

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073118\
 Data File : VX003754.D
 Acq On : 31 Jul 2018 16:59
 Operator : JC/SP
 Sample : J4121-05
 Misc : 13.40G/5.0mL/MSVOA X/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-03(3-5)

Quant Time: Aug 01 01:28:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	3362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	4071	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	2959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	782	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	1157	34.03	ug/l	0.00
Spiked Amount				50.000		
Recovery						68.06%
35) Dibromofluoromethane	5.50	113	1084	45.22	ug/l	0.00
Spiked Amount				50.000		
Recovery						90.44%
50) Toluene-d8	8.72	98	4084	40.86	ug/l	0.00
Spiked Amount				50.000		
Recovery						81.72%
62) 4-Bromofluorobenzene	11.14	95	1092	29.63	ug/l	0.00
Spiked Amount				50.000		
Recovery						59.26%

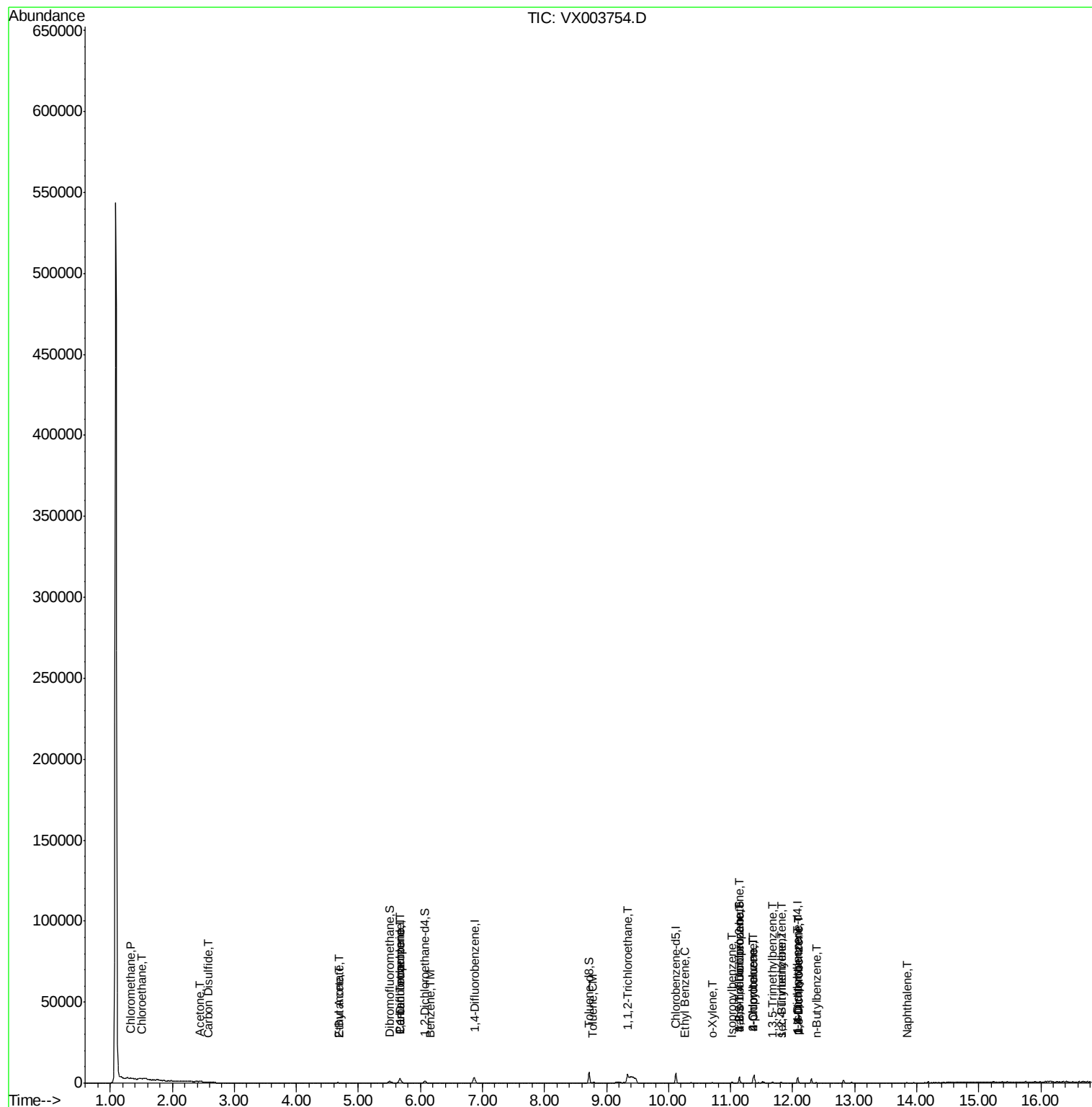
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	55	1.54	ug/l #	42
6) Chloroethane	1.51	64	1198	47.22	ug/l #	42
16) Acetone	2.45	43	417	32.11	ug/l #	87
17) Carbon Disulfide	2.58	76	99	1.01	ug/l #	75
25) 2-Butanone	4.70	43	19	1.00	ug/l #	49
36) 1,1-Dichloropropene	5.66	75	192	5.04	ug/l #	41
37) Ethyl Acetate	4.70	43	19	0.65	ug/l #	68
38) Carbon Tetrachloride	5.67	117	191	5.42	ug/l #	12
40) Benzene	6.15	78	70	0.64	ug/l #	53
52) Toluene	8.78	92	169	2.48	ug/l #	81
55) 1,1,2-Trichloroethane	9.33	97	76	3.24	ug/l #	15
67) Ethyl Benzene	10.26	91	22	0.21	ug/l #	43
69) o-Xylene	10.71	106	42	1.11	ug/l #	83
73) Isopropylbenzene	11.02	105	160	3.27	ug/l #	74
76) 1,2,3-Trichloropropane	11.14	75	512	47.50	ug/l #	33
78) n-propylbenzene	11.36	91	101	1.70	ug/l #	52
79) 2-Chlorotoluene	11.36	91	101	3.00	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.67	105	364	8.71	ug/l #	75
81) trans-1,4-Dichloro-2-buten	11.14	75	512	140.70	ug/l #	11
82) 4-Chlorotoluene	11.36	91	101	2.47	ug/l #	44
84) 1,2,4-Trimethylbenzene	11.82	105	143	3.32	ug/l #	30
85) sec-Butylbenzene	11.82	105	143	2.70	ug/l #	56
86) p-Isopropyltoluene	12.07	119	80	1.66	ug/l #	38
87) 1,3-Dichlorobenzene	12.10	146	20	0.77	ug/l #	25
88) 1,4-Dichlorobenzene	12.10	146	20	0.76	ug/l #	25
89) n-Butylbenzene	12.39	91	77	1.68	ug/l #	33
95) Naphthalene	13.84	128	57	1.40	ug/l #	69

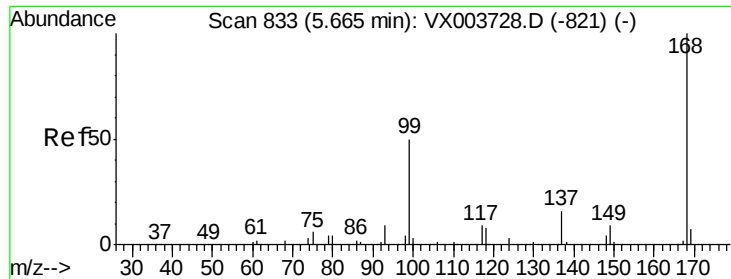
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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GW-03(3-5)

Quant Time: Aug 01 01:28:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 11:17:41 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: VX003754.D

Acq: 31 Jul 2018 16:59

Instrument :

MSVOA_X

ClientSampled :

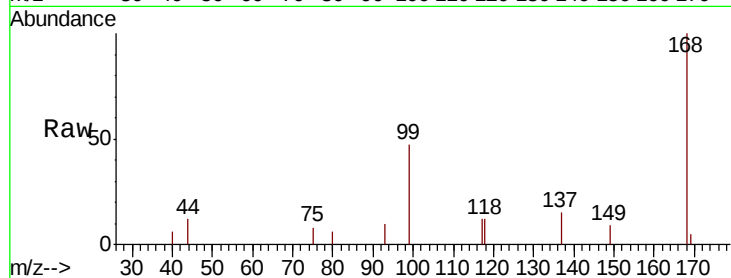
GW-03(3-5)

Tot Ion:168 Resp: 3362

Ion Ratio Lower Upper

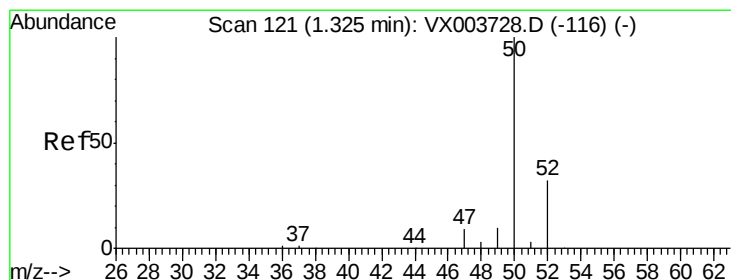
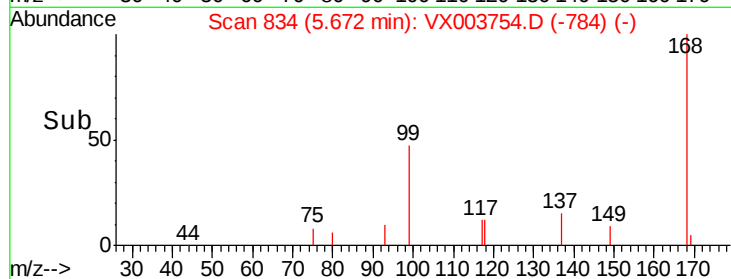
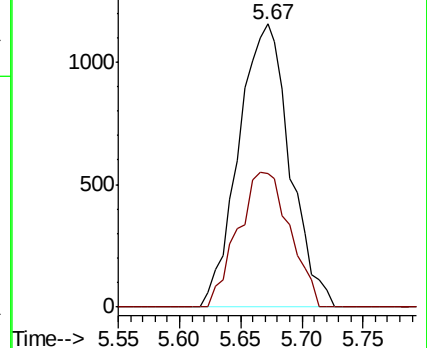
168 100

99 47.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 1.54 ug/l

RT: 1.33 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003754.D

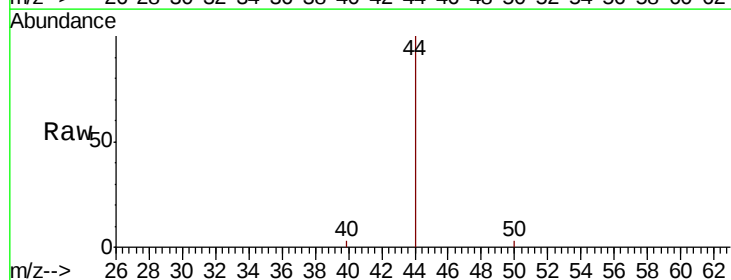
Acq: 31 Jul 2018 16:59

Tgt Ion: 50 Resp: 55

Ion Ratio Lower Upper

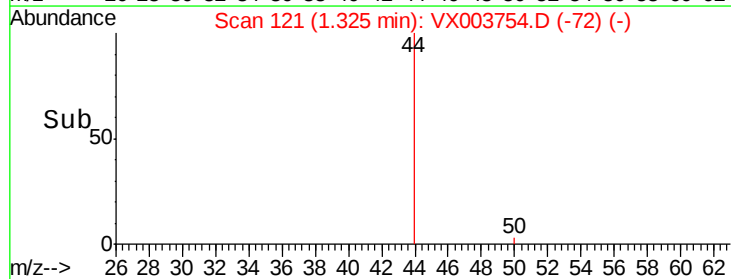
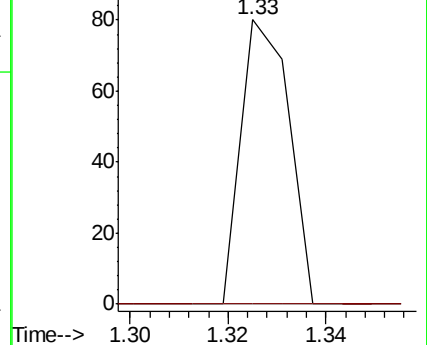
50 100

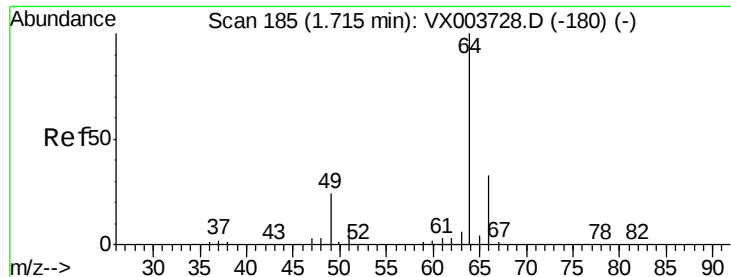
52 0.0 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#6

Chloroethane

Concen: 47.22 ug/l

RT: 1.51 min Scan# 151

Delta R.T. -0.21 min

Lab File: VX003754.D

Acq: 31 Jul 2018 16:59

Instrument :

MSVOA_X

ClientSampled :

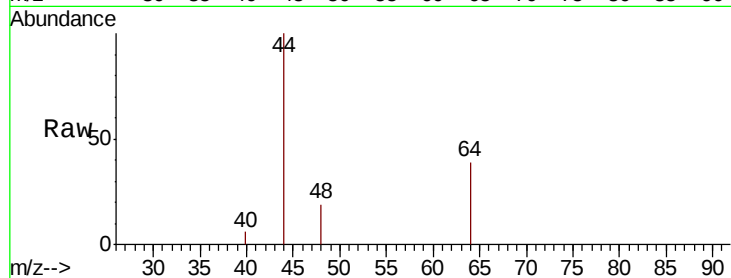
GW-03(3-5)

Tot Ion: 64 Resp: 1198

Ion Ratio Lower Upper

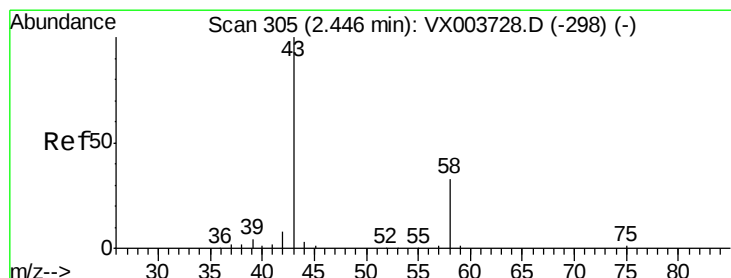
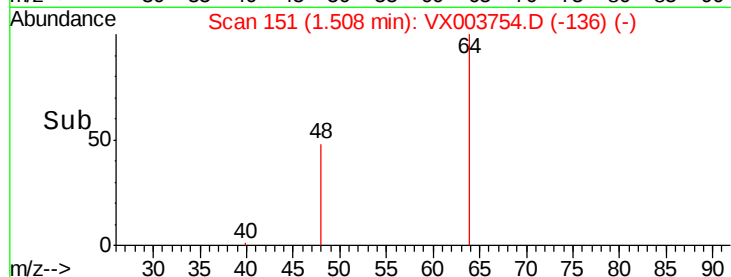
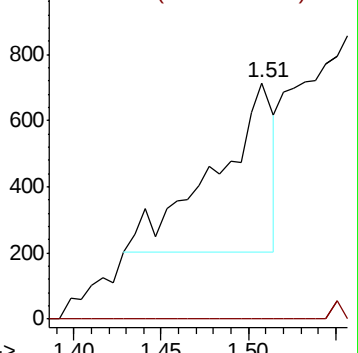
64 100

66 0.0 26.4 39.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#16

Acetone

Concen: 32.11 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003754.D

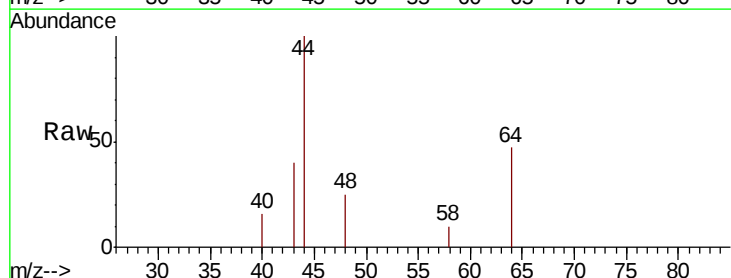
Acq: 31 Jul 2018 16:59

Tgt Ion: 43 Resp: 417

Ion Ratio Lower Upper

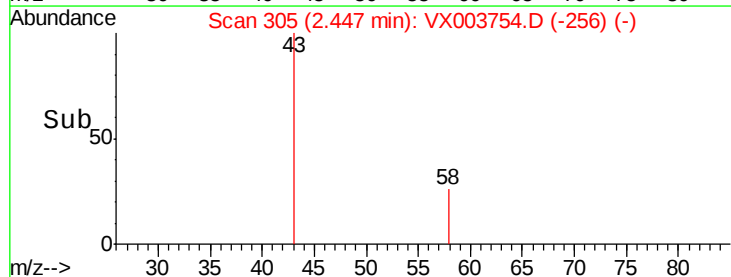
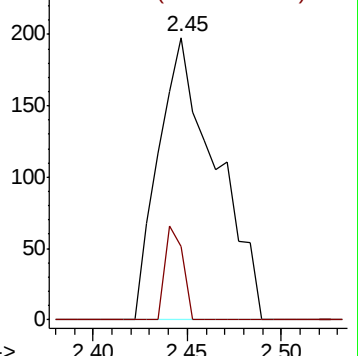
43 100

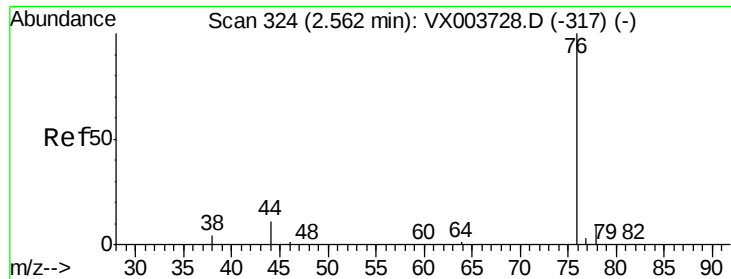
58 25.8 26.7 40.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

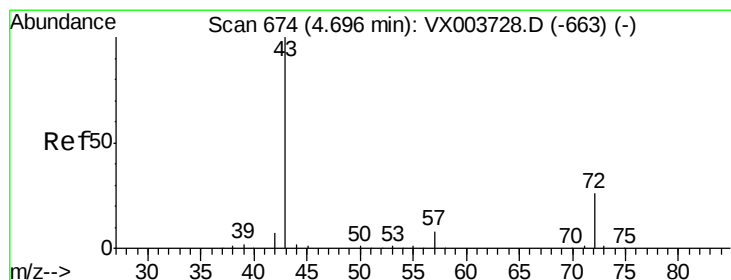
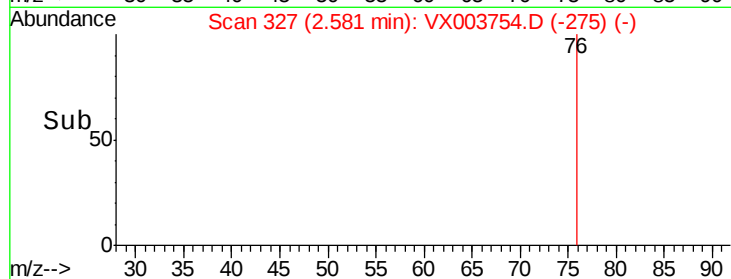
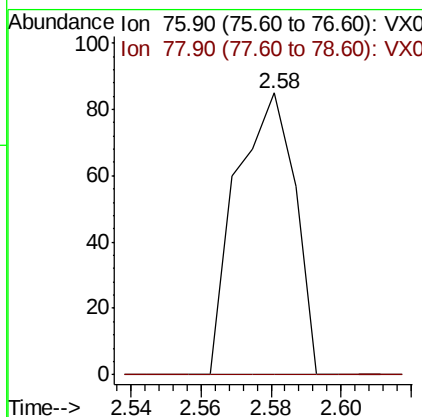
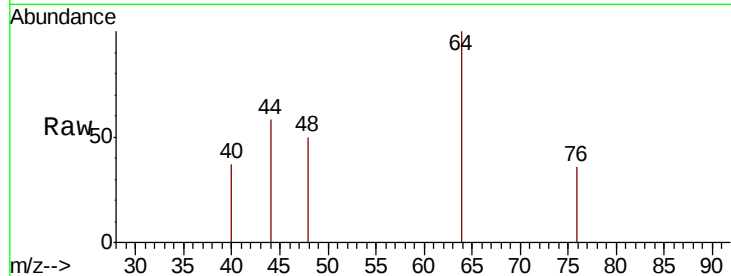




#17
Carbon Disulfide
Concen: 1.01 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.02 min
Lab File: VX003754.D
Acq: 31 Jul 2018 16:59

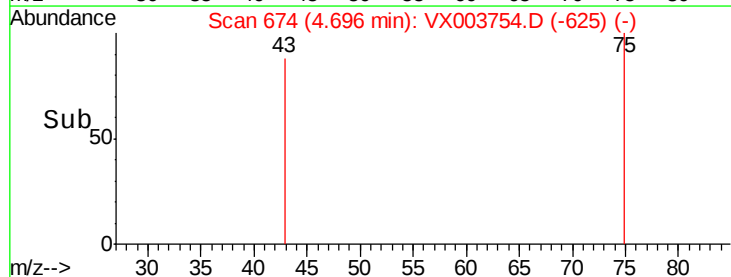
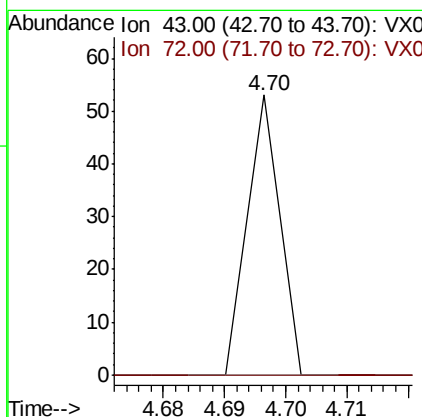
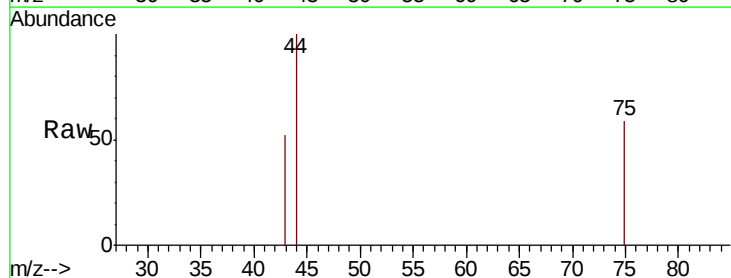
Instrument :
MSVOA_X
ClientSampleId :
GW-03(3-5)

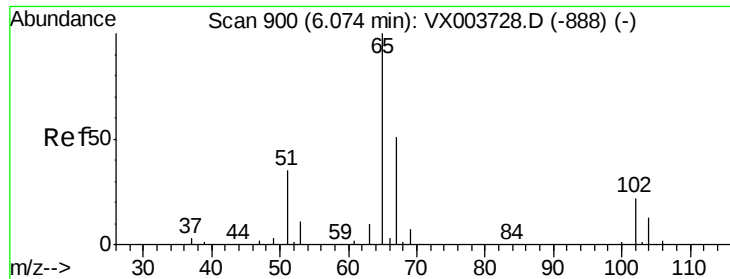
Tot Ion: 76 Resp: 99
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#25
2-Butanone
Concen: 1.00 ug/l
RT: 4.70 min Scan# 674
Delta R.T. 0.00 min
Lab File: VX003754.D
Acq: 31 Jul 2018 16:59

Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
72 0.0 20.9 31.3#

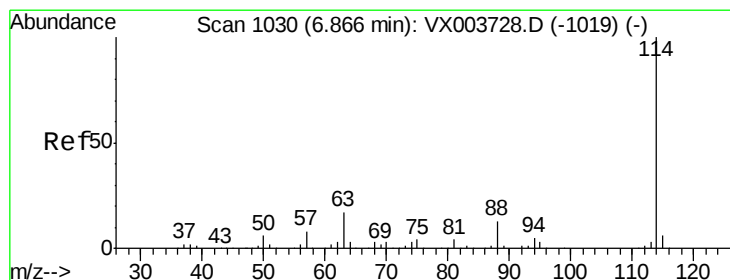
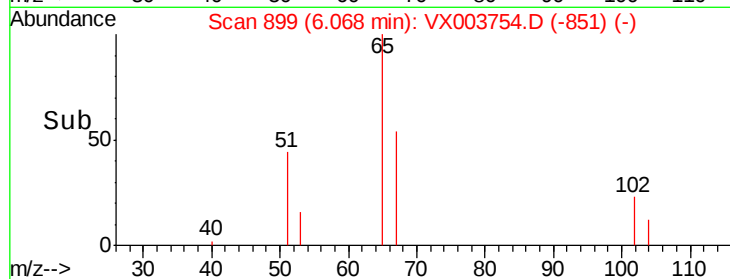
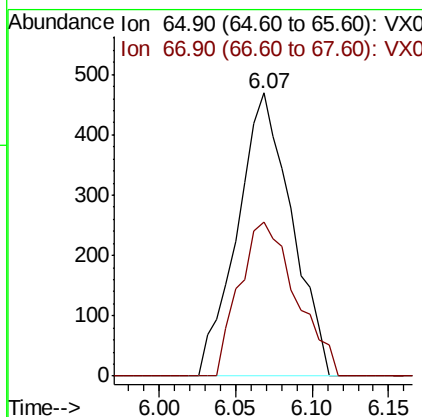
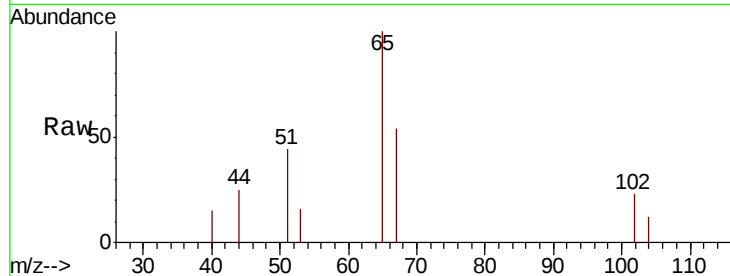




#33
 1,2-Dichloroethane-d4
 Concen: 34.03 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003754.D
 Acq: 31 Jul 2018 16:59

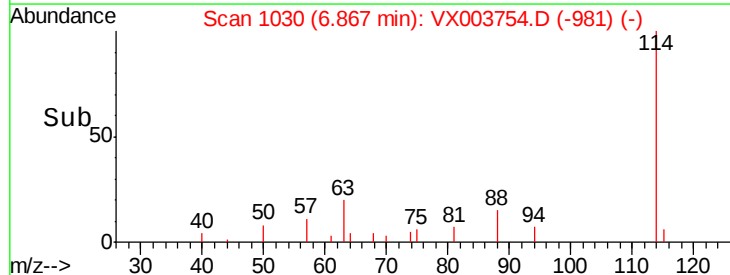
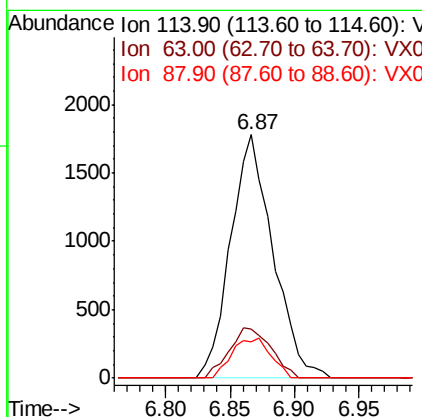
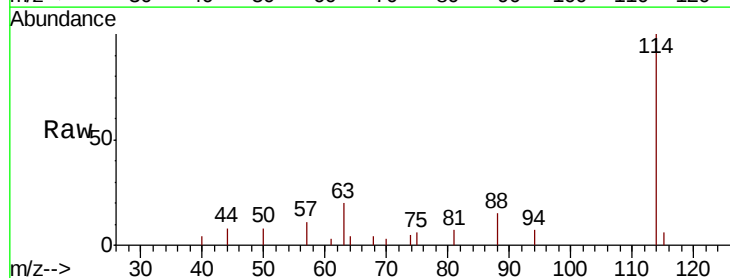
Instrument :
 MSVOA_X
 ClientSampleID :
 GW-03(3-5)

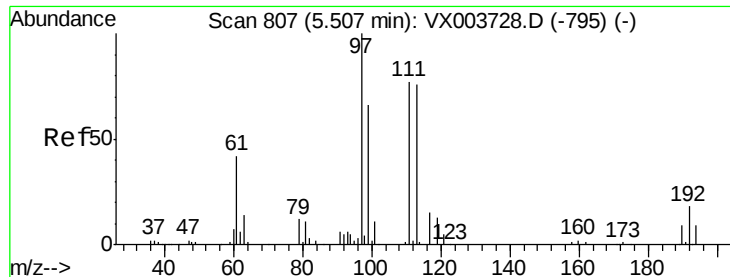
Tot Ion: 65 Resp: 1157
 Ion Ratio Lower Upper
 65 100
 67 56.6 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003754.D
 Acq: 31 Jul 2018 16:59

Tgt Ion: 114 Resp: 4071
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 34.0
 88 14.8 0.0 26.4

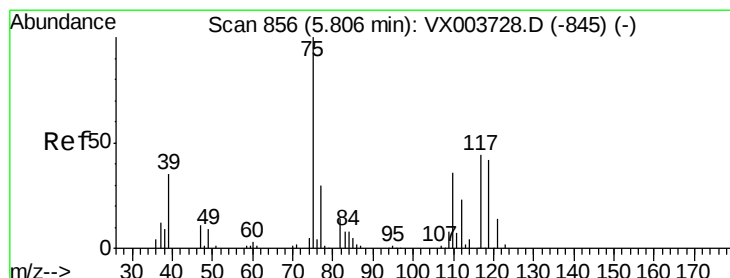
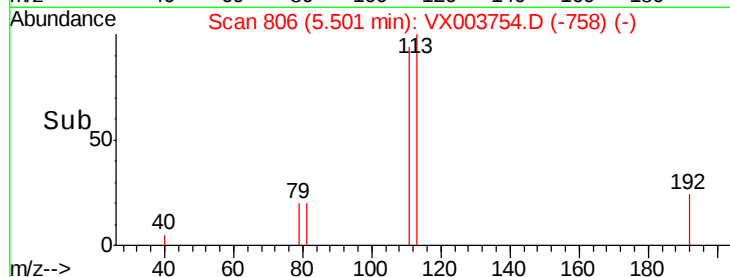
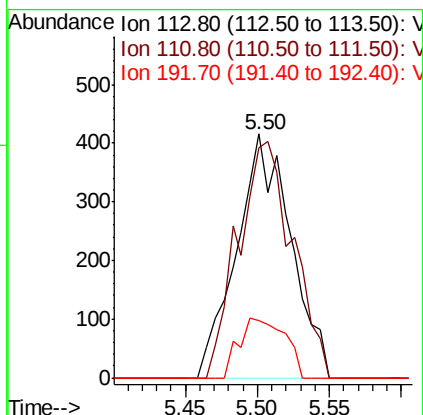
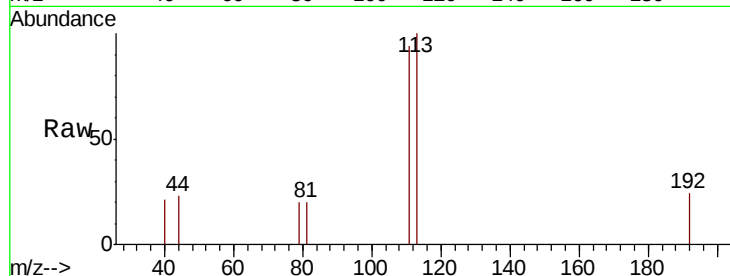




#35
 Dibromofluoromethane
 Concen: 45.22 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003754.D
 Acq: 31 Jul 2018 16:59

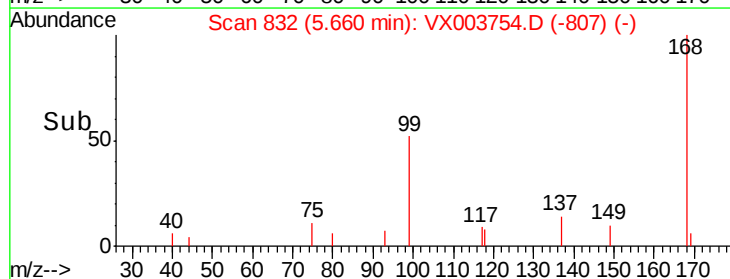
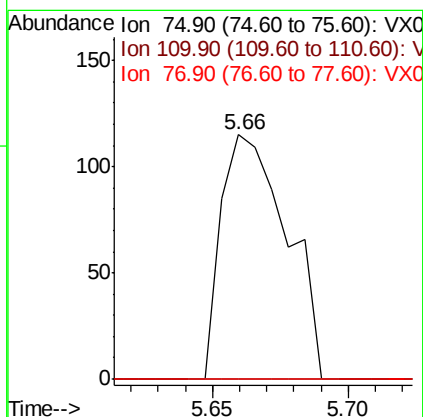
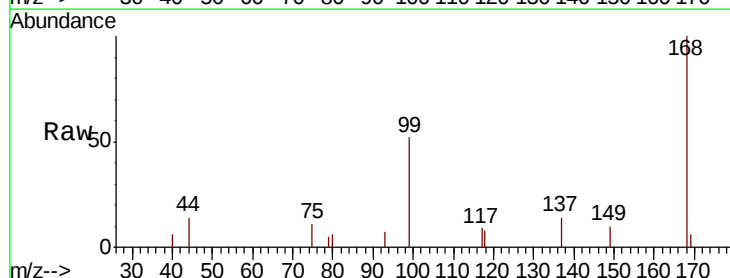
Instrument :
 MSVOA_X
 ClientSampled :
 GW-03(3-5)

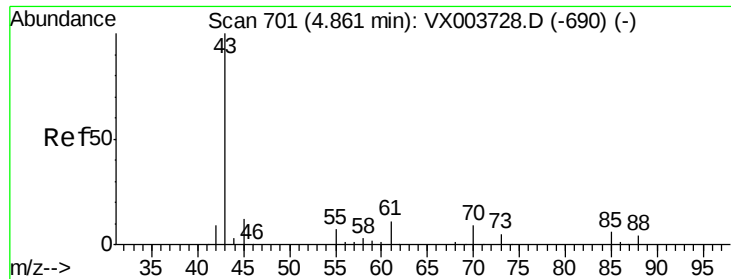
Tot Ion:113 Resp: 1084
 Ion Ratio Lower Upper
 113 100
 111 98.1 81.8 122.6
 192 20.7 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 5.04 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.15 min
 Lab File: VX003754.D
 Acq: 31 Jul 2018 16:59

Tgt Ion: 75 Resp: 192
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.3 54.8#
 77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 0.65 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.16 min

Lab File: VX003754.D

Acq: 31 Jul 2018 16:59

Instrument :

MSVOA_X

ClientSampleId :

GW-03(3-5)

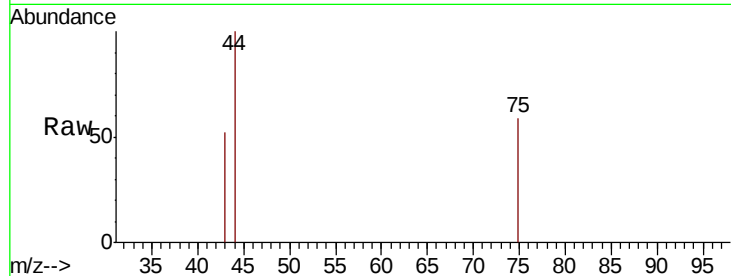
Tot Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.0#

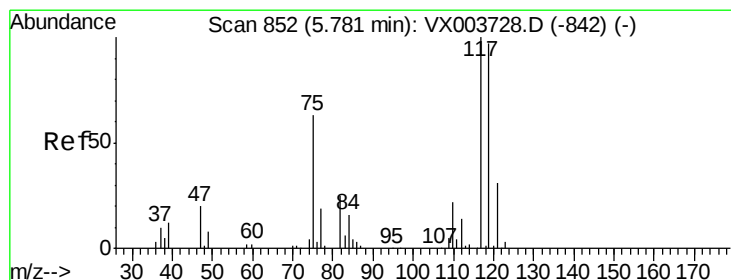
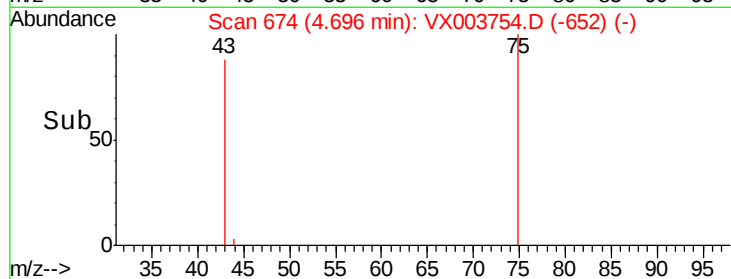
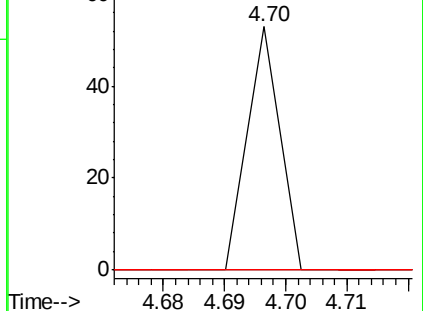
70 0.0 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 5.42 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.11 min

Lab File: VX003754.D

Acq: 31 Jul 2018 16:59

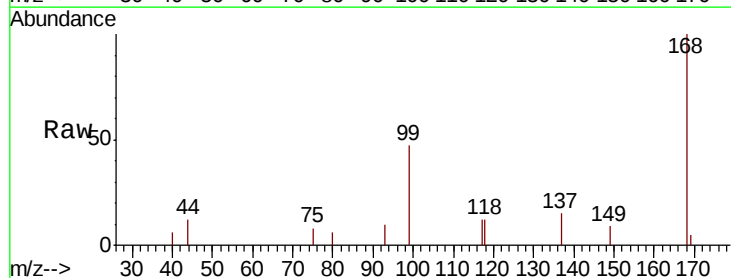
Tgt Ion: 117 Resp: 191

Ion Ratio Lower Upper

117 100

119 0.0 77.2 115.8#

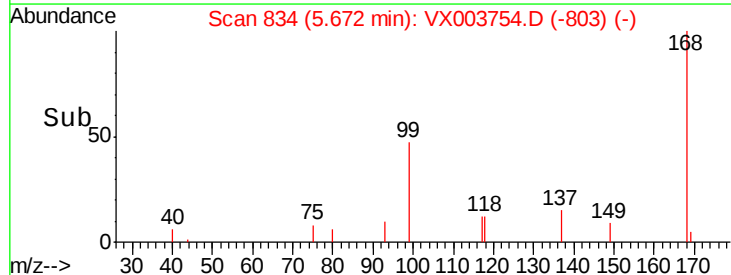
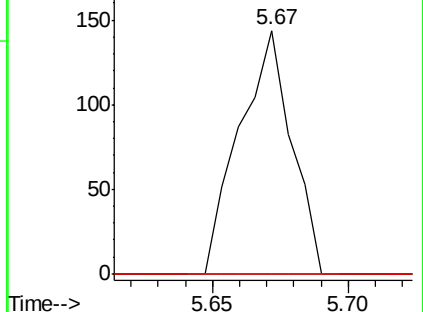
121 0.0 25.0 37.4#

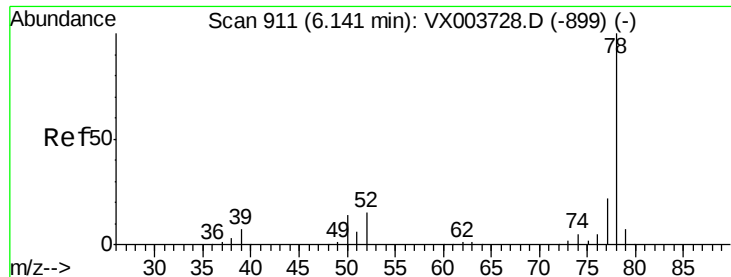


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 0.64 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.01 min

Lab File: VX003754.D

Acq: 31 Jul 2018 16:59

Instrument :

MSVOA_X

ClientSampleId :

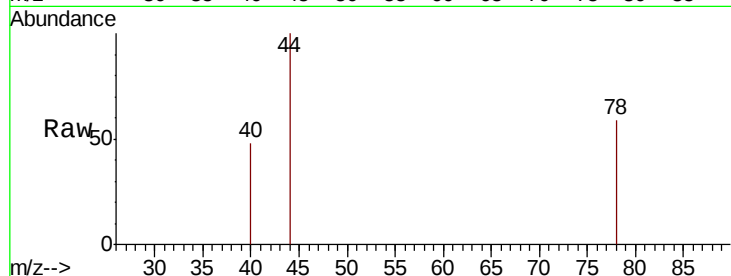
GW-03(3-5)

Tot Ion: 78 Resp: 70

Ion Ratio Lower Upper

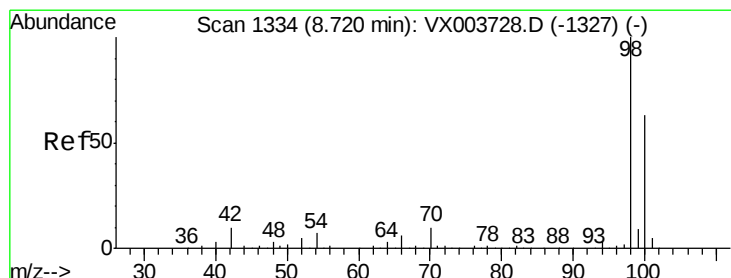
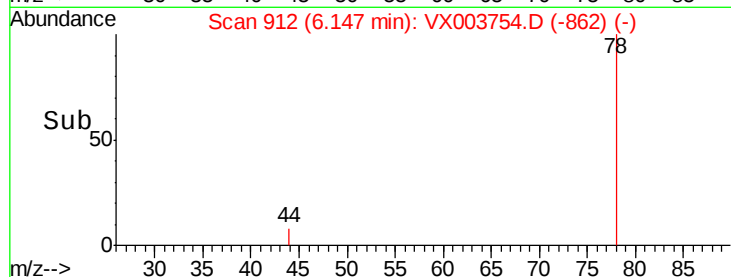
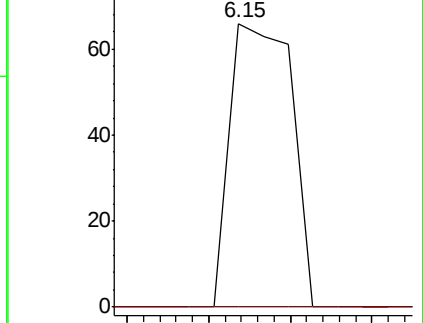
78 100

77 0.0 17.9 26.9#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 40.86 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003754.D

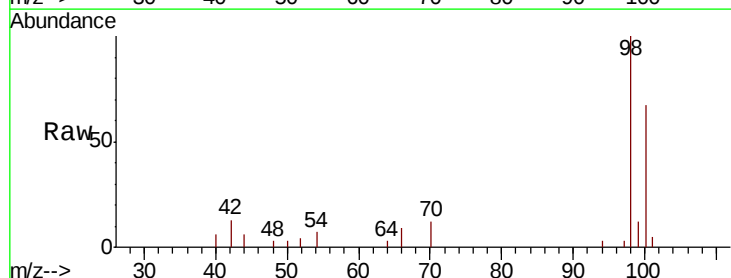
Acq: 31 Jul 2018 16:59

Tgt Ion: 98 Resp: 4084

Ion Ratio Lower Upper

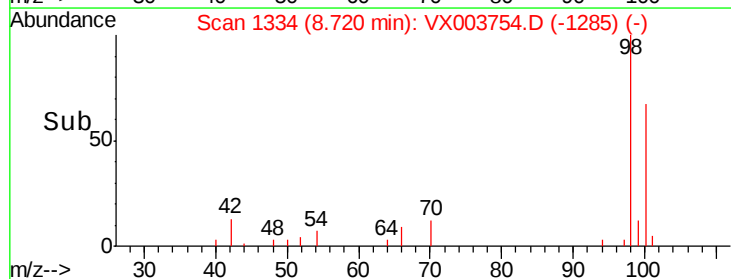
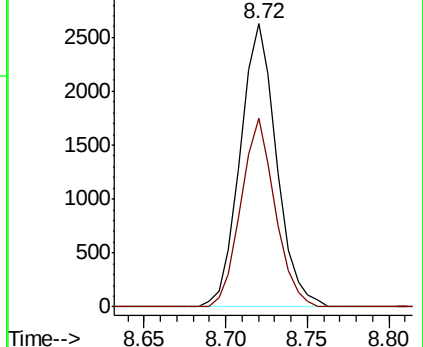
98 100

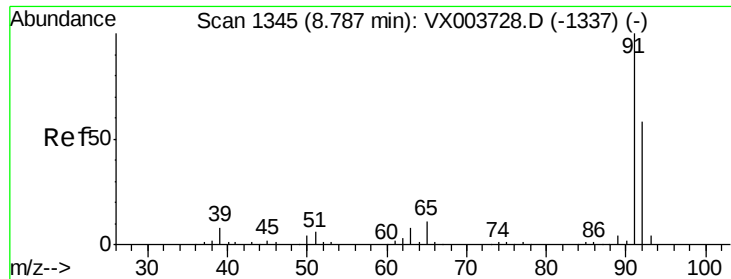
100 62.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 2.48 ug/l

RT: 8.78 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VX003754.D

Acq: 31 Jul 2018 16:59

Instrument :

MSVOA_X

ClientSampled :

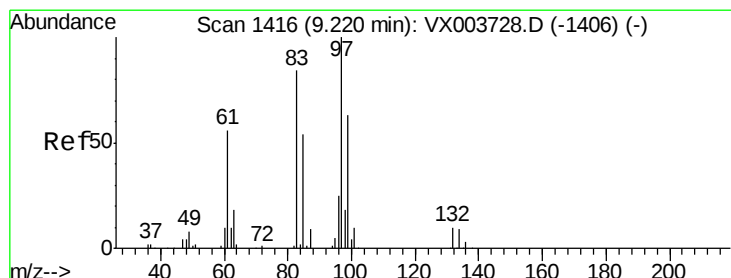
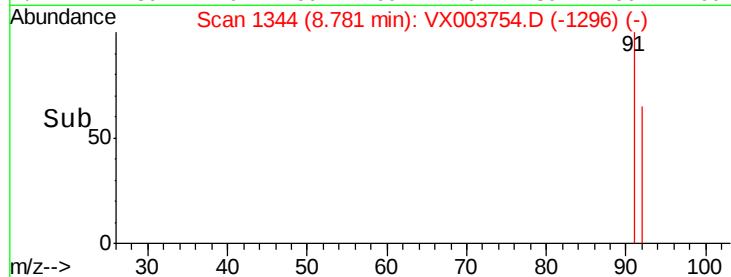
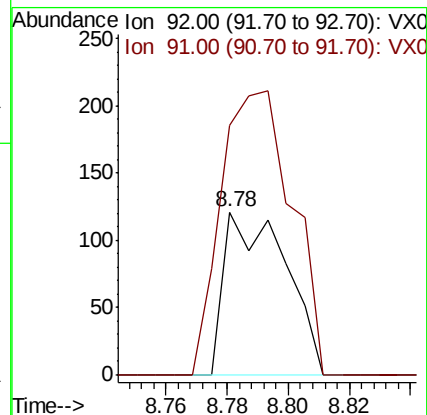
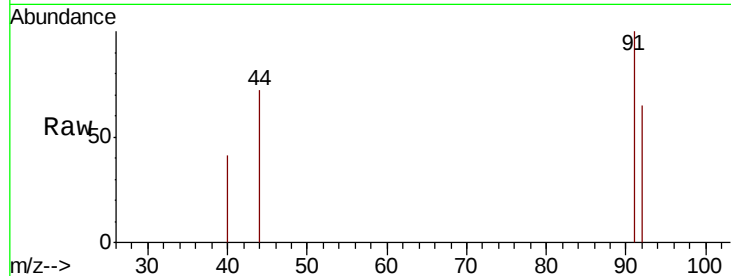
GW-03(3-5)

Tot Ion: 92 Resp: 169

Ion Ratio Lower Upper

92 100

91 200.6 139.4 209.2



#55

1,1,2-Trichloroethane

Concen: 3.24 ug/l

RT: 9.33 min Scan# 1434

Delta R.T. 0.11 min

Lab File: VX003754.D

Acq: 31 Jul 2018 16:59

Tgt Ion: 97 Resp: 76

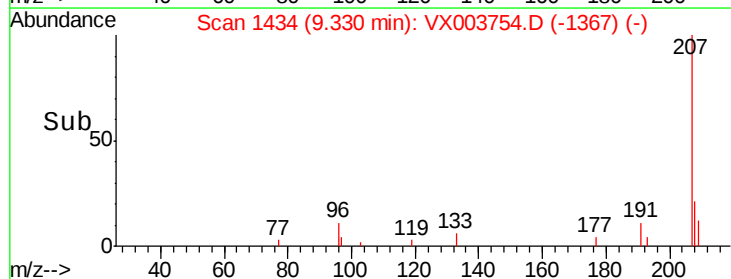
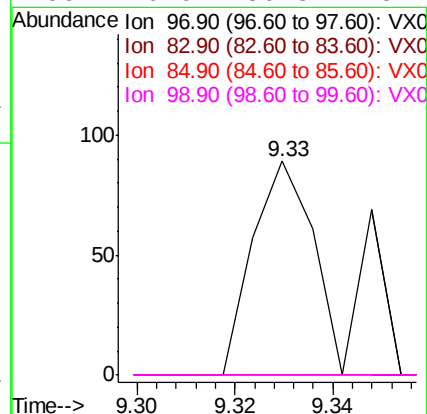
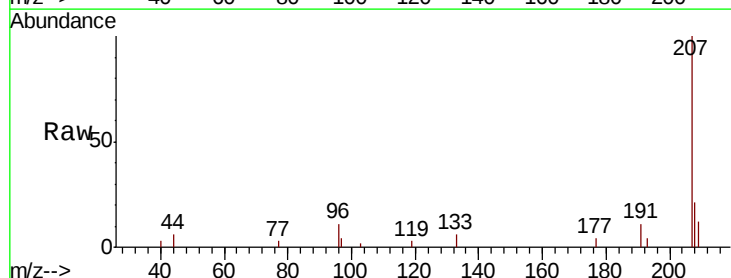
Ion Ratio Lower Upper

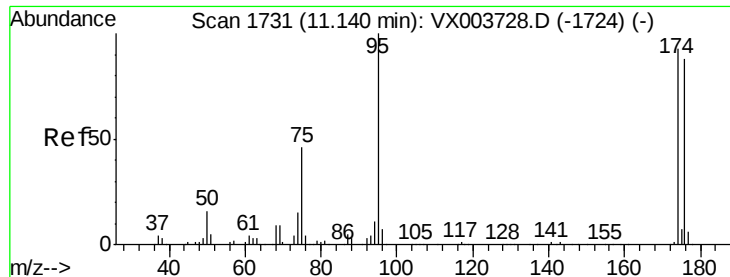
97 100

83 0.0 67.4 101.0#

85 0.0 43.3 64.9#

99 0.0 50.8 76.2#

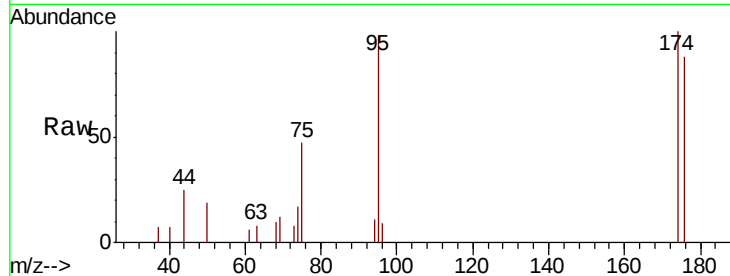




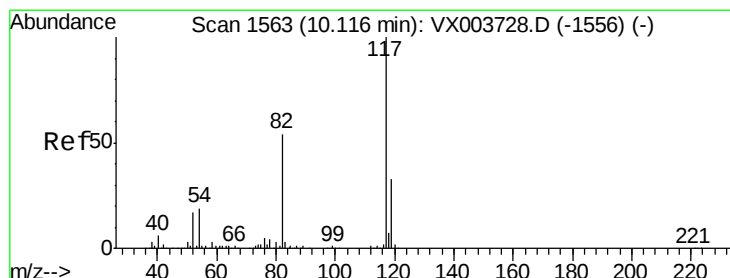
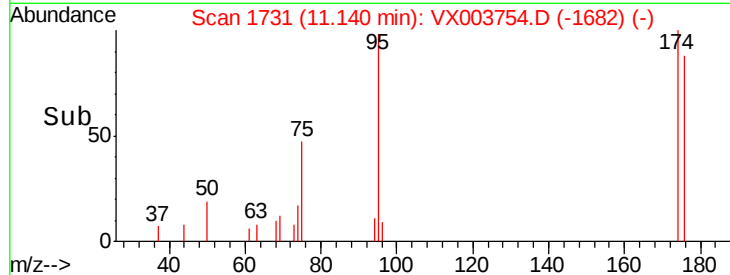
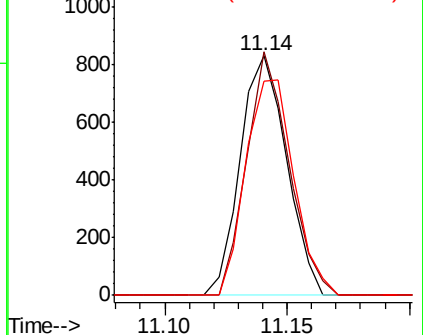
#62
4-Bromofluorobenzene
Concen: 29.63 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003754.D
Acq: 31 Jul 2018 16:59

Instrument :
MSVOA_X
ClientSampled :
GW-03(3-5)

Tot Ion: 95 Resp: 1092
Ion Ratio Lower Upper
95 100
174 92.9 0.0 186.2
176 93.7 0.0 179.2

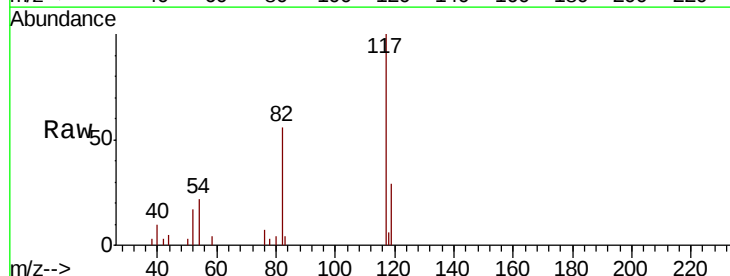


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

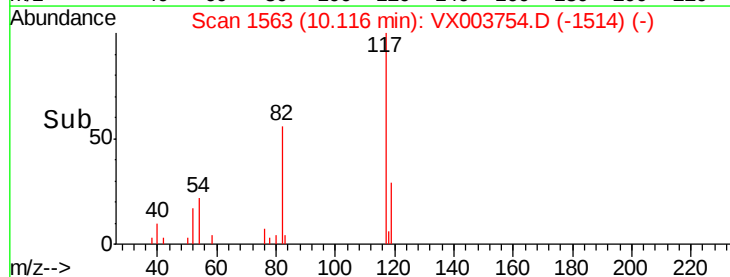
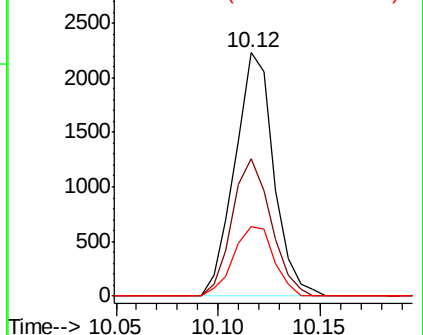


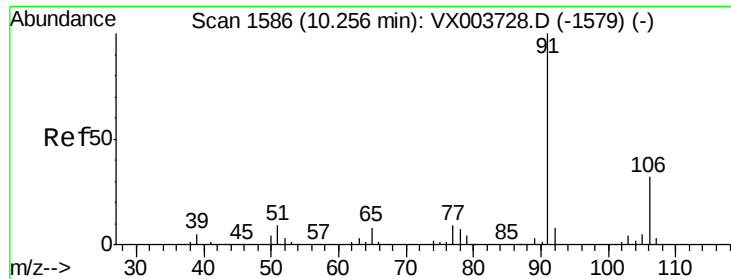
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003754.D
Acq: 31 Jul 2018 16:59

Tgt Ion: 117 Resp: 2959
Ion Ratio Lower Upper
117 100
82 56.5 43.2 64.8
119 28.7 26.3 39.5



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

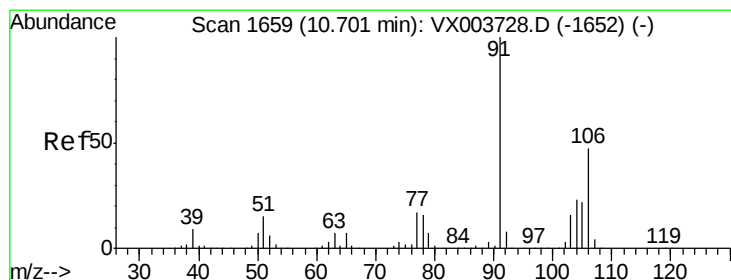
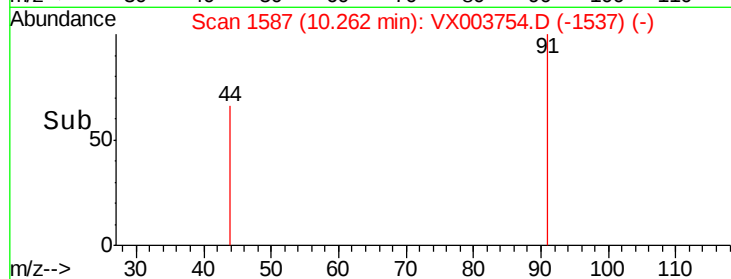
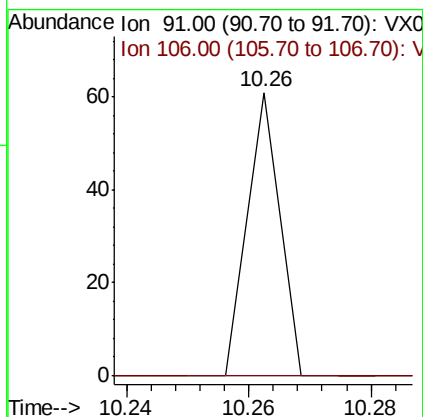
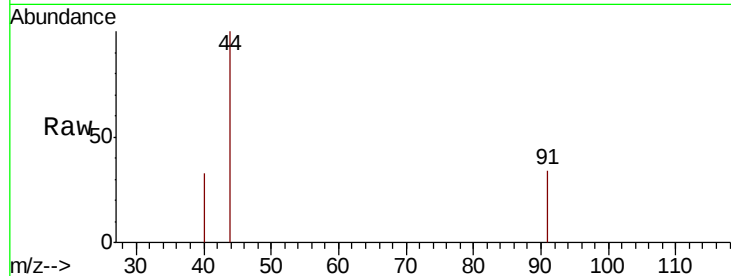




#67
Ethyl Benzene
Concen: 0.21 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.01 min
Lab File: VX003754.D
Acq: 31 Jul 2018 16:59

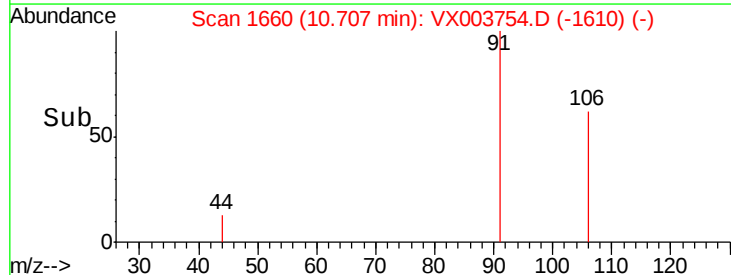
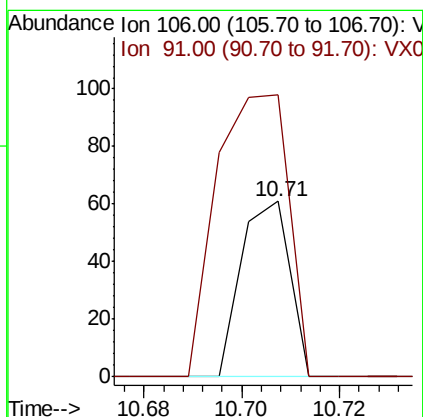
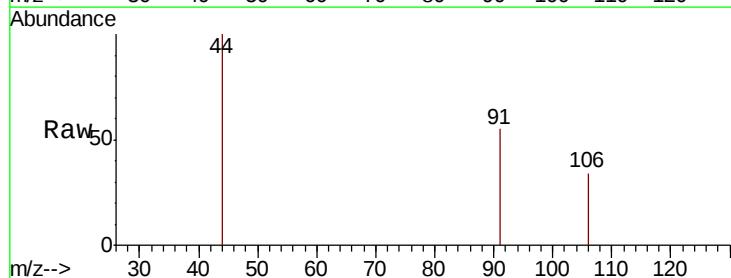
Instrument :
MSVOA_X
ClientSampled :
GW-03(3-5)

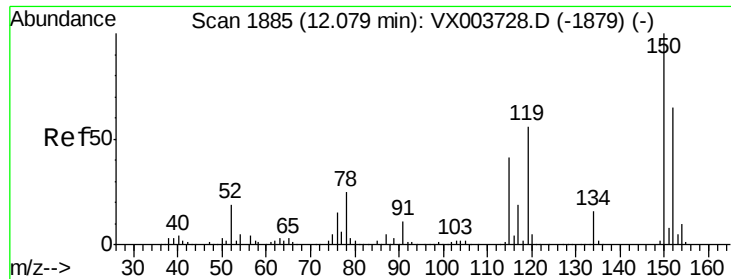
Tot Ion: 91 Resp: 22
Ion Ratio Lower Upper
91 100
106 0.0 25.4 38.2#



#69
o-Xylene
Concen: 1.11 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX003754.D
Acq: 31 Jul 2018 16:59

Tgt Ion: 106 Resp: 42
Ion Ratio Lower Upper
106 100
91 238.1 105.6 316.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003754.D

Acq: 31 Jul 2018 16:59

Instrument :

MSVOA_X

ClientSampled :

GW-03(3-5)

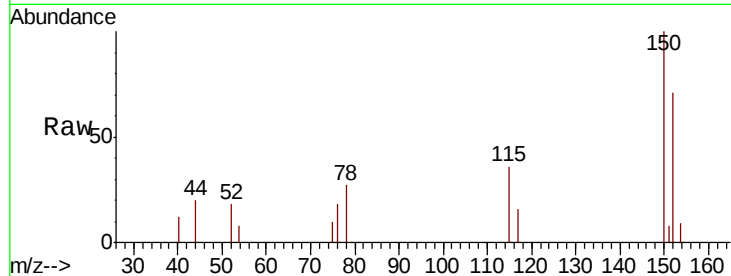
Tot Ion:152 Resp: 782

Ion Ratio Lower Upper

152 100

115 51.3 38.5 115.3

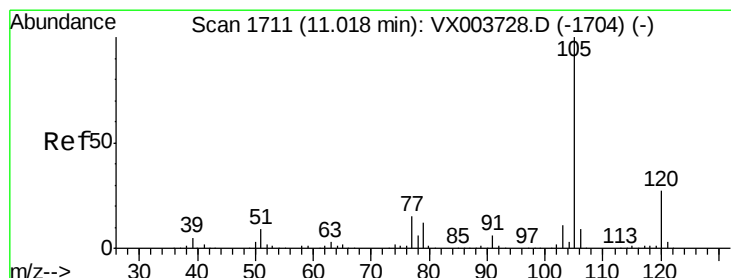
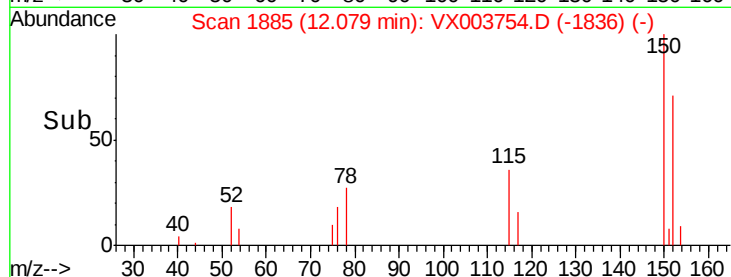
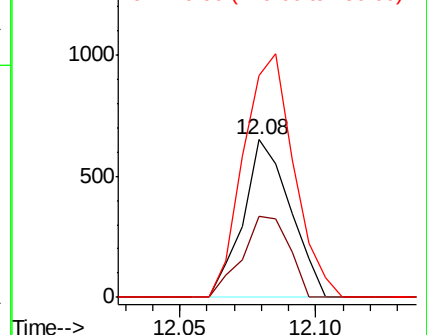
150 164.7 0.0 346.2



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: 3.27 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.01 min

Lab File: VX003754.D

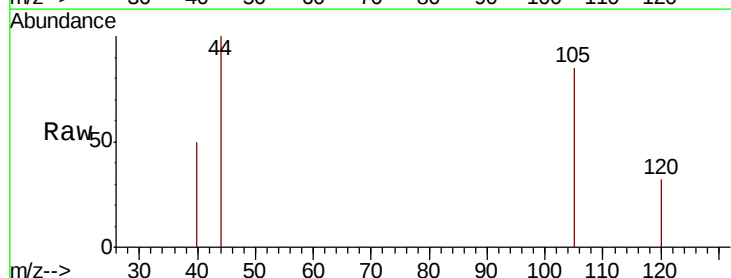
Acq: 31 Jul 2018 16:59

Tgt Ion:105 Resp: 160

Ion Ratio Lower Upper

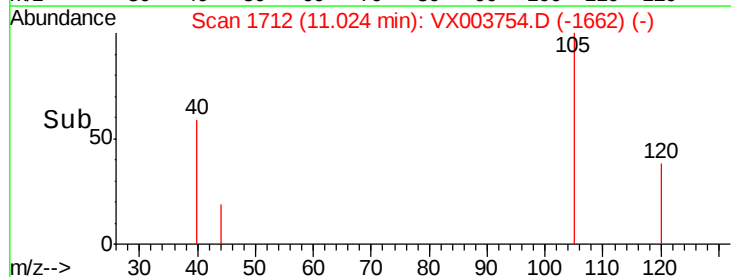
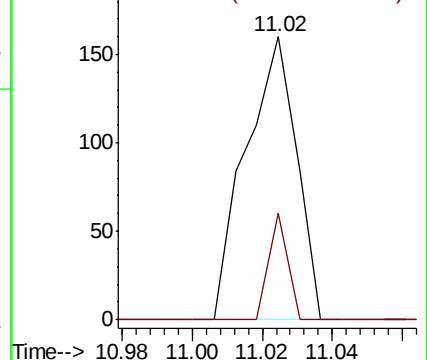
105 100

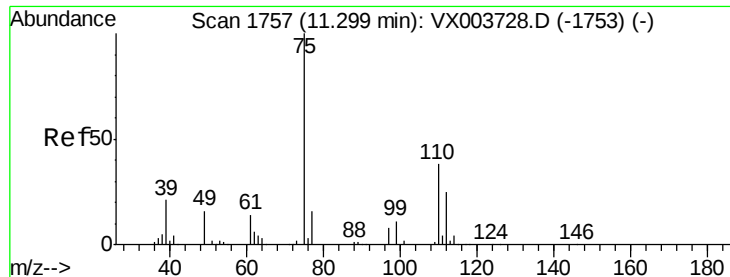
120 13.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 47.50 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003754.D

Acq: 31 Jul 2018 16:59

Instrument :

MSVOA_X

ClientSampled :

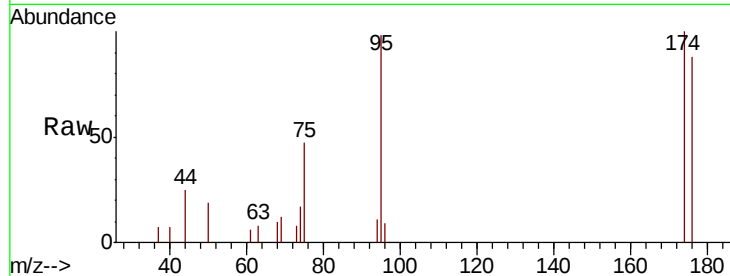
GW-03(3-5)

Tot Ion: 75 Resp: 512

Ion Ratio Lower Upper

75 100

77 0.0 21.6 65.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.14

400

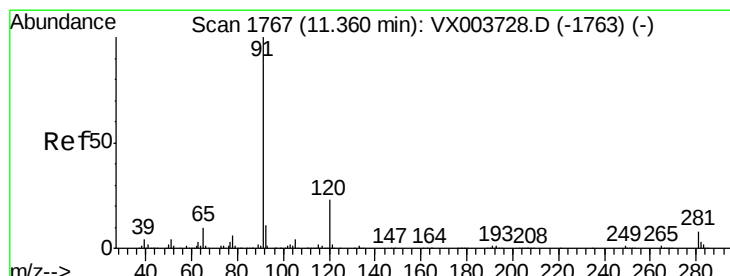
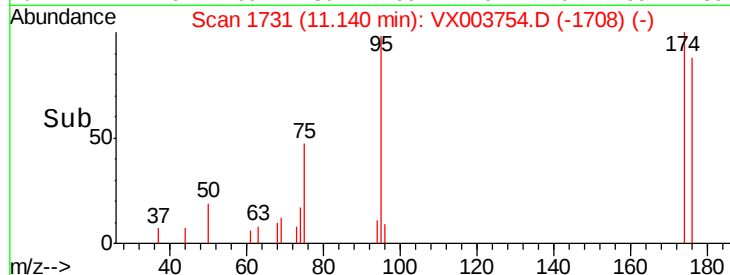
300

200

100

0

Time-->



#78

n-propylbenzene

Concen: 1.70 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003754.D

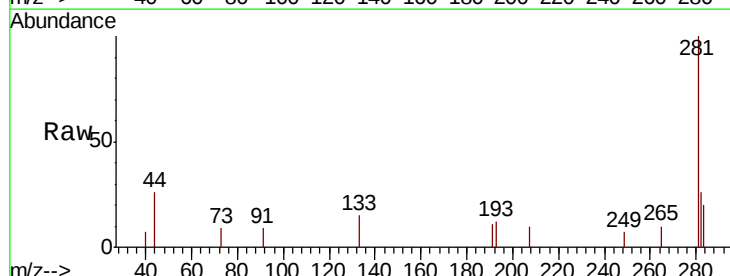
Acq: 31 Jul 2018 16:59

Tgt Ion: 91 Resp: 101

Ion Ratio Lower Upper

91 100

120 0.0 11.9 35.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

80

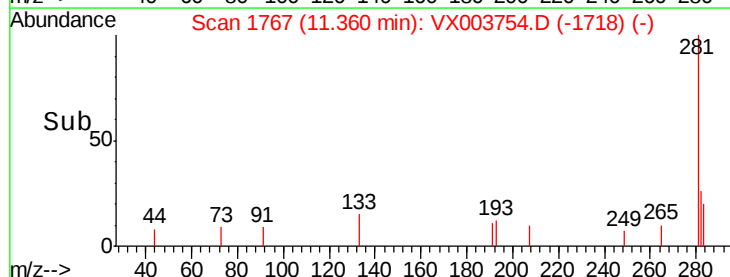
60

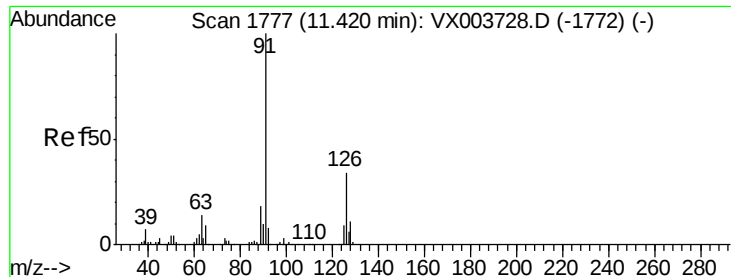
40

20

0

Time-->





#79

2-Chlorotoluene

Concen: 3.00 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.06 min

Lab File: VX003754.D

Acq: 31 Jul 2018 16:59

Instrument :

MSVOA_X

ClientSampled :

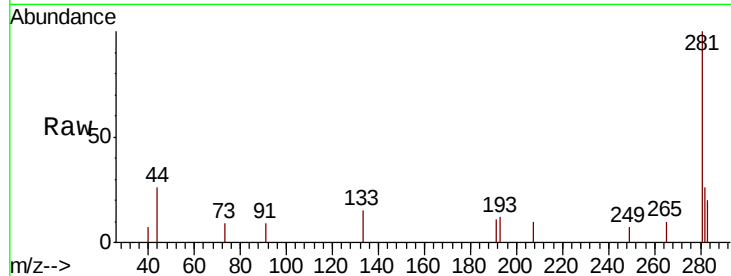
GW-03(3-5)

Tot Ion: 91 Resp: 101

Ion Ratio Lower Upper

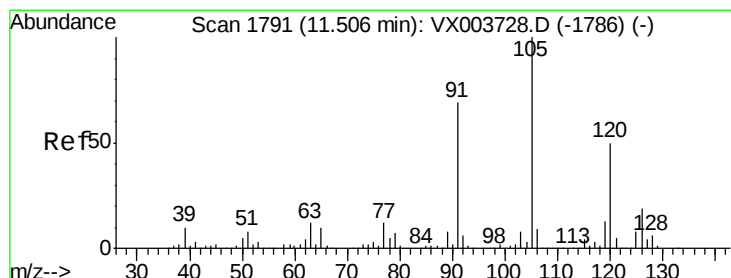
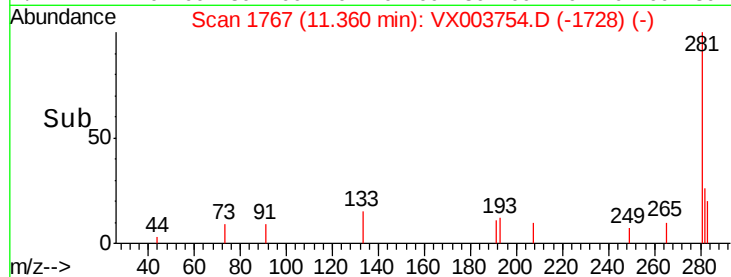
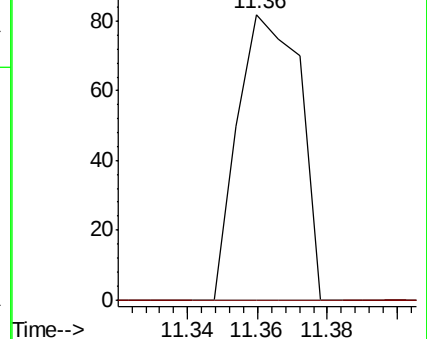
91 100

126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 8.71 ug/l

RT: 11.67 min Scan# 1818

Delta R.T. 0.16 min

Lab File: VX003754.D

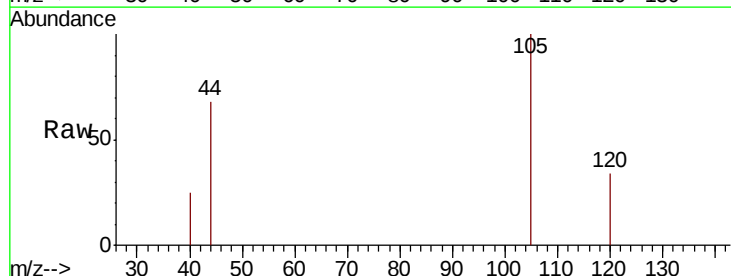
Acq: 31 Jul 2018 16:59

Tgt Ion:105 Resp: 364

Ion Ratio Lower Upper

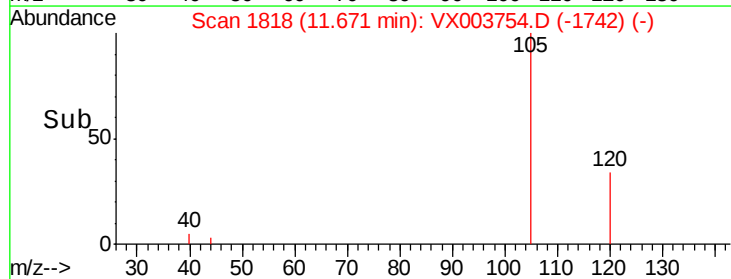
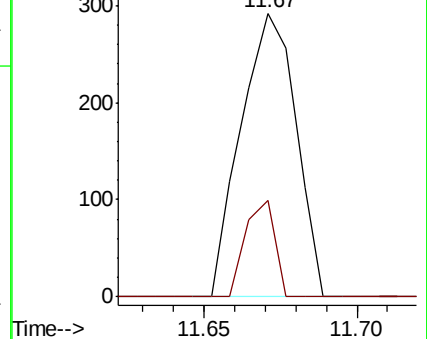
105 100

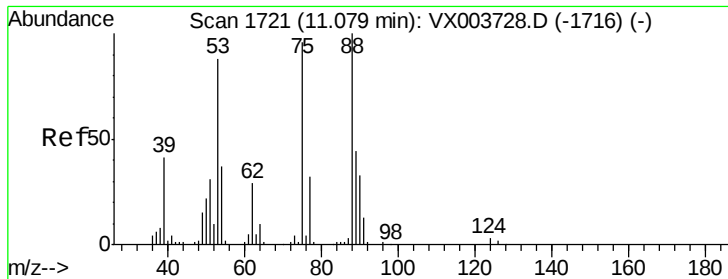
120 17.9 15.8 47.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 140.70 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003754.D

Acq: 31 Jul 2018 16:59

Instrument :

MSVOA_X

ClientSampled :

GW-03(3-5)

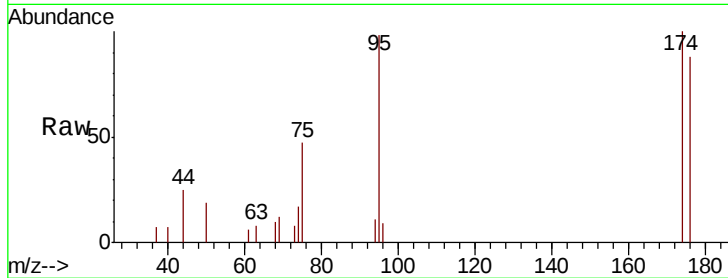
Tot Ion: 75 Resp: 512

Ion Ratio Lower Upper

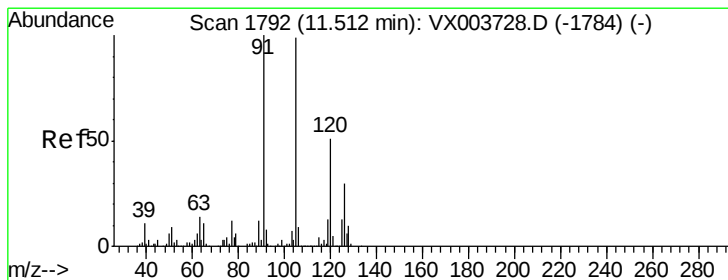
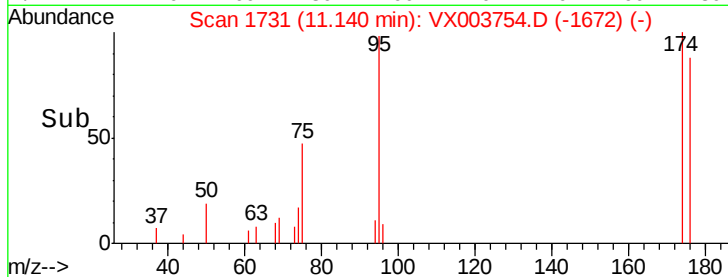
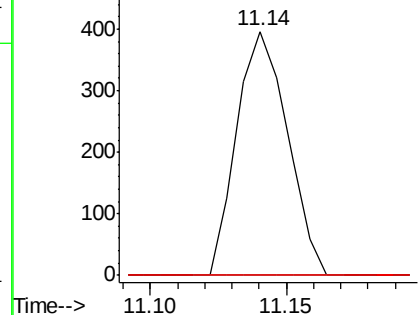
75 100

53 0.0 75.8 113.8#

89 0.0 39.1 58.7#



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: 2.47 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.15 min

Lab File: VX003754.D

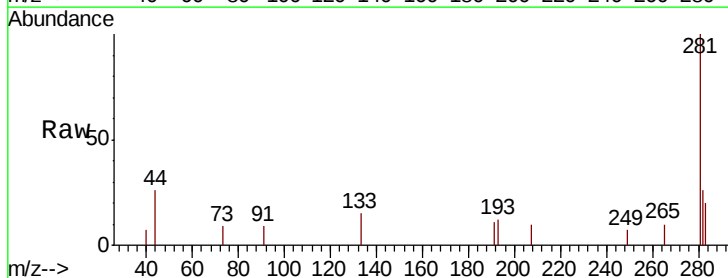
Acq: 31 Jul 2018 16:59

Tgt Ion: 91 Resp: 101

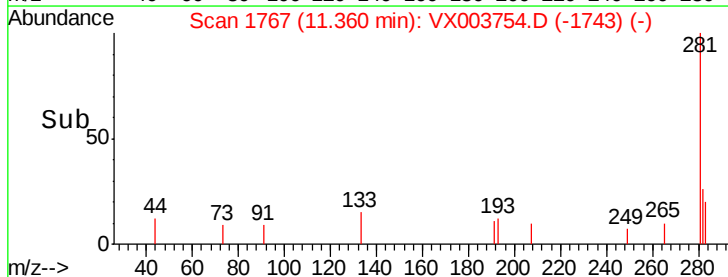
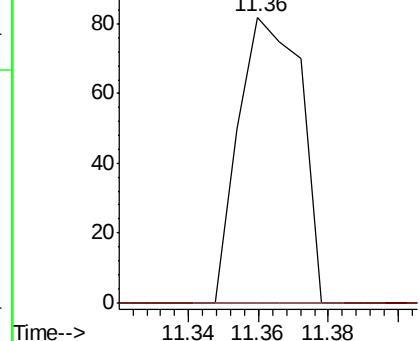
Ion Ratio Lower Upper

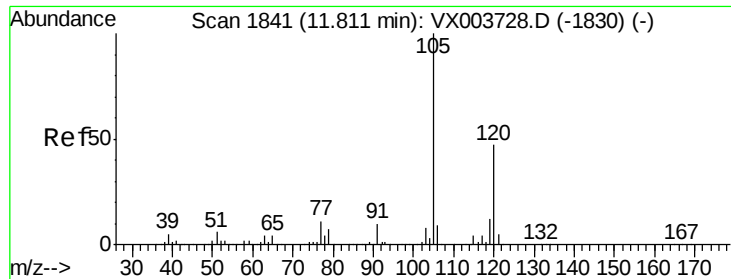
91 100

126 0.0 15.6 46.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

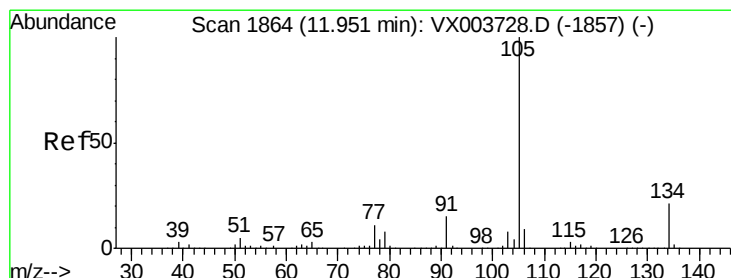
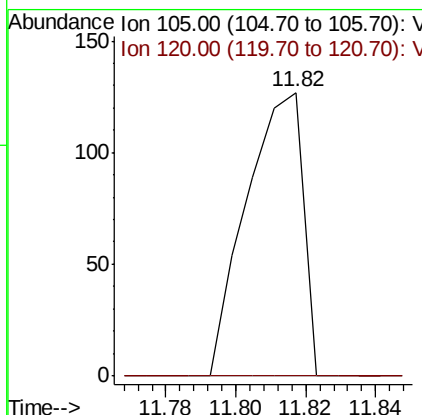
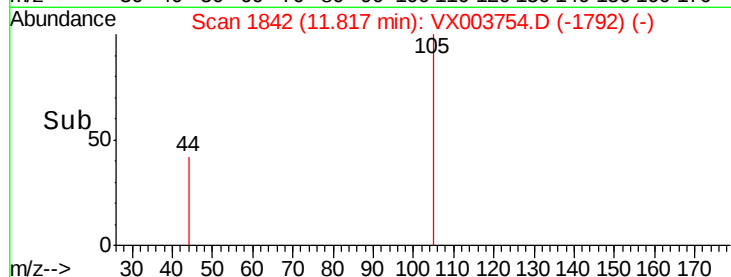
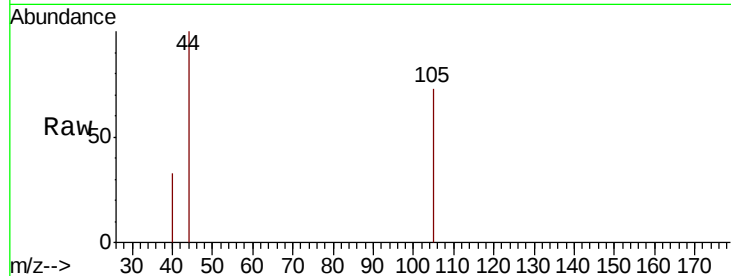




#84
 1,2,4-Trimethylbenzene
 Concen: 3.32 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX003754.D
 Acq: 31 Jul 2018 16:59

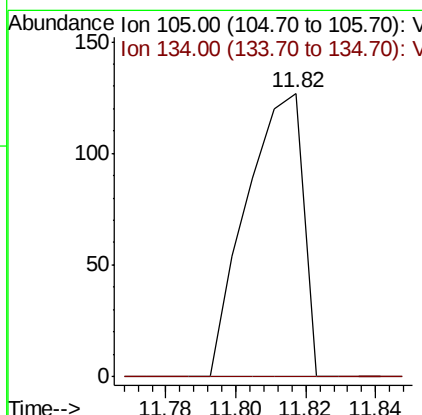
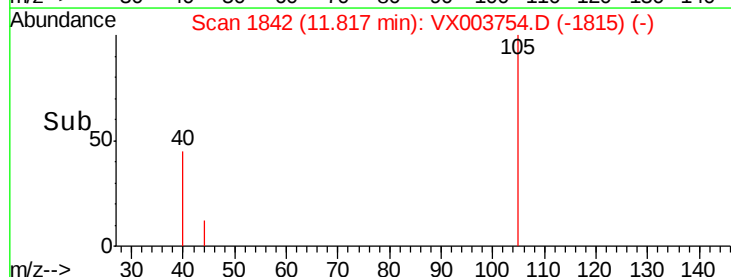
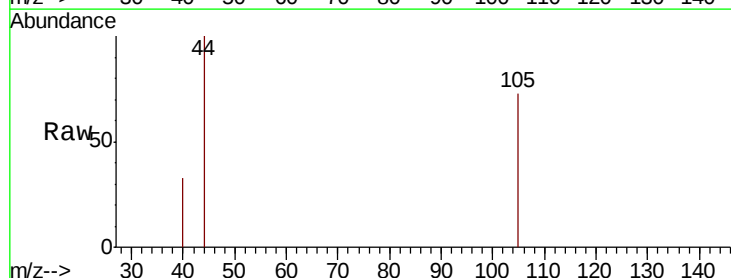
Instrument :
 MSVOA_X
 ClientSampled :
 GW-03(3-5)

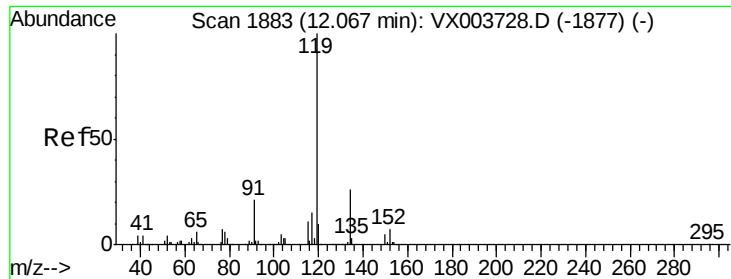
Tot Ion:105 Resp: 143
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.1 69.2#



#85
 sec-Butylbenzene
 Concen: 2.70 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.13 min
 Lab File: VX003754.D
 Acq: 31 Jul 2018 16:59

Tgt Ion:105 Resp: 143
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.8#





#86

p-Isopropyltoluene

Concen: 1.66 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003754.D

Acq: 31 Jul 2018 16:59

Instrument :

MSVOA_X

ClientSampled :

GW-03(3-5)

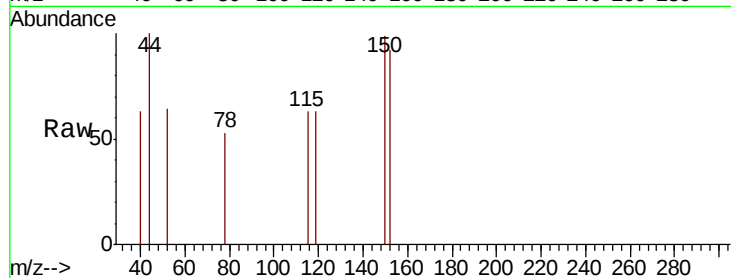
Tot Ion:119 Resp: 80

Ion Ratio Lower Upper

119 100

134 0.0 10.1 30.1#

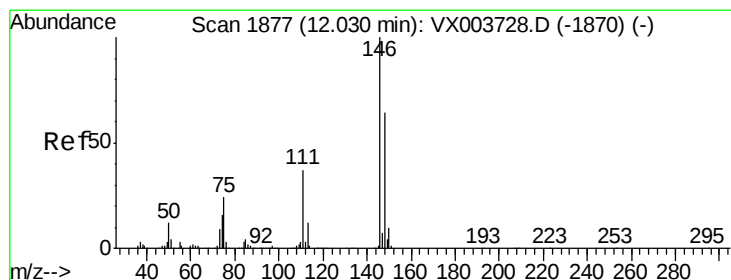
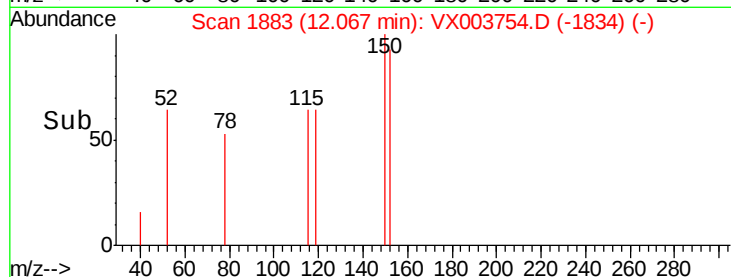
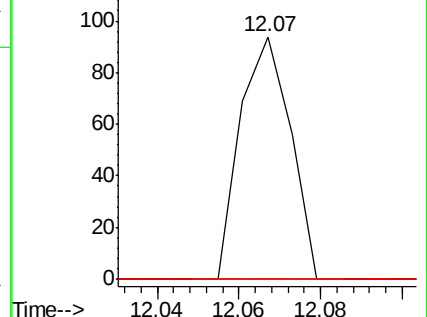
91 0.0 23.6 70.8#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 0.77 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. 0.07 min

Lab File: VX003754.D

Acq: 31 Jul 2018 16:59

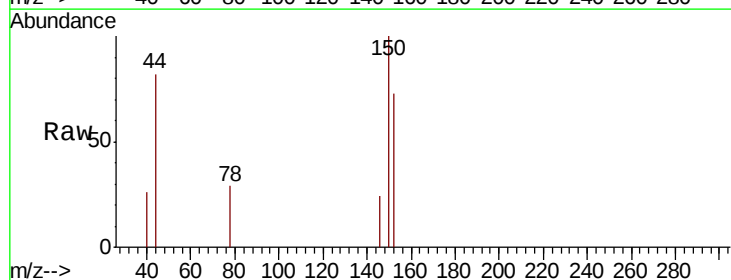
Tgt Ion:146 Resp: 20

Ion Ratio Lower Upper

146 100

111 0.0 18.8 56.3#

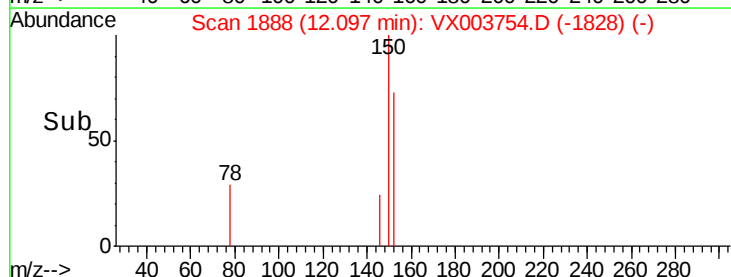
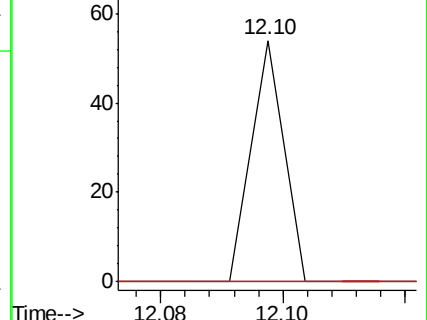
148 0.0 31.9 95.9#

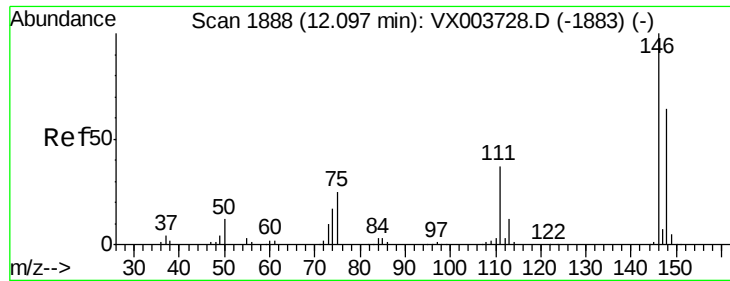


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 0.76 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VX003754.D

Acq: 31 Jul 2018 16:59

Instrument :

MSVOA_X

ClientSampleId :

GW-03(3-5)

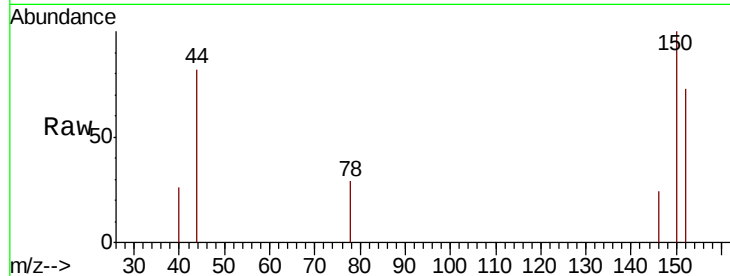
Tot Ion:146 Resp: 20

Ion Ratio Lower Upper

146 100

111 0.0 18.3 54.9#

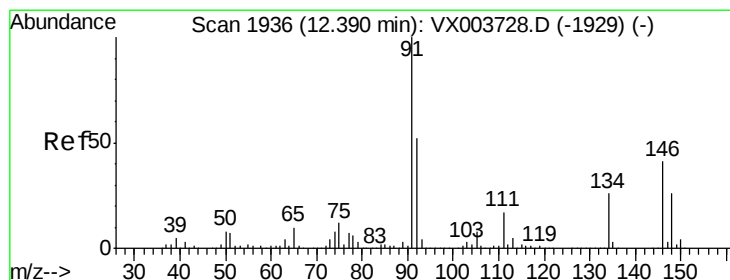
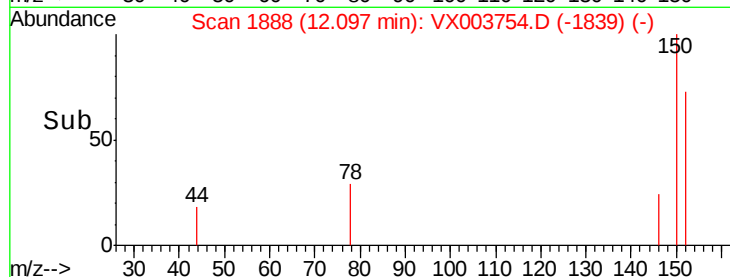
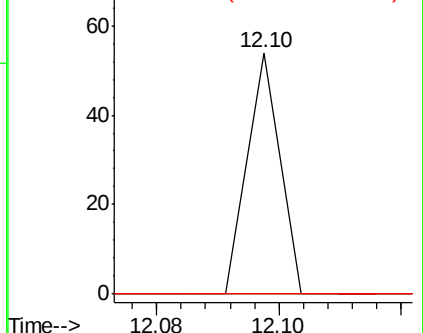
148 0.0 32.0 96.2#



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



#89

n-Butylbenzene

Concen: 1.68 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003754.D

Acq: 31 Jul 2018 16:59

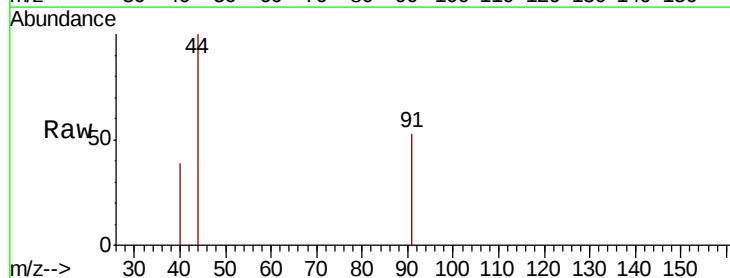
Tgt Ion: 91 Resp: 77

Ion Ratio Lower Upper

91 100

92 0.0 26.2 78.5#

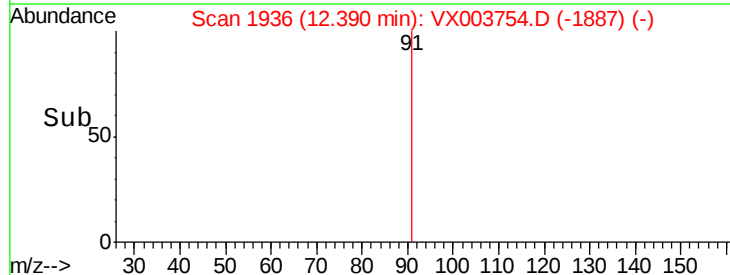
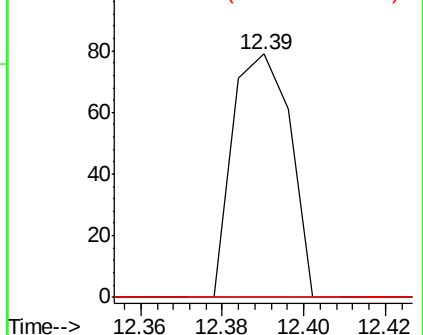
134 0.0 13.6 40.7#

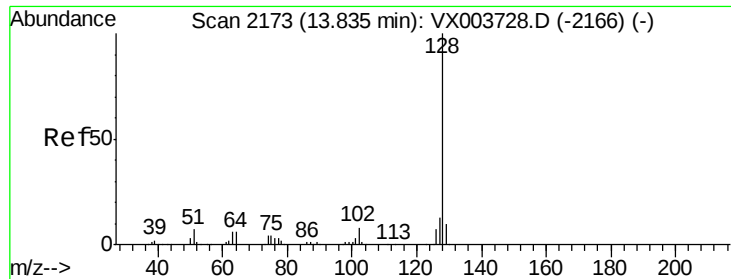


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#95

Naphthalene

Concen: 1.40 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX003754.D

Acq: 31 Jul 2018 16:59

Instrument :

MSVOA_X

ClientSampleId :

GW-03(3-5)

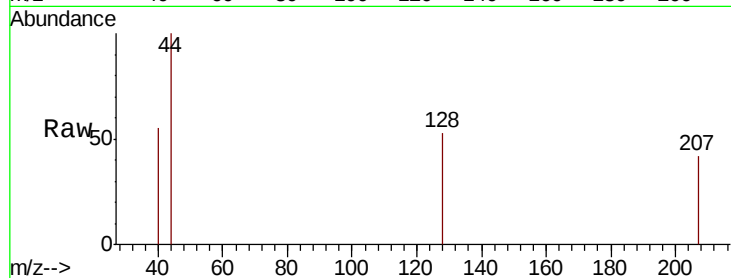
Tot Ion:128 Resp: 57

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

