

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040818\
 Data File : VX000733.D
 Acq On : 08 Apr 2018 16:04
 Operator : JC/MD
 Sample : J2190-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16-040218

Quant Time: Apr 09 06:41:53 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	449383	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	419768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	245305	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	164514	44.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.72%	
35) Dibromofluoromethane	5.51	113	137427	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
50) Toluene-d8	8.73	98	517279	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
62) 4-Bromofluorobenzene	11.15	95	212217	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	

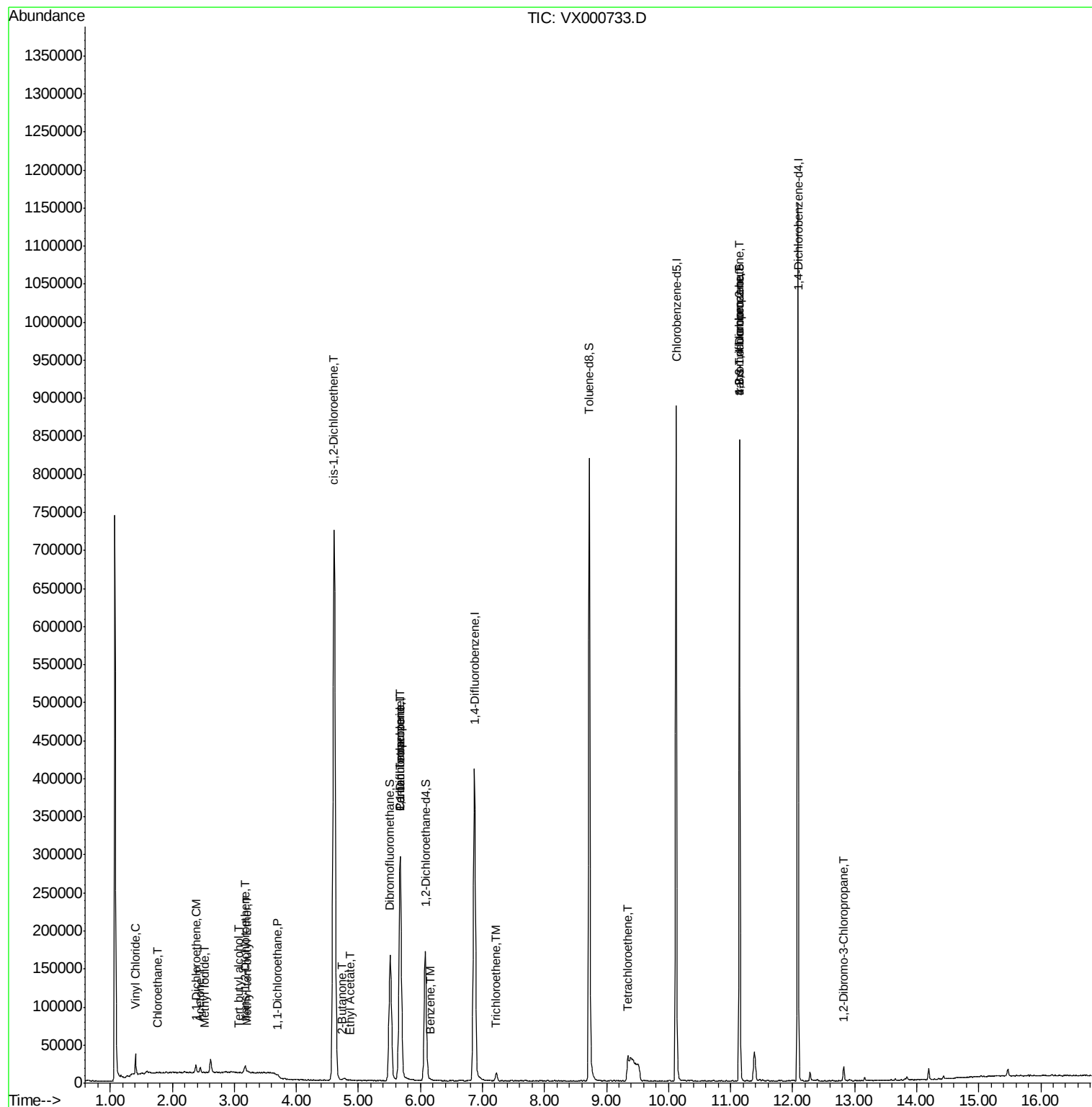
Target Compounds				Qvalue		
3) Chloromethane	1.33	50	283	Below Cal	#	70
4) Vinyl Chloride	1.40	62	16431	6.23	ug/l	98
5) Bromomethane	1.65	94	189	Below Cal	#	73
6) Chloroethane	1.76	64	377	0.23	ug/l	53
8) Diethyl Ether	2.20	74	117	Below Cal		85
10) Methyl Iodide	2.52	142	255	5.44	ug/l	83
11) Tert butyl alcohol	3.06	59	593	0.94	ug/l	72
12) 1,1-Dichloroethene	2.38	96	3229	1.42	ug/l	99
16) Acetone	2.45	43	8245	7.09	ug/l	95
17) Carbon Disulfide	2.57	76	337	Below Cal	#	75
19) Methyl tert-butyl Ether	3.21	73	2366	0.28	ug/l	98
20) Methylene Chloride	2.86	84	648	Below Cal	#	88
21) trans-1,2-Dichloroethene	3.17	96	4140	1.70	ug/l	94
24) 1,1-Dichloroethane	3.70	63	3512	0.75	ug/l	96
25) 2-Butanone	4.73	43	512	0.25	ug/l	52
27) cis-1,2-Dichloroethene	4.61	96	473535	152.44	ug/l	87
28) Bromochloromethane	5.23	49	23	Below Cal	#	9
31) Cyclohexane	5.57	56	1128	Below Cal	#	83
36) 1,1-Dichloropropene	5.67	75	19817	5.15	ug/l	50
37) Ethyl Acetate	4.87	43	1096	0.26	ug/l	69
38) Carbon Tetrachloride	5.67	117	27990	6.21	ug/l	16
39) Methylcyclohexane	7.46	83	178	Below Cal	#	17
40) Benzene	6.15	78	2444	0.23	ug/l	100
44) Trichloroethene	7.23	130	4208	1.28	ug/l	88
64) Tetrachloroethene	9.34	164	1333	0.41	ug/l	93
76) 1,2,3-Trichloropropane	11.14	75	104097	24.94	ug/l	35
81) trans-1,4-Dichloro-2-buten	11.14	75	104097	64.94	ug/l	11
92) 1,2-Dibromo-3-Chloropropan	12.83	75	416	0.36	ug/l	7

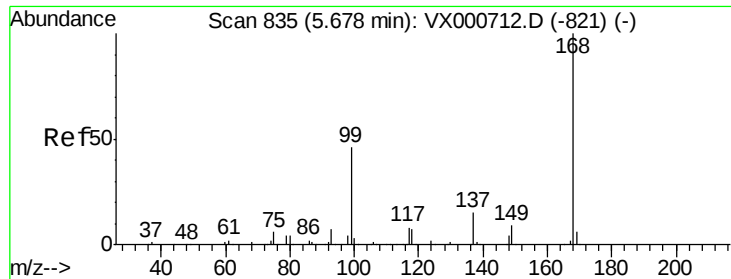
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000733.D

Acq: 08 Apr 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

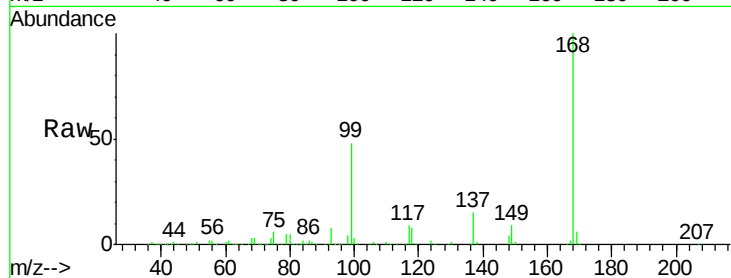
MW-16-040218

Tgt Ion:168 Resp: 324278

Ion Ratio Lower Upper

168 100

99 48.3 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

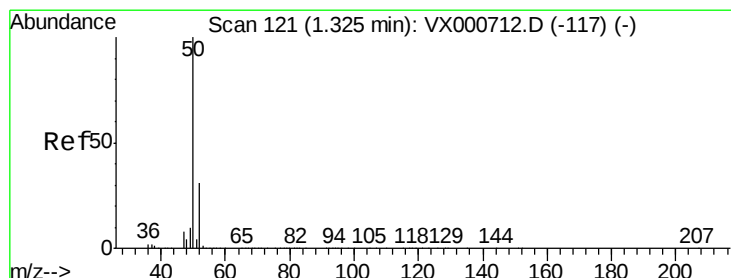
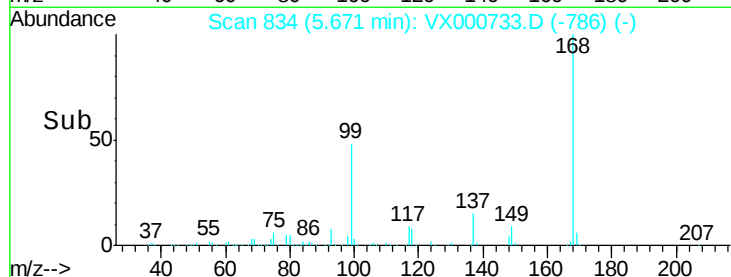
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX000733.D

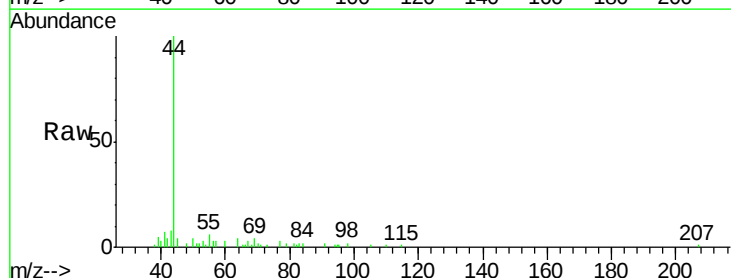
Acq: 08 Apr 2018 16:04

Tgt Ion: 50 Resp: 283

Ion Ratio Lower Upper

50 100

52 47.7 24.9 37.3#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

250

200

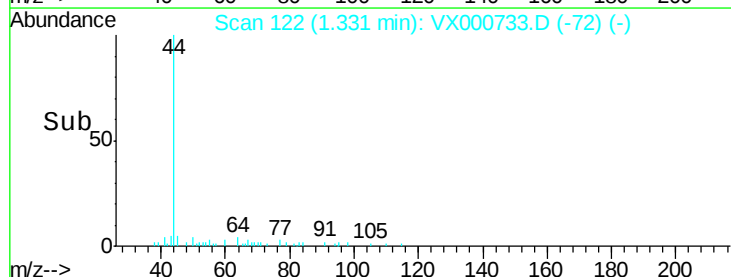
150

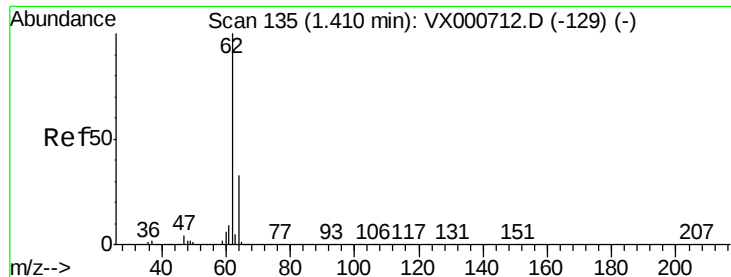
100

50

0

Time-->





#4

Vinyl Chloride

Concen: 6.23 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000733.D

Acq: 08 Apr 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

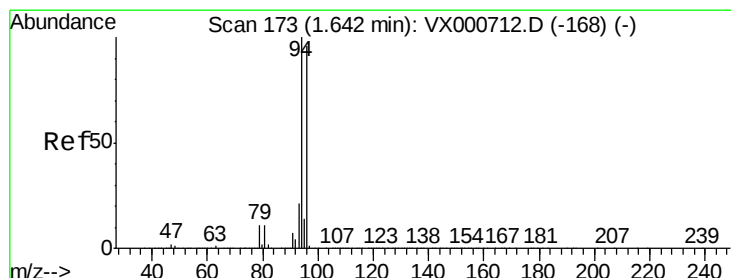
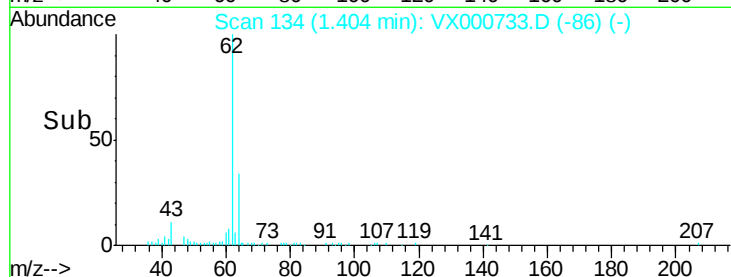
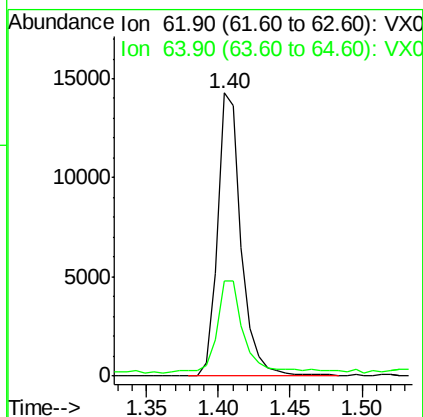
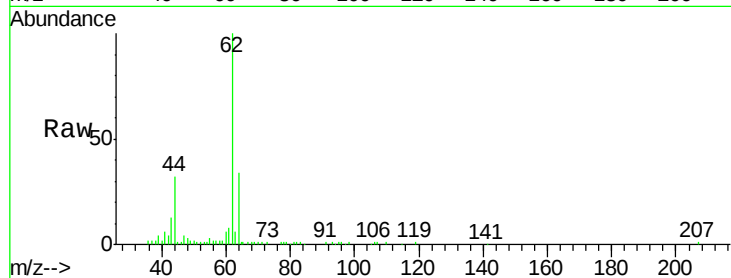
MW-16-040218

Tgt Ion: 62 Resp: 16431

Ion Ratio Lower Upper

62 100

64 31.8 26.2 39.2



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.01 min

Lab File: VX000733.D

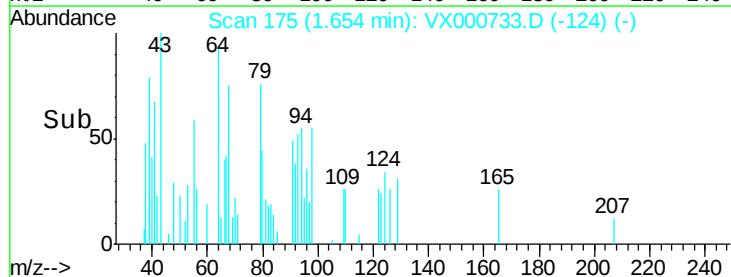
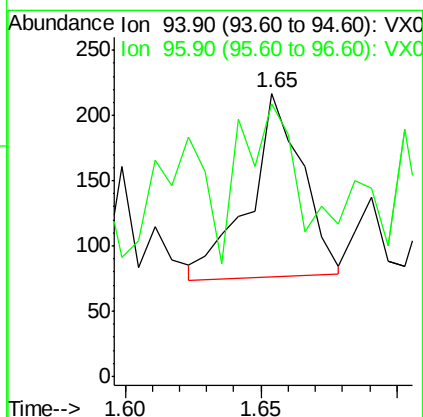
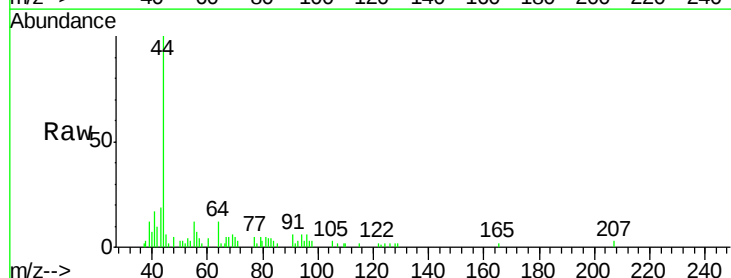
Acq: 08 Apr 2018 16:04

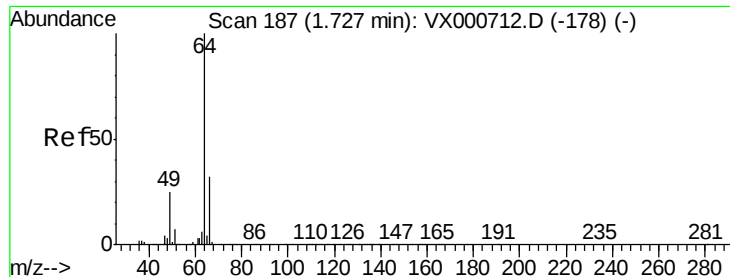
Tgt Ion: 94 Resp: 189

Ion Ratio Lower Upper

94 100

96 69.2 76.5 114.7#





#6

Chloroethane

Concen: 0.23 ug/l

RT: 1.76 min Scan# 192

Delta R.T. 0.03 min

Lab File: VX000733.D

Acq: 08 Apr 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

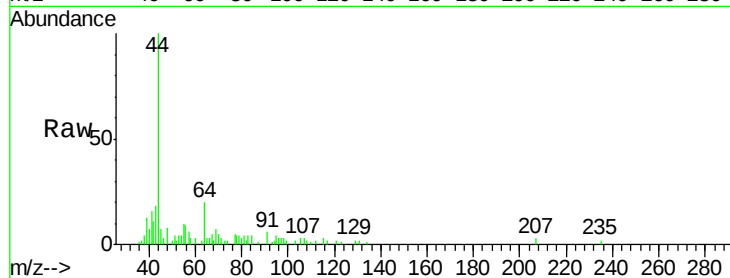
MW-16-040218

Tgt Ion: 64 Resp: 377

Ion Ratio Lower Upper

64 100

66 5.6 25.4 38.2#

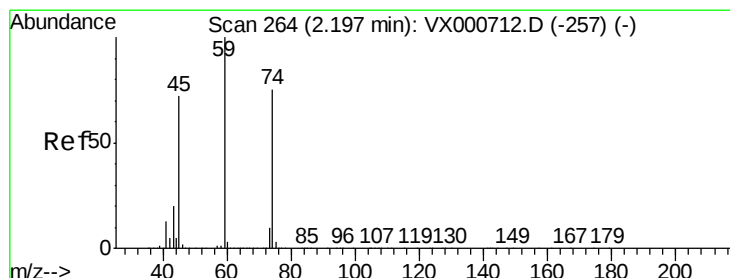
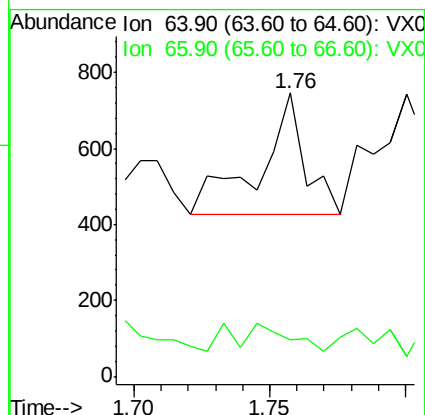
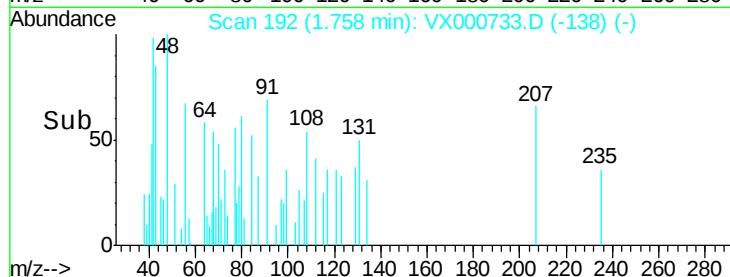


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.76

Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 2.20 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX000733.D

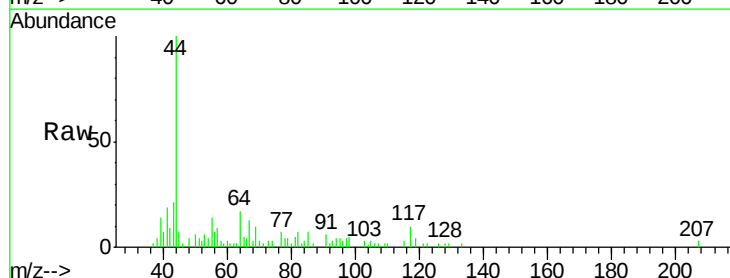
Acq: 08 Apr 2018 16:04

Tgt Ion: 74 Resp: 117

Ion Ratio Lower Upper

74 100

45 112.0 48.4 145.3

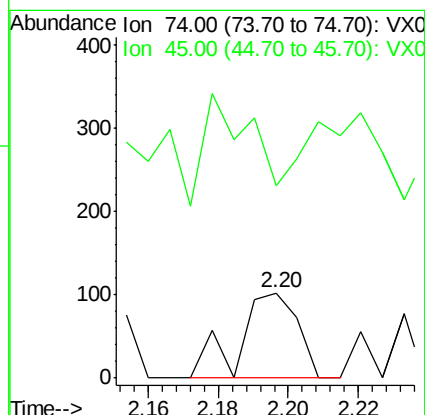
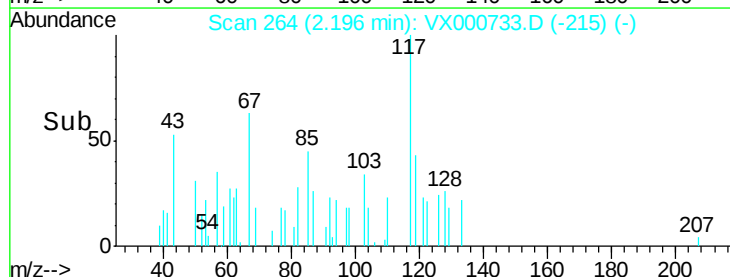


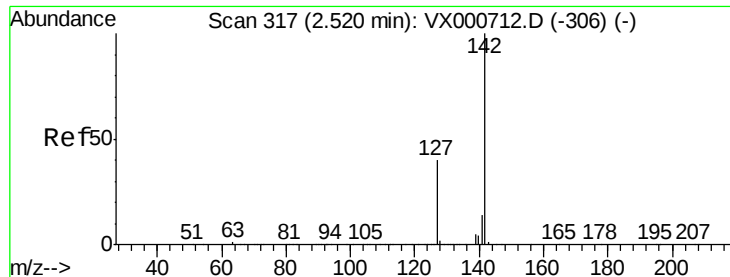
Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.20

Time-->

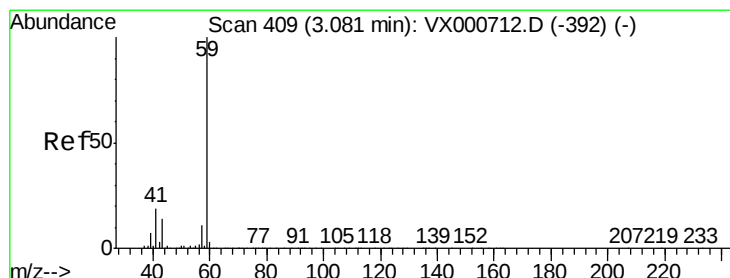
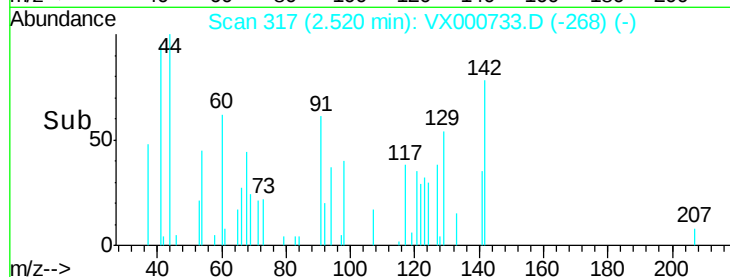
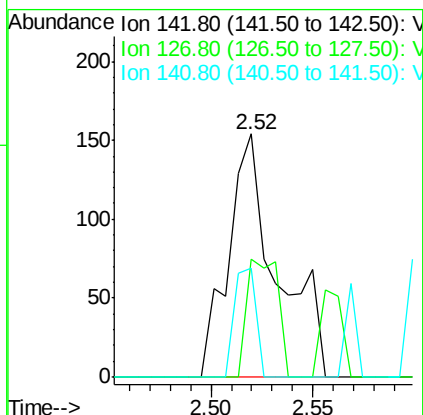
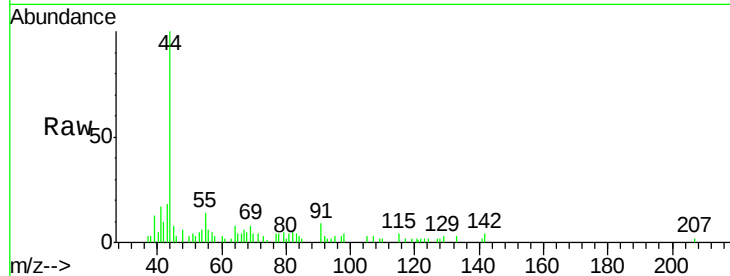




#10
Methyl Iodide
Concen: 5.44 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX000733.D
Acq: 08 Apr 2018 16:04

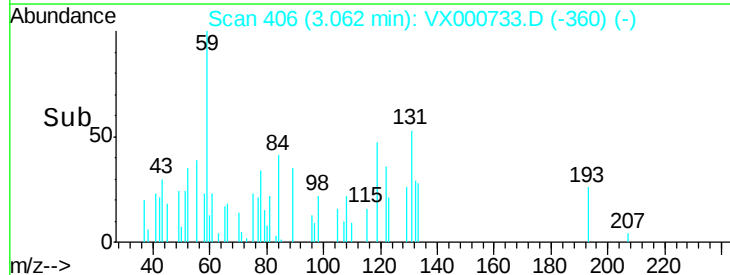
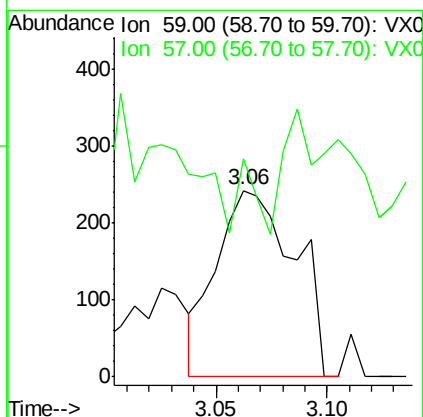
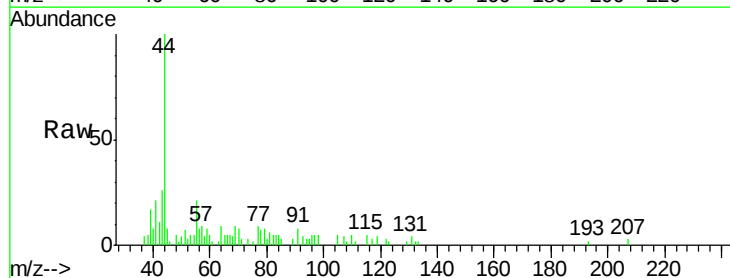
Instrument :
MSVOA_X
ClientSampleId :
MW-16-040218

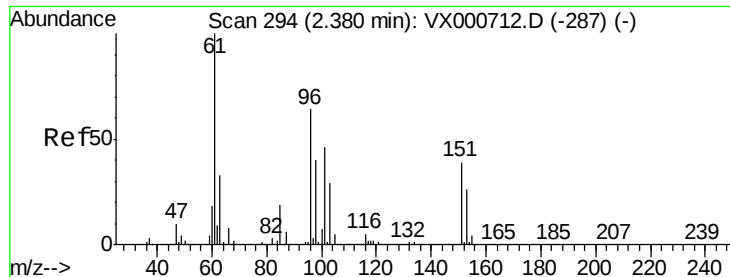
Tgt Ion:142 Resp: 255
Ion Ratio Lower Upper
142 100
127 31.0 33.9 50.9#
141 19.2 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.94 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX000733.D
Acq: 08 Apr 2018 16:04

Tgt Ion: 59 Resp: 593
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#





#12

1,1-Dichloroethene

Concen: 1.42 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX000733.D

Acq: 08 Apr 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

MW-16-040218

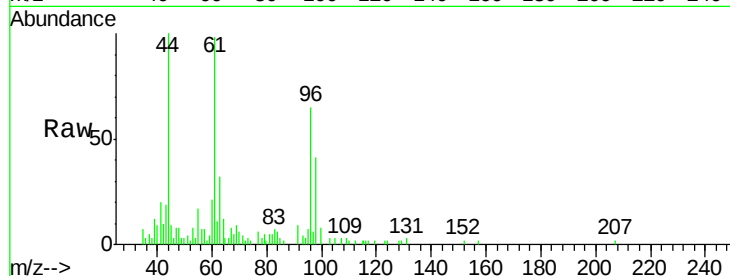
Tgt Ion: 96 Resp: 3229

Ion Ratio Lower Upper

96 100

61 156.5 125.0 187.4

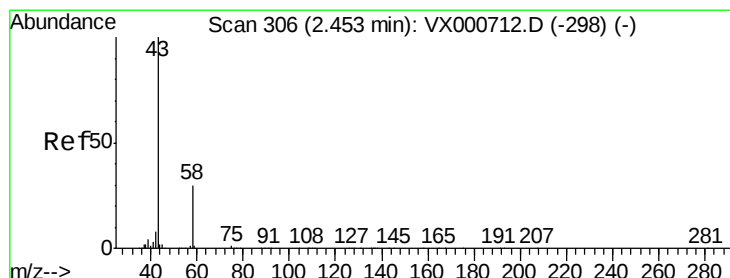
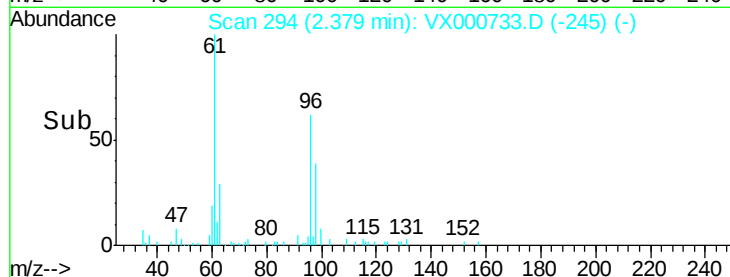
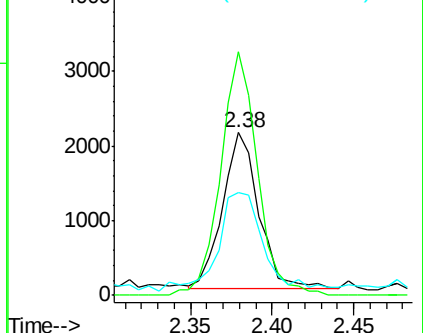
98 61.1 50.5 75.7



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



#16

Acetone

Concen: 7.09 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000733.D

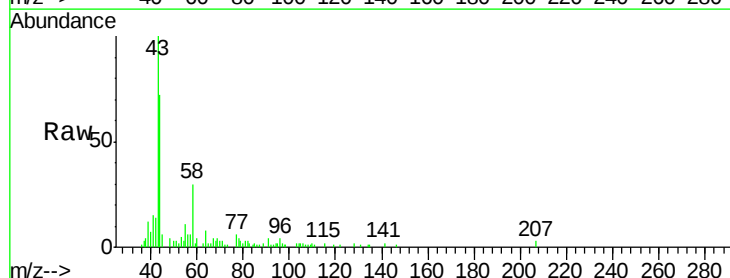
Acq: 08 Apr 2018 16:04

Tgt Ion: 43 Resp: 8245

Ion Ratio Lower Upper

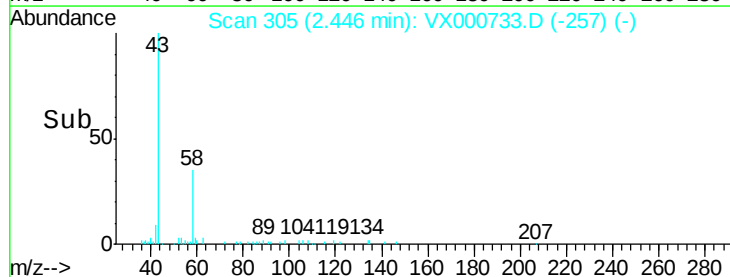
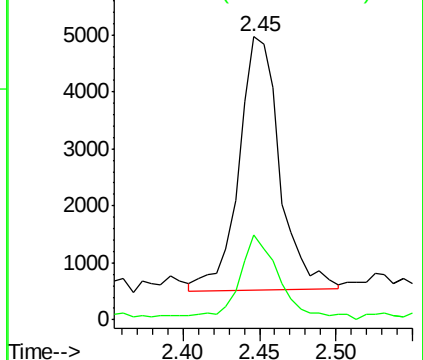
43 100

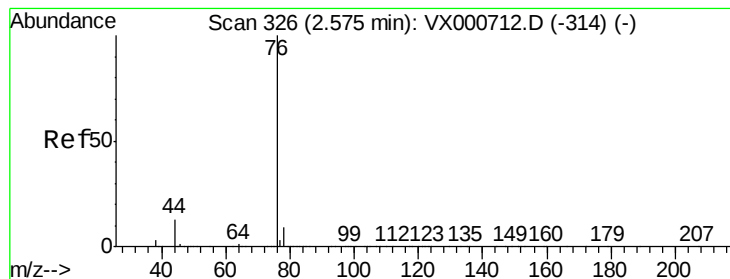
58 32.6 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX000733.D

Acq: 08 Apr 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

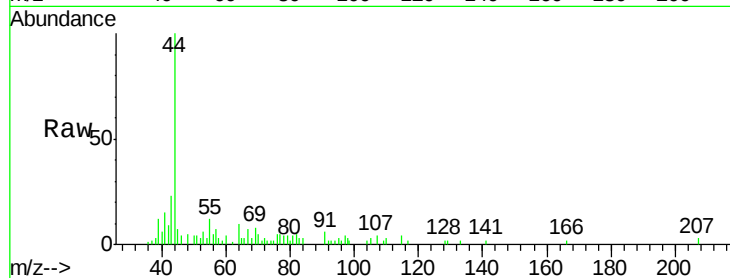
MW-16-040218

Tgt Ion: 76 Resp: 337

Ion Ratio Lower Upper

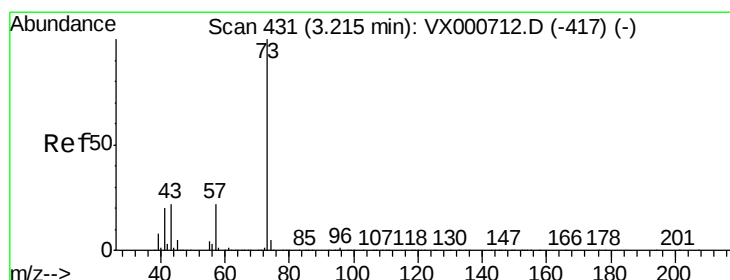
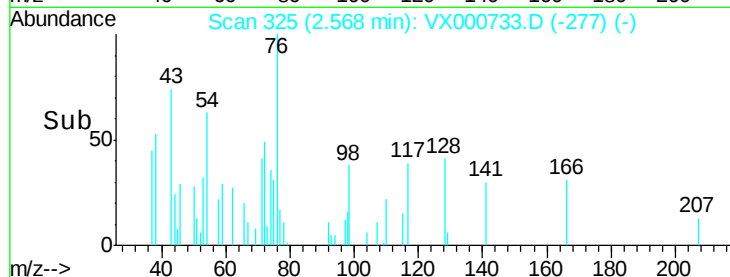
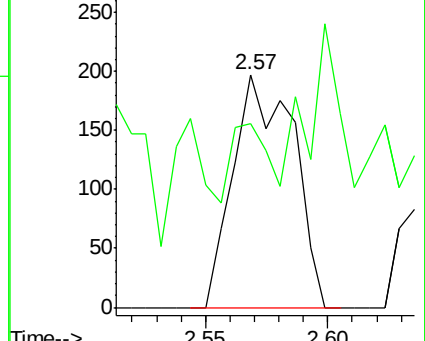
76 100

78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#19

Methyl tert-butyl Ether

Concen: 0.28 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX000733.D

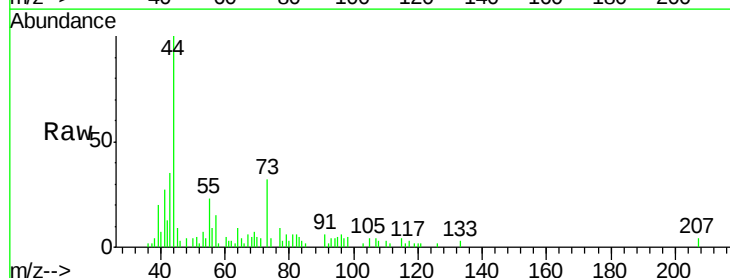
Acq: 08 Apr 2018 16:04

Tgt Ion: 73 Resp: 2366

Ion Ratio Lower Upper

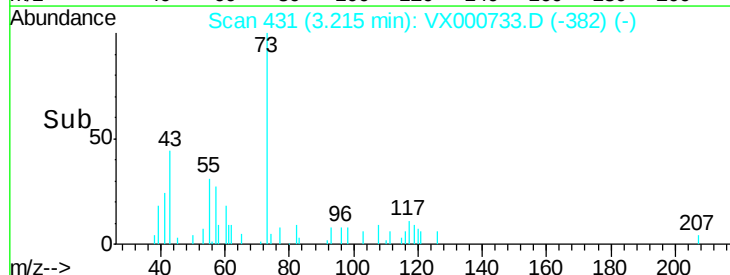
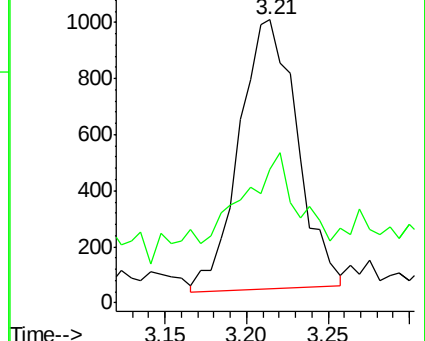
73 100

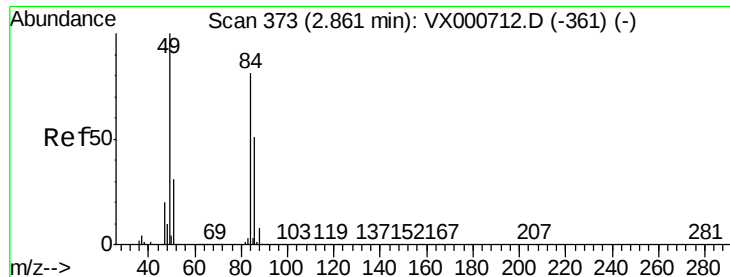
57 22.3 17.3 25.9



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

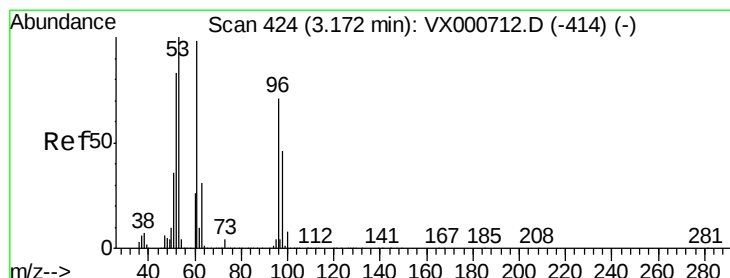
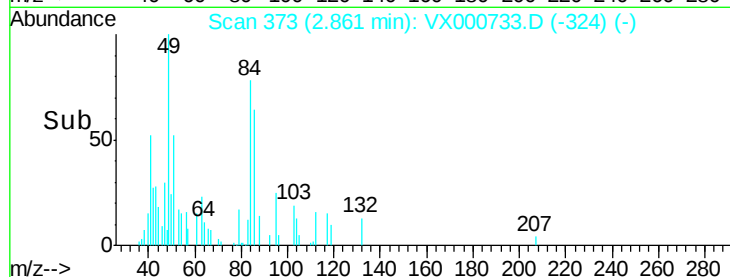
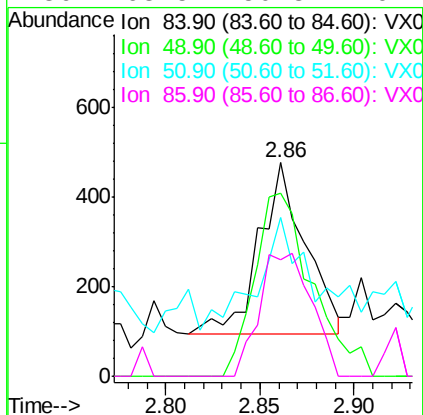
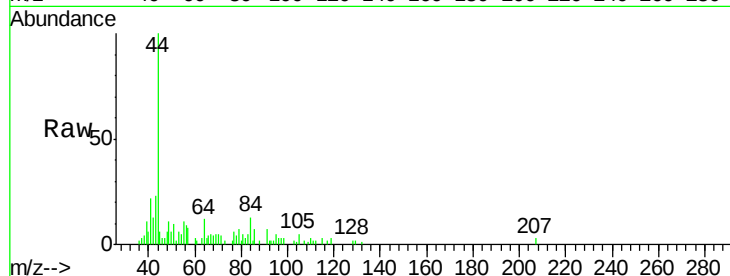




#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000733.D
Acq: 08 Apr 2018 16:04

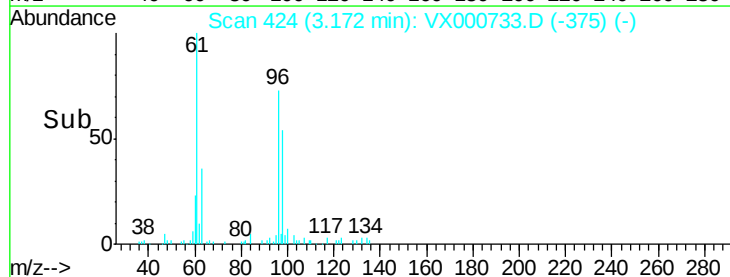
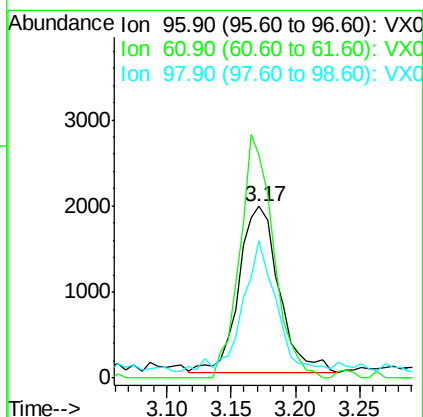
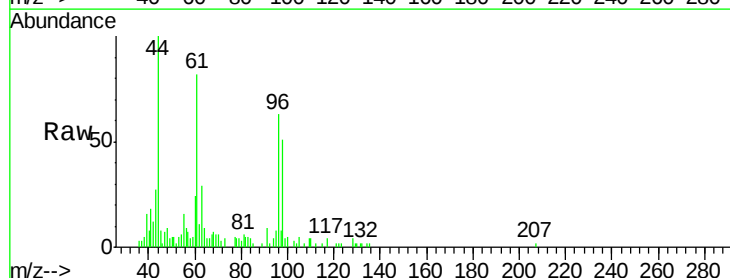
Instrument :
MSVOA_X
ClientSampleId :
MW-16-040218

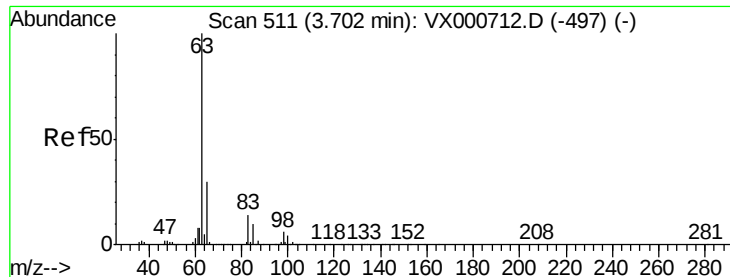
Tgt Ion: 84 Resp: 648
Ion Ratio Lower Upper
84 100
49 107.1 98.6 148.0
51 46.5 30.8 46.2#
86 68.5 50.8 76.2



#21
trans-1,2-Dichloroethene
Concen: 1.70 ug/l
RT: 3.17 min Scan# 424
Delta R.T. -0.00 min
Lab File: VX000733.D
Acq: 08 Apr 2018 16:04

Tgt Ion: 96 Resp: 4140
Ion Ratio Lower Upper
96 100
61 134.6 109.8 164.6
98 75.3 51.5 77.3





#24

1,1-Dichloroethane

Concen: 0.75 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX000733.D

Acq: 08 Apr 2018 16:04

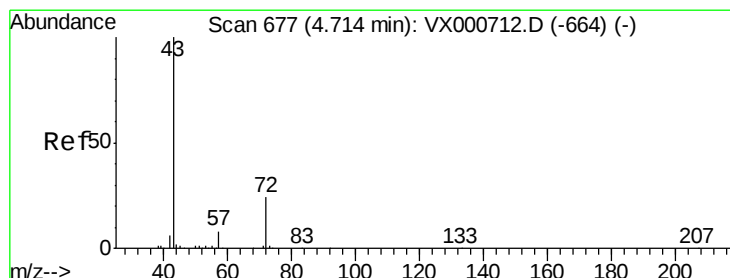
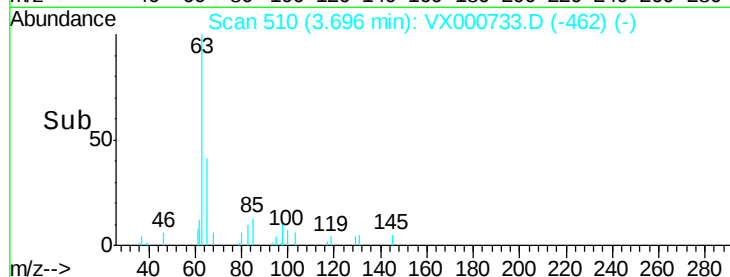
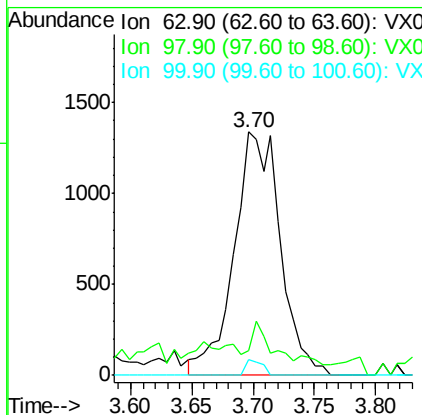
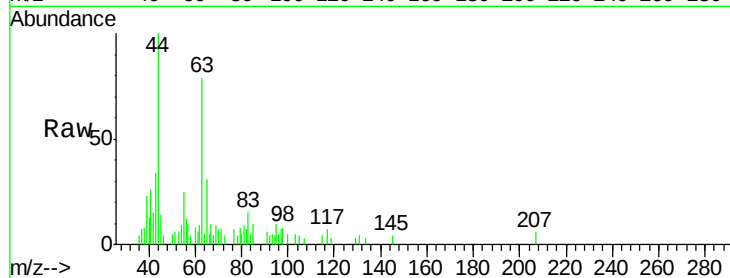
Instrument :

MSVOA_X

ClientSampleId :

MW-16-040218

Tgt Ion:	63	Resp:	3512
Ion	Ratio	Lower	Upper
63	100		
98	5.2	2.9	8.8
100	6.3	2.1	6.3#



#25

2-Butanone

Concen: 0.25 ug/l

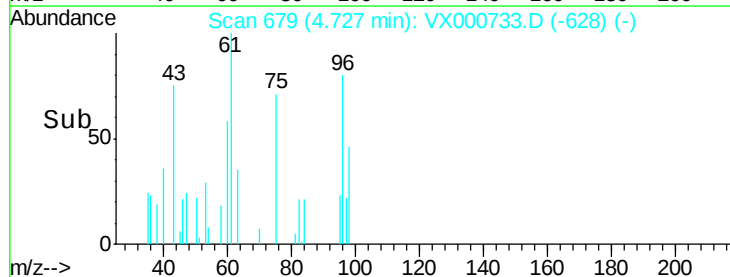
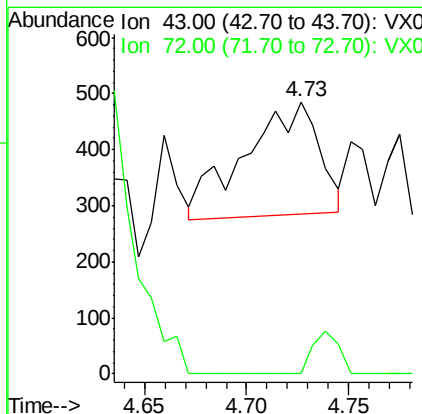
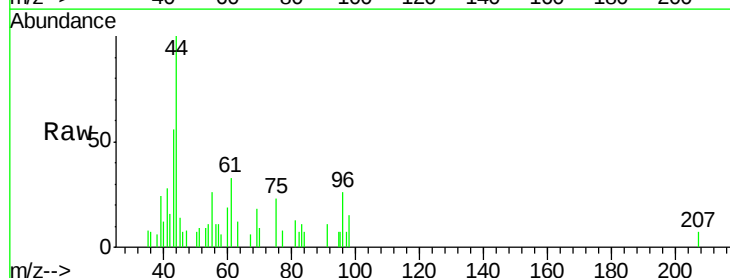
RT: 4.73 min Scan# 679

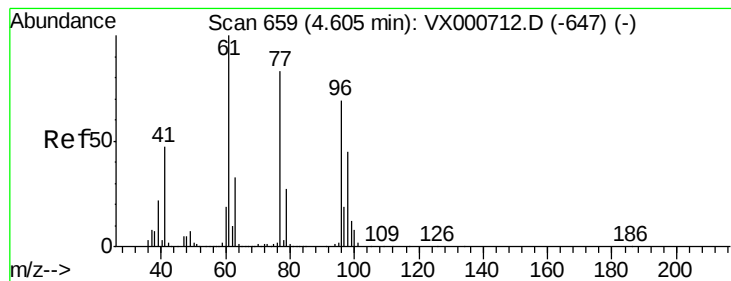
Delta R.T. 0.01 min

Lab File: VX000733.D

Acq: 08 Apr 2018 16:04

Tgt Ion:	43	Resp:	512
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.0	28.4#





#27

cis-1,2-Dichloroethene

Concen: 152.44 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000733.D

Acq: 08 Apr 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

MW-16-040218

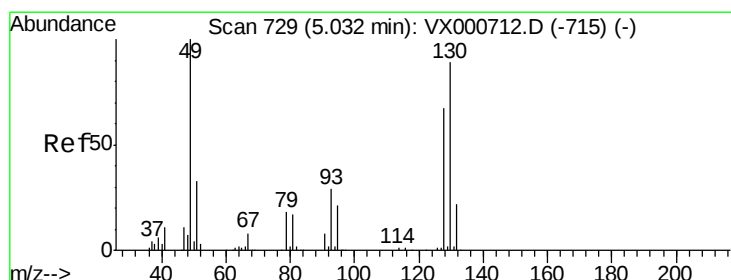
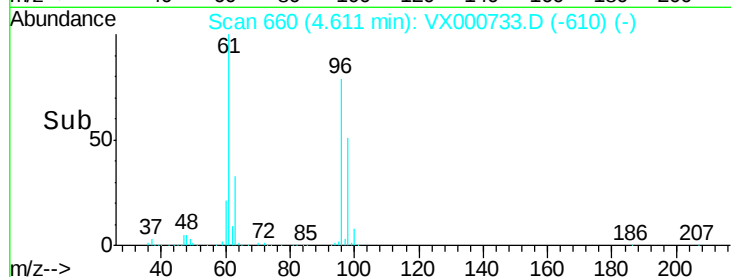
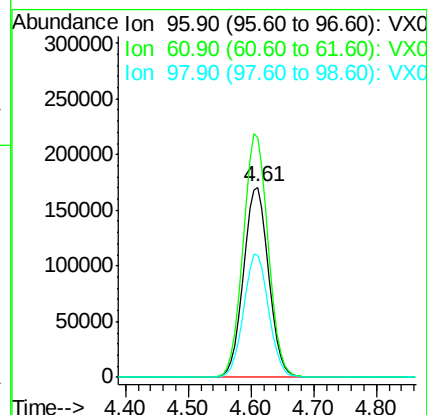
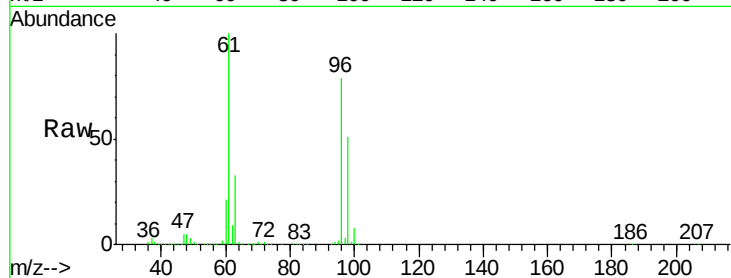
Tgt Ion: 96 Resp: 473535

Ion Ratio Lower Upper

96 100

61 127.5 0.0 301.0

98 64.8 0.0 129.6



#28

Bromochloromethane

Concen: Below Cal

RT: 5.23 min Scan# 761

Delta R.T. 0.20 min

Lab File: VX000733.D

Acq: 08 Apr 2018 16:04

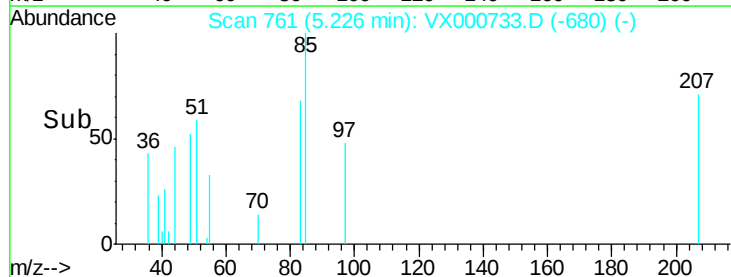
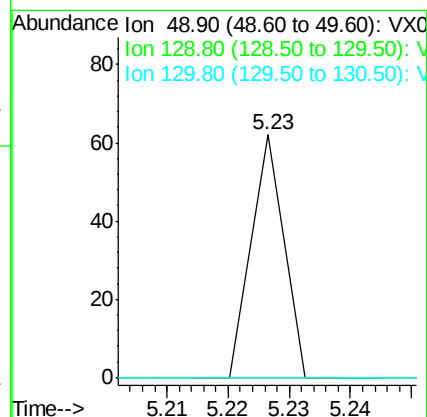
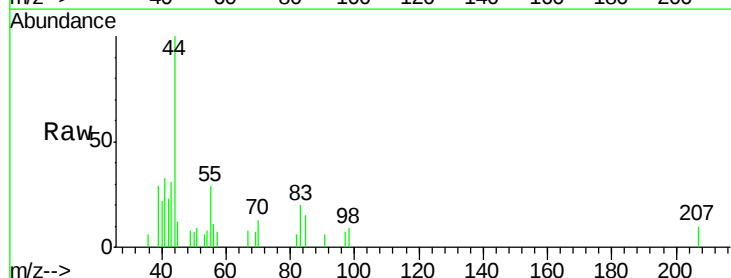
Tgt Ion: 49 Resp: 23

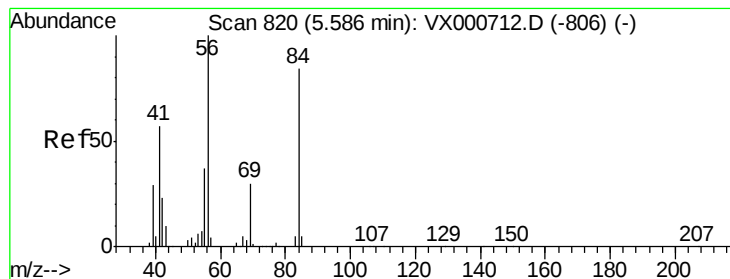
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.4

130 0.0 69.0 103.4#





#31

Cyclohexane

Concen: Below Cal

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX000733.D

Acq: 08 Apr 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

MW-16-040218

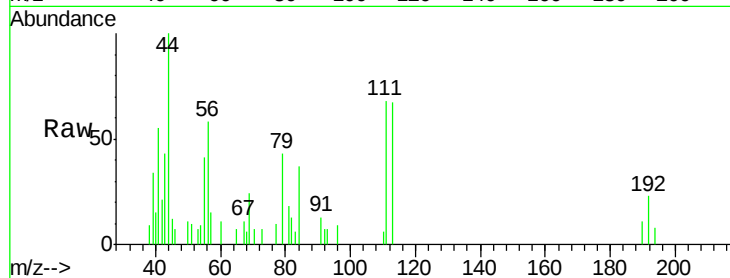
Tgt Ion: 56 Resp: 1128

Ion Ratio Lower Upper

56 100

69 27.0 23.8 35.6

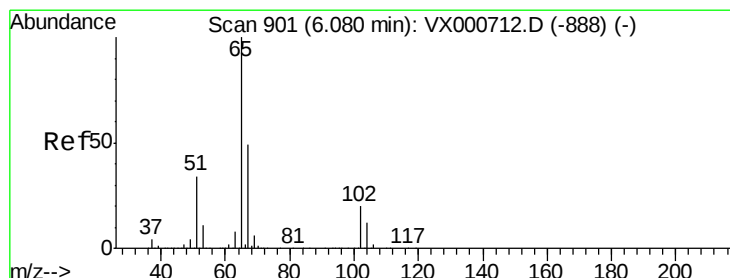
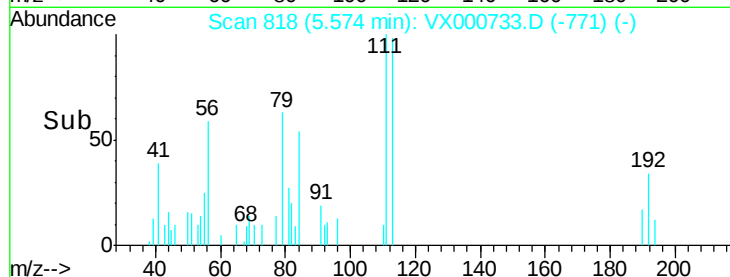
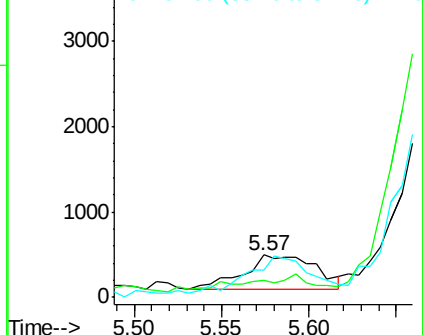
84 65.2 67.4 101.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 44.36 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000733.D

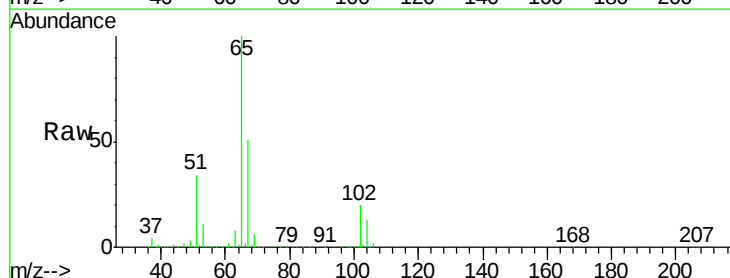
Acq: 08 Apr 2018 16:04

Tgt Ion: 65 Resp: 164514

Ion Ratio Lower Upper

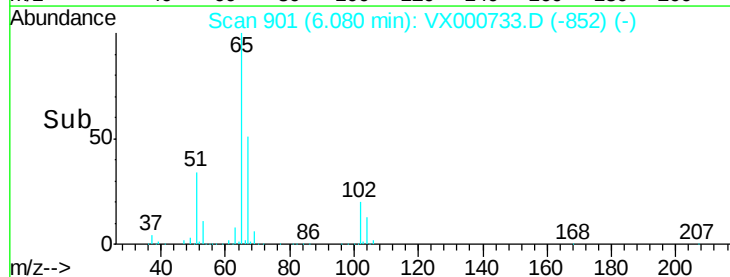
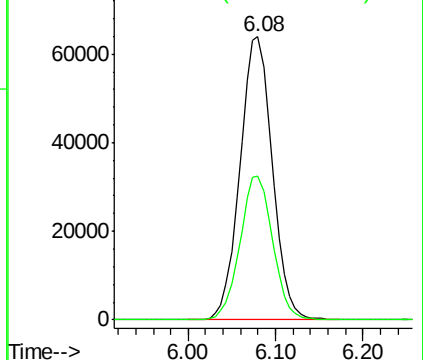
65 100

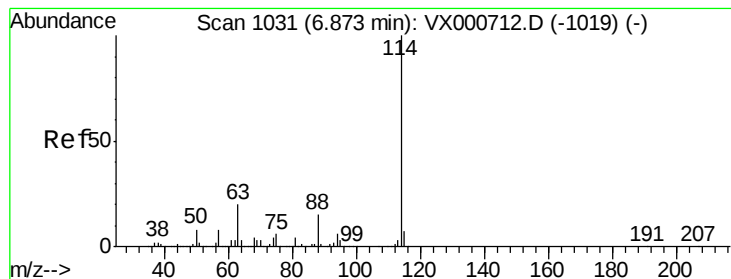
67 51.5 0.0 102.6



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# 1031

Delta R.T. -0.00 min

Lab File: VX000733.D

Acq: 08 Apr 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

MW-16-040218

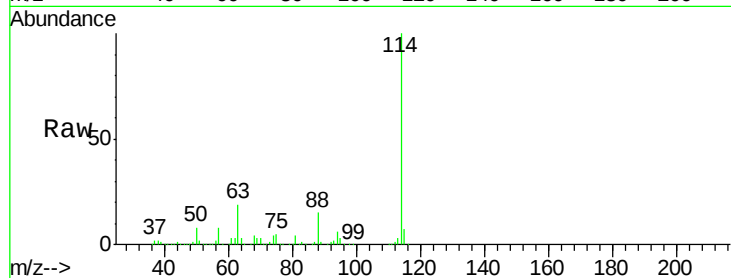
Tgt Ion:114 Resp: 449383

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

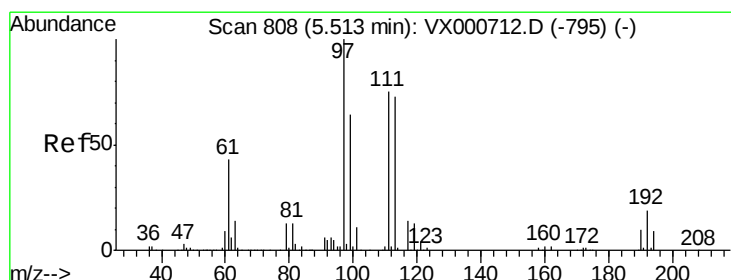
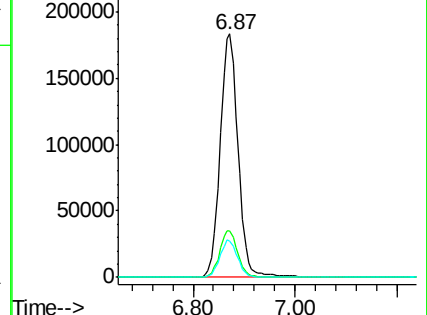
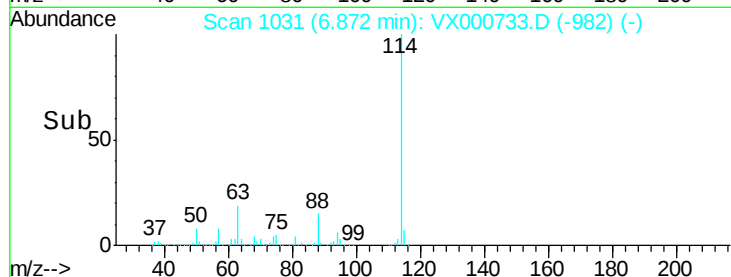
88 15.0 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.32 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000733.D

Acq: 08 Apr 2018 16:04

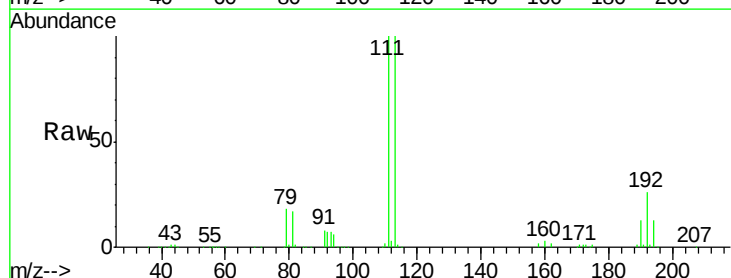
Tgt Ion:113 Resp: 137427

Ion Ratio Lower Upper

113 100

111 100.9 81.5 122.3

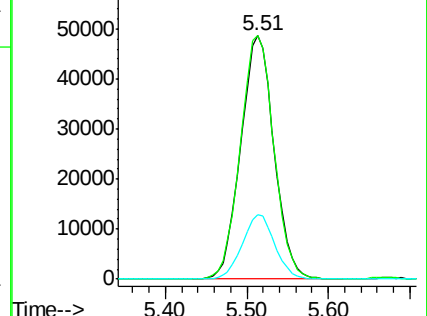
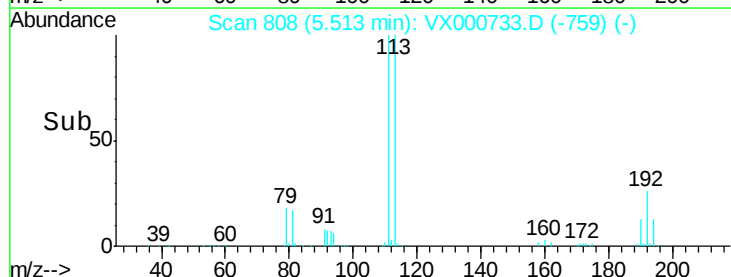
192 26.0 20.0 30.0

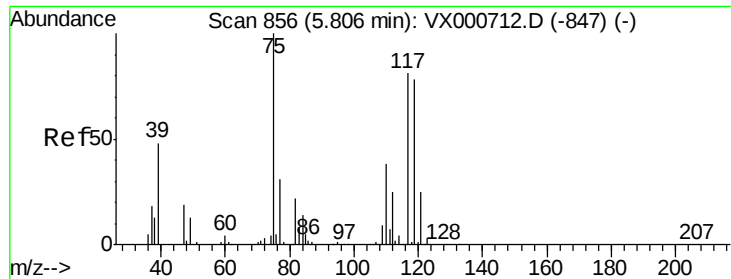


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.15 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX000733.D

Acq: 08 Apr 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

MW-16-040218

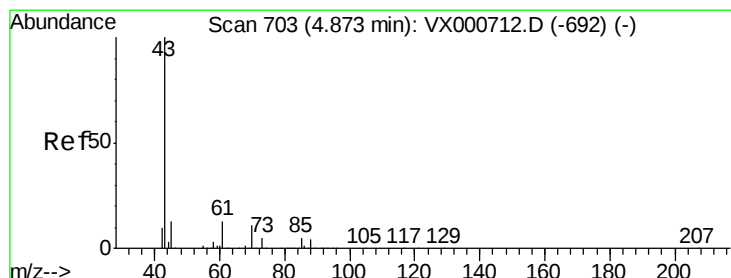
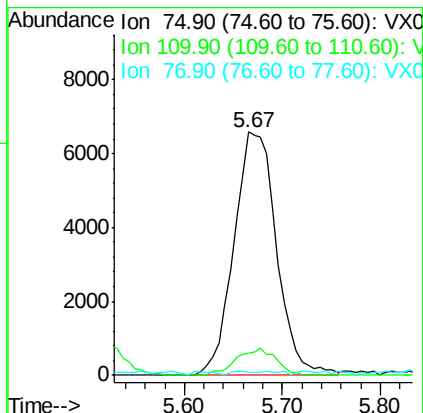
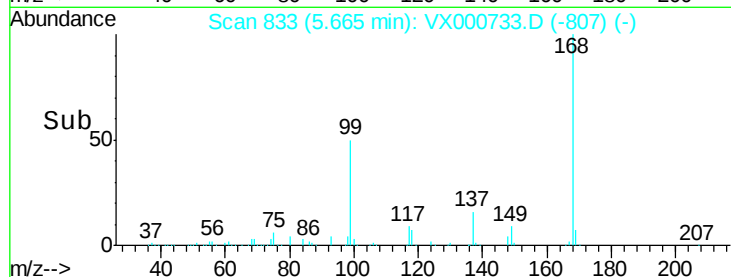
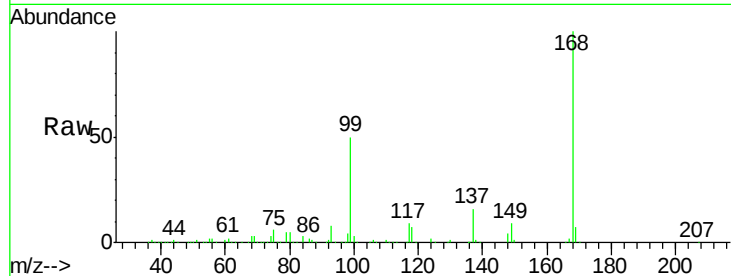
Tgt Ion: 75 Resp: 19817

Ion Ratio Lower Upper

75 100

110 10.3 18.6 56.0#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 0.26 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.01 min

Lab File: VX000733.D

Acq: 08 Apr 2018 16:04

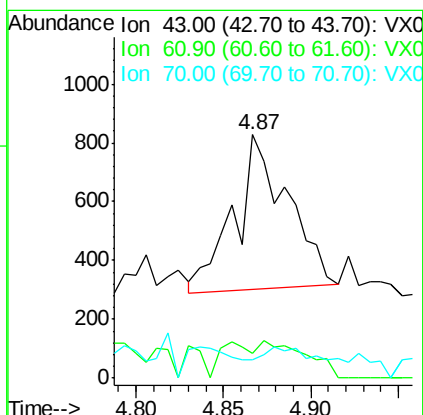
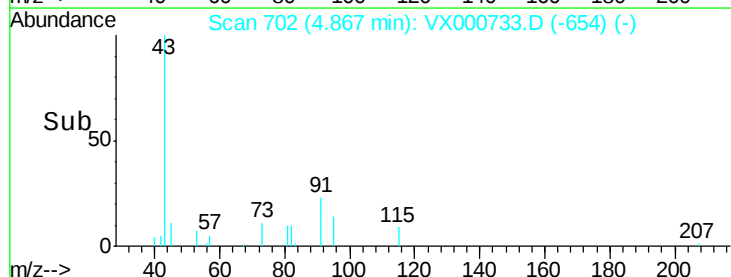
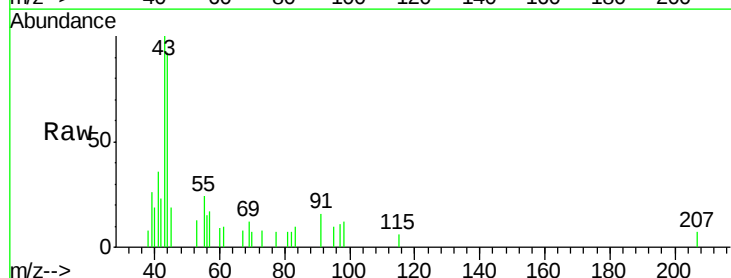
Tgt Ion: 43 Resp: 1096

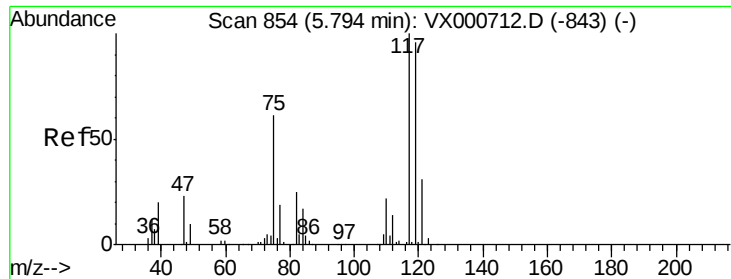
Ion Ratio Lower Upper

43 100

61 0.0 10.5 15.7#

70 0.0 8.4 12.6#





#38

Carbon Tetrachloride

Concen: 6.21 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000733.D

Acq: 08 Apr 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

MW-16-040218

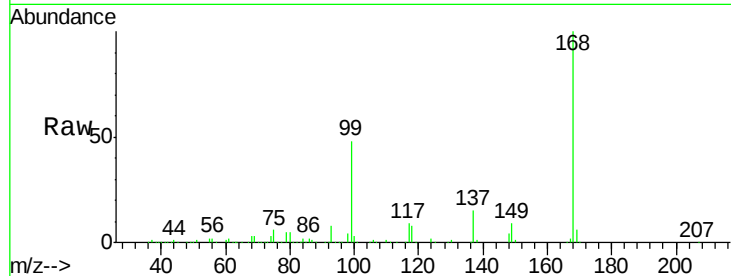
Tgt Ion:117 Resp: 27990

Ion Ratio Lower Upper

117 100

119 5.5 76.7 115.1#

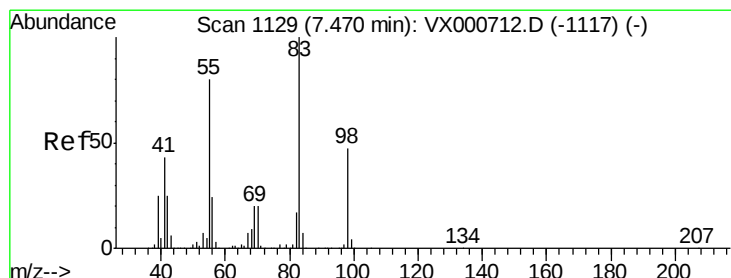
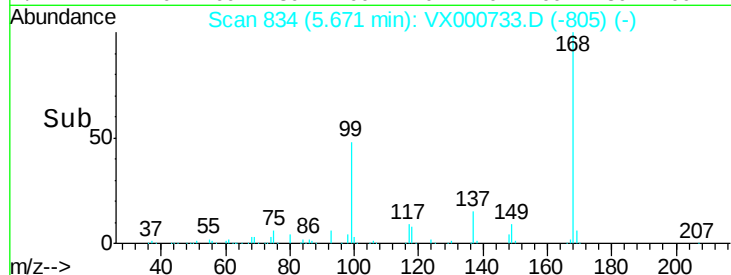
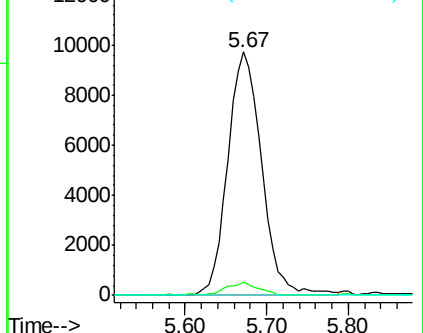
121 0.0 24.7 37.1#



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: Below Cal

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX000733.D

Acq: 08 Apr 2018 16:04

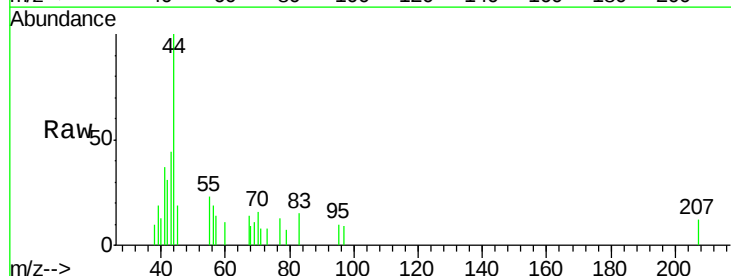
Tgt Ion: 83 Resp: 178

Ion Ratio Lower Upper

83 100

55 0.0 63.7 95.5#

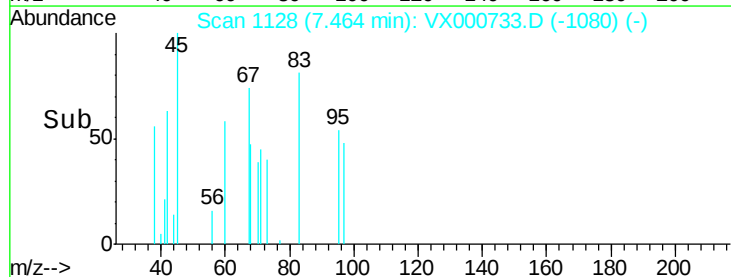
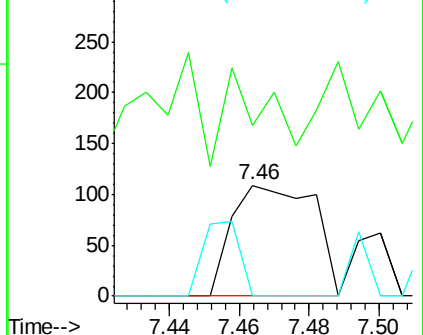
98 0.0 37.2 55.8#

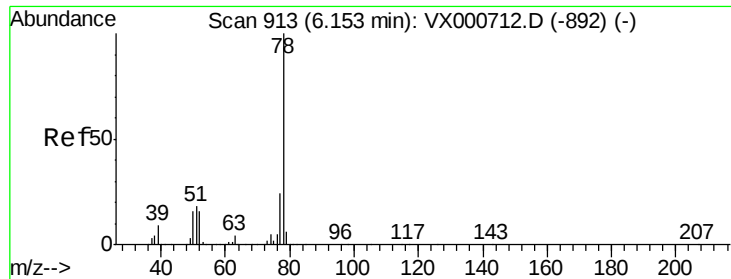


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.23 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000733.D

Acq: 08 Apr 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

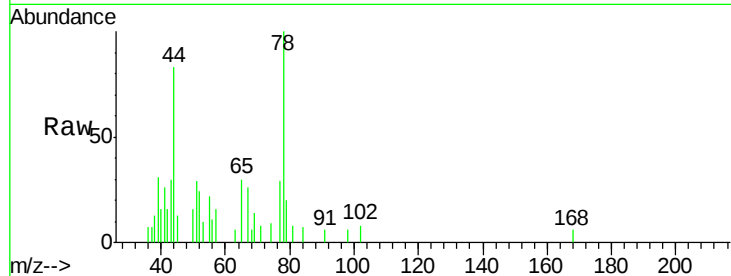
MW-16-040218

Tgt Ion: 78 Resp: 2444

Ion Ratio Lower Upper

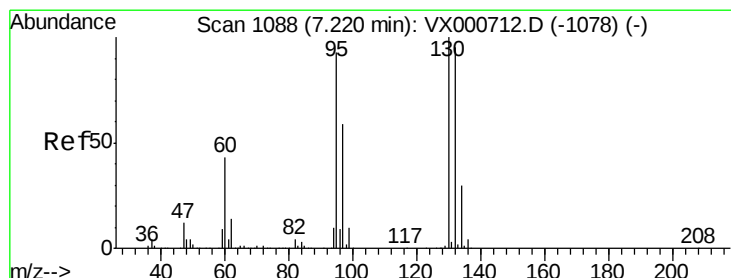
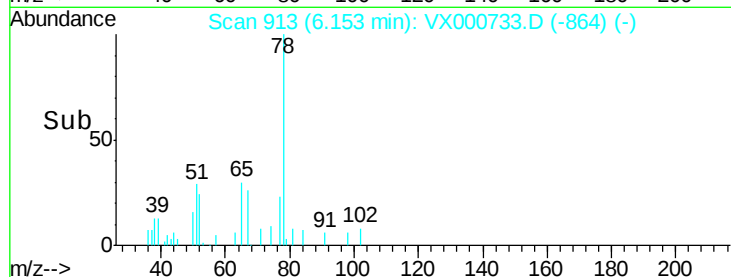
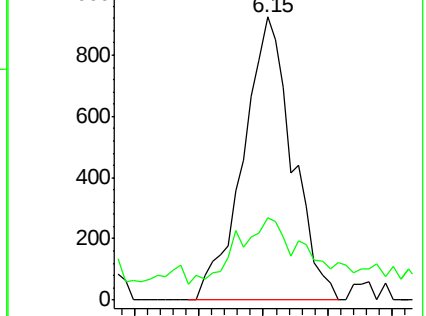
78 100

77 23.5 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#44

Trichloroethene

Concen: 1.28 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX000733.D

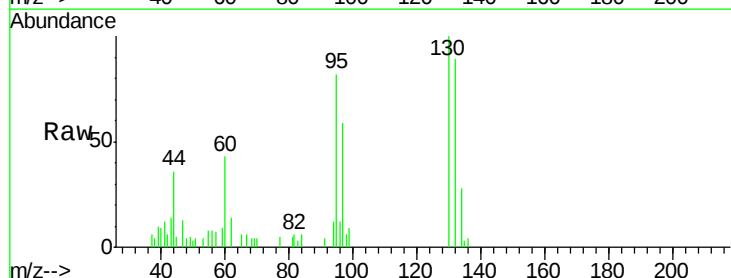
Acq: 08 Apr 2018 16:04

Tgt Ion: 130 Resp: 4208

Ion Ratio Lower Upper

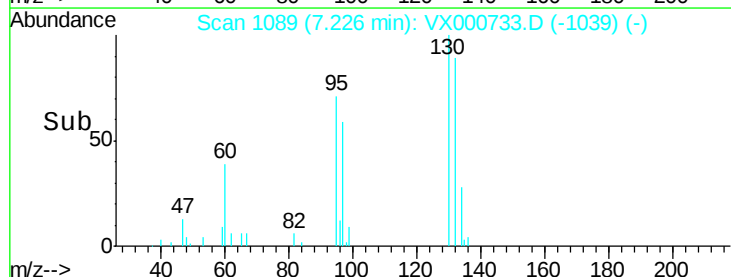
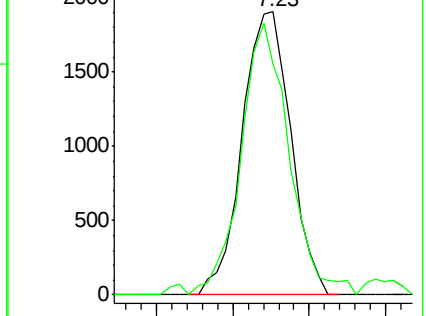
130 100

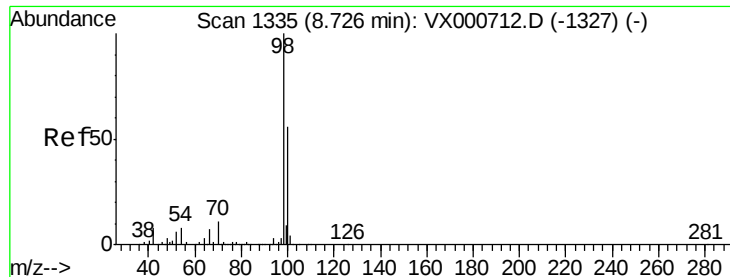
95 81.6 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 46.99 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000733.D

Acq: 08 Apr 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

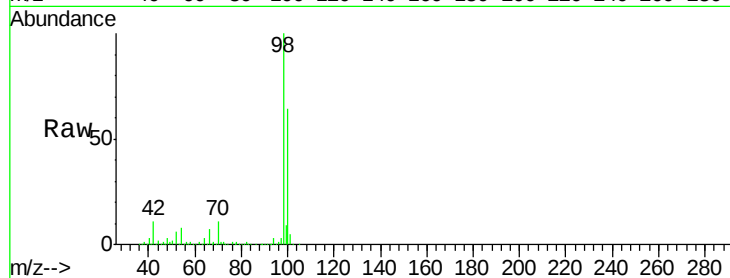
MW-16-040218

Tgt Ion: 98 Resp: 517279

Ion Ratio Lower Upper

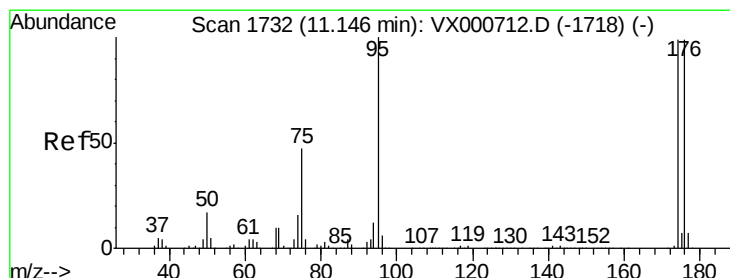
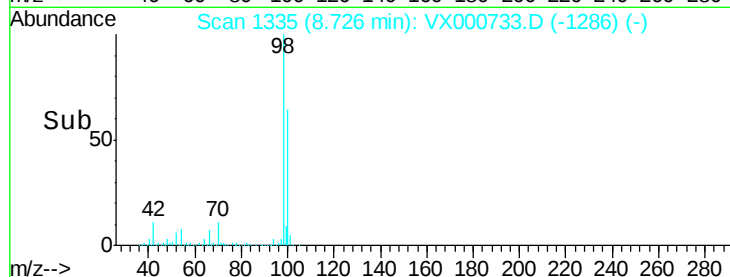
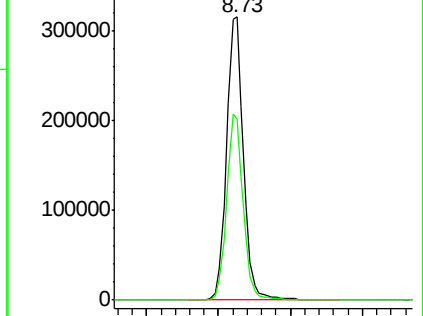
98 100

100 64.7 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 46.41 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000733.D

Acq: 08 Apr 2018 16:04

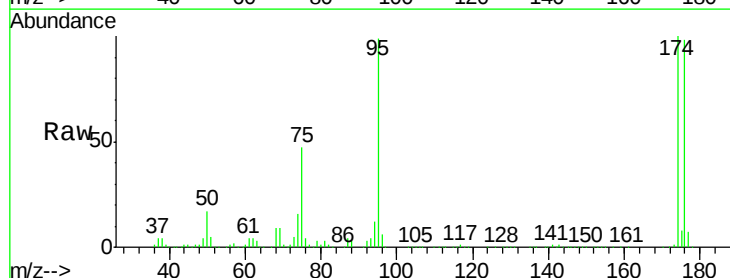
Tgt Ion: 95 Resp: 212217

Ion Ratio Lower Upper

95 100

174 96.3 0.0 191.6

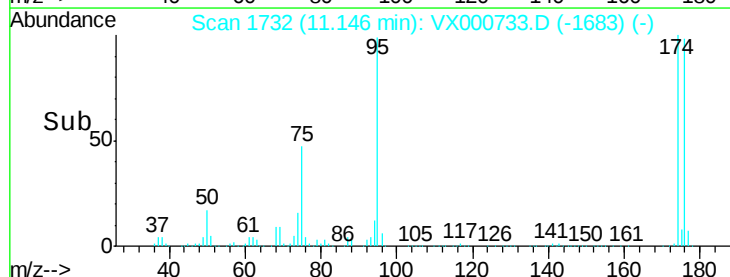
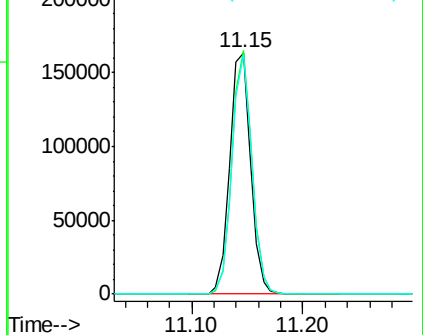
176 94.5 0.0 187.0

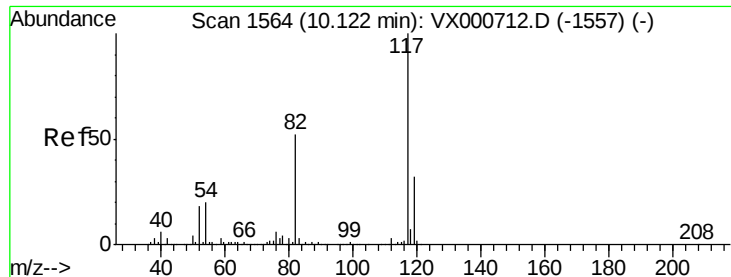


Abundance Ion 94.90 (94.60 to 95.60): VX0

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# 1564

Delta R.T. -0.00 min

Lab File: VX000733.D

Acq: 08 Apr 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

MW-16-040218

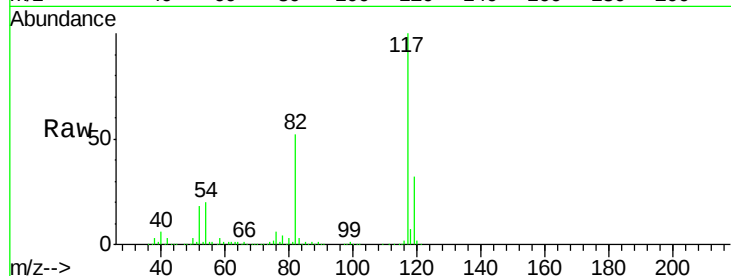
Tgt Ion:117 Resp: 419768

Ion Ratio Lower Upper

117 100

82 52.5 41.9 62.9

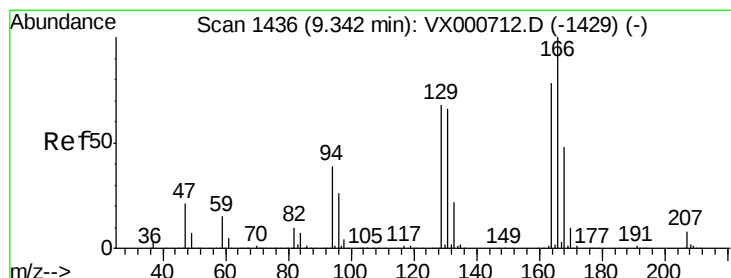
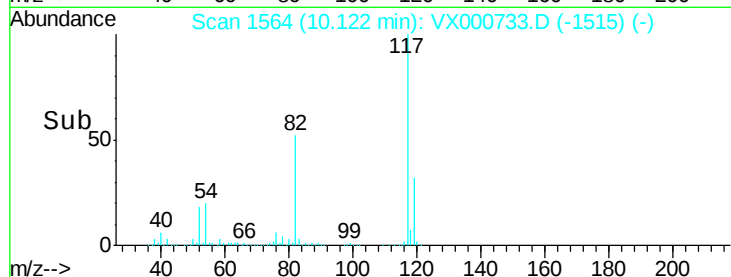
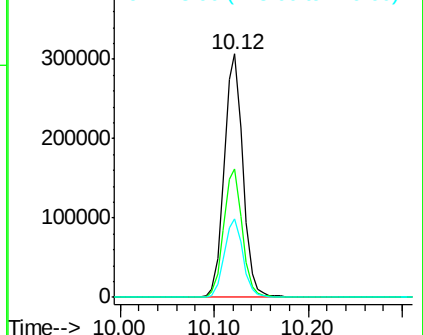
119 32.1 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 0.41 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX000733.D

Acq: 08 Apr 2018 16:04

Tgt Ion:164 Resp: 1333

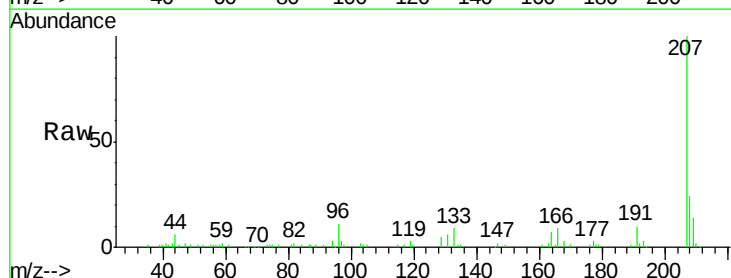
Ion Ratio Lower Upper

164 100

166 129.0 102.4 153.6

129 70.6 69.3 103.9

131 79.8 67.7 101.5

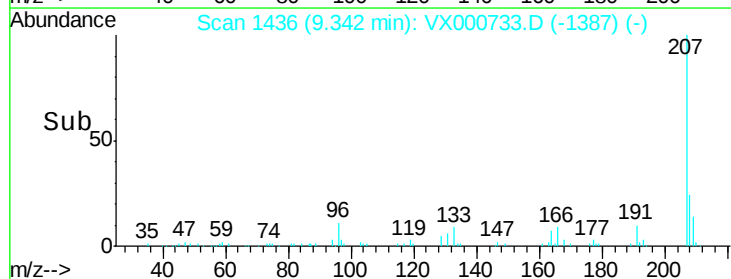
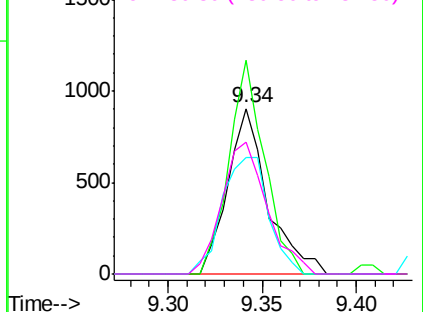


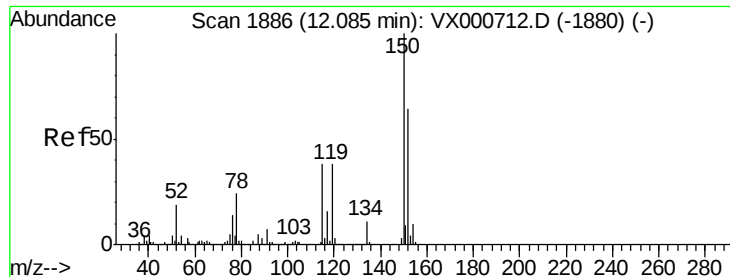
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000733.D

Acq: 08 Apr 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

MW-16-040218

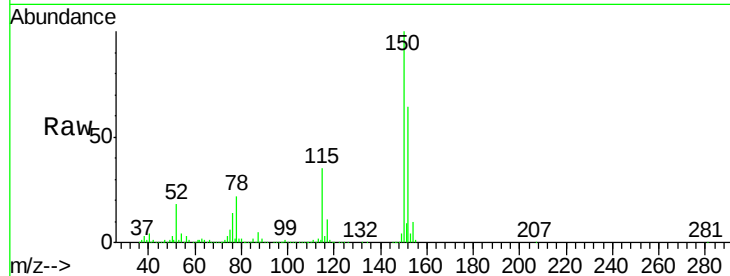
Tgt Ion:152 Resp: 245305

Ion Ratio Lower Upper

152 100

115 53.7 37.7 113.1

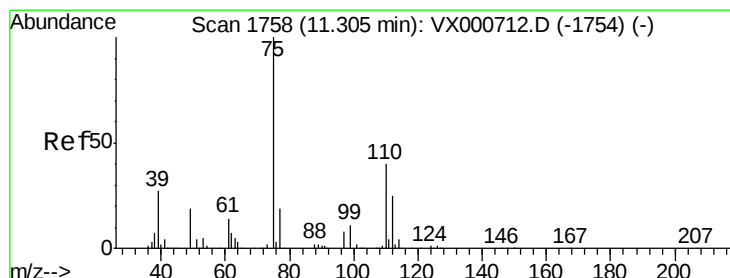
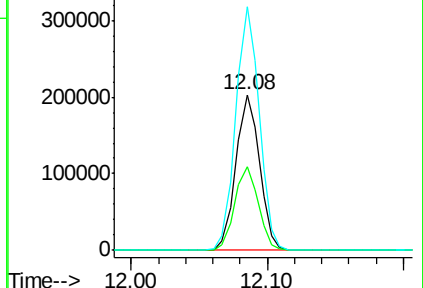
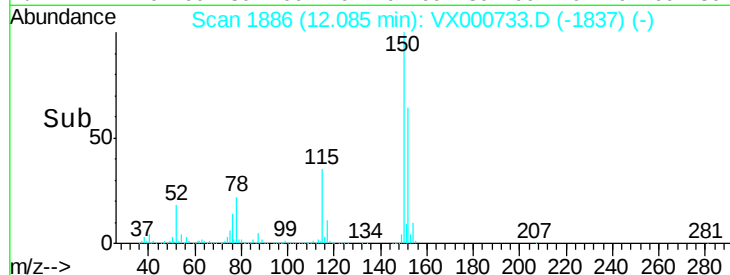
150 155.7 0.0 345.0



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: 24.94 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX000733.D

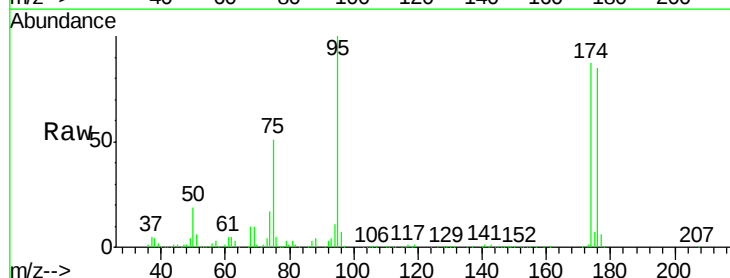
Acq: 08 Apr 2018 16:04

Tgt Ion: 75 Resp: 104097

Ion Ratio Lower Upper

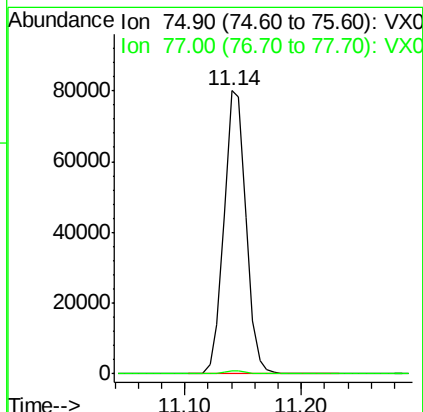
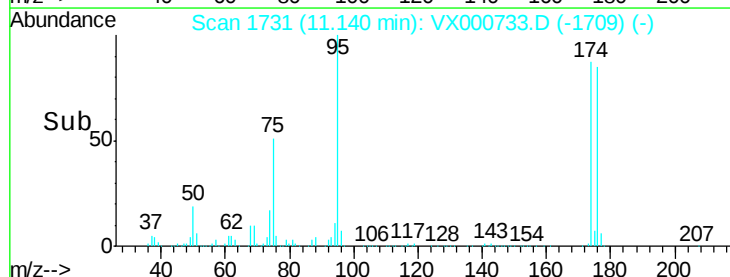
75 100

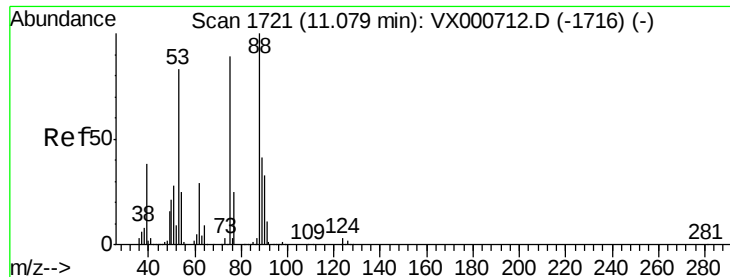
77 1.1 21.3 63.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 64.94 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX000733.D

Acq: 08 Apr 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

MW-16-040218

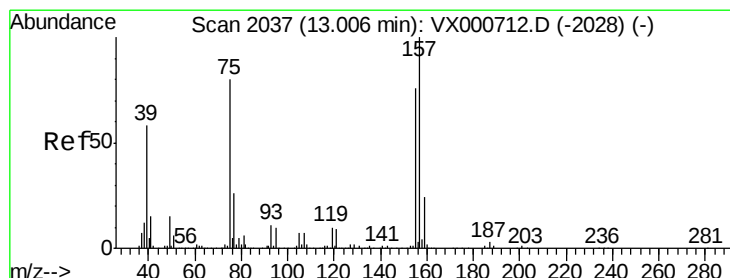
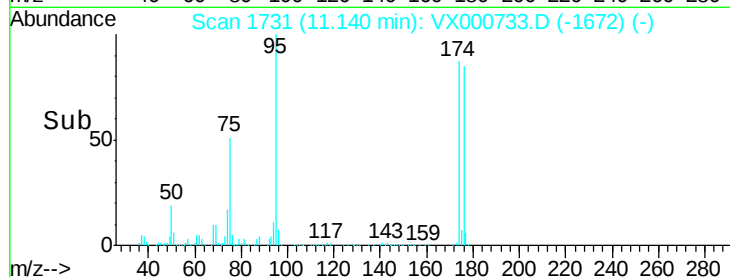
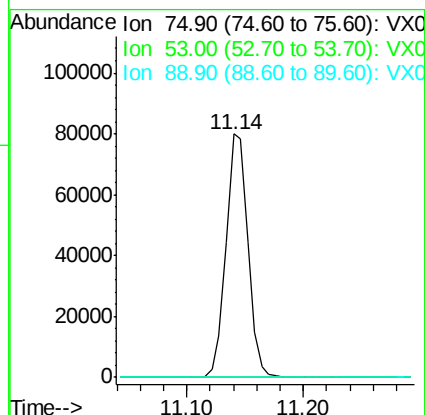
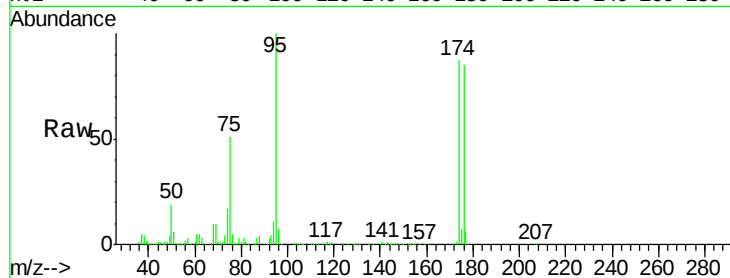
Tgt Ion: 75 Resp: 104097

Ion Ratio Lower Upper

75 100

53 0.2 74.2 111.2#

89 0.0 46.6 69.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.36 ug/l

RT: 12.83 min Scan# 2008

Delta R.T. -0.18 min

Lab File: VX000733.D

Acq: 08 Apr 2018 16:04

Tgt Ion: 75 Resp: 416

Ion Ratio Lower Upper

75 100

155 27.9 48.4 145.0#

157 0.0 62.8 188.5#

