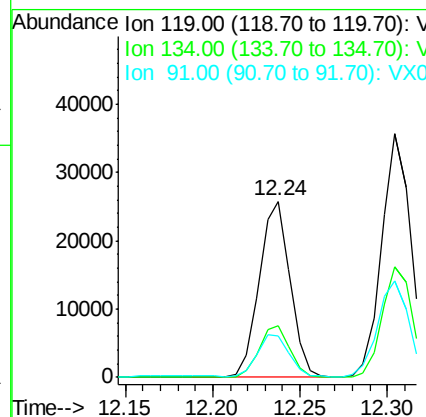
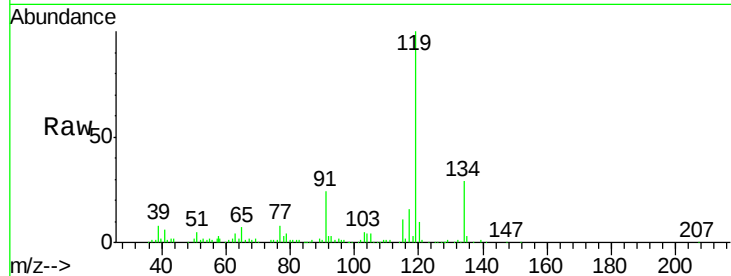




#86
p-Isopropyltoluene
Concen: 2.27 ug/l
RT: 12.24 min Scan# 1911
Delta R.T. 0.17 min
Lab File: VX003020.D
Acq: 29 Jun 2018 08:01

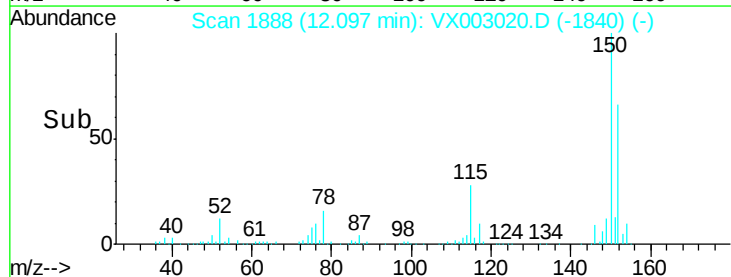
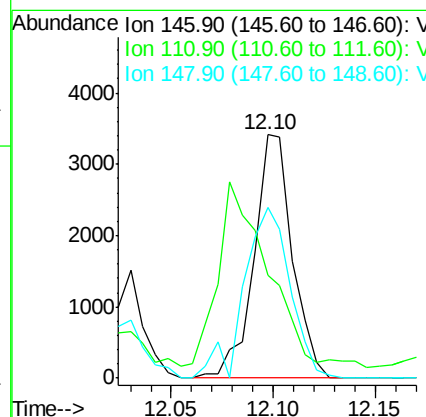
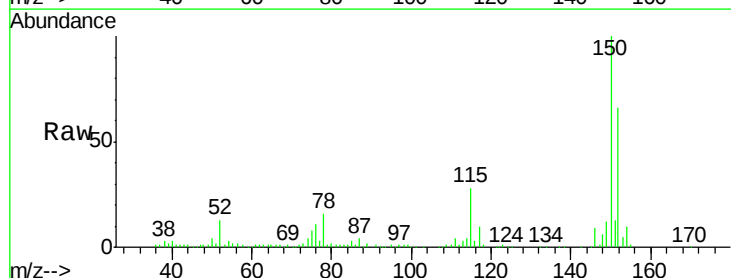
Instrument :
MSVOA_X
ClientSampleId :
MW-23

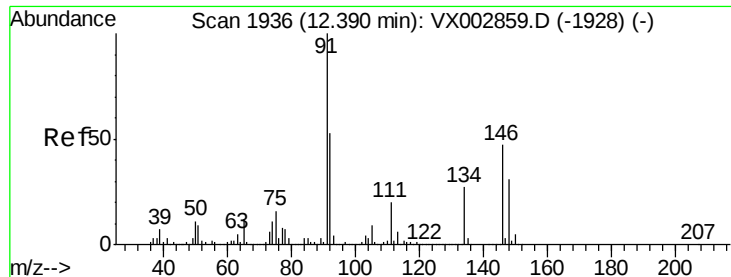
Tot Ion:119 Resp: 31728
Ion Ratio Lower Upper
119 100
134 29.1 13.4 40.1
91 24.5 11.9 35.7



#88
1,4-Dichlorobenzene
Concen: 0.55 ug/l
RT: 12.10 min Scan# 1888
Delta R.T. -0.01 min
Lab File: VX003020.D
Acq: 29 Jun 2018 08:01

Tgt Ion:146 Resp: 4500
Ion Ratio Lower Upper
146 100
111 107.4 18.7 56.1#
148 83.2 32.4 97.0

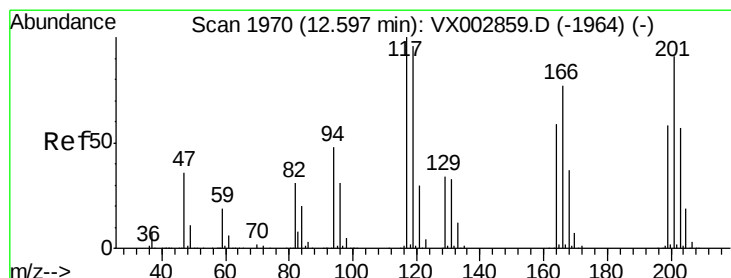
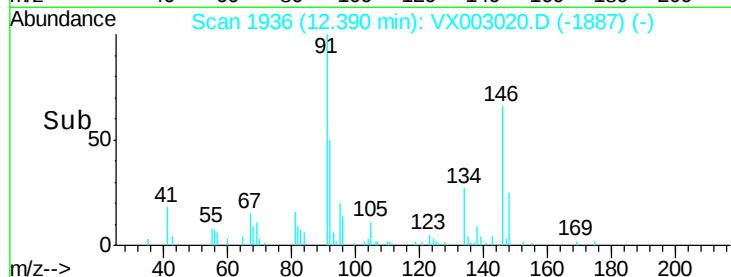
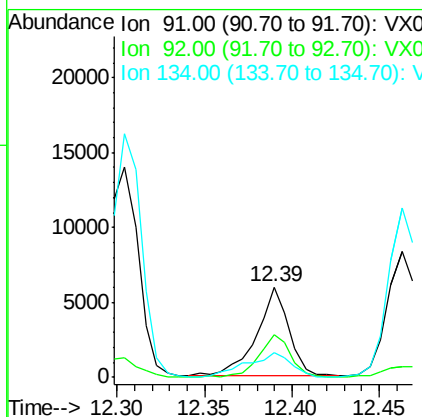
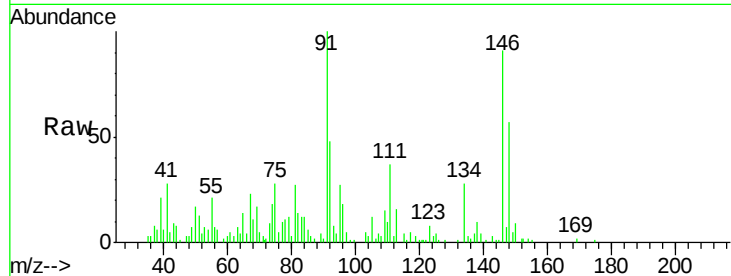




#89
n-Butylbenzene
Concen: 0.63 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003020.D
Acq: 29 Jun 2018 08:01

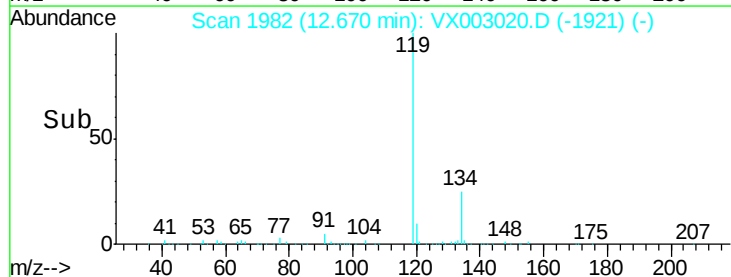
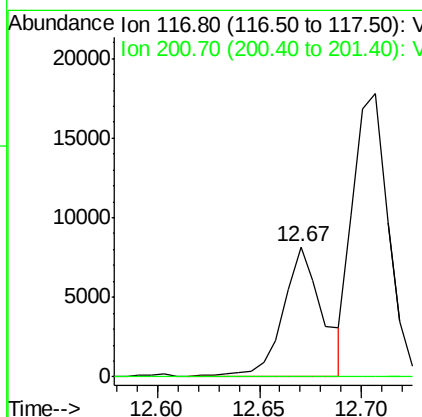
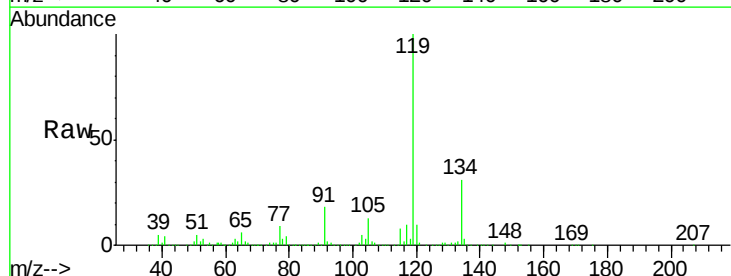
Instrument :
MSVOA_X
ClientSampled :
MW-23

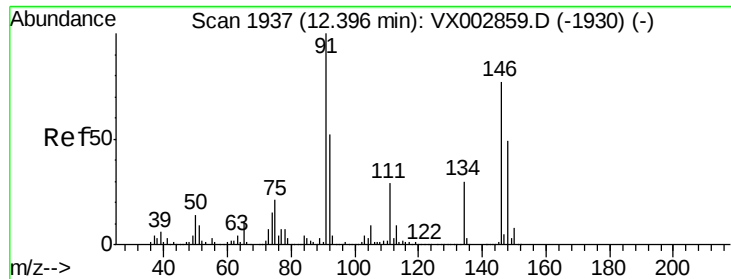
Tot Ion: 91 Resp: 7594
Ion Ratio Lower Upper
91 100
92 49.1 26.0 78.0
134 39.7 13.5 40.5



#90
Hexachloroethane
Concen: 5.34 ug/l
RT: 12.67 min Scan# 1982
Delta R.T. 0.07 min
Lab File: VX003020.D
Acq: 29 Jun 2018 08:01

Tgt Ion: 117 Resp: 11075
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#





#91

1,2-Dichlorobenzene

Concen: 0.99 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003020.D

Acq: 29 Jun 2018 08:01

Instrument :

MSVOA_X

ClientSampleId :

MW-23

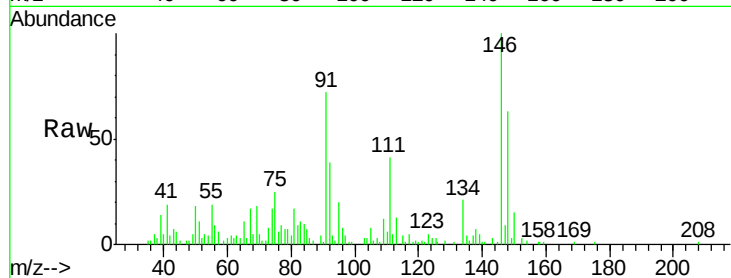
Tot Ion:146 Resp: 7983

Ion Ratio Lower Upper

146 100

111 42.1 19.4 58.1

148 60.9 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

