

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050619\
 Data File : VX009345.D
 Acq On : 06 May 2019 13:08
 Operator : JC/SP
 Sample : K2697-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4-20190502

Quant Time: May 07 06:34:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 04 07:18:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	191334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	304947	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109074	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	125209	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	
35) Dibromofluoromethane	5.50	113	93424	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
50) Toluene-d8	8.71	98	383206	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.13	95	123558	43.94	ug/l	0.00
Spiked Amount			Recovery	=	87.88%	

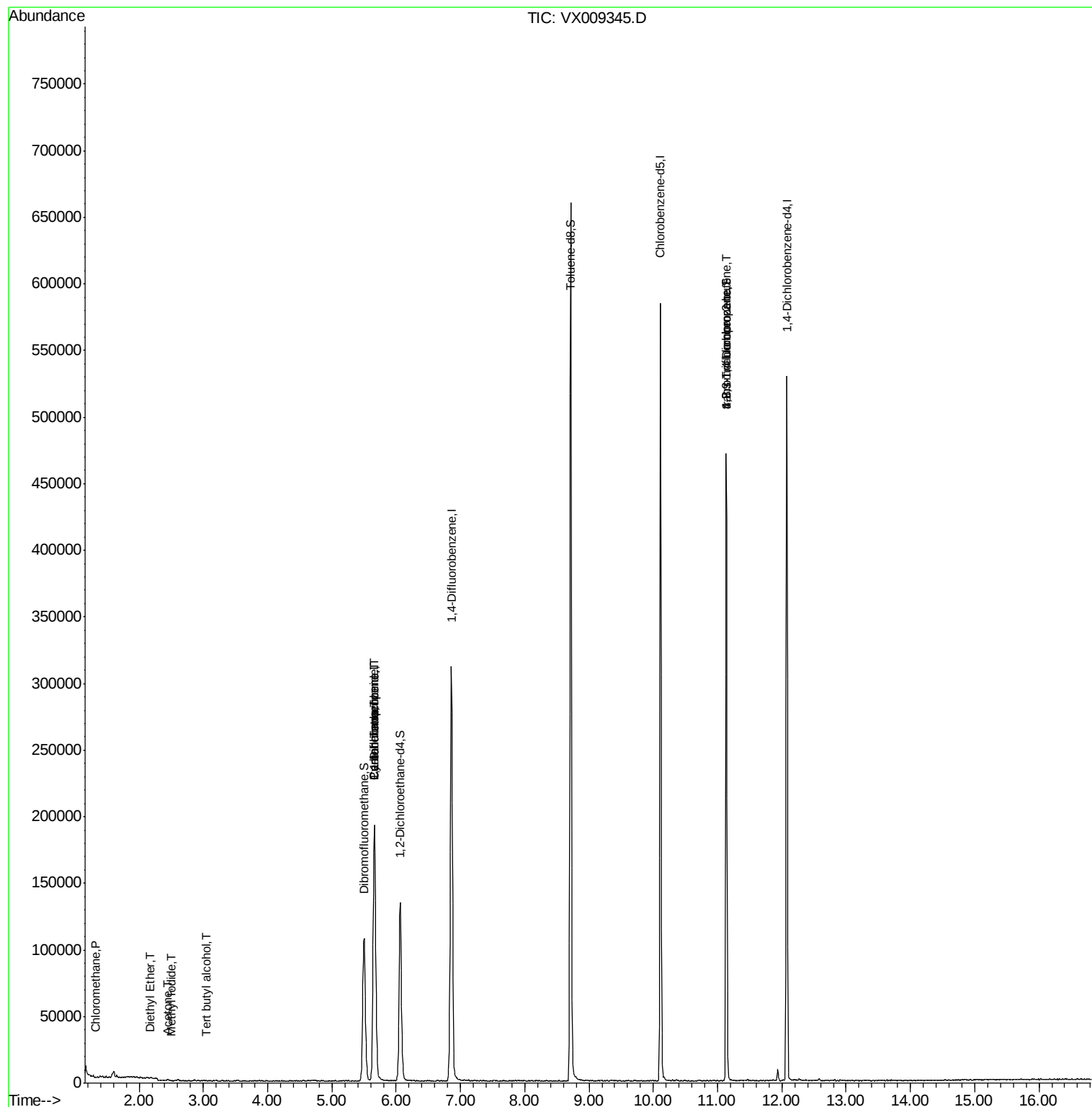
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	488	0.203	ug/l	91
8) Diethyl Ether	2.18	74	311	0.230	ug/l	53
10) Methyl Iodide	2.50	142	21	4.603	ug/l #	42
11) Tert butyl alcohol	3.04	59	311	0.514	ug/l #	73
16) Acetone	2.44	43	1285	0.916	ug/l	91
28) Bromochloromethane	5.00	49	44	Below Cal	#	20
31) Cyclohexane	5.66	56	4051	1.049	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14460	5.102	ug/l #	51
38) Carbon Tetrachloride	5.67	117	17856	6.935	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	62248	24.603	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	62248	62.950	ug/l #	10

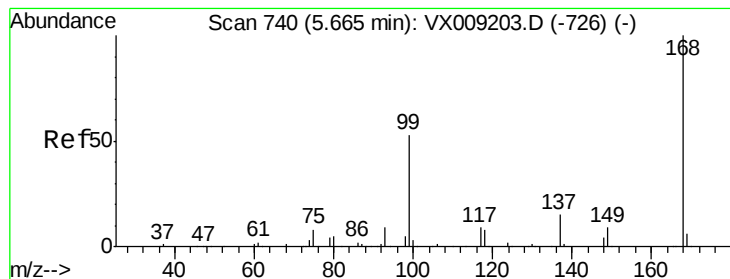
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050619\
Data File : VX009345.D
Acq On : 06 May 2019 13:08
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ClientSampleId :
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Quant Time: May 07 06:34:51 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Sat May 04 07:18:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009345.D

Acq: 06 May 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

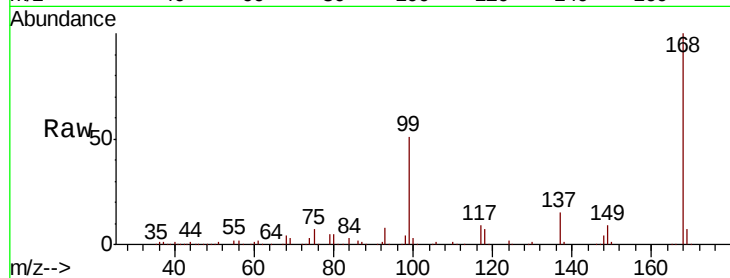
MW-4-20190502

Tot Ion:168 Resp: 191334

Ion Ratio Lower Upper

168 100

99 51.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

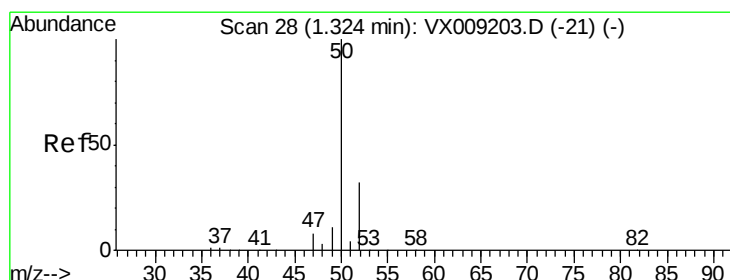
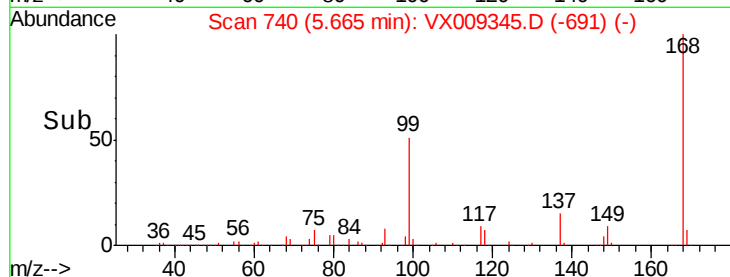
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.203 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX009345.D

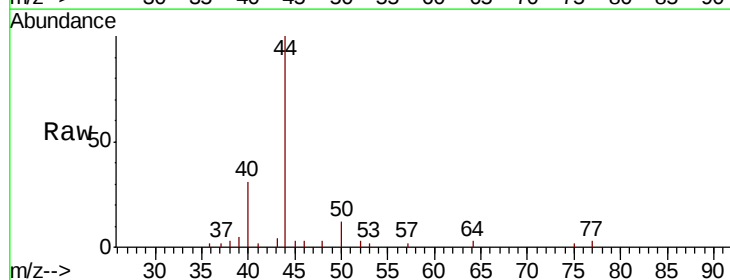
Acq: 06 May 2019 13:08

Tgt Ion: 50 Resp: 488

Ion Ratio Lower Upper

50 100

52 27.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

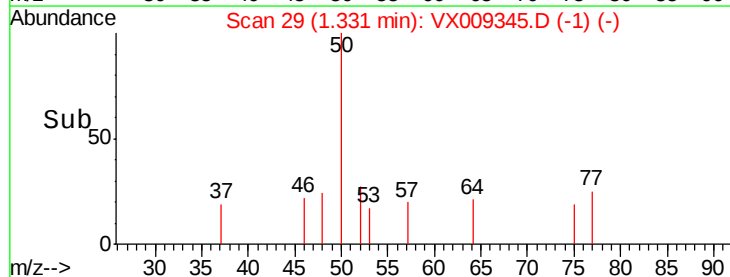
300

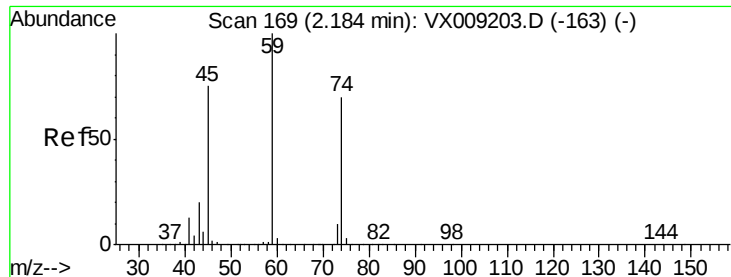
200

100

0

Time--> 1.30 1.35





#8

Diethyl Ether

Concen: 0.230 ug/l

RT: 2.18 min Scan# 169

Delta R.T. 0.00 min

Lab File: VX009345.D

Acq: 06 May 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

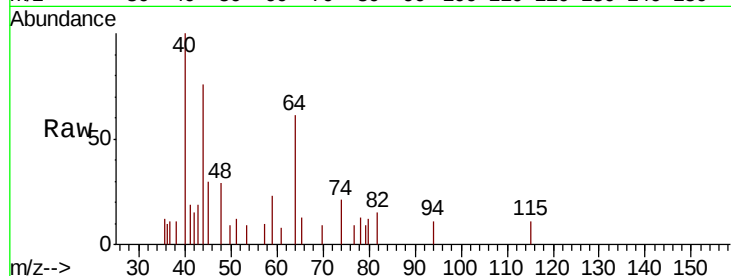
MW-4-20190502

Tot Ion: 74 Resp: 311

Ion Ratio Lower Upper

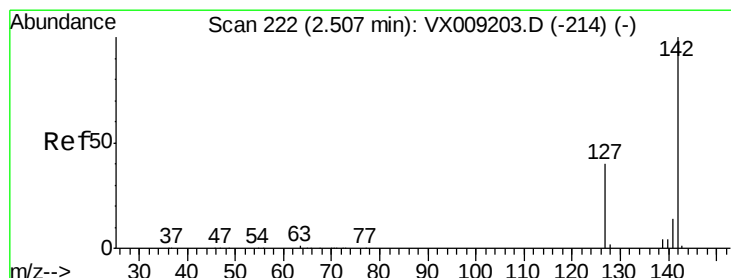
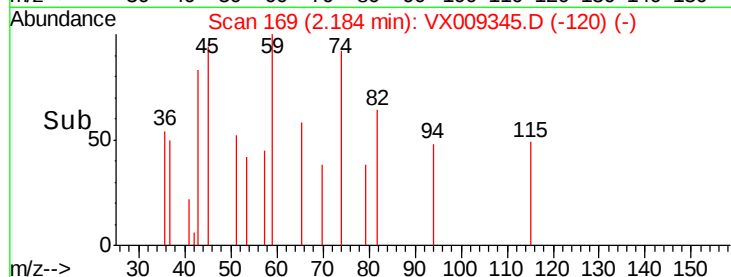
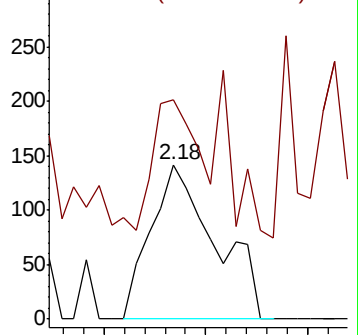
74 100

45 58.2 53.3 159.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#10

Methyl Iodide

Concen: 4.603 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX009345.D

Acq: 06 May 2019 13:08

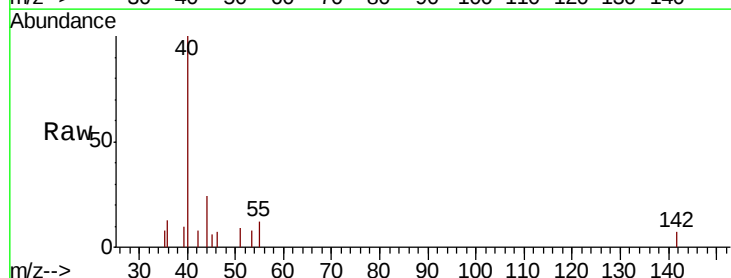
Tgt Ion: 142 Resp: 21

Ion Ratio Lower Upper

142 100

127 0.0 32.7 49.1#

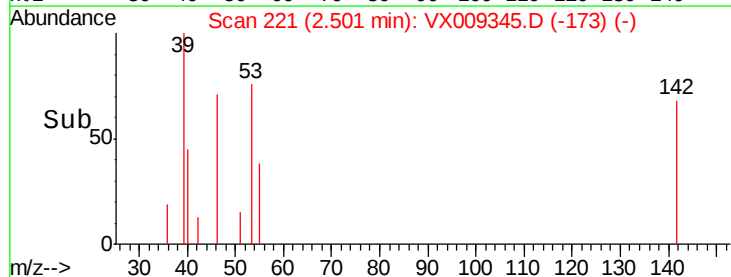
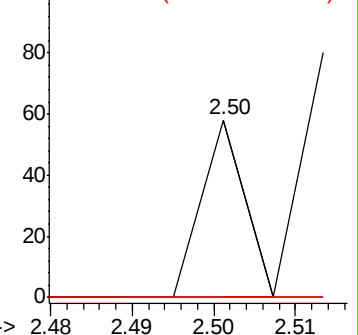
141 0.0 11.5 17.3#

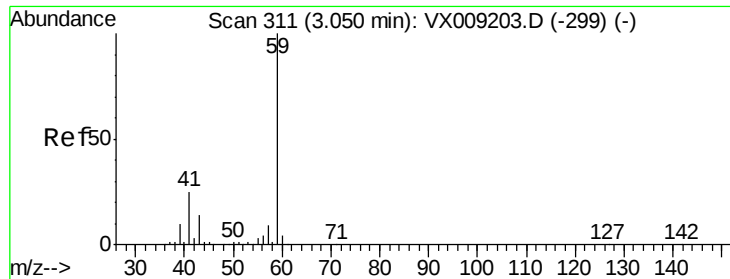


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

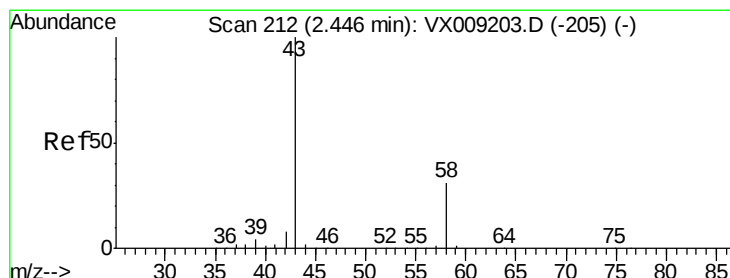
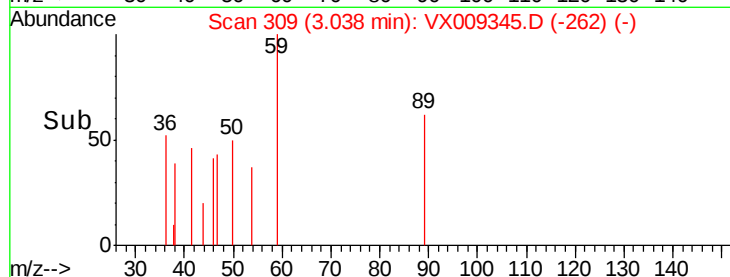
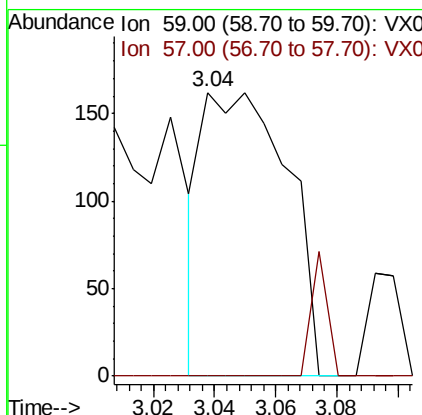
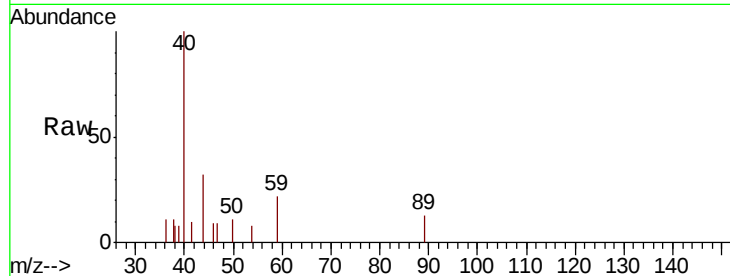




#11
Tert butyl alcohol
Concen: 0.514 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX009345.D
Acq: 06 May 2019 13:08

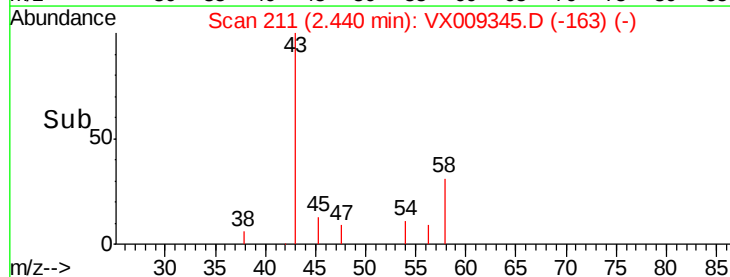
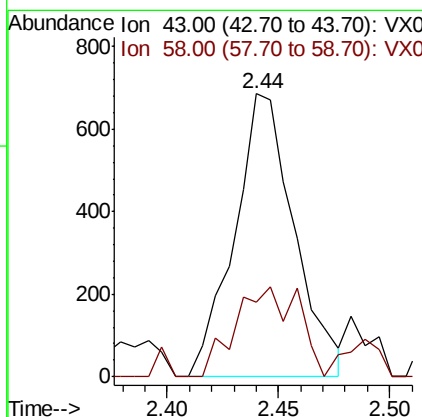
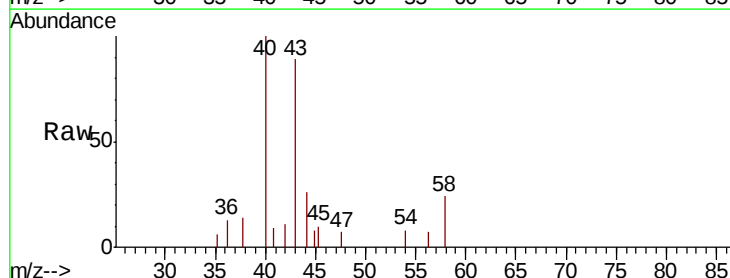
Instrument :
MSVOA_X
ClientSampleId :
MW-4-20190502

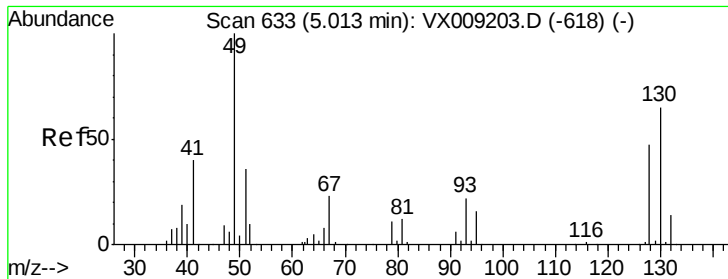
Tot Ion: 59 Resp: 311
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 0.916 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009345.D
Acq: 06 May 2019 13:08

Tgt Ion: 43 Resp: 1285
Ion Ratio Lower Upper
43 100
58 26.4 24.9 37.3





#28

Bromochloromethane

Concen: Below Cal

RT: 5.00 min Scan# 631

Delta R.T. -0.01 min

Lab File: VX009345.D

Acq: 06 May 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

MW-4-20190502

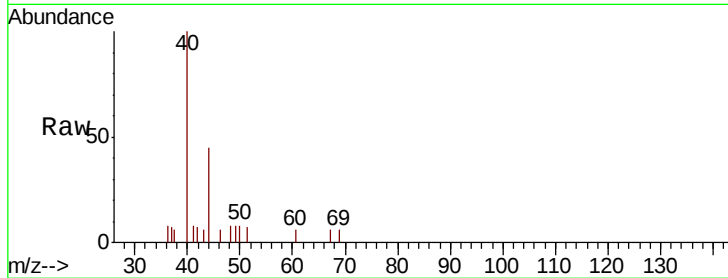
Tot Ion: 49 Resp: 44

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

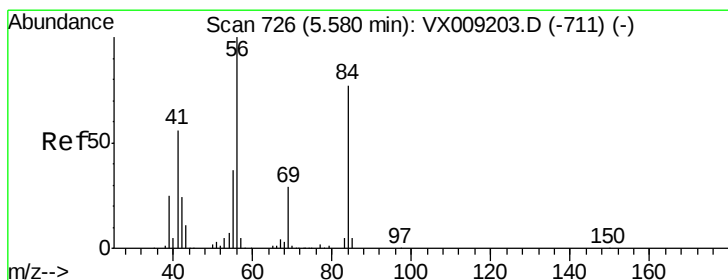
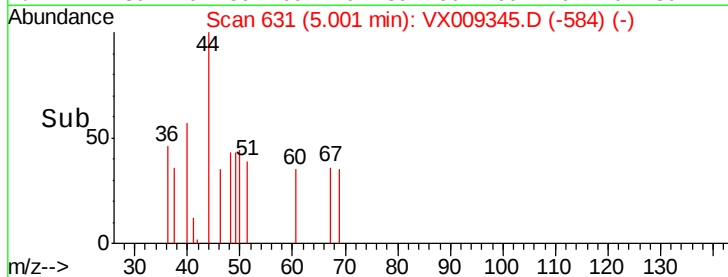
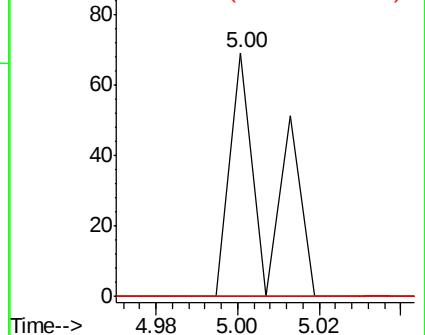
130 0.0 51.2 76.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#31

Cyclohexane

Concen: 1.049 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.08 min

Lab File: VX009345.D

Acq: 06 May 2019 13:08

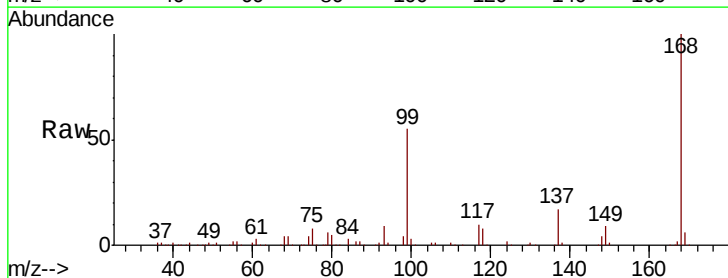
Tgt Ion: 56 Resp: 4051

Ion Ratio Lower Upper

56 100

69 165.1 23.4 35.0#

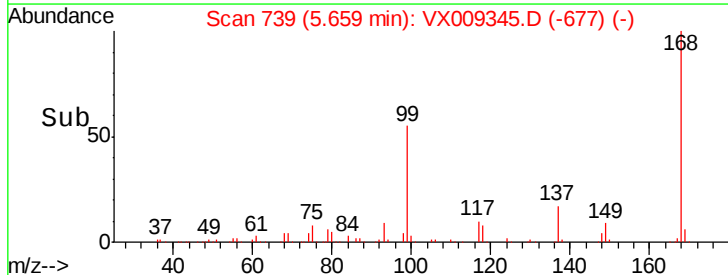
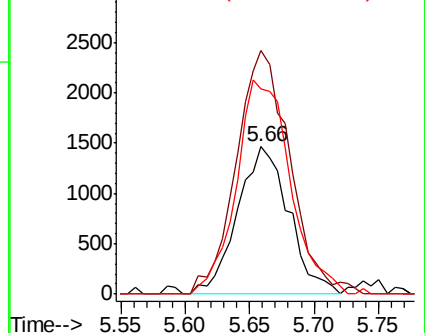
84 139.2 61.9 92.9#



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: 47.937 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009345.D

Acq: 06 May 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

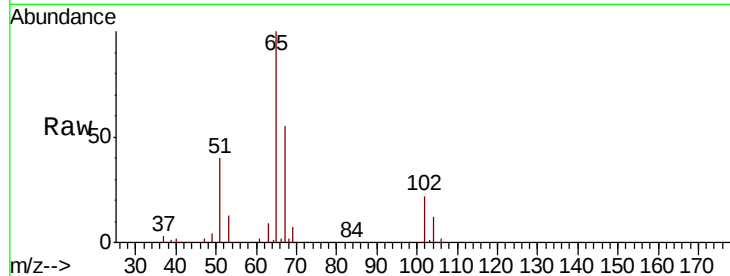
MW-4-20190502

Tot Ion: 65 Resp: 125209

Ion Ratio Lower Upper

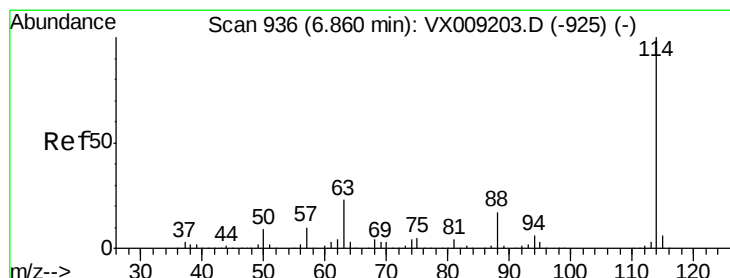
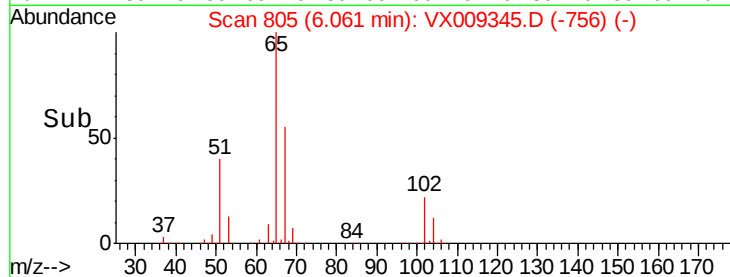
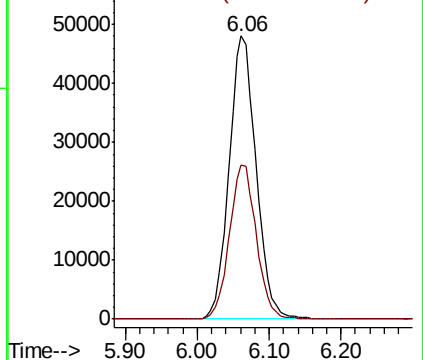
65 100

67 54.4 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009345.D

Acq: 06 May 2019 13:08

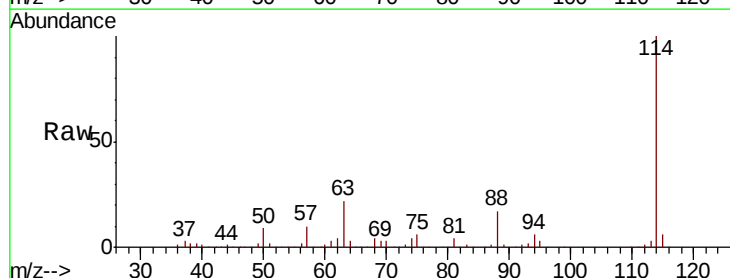
Tgt Ion: 114 Resp: 304947

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.6

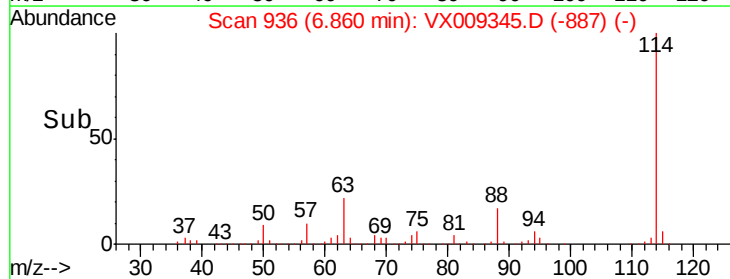
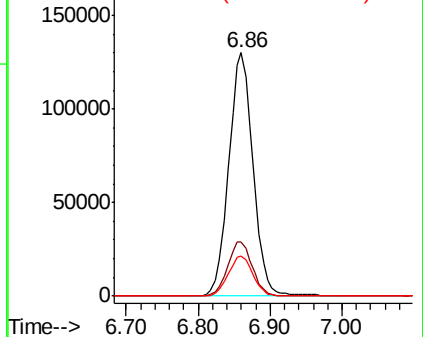
88 16.6 0.0 33.2

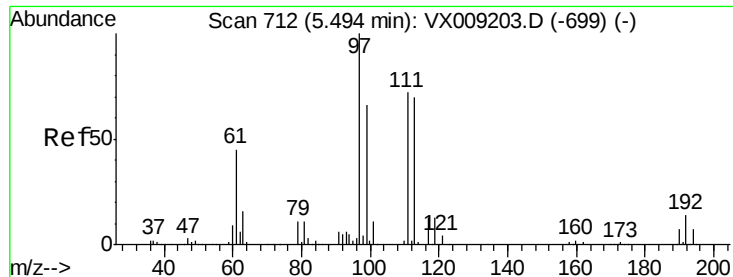


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

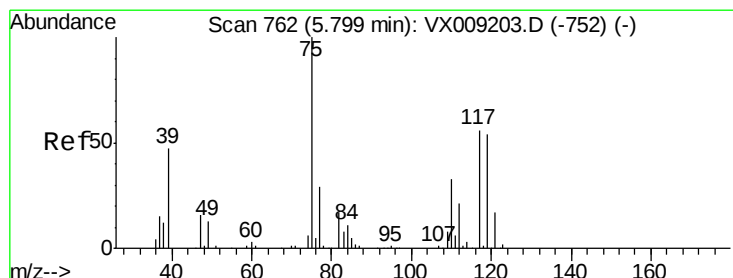
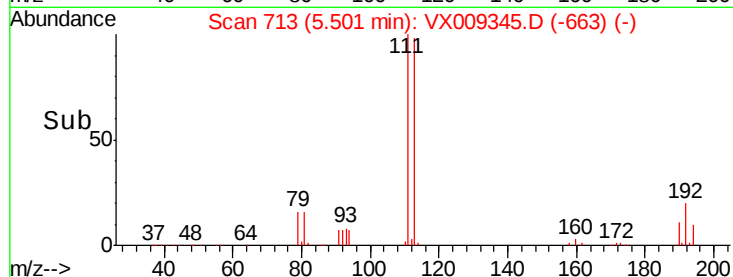
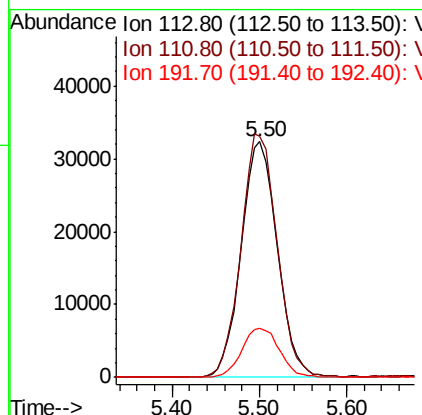
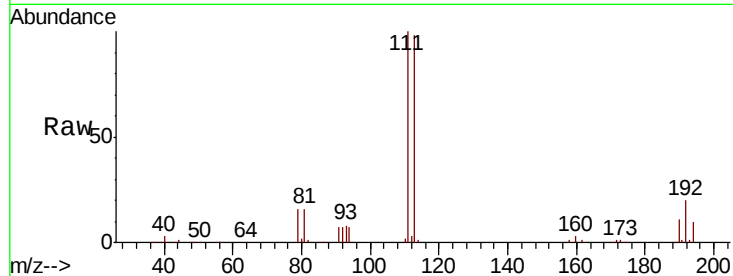




#35
 Dibromofluoromethane
 Concen: 48.734 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009345.D
 Acq: 06 May 2019 13:08

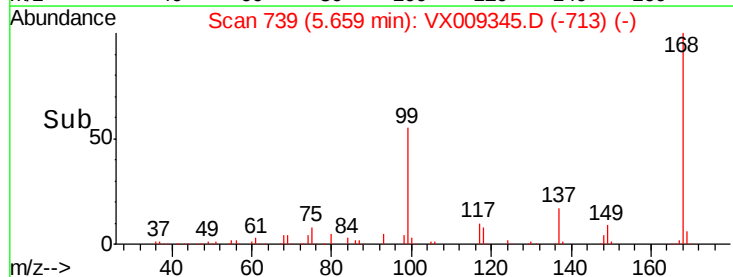
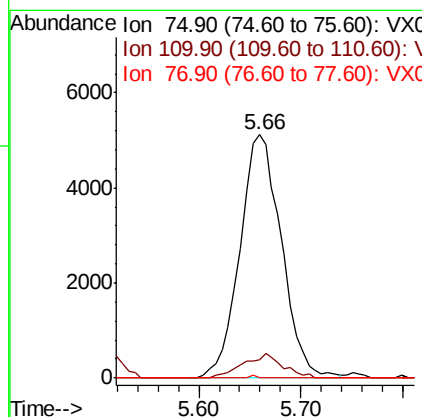
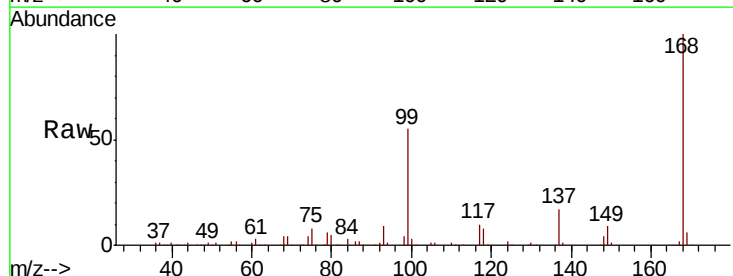
Instrument :
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 MW-4-20190502

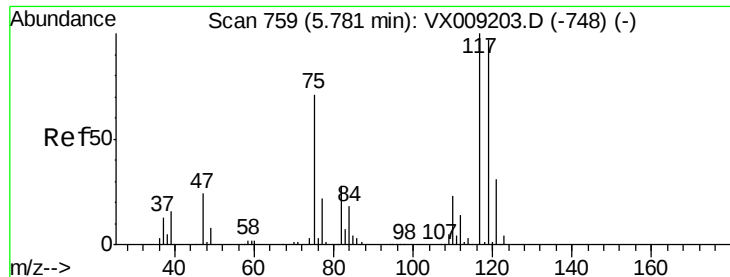
Tot Ion:113 Resp: 93424
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.8 124.2
 192 21.6 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 5.102 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX009345.D
 Acq: 06 May 2019 13:08

Tgt Ion: 75 Resp: 14460
 Ion Ratio Lower Upper
 75 100
 110 9.5 16.9 50.6#
 77 0.1 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.935 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX009345.D

Acq: 06 May 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

MW-4-20190502

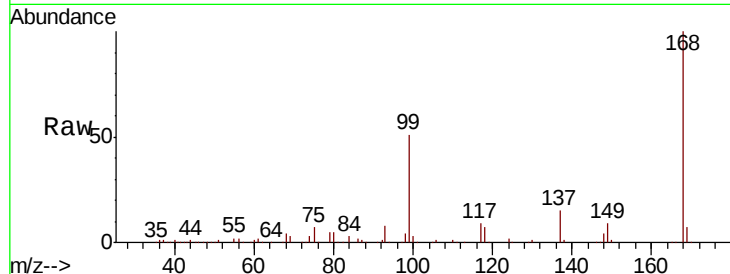
Tot Ion:117 Resp: 17856

Ion Ratio Lower Upper

117 100

119 4.6 77.5 116.3#

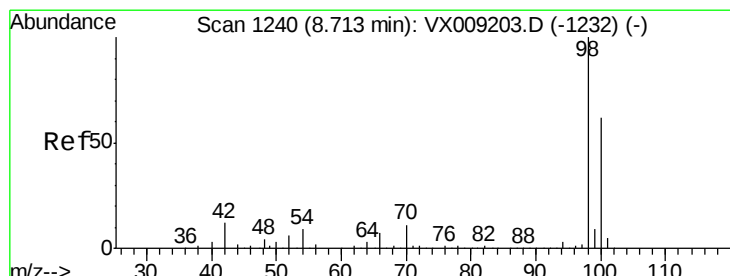
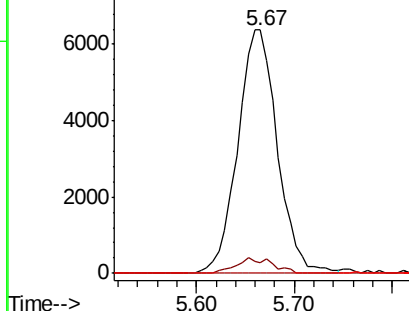
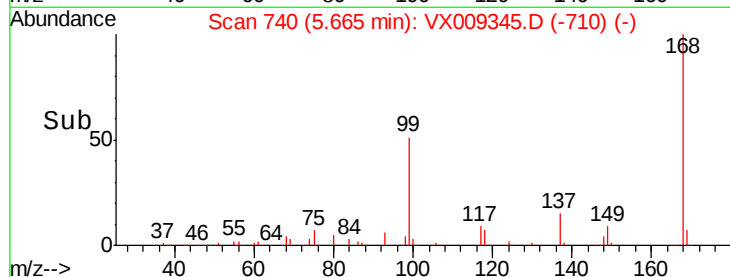
121 0.0 24.7 37.1#



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



#50

Toluene-d8

Concen: 49.513 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009345.D

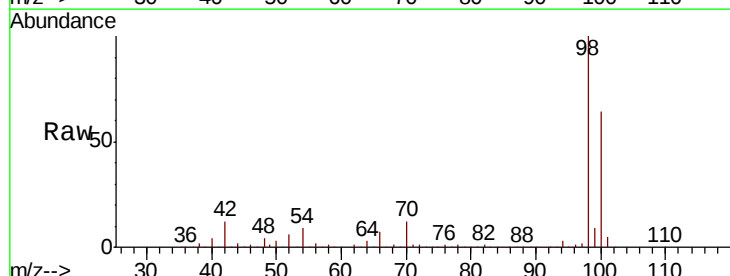
Acq: 06 May 2019 13:08

Tgt Ion: 98 Resp: 383206

Ion Ratio Lower Upper

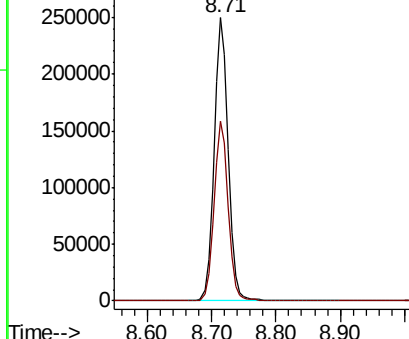
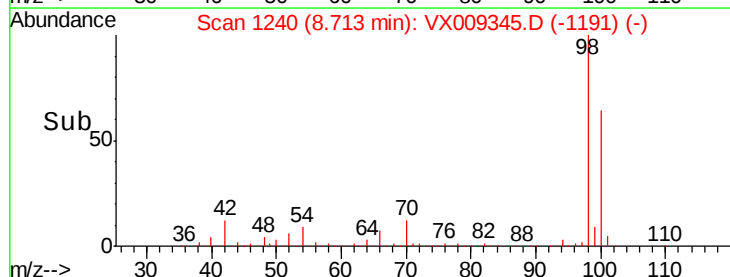
98 100

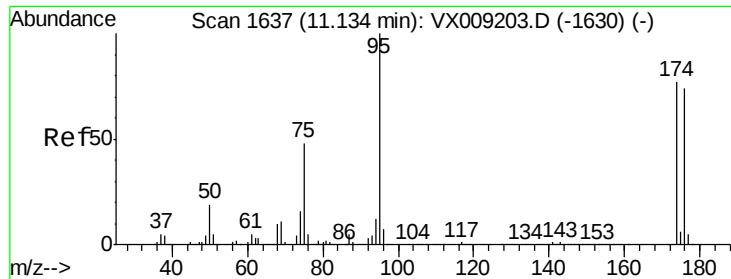
100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

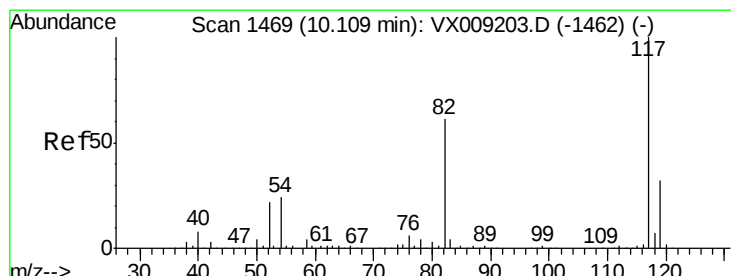
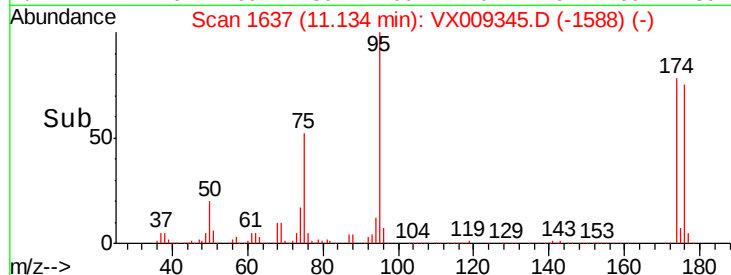
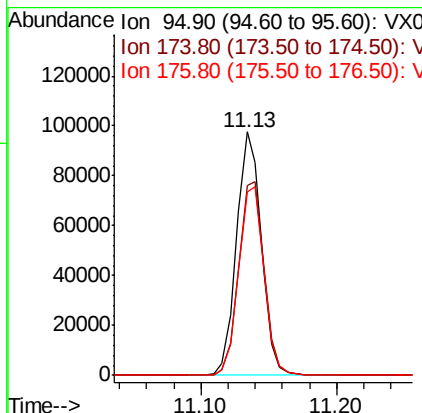
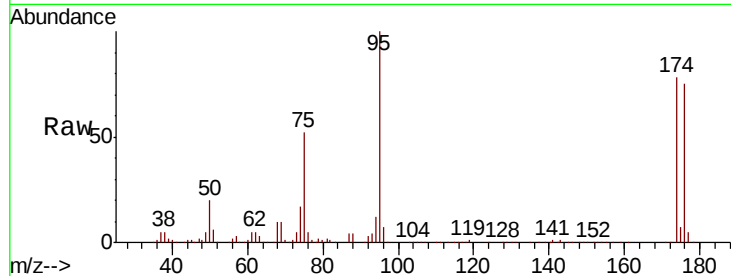




#62
 4-Bromofluorobenzene
 Concen: 43.936 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX009345.D
 Acq: 06 May 2019 13:08

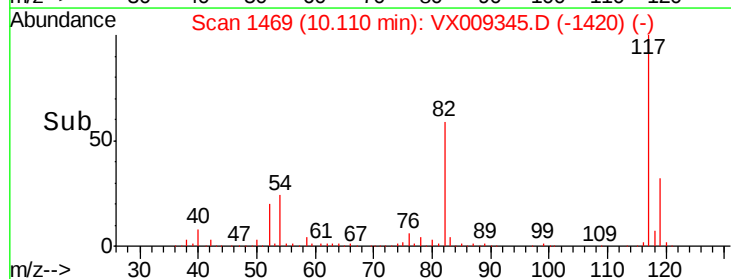
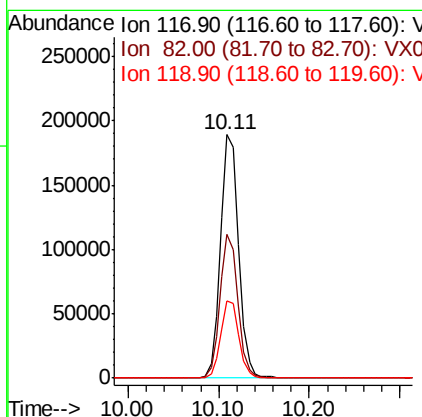
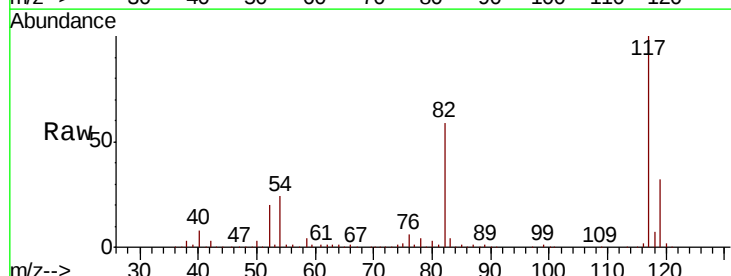
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4-20190502

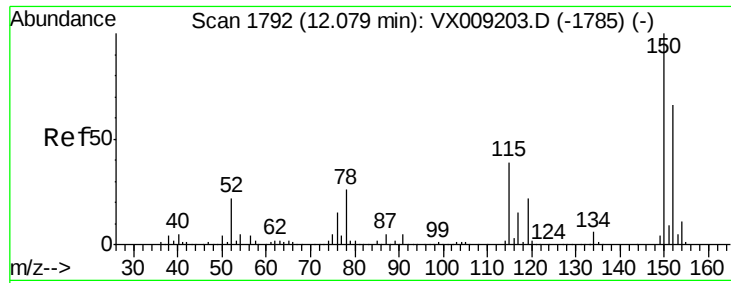
Tot Ion: 95 Resp: 123558
 Ion Ratio Lower Upper
 95 100
 174 81.8 0.0 161.6
 176 79.4 0.0 159.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX009345.D
 Acq: 06 May 2019 13:08

Tgt Ion: 117 Resp: 263968
 Ion Ratio Lower Upper
 117 100
 82 59.1 48.8 73.2
 119 31.7 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009345.D

Acq: 06 May 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

MW-4-20190502

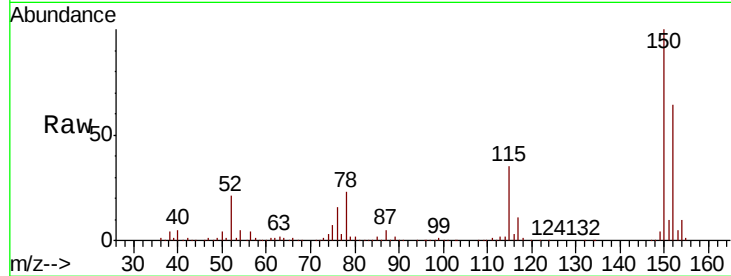
Tot Ion:152 Resp: 109074

Ion Ratio Lower Upper

152 100

115 58.2 41.2 123.6

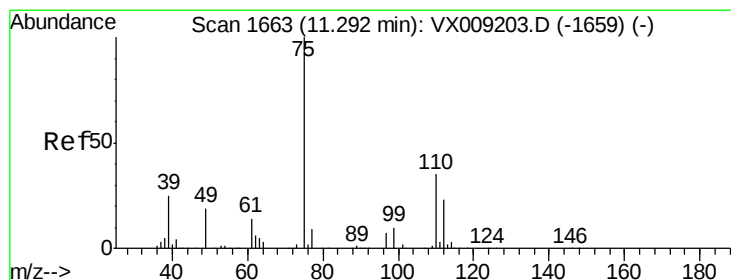
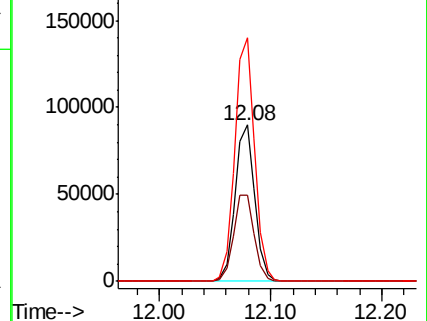
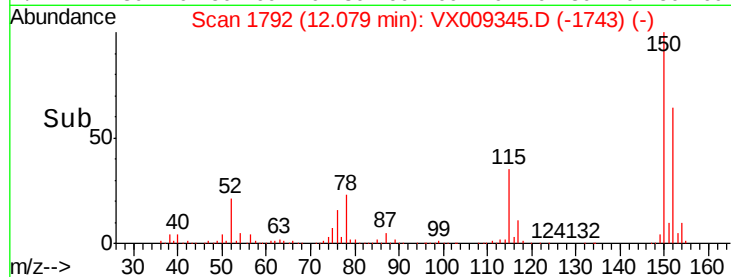
150 157.0 0.0 346.4



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: 24.603 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009345.D

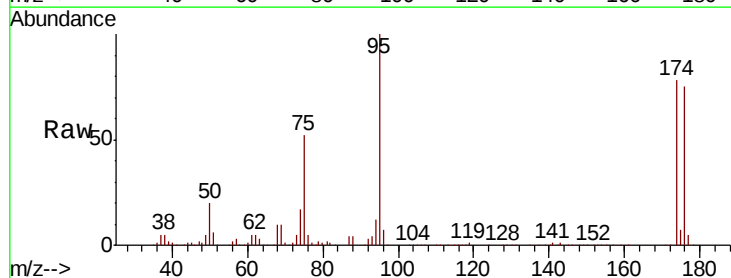
Acq: 06 May 2019 13:08

Tgt Ion: 75 Resp: 62248

Ion Ratio Lower Upper

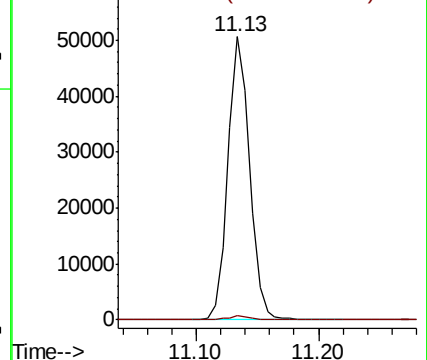
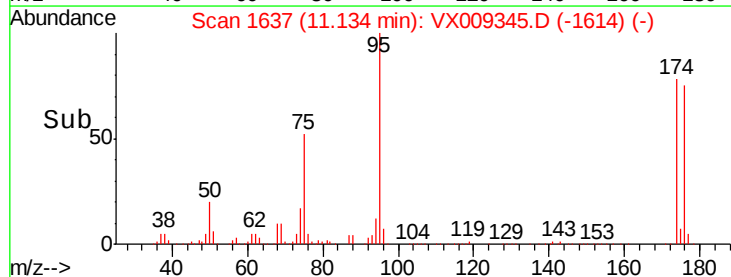
75 100

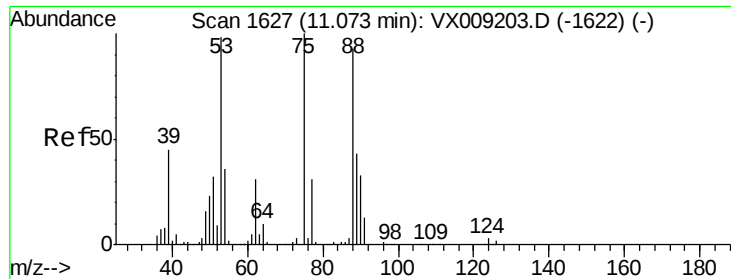
77 1.5 22.1 66.1#



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: 62.950 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009345.D

Acq: 06 May 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

MW-4-20190502

Tot Ion: 75 Resp: 62248

Ion Ratio Lower Upper

75 100

53 0.1 79.0 118.6#

89 0.0 34.7 52.1#

