

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020619\
 Data File : VX007406.D
 Acq On : 06 Feb 2019 18:10
 Operator : JC/SP
 Sample : K1392-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Quant Time: Feb 07 00:04:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	526858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	817107	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	782611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	375324	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	285983	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	
35) Dibromofluoromethane	5.51	113	256811	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
50) Toluene-d8	8.71	98	992082	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.13	95	347799	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	

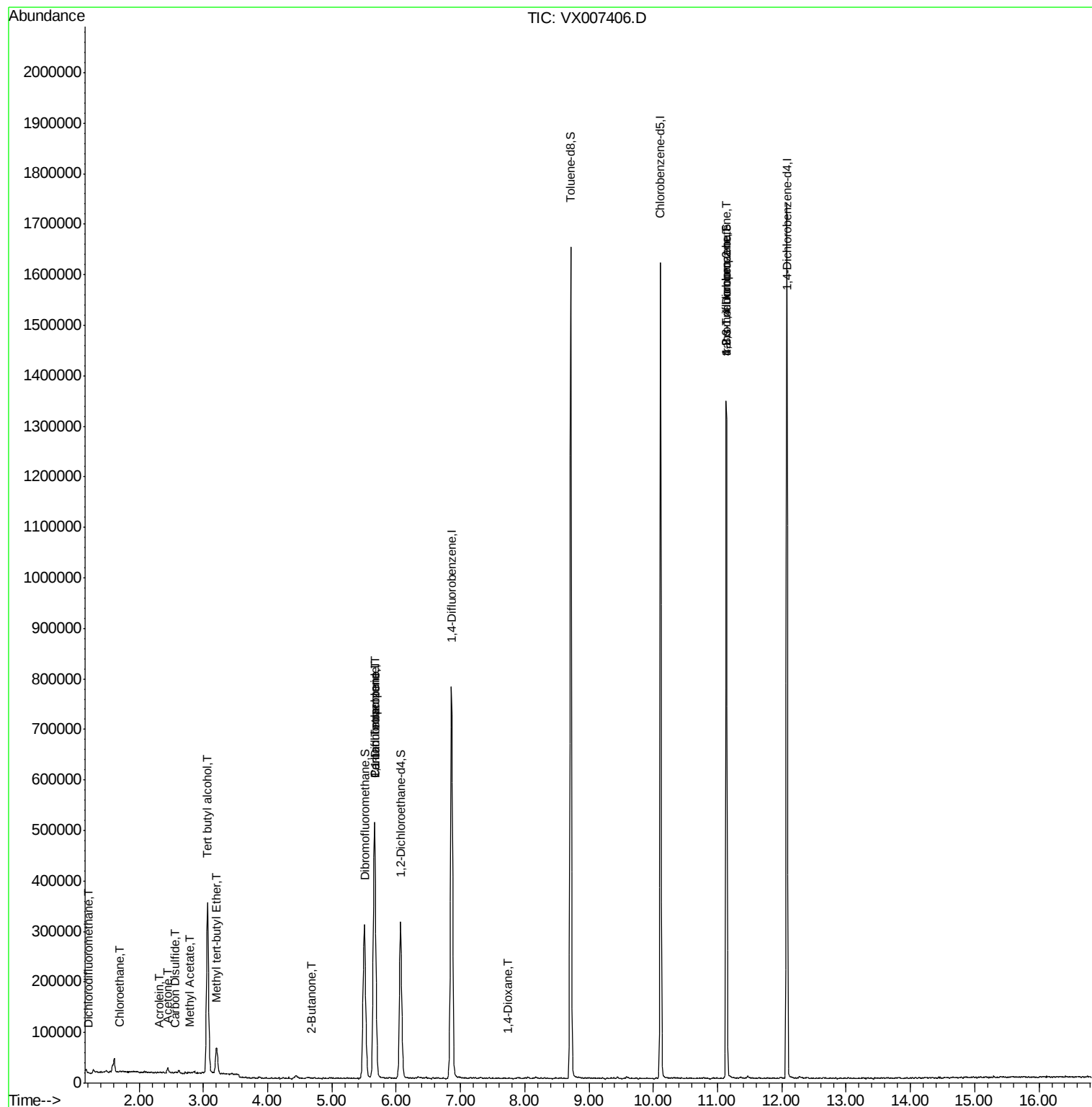
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	282	0.221	ug/l #	51
5) Bromomethane	1.65	94	382	Below Cal		85
6) Chloroethane	1.70	64	2356	0.626	ug/l #	43
11) Tert butyl alcohol	3.06	59	415010	358.601	ug/l	98
13) Acrolein	2.32	56	583	1.074	ug/l #	70
16) Acetone	2.45	43	9808	3.829	ug/l #	87
17) Carbon Disulfide	2.57	76	2283	2.287	ug/l #	20
18) Methyl Acetate	2.78	43	1848	0.867	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	60025	3.683	ug/l	96
20) Methylene Chloride	2.85	84	1644	Below Cal	#	72
25) 2-Butanone	4.68	43	1018	0.279	ug/l	99
36) 1,1-Dichloropropene	5.67	75	33085	4.513	ug/l #	49
38) Carbon Tetrachloride	5.66	117	47359	6.658	ug/l #	16
49) 1,4-Dioxane	7.74	88	97	7.619	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	166804	22.848	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	166804	68.878	ug/l #	9

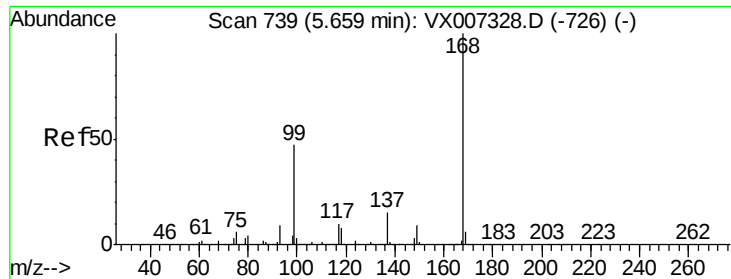
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX020619\
Data File : VX007406.D
Acq On : 06 Feb 2019 18:10
Operator : JC/SP
Sample : K1392-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6

Quant Time: Feb 07 00:04:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007406.D

Acq: 06 Feb 2019 18:10

Instrument :

MSVOA_X

ClientSampled :

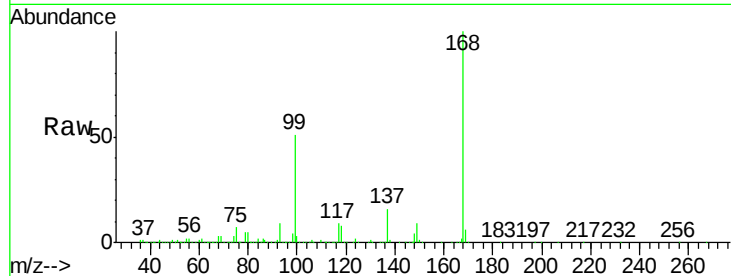
MW-6

Tot Ion:168 Resp: 526858

Ion Ratio Lower Upper

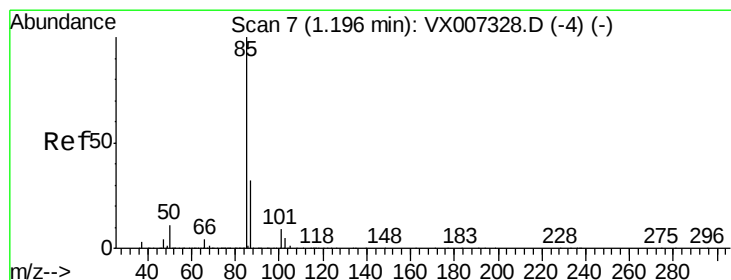
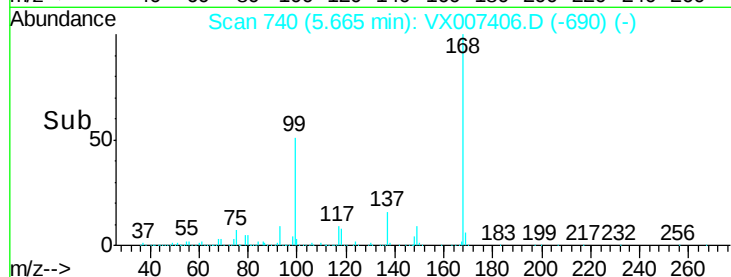
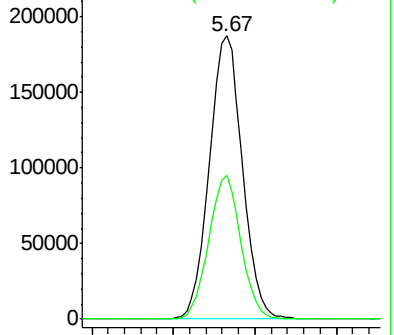
168 100

99 50.5 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.221 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007406.D

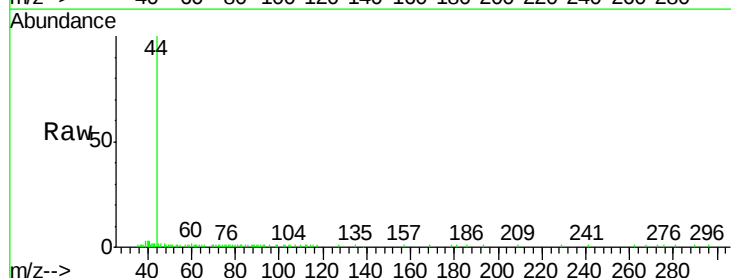
Acq: 06 Feb 2019 18:10

Tgt Ion: 85 Resp: 282

Ion Ratio Lower Upper

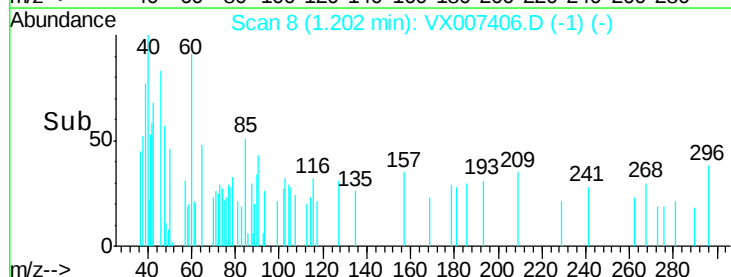
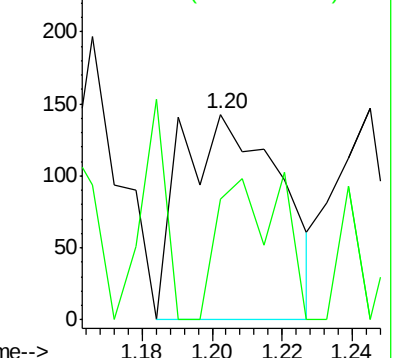
85 100

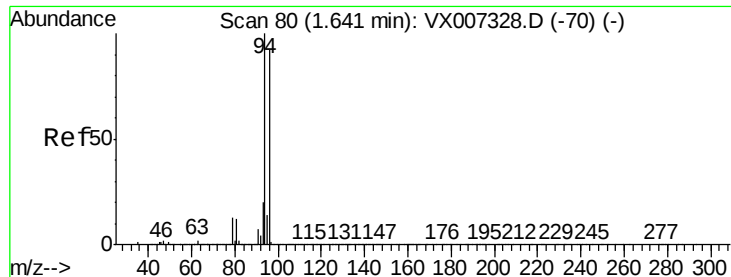
87 58.7 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007406.D

Acq: 06 Feb 2019 18:10

Instrument :

MSVOA_X

ClientSampled :

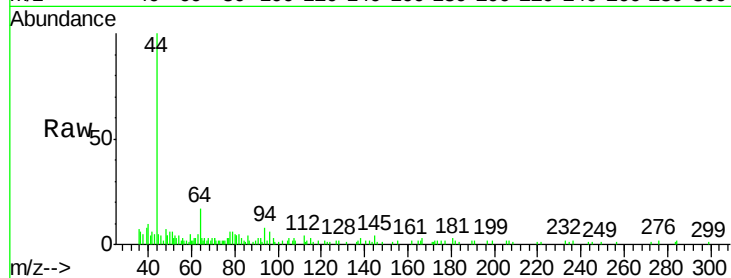
MW-6

Tot Ion: 94 Resp: 382

Ion Ratio Lower Upper

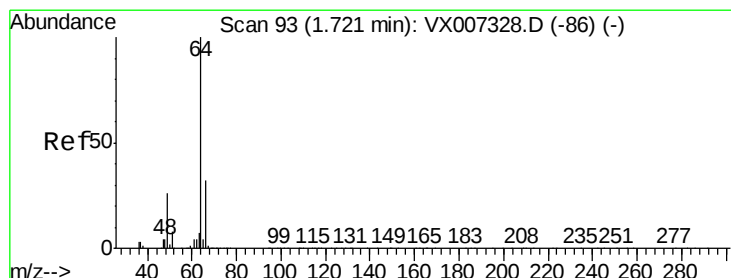
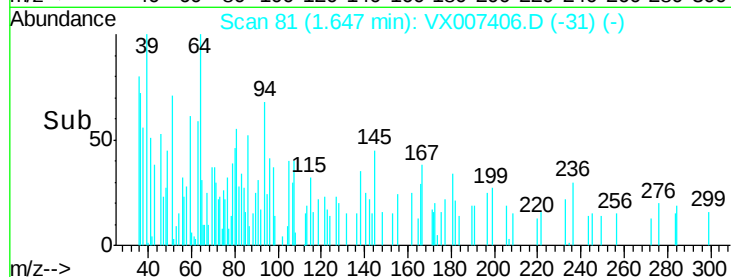
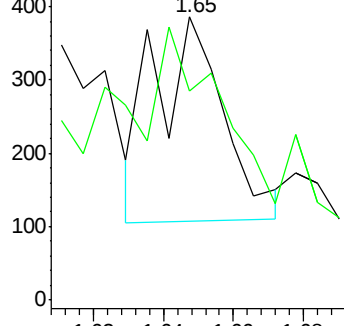
94 100

96 78.1 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.626 ug/l

RT: 1.70 min Scan# 89

Delta R.T. -0.02 min

Lab File: VX007406.D

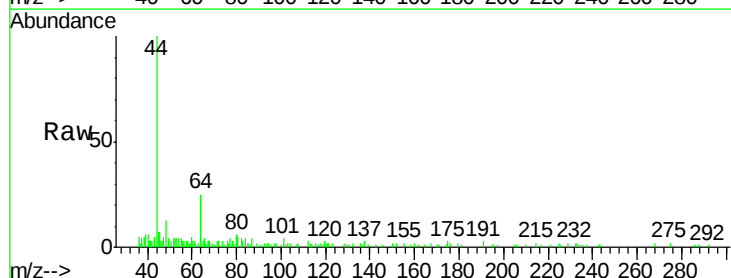
Acq: 06 Feb 2019 18:10

Tgt Ion: 64 Resp: 2356

Ion Ratio Lower Upper

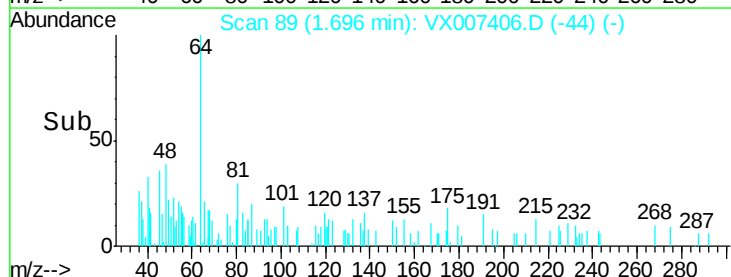
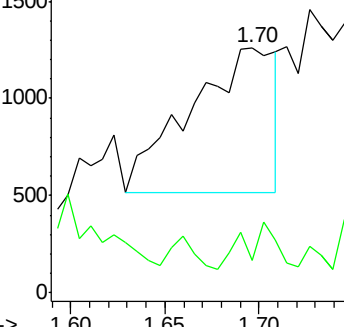
64 100

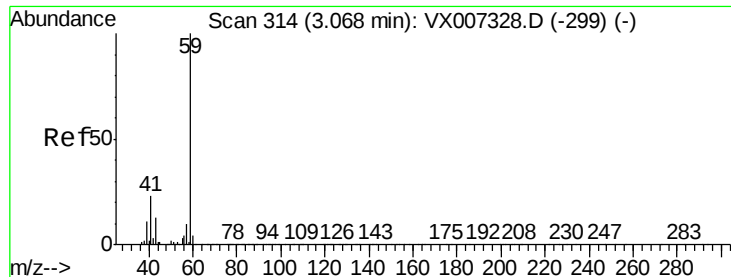
66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



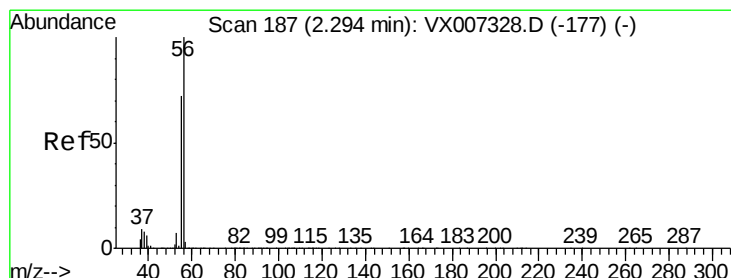
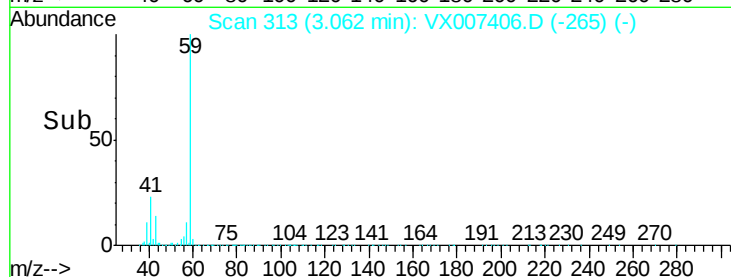
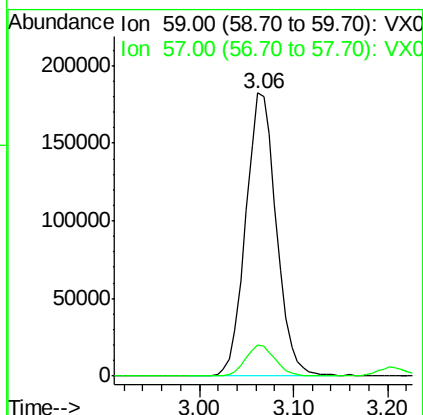
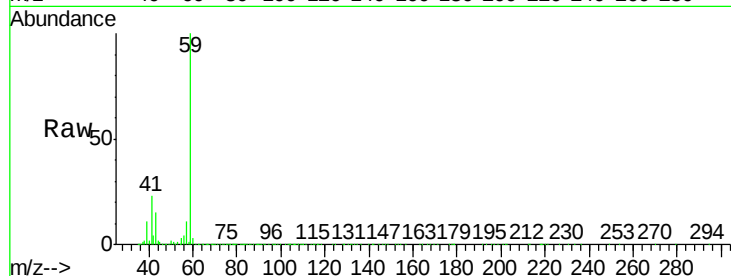


#11

Tert butyl alcohol
Concen: 358.601 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX007406.D
Acq: 06 Feb 2019 18:10

Instrument :
MSVOA_X
ClientSampled :
MW-6

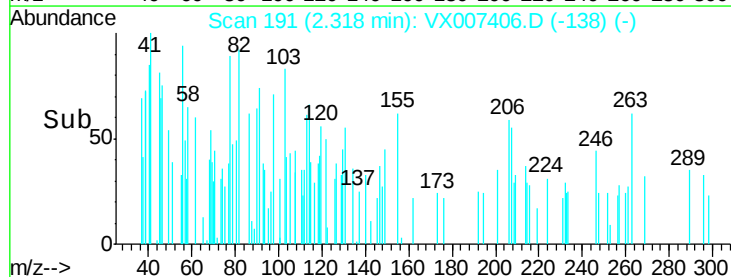
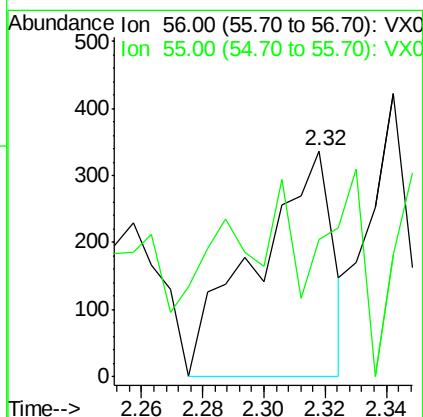
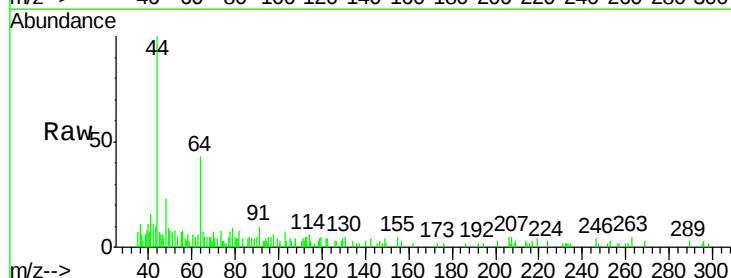
Tot Ion: 59 Resp: 415010
Ion Ratio Lower Upper
59 100
57 11.0 8.1 12.1

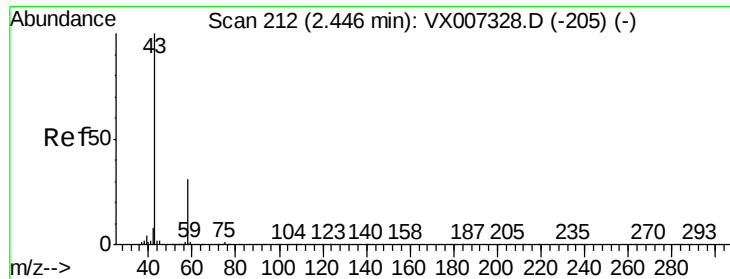


#13

Acrolein
Concen: 1.074 ug/l
RT: 2.32 min Scan# 191
Delta R.T. 0.02 min
Lab File: VX007406.D
Acq: 06 Feb 2019 18:10

Tgt Ion: 56 Resp: 583
Ion Ratio Lower Upper
56 100
55 46.3 56.9 85.3#





#16

Acetone

Concen: 3.829 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007406.D

Acq: 06 Feb 2019 18:10

Instrument :

MSVOA_X

ClientSampled :

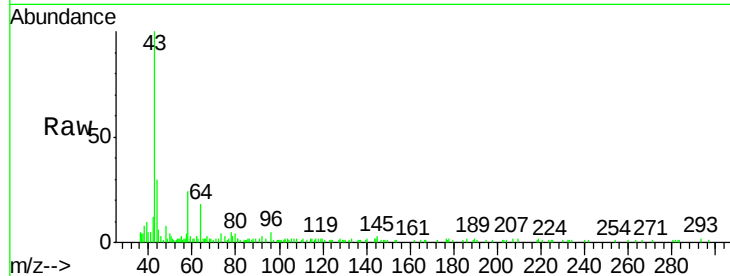
MW-6

Tot Ion: 43 Resp: 9808

Ion Ratio Lower Upper

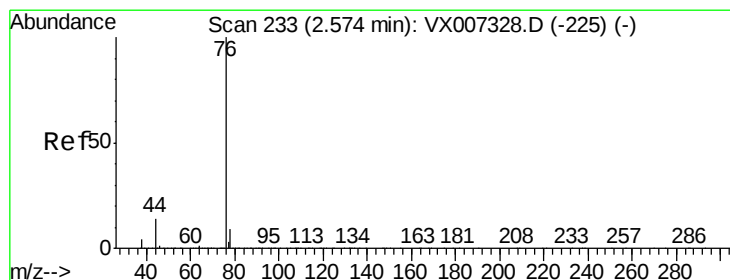
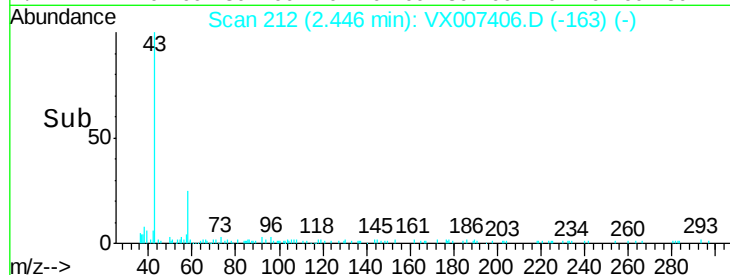
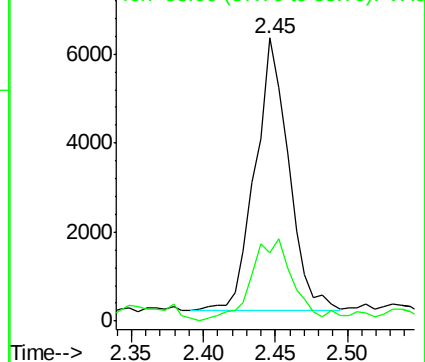
43 100

58 24.1 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 2.287 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007406.D

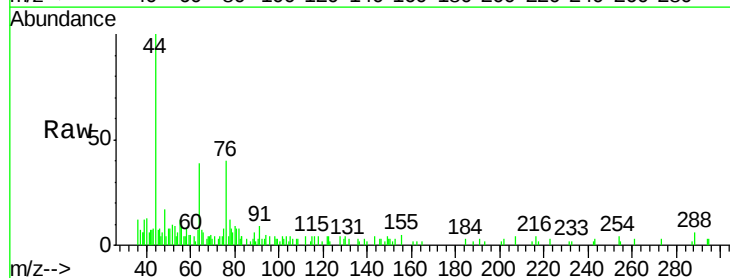
Acq: 06 Feb 2019 18:10

Tgt Ion: 76 Resp: 2283

Ion Ratio Lower Upper

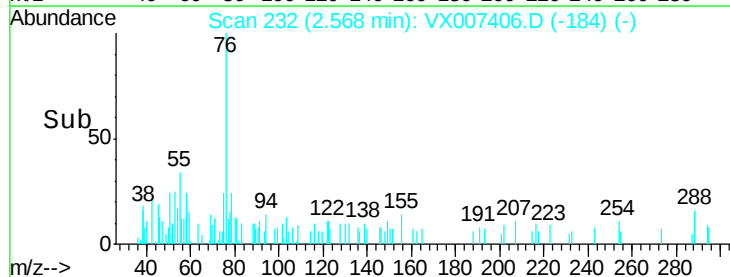
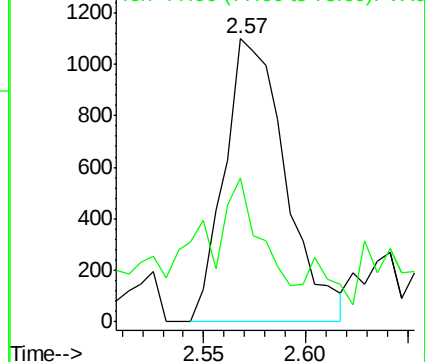
76 100

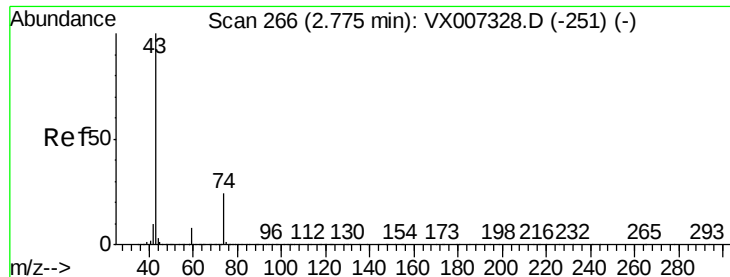
78 37.7 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

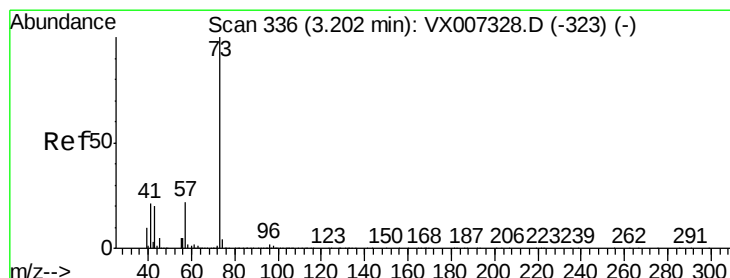
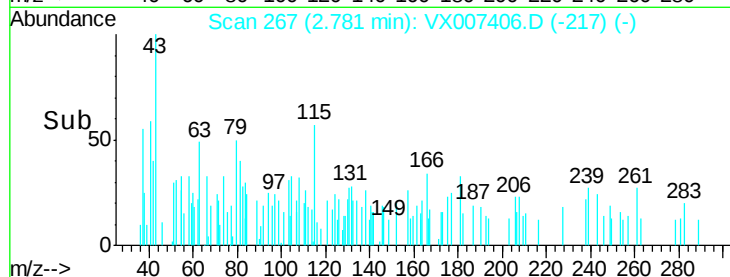
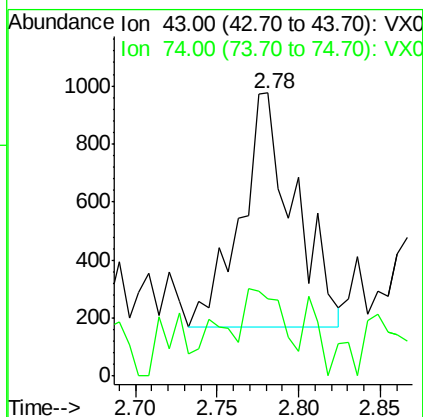
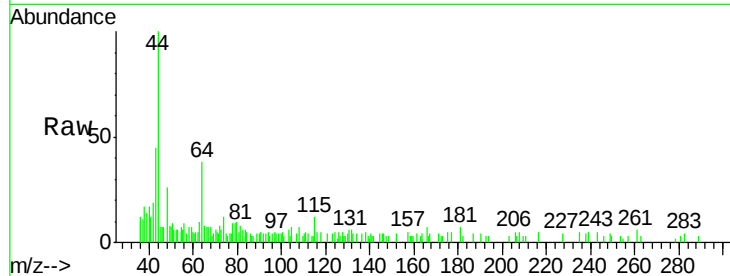




#18
Methyl Acetate
Concen: 0.867 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007406.D
Acq: 06 Feb 2019 18:10

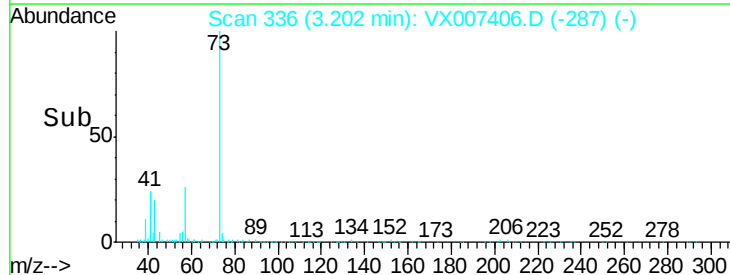
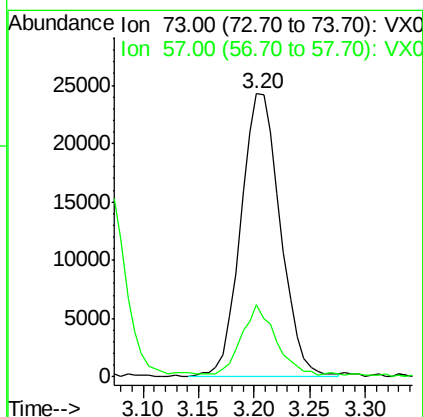
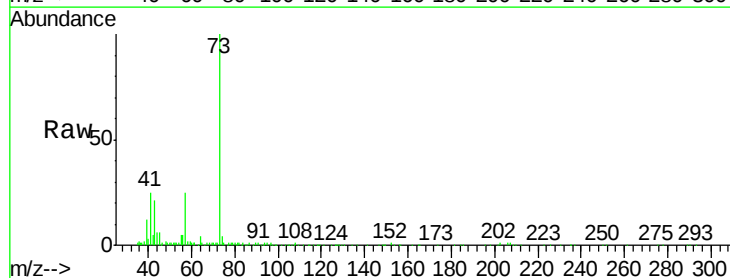
Instrument :
MSVOA_X
ClientSampled :
MW-6

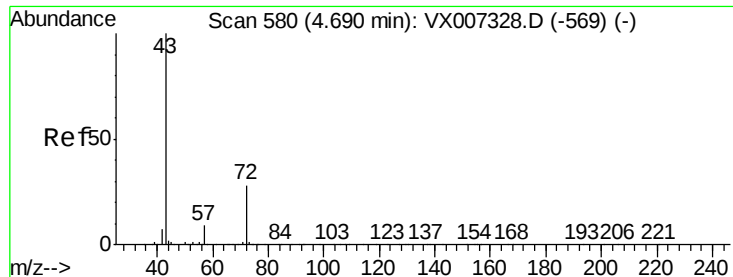
Tot Ion: 43 Resp: 1848
Ion Ratio Lower Upper
43 100
74 22.3 19.4 29.2



#19
Methyl tert-butyl Ether
Concen: 3.683 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007406.D
Acq: 06 Feb 2019 18:10

Tgt Ion: 73 Resp: 60025
Ion Ratio Lower Upper
73 100
57 24.4 17.8 26.8





#25

2-Butanone

Concen: 0.279 ug/l

RT: 4.68 min Scan# 579

Delta R.T. -0.01 min

Lab File: VX007406.D

Acq: 06 Feb 2019 18:10

Instrument :

MSVOA_X

ClientSampled :

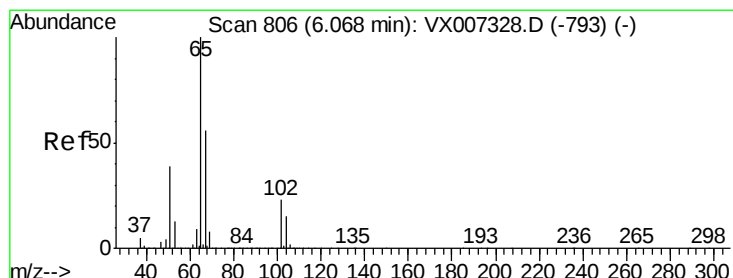
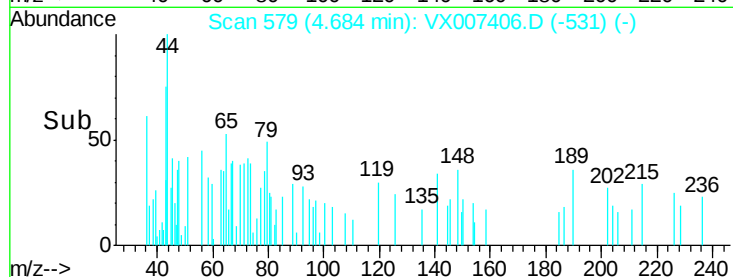
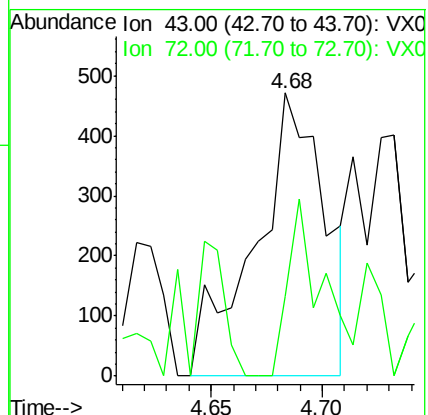
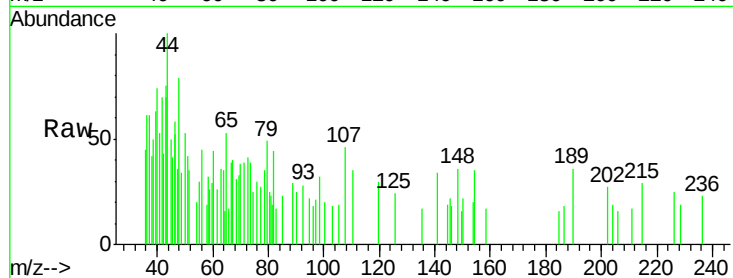
MW-6

Tot Ion: 43 Resp: 1018

Ion Ratio Lower Upper

43 100

72 28.5 22.2 33.2



#33

1,2-Dichloroethane-d4

Concen: 51.140 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007406.D

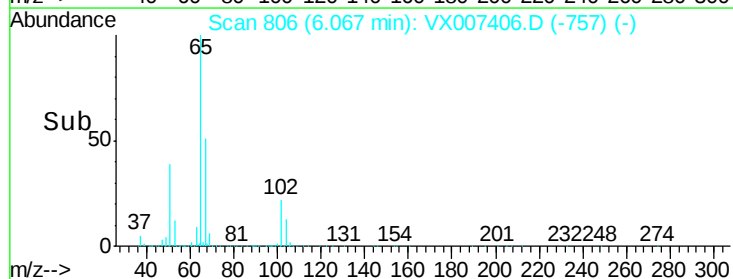
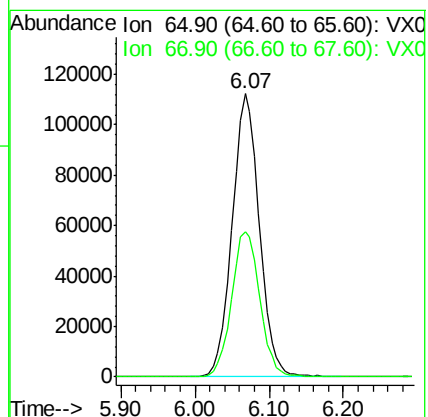
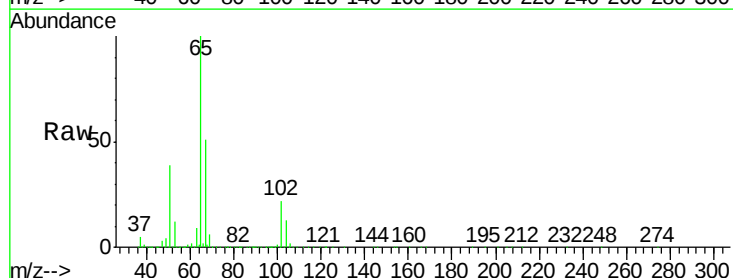
Acq: 06 Feb 2019 18:10

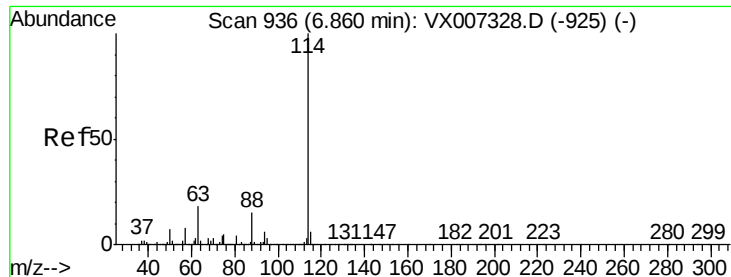
Tgt Ion: 65 Resp: 285983

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007406.D

Acq: 06 Feb 2019 18:10

Instrument :

MSVOA_X

ClientSampleId :

MW-6

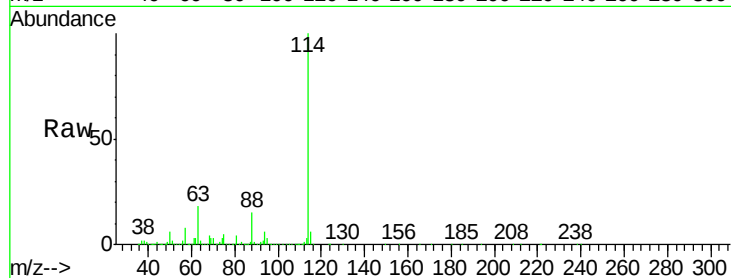
Tot Ion:114 Resp: 817107

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

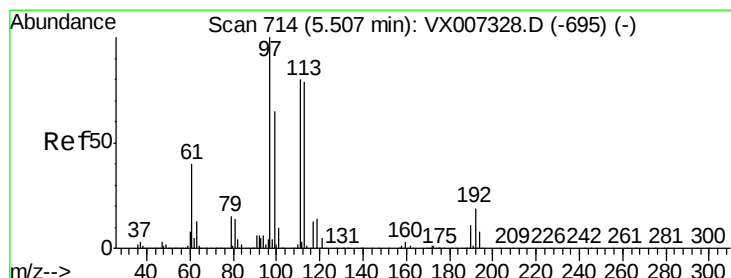
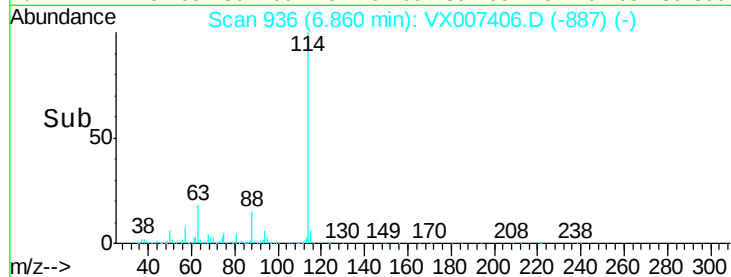
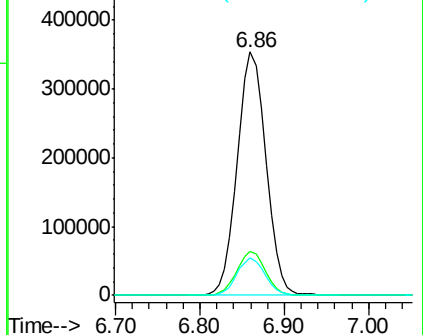
88 15.4 0.0 29.6



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: 48.303 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007406.D

Acq: 06 Feb 2019 18:10

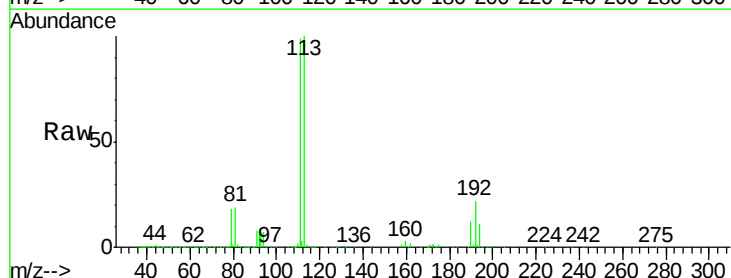
Tgt Ion:113 Resp: 256811

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

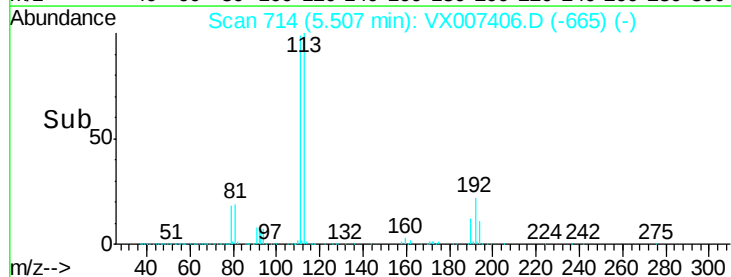
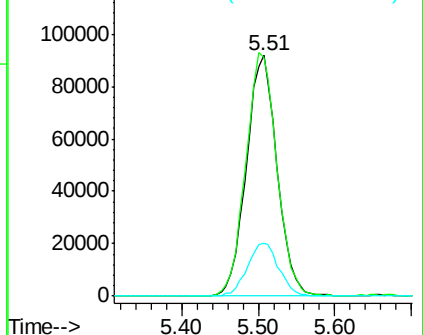
192 22.6 18.5 27.7

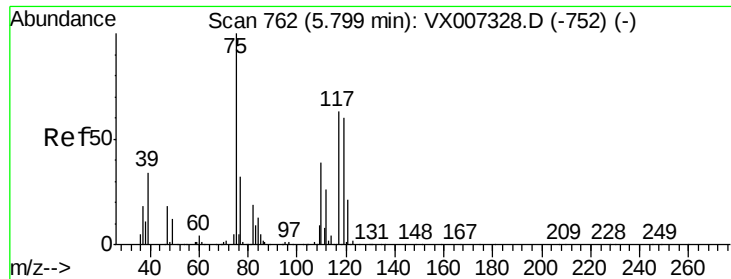


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.513 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007406.D

Acq: 06 Feb 2019 18:10

Instrument :

MSVOA_X

ClientSampled :

MW-6

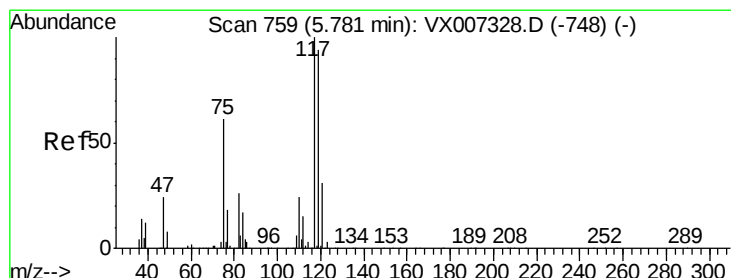
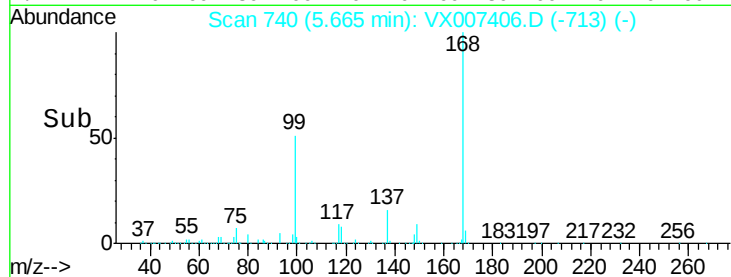
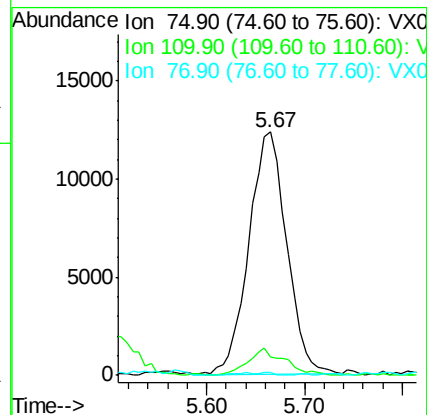
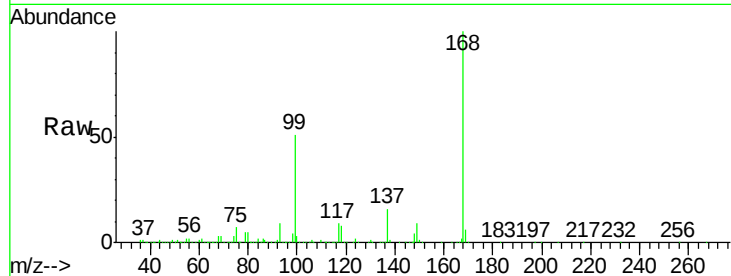
Tot Ion: 75 Resp: 33085

Ion Ratio Lower Upper

75 100

110 10.7 20.0 59.9#

77 0.4 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.658 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX007406.D

Acq: 06 Feb 2019 18:10

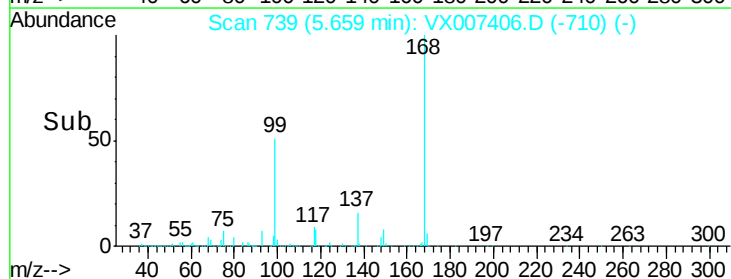
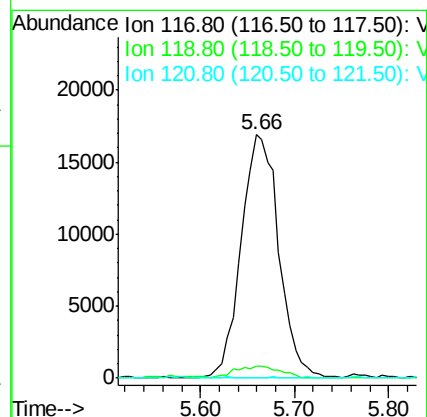
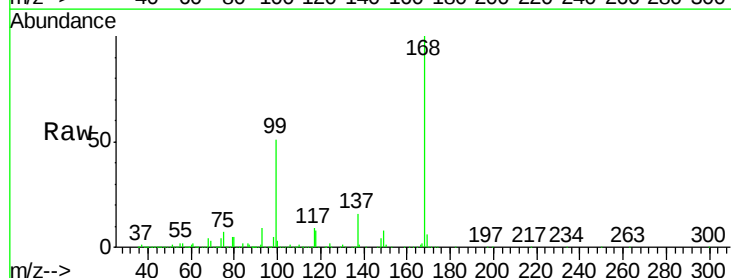
Tgt Ion: 117 Resp: 47359

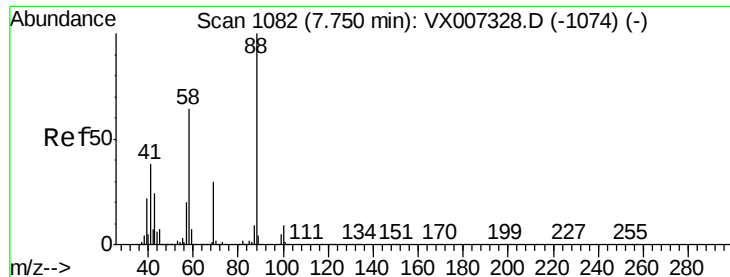
Ion Ratio Lower Upper

117 100

119 4.7 75.3 112.9#

121 0.0 25.0 37.4#





#49

1,4-Dioxane

Concen: 7.619 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX007406.D

Acq: 06 Feb 2019 18:10

Instrument :

MSVOA_X

ClientSampled :

MW-6

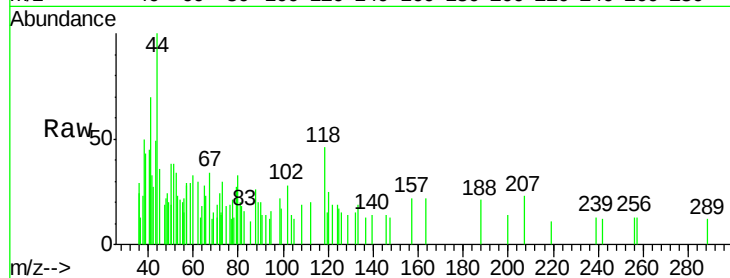
Tot Ion: 88 Resp: 97

Ion Ratio Lower Upper

88 100

43 0.0 24.2 36.4#

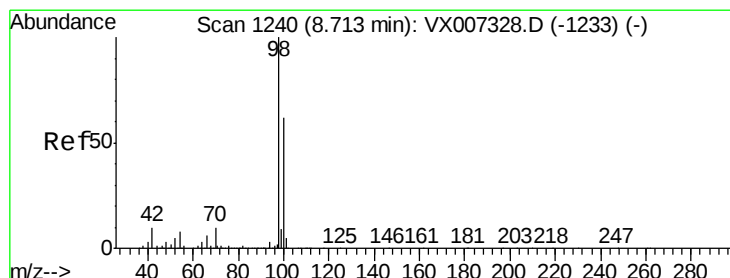
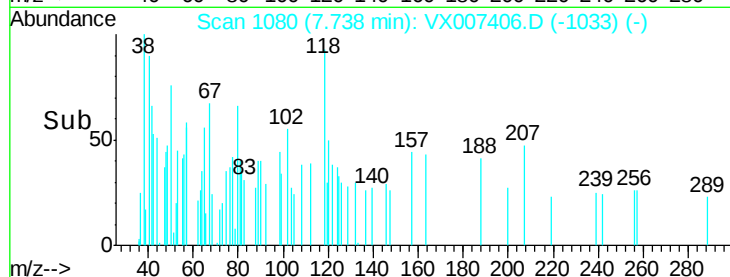
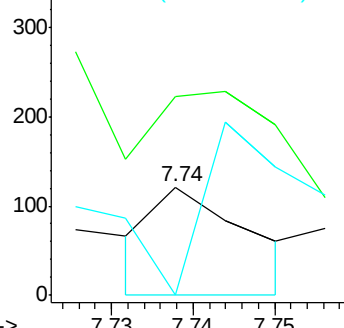
58 169.1 53.0 79.4#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.294 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007406.D

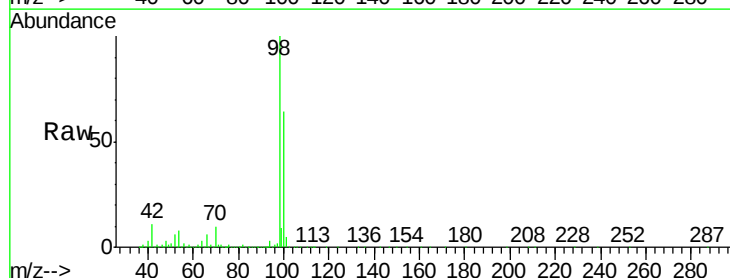
Acq: 06 Feb 2019 18:10

Tgt Ion: 98 Resp: 992082

Ion Ratio Lower Upper

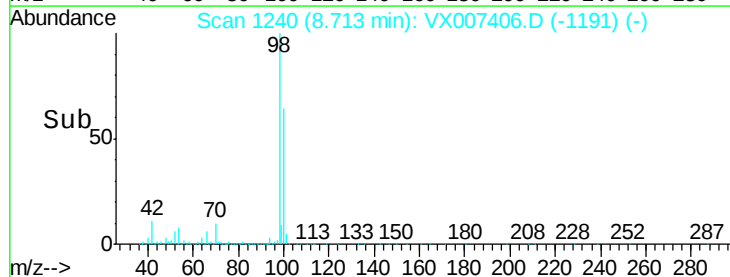
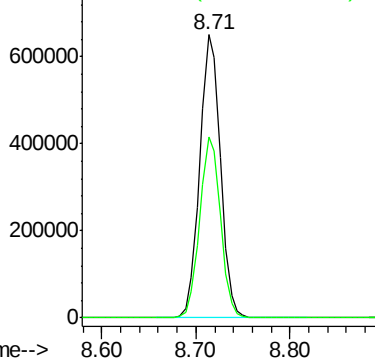
98 100

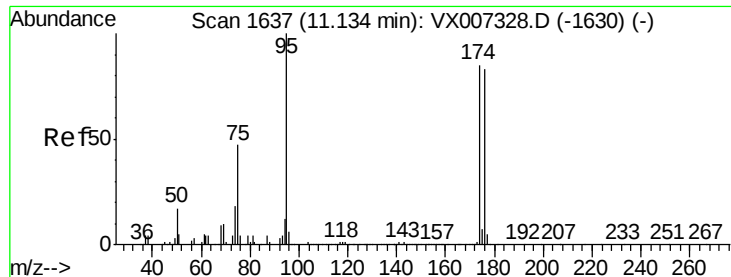
100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.293 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007406.D

Acq: 06 Feb 2019 18:10

Instrument :

MSVOA_X

ClientSampleId :

MW-6

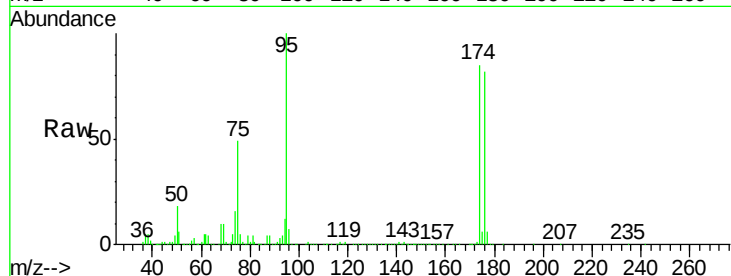
Tot Ion: 95 Resp: 347799

Ion Ratio Lower Upper

95 100

174 93.1 0.0 189.2

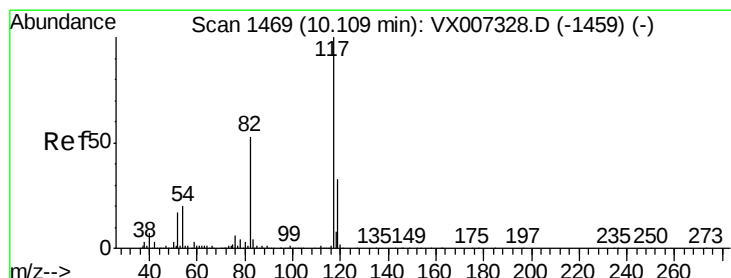
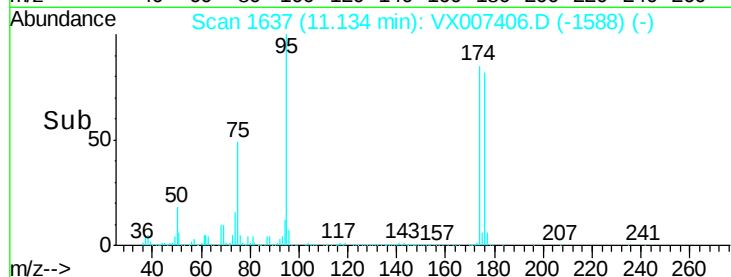
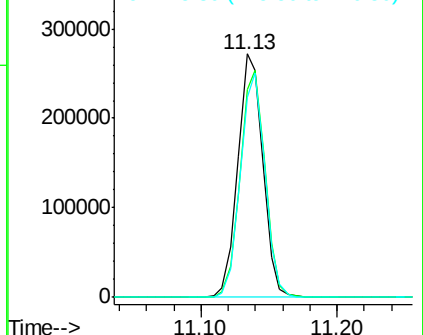
176 90.7 0.0 186.2



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: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007406.D

Acq: 06 Feb 2019 18:10

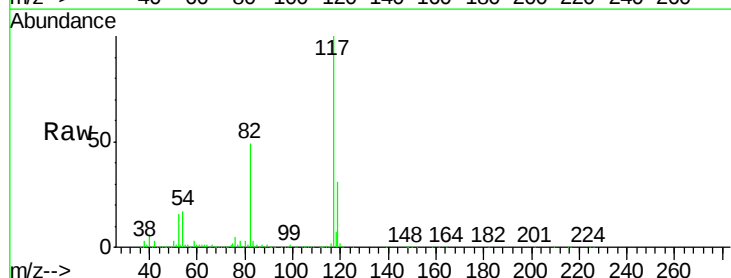
Tgt Ion: 117 Resp: 782611

Ion Ratio Lower Upper

117 100

82 49.0 42.1 63.1

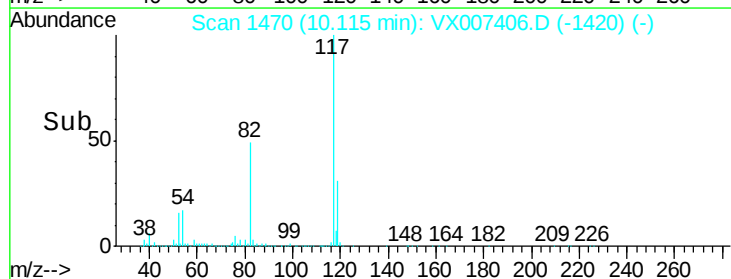
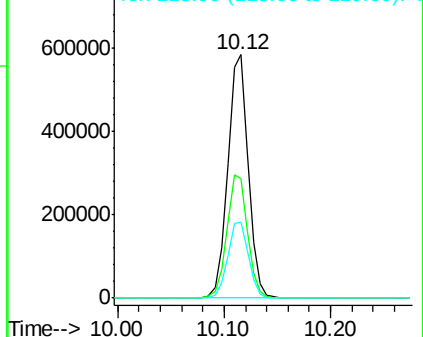
119 31.0 26.5 39.7

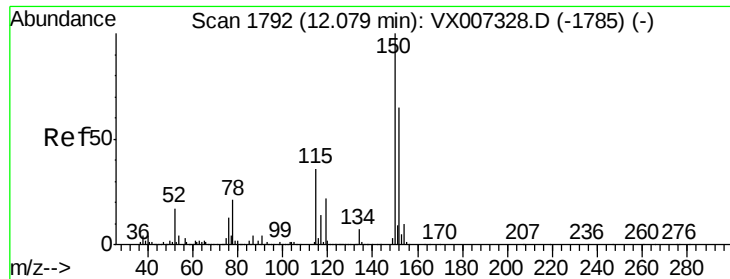


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



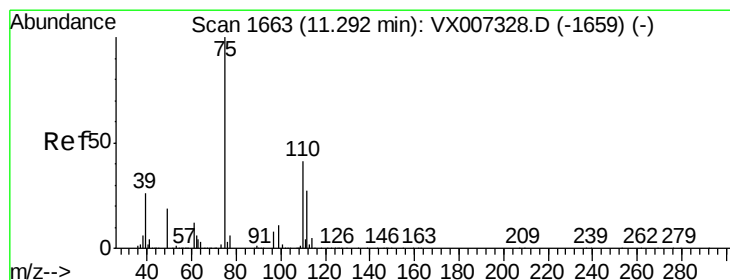
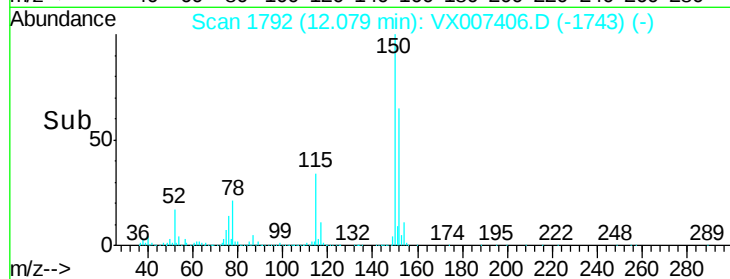
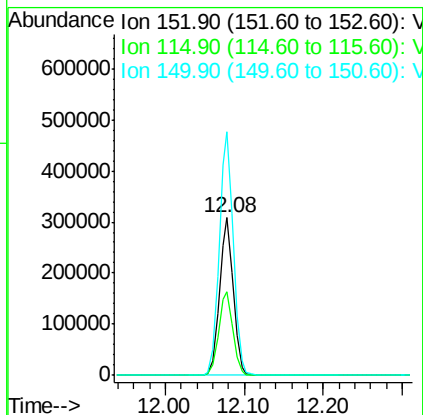
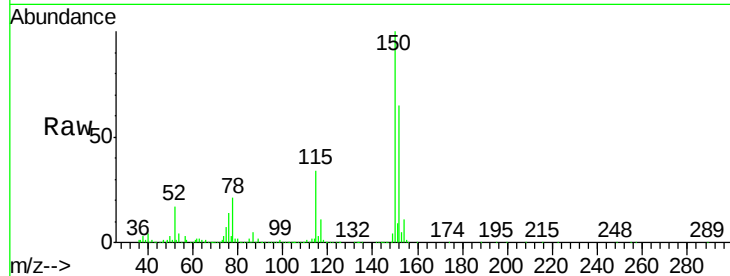


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007406.D
Acq: 06 Feb 2019 18:10

Instrument :
MSVOA_X
ClientSampleId :
MW-6

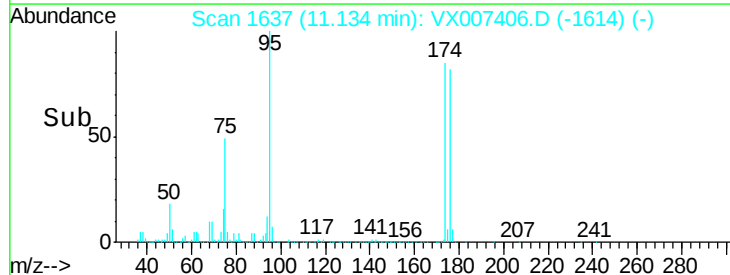
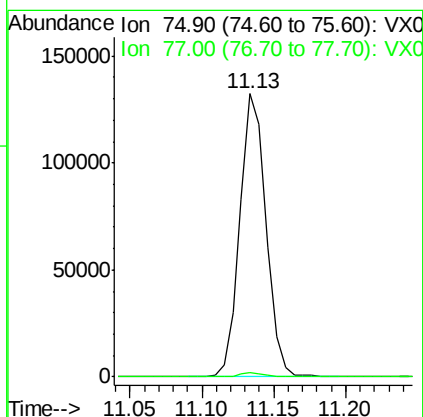
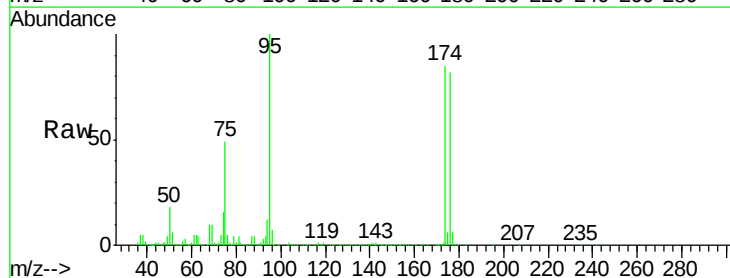
Tot Ion:152 Resp: 375324
Ion Ratio Lower Upper
152 100
115 54.4 38.0 114.0
150 157.1 0.0 346.4

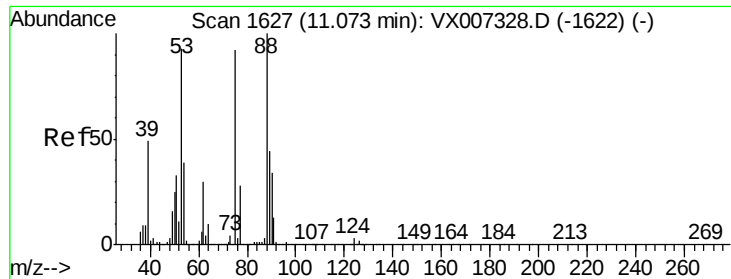


#76

1,2,3-Trichloropropane
Concen: 22.848 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007406.D
Acq: 06 Feb 2019 18:10

Tgt Ion: 75 Resp: 166804
Ion Ratio Lower Upper
75 100
77 1.6 23.0 69.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 68.878 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007406.D

Acq: 06 Feb 2019 18:10

Instrument :

MSVOA_X

ClientSampleId :

MW-6

Tot Ion: 75 Resp: 166804

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

89 0.0 41.4 62.0#

