

Data File : VX009708.D
Acq On : 18 May 2019 10:33
Operator : JC/SP
Sample : K2901-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 62 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-9E_R2

Quant Time: May 20 04:17:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	170884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	274664	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	106072	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	116189	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
35) Dibromofluoromethane	5.50	113	84813	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	8.71	98	348595	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.13	95	116848	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	

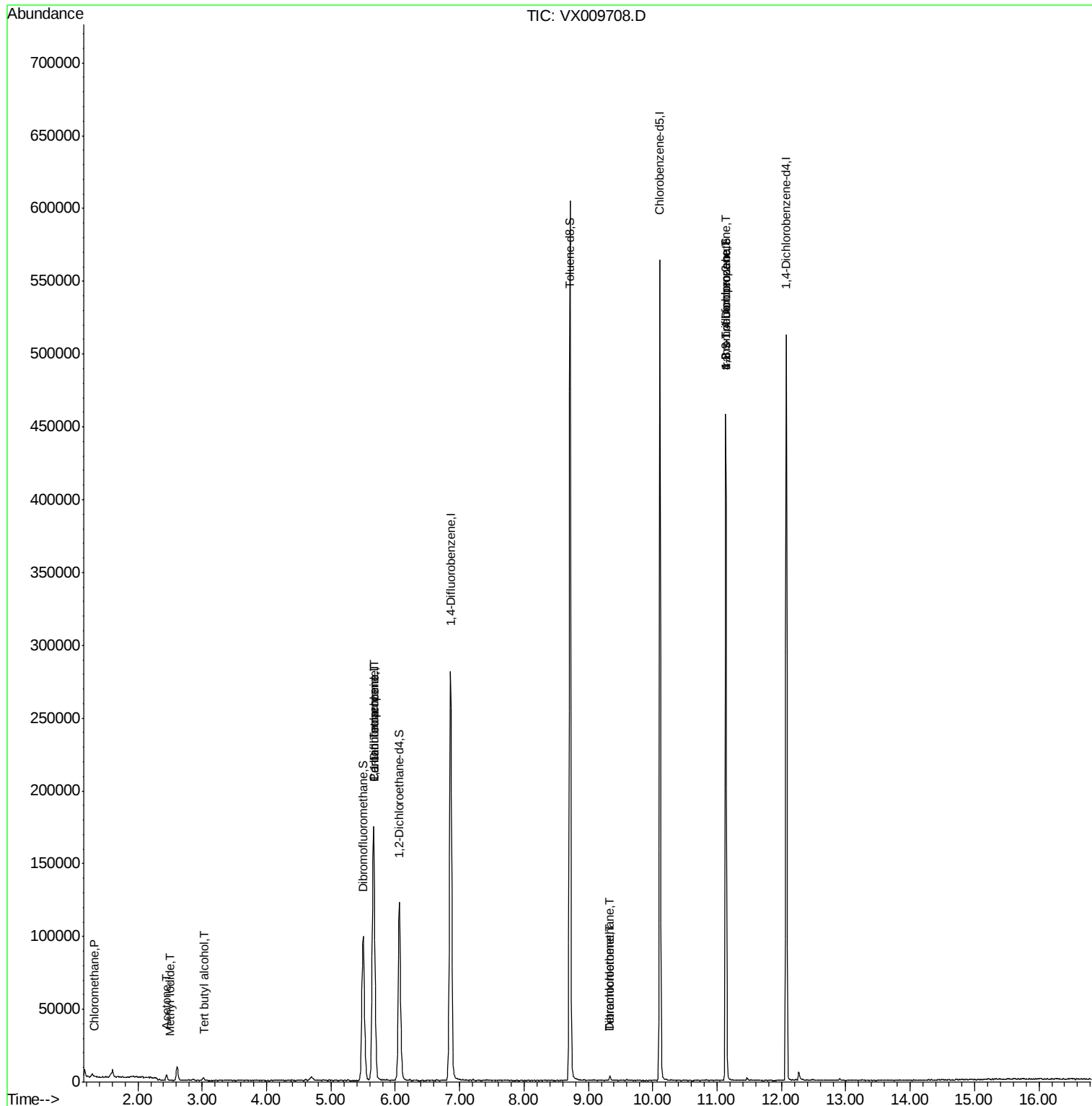
Target Compounds			Qvalue			
3) Chloromethane	1.32	50	714	0.332	ug/l	99
10) Methyl Iodide	2.51	142	20	4.604	ug/l #	42
11) Tert butyl alcohol	3.03	59	1319	2.443	ug/l #	77
16) Acetone	2.45	43	4029	3.216	ug/l	95
28) Bromochloromethane	5.02	49	71	Below Cal	#	20
36) 1,1-Dichloropropene	5.67	75	13547	5.307	ug/l #	50
38) Carbon Tetrachloride	5.66	117	16169	6.972	ug/l #	16
60) Dibromochloromethane	9.34	129	457	0.239	ug/l #	11
64) Tetrachloroethene	9.34	164	611	0.363	ug/l #	85
76) 1,2,3-Trichloropropane	11.13	75	60147	24.445	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	60147	62.546	ug/l #	10

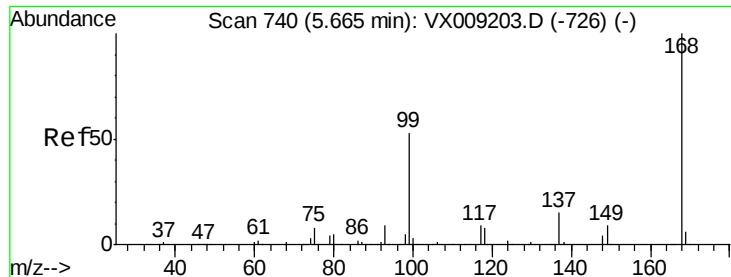
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
MW-9E_R2

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009708.D

Acq: 18 May 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

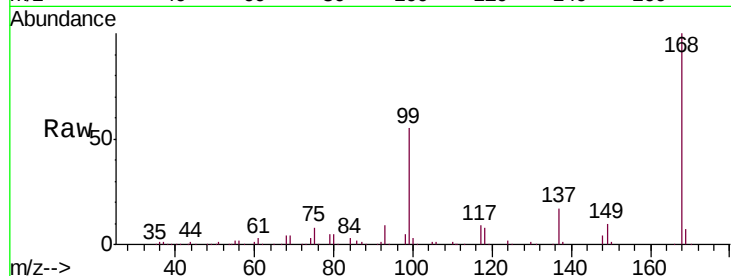
MW-9E_R2

Tgt Ion:168 Resp: 170884

Ion Ratio Lower Upper

168 100

99 55.5 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

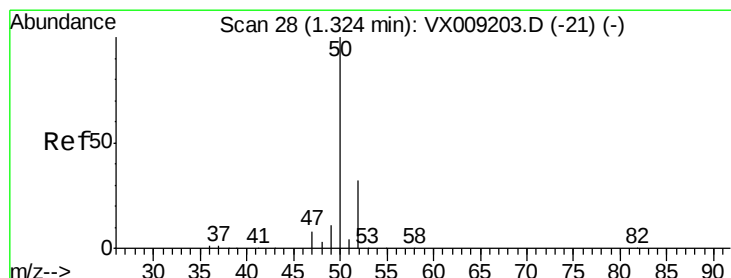
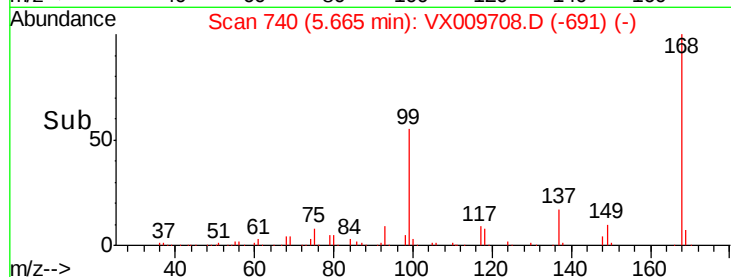
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.332 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009708.D

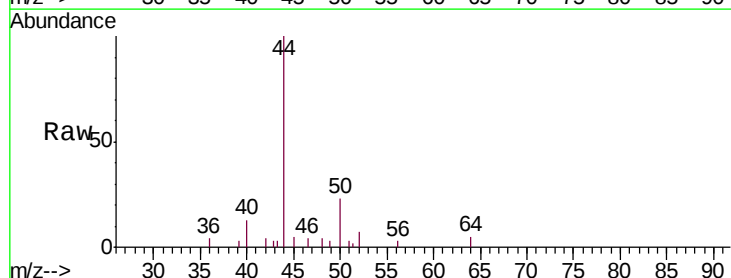
Acq: 18 May 2019 10:33

Tgt Ion: 50 Resp: 714

Ion Ratio Lower Upper

50 100

52 32.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

600

500

400

300

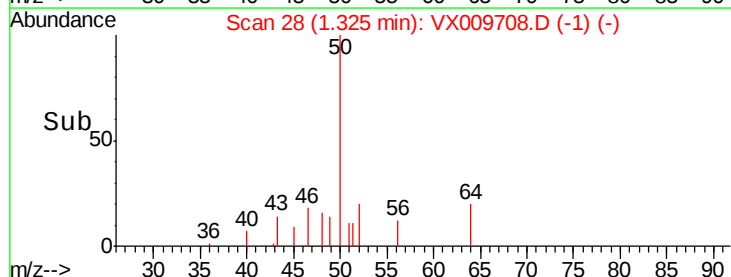
200

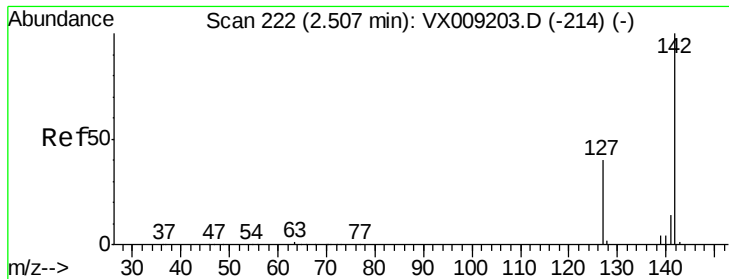
100

0

Time-->

1.30 1.35

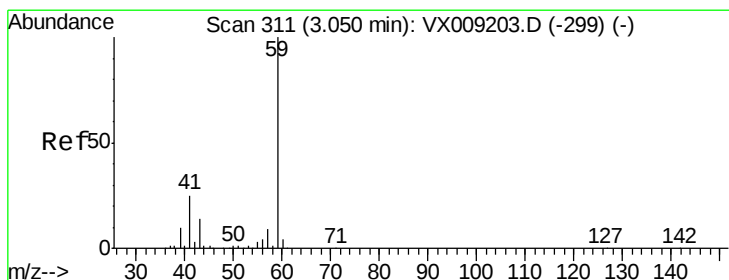
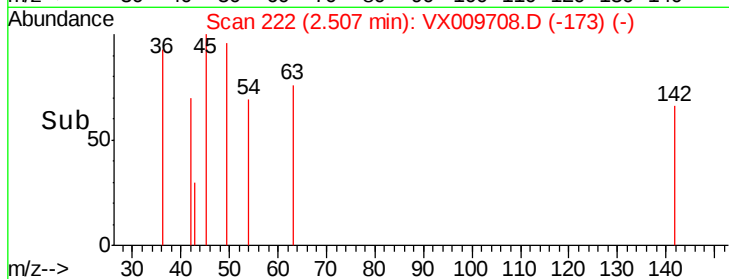
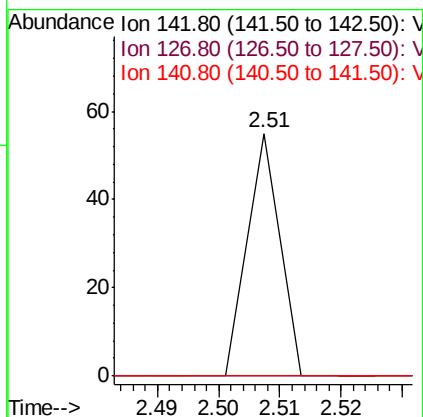
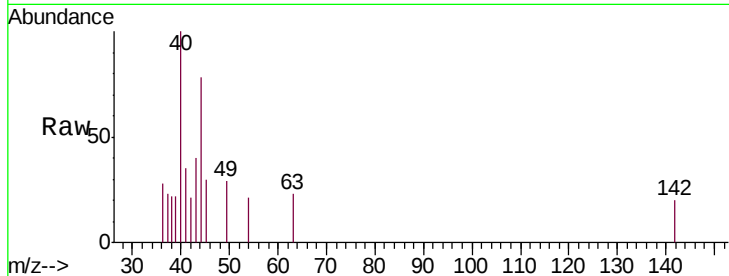




#10
Methyl Iodide
Concen: 4.604 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX009708.D
Acq: 18 May 2019 10:33

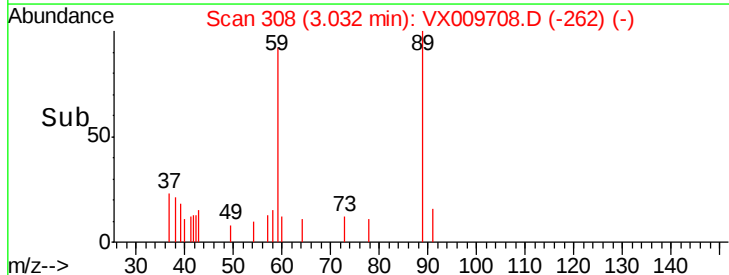
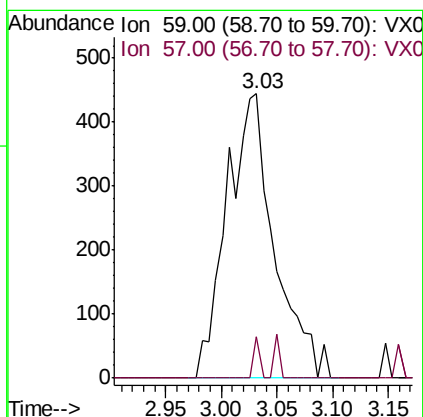
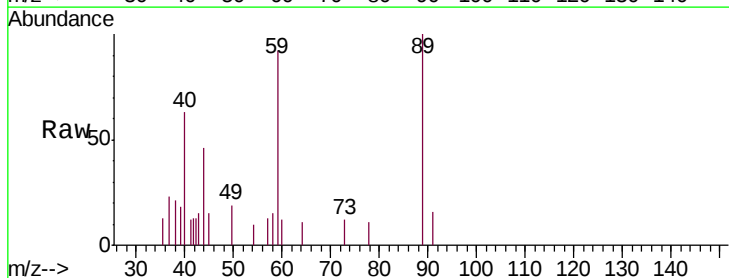
Instrument :
MSVOA_X
ClientSampled :
MW-9E_R2

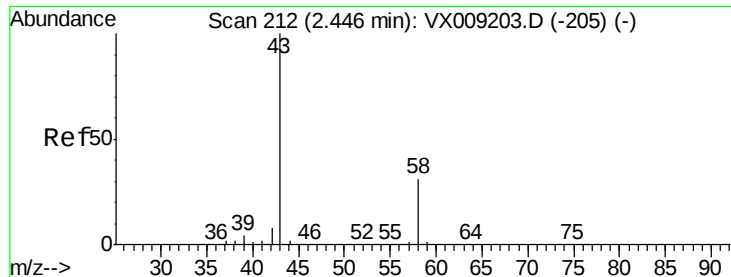
Tgt Ion: 142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 32.7 49.1#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 2.443 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.02 min
Lab File: VX009708.D
Acq: 18 May 2019 10:33

Tgt Ion: 59 Resp: 1319
Ion Ratio Lower Upper
59 100
57 1.7 8.2 12.2#

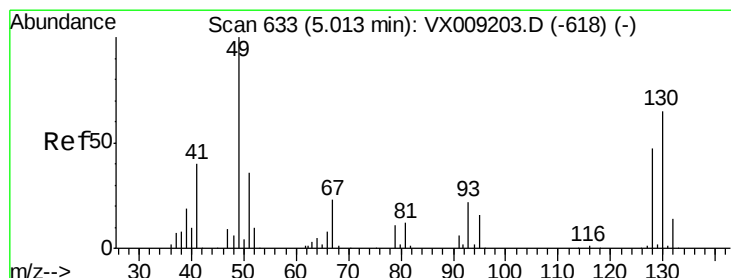
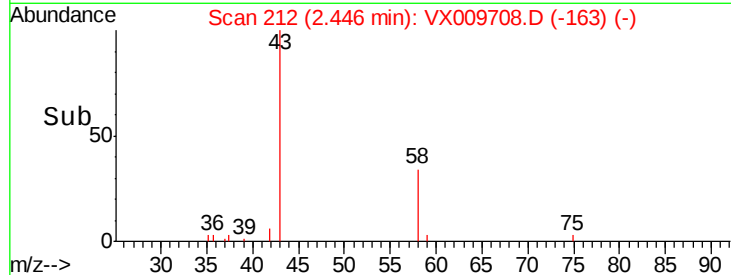
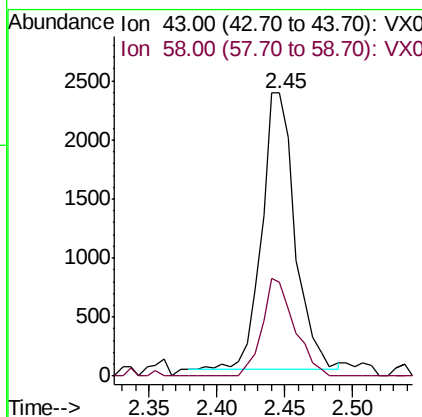
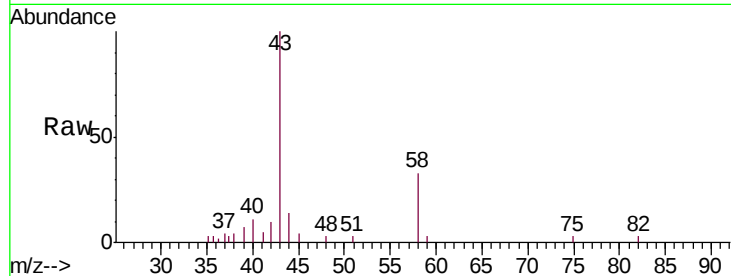




#16
 Acetone
 Concen: 3.216 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX009708.D
 Acq: 18 May 2019 10:33

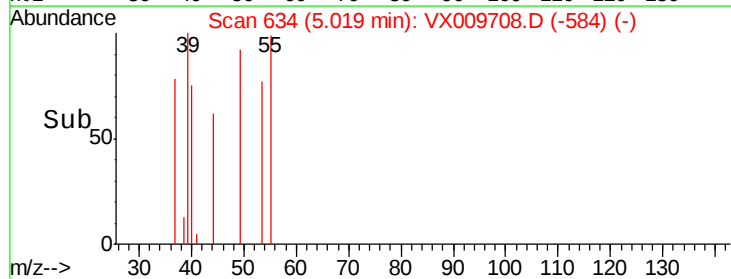
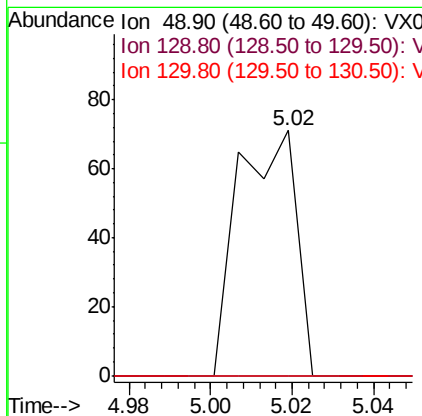
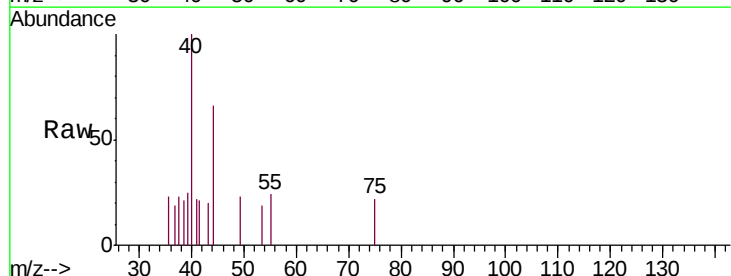
Instrument :
 MSVOA_X
 ClientSampled :
 MW-9E_R2

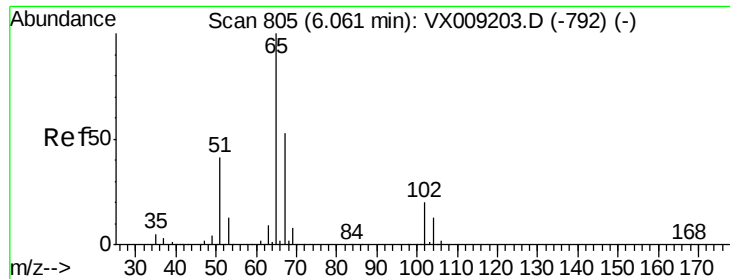
Tgt Ion: 43 Resp: 4029
 Ion Ratio Lower Upper
 43 100
 58 33.7 24.9 37.3



#28
 Bromochloromethane
 Concen: Below Cal
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX009708.D
 Acq: 18 May 2019 10:33

Tgt Ion: 49 Resp: 71
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 0.0 51.2 76.8#

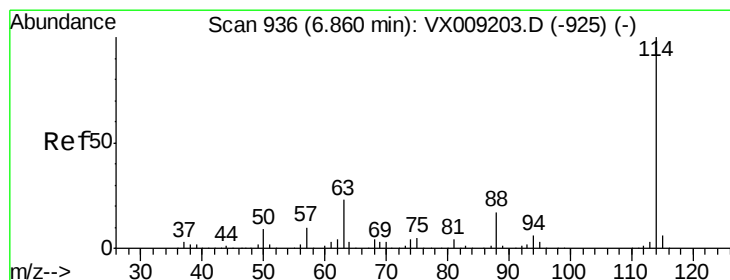
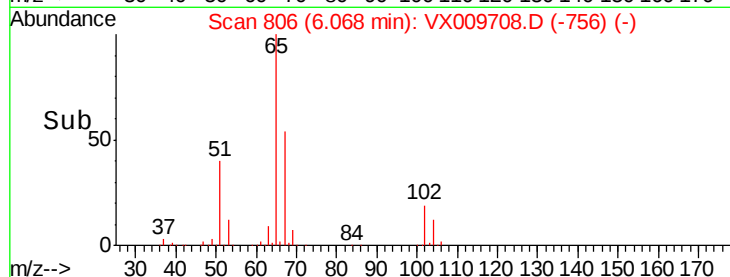
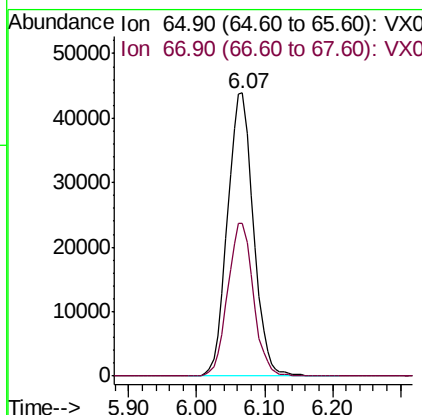
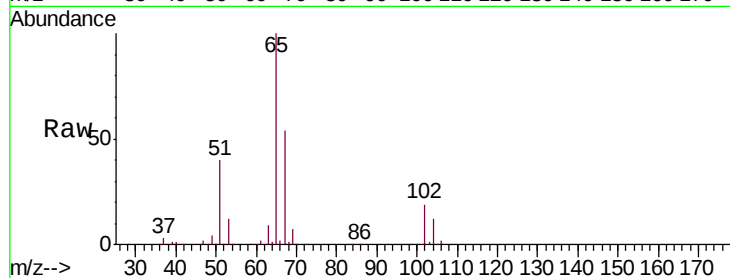




#33
 1,2-Dichloroethane-d4
 Concen: 49.807 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX009708.D
 Acq: 18 May 2019 10:33

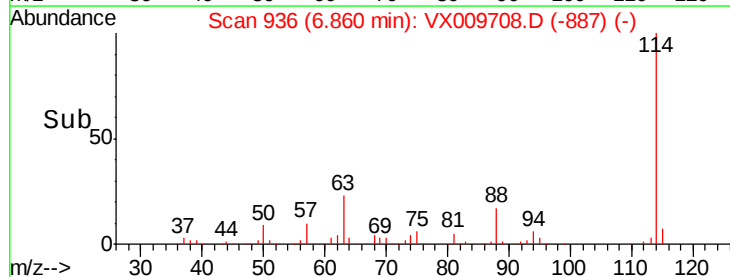
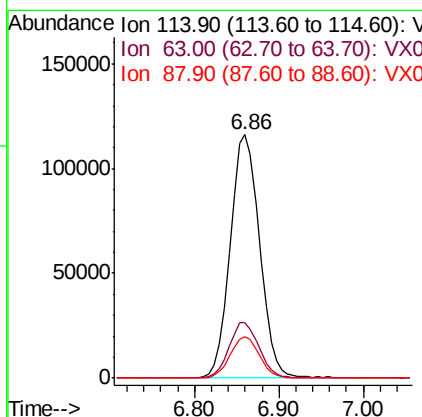
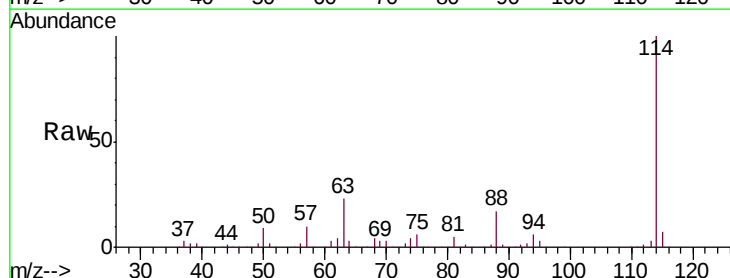
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9E_R2

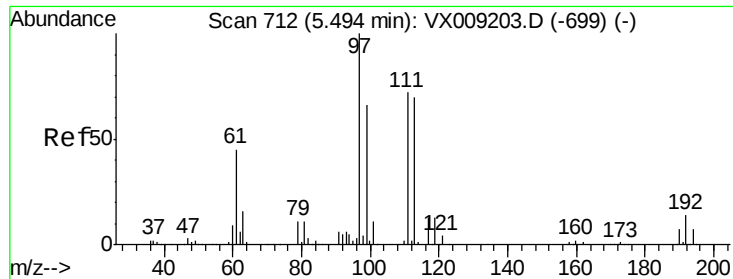
Tgt Ion: 65 Resp: 116189
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009708.D
 Acq: 18 May 2019 10:33

Tgt Ion: 114 Resp: 274664
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.6
 88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.120 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009708.D

Acq: 18 May 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

MW-9E_R2

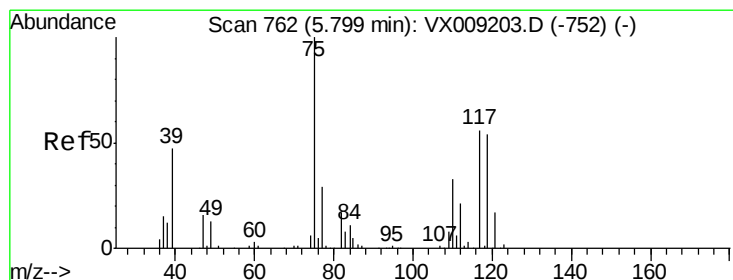
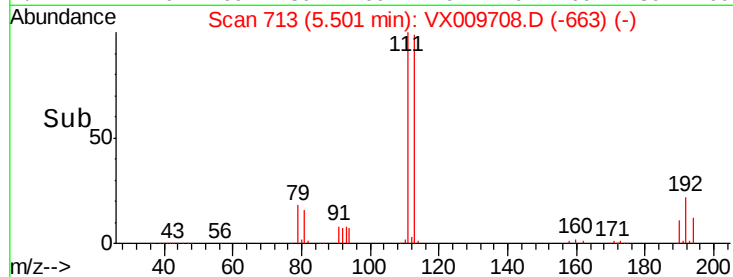
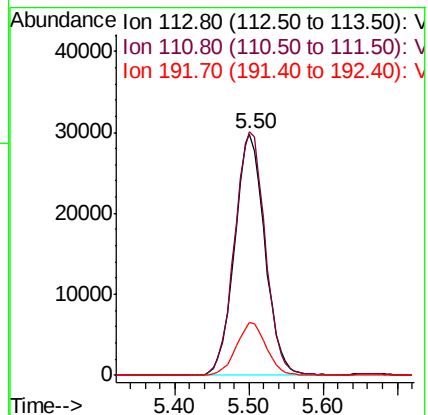
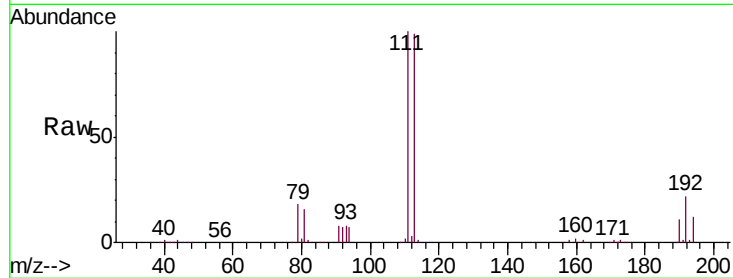
Tgt Ion:113 Resp: 84813

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 21.7 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.307 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX009708.D

Acq: 18 May 2019 10:33

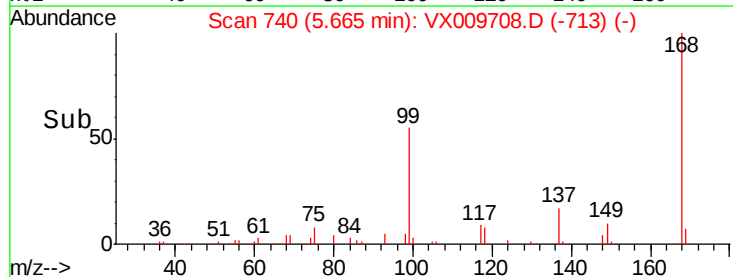
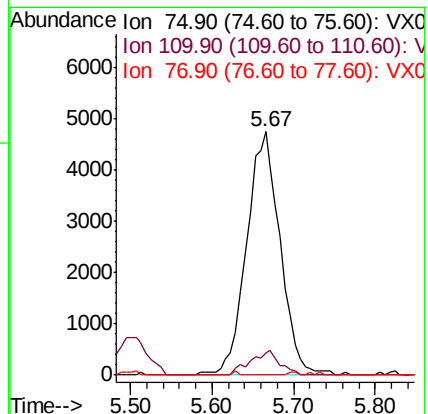
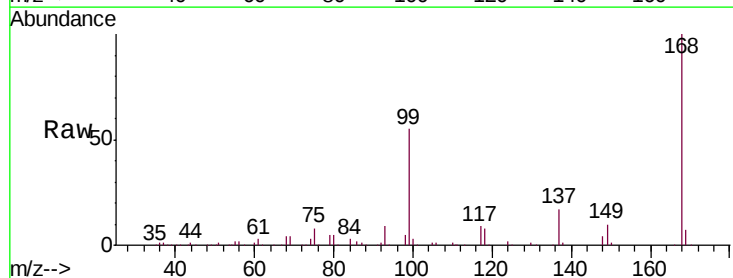
Tgt Ion: 75 Resp: 13547

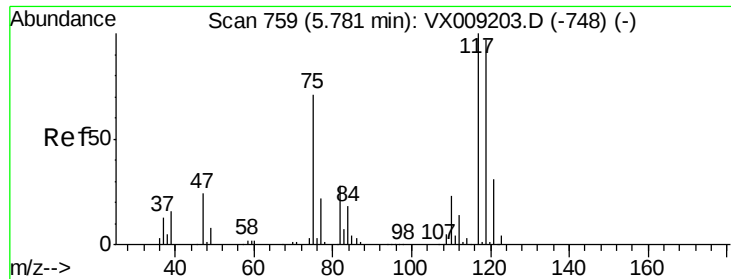
Ion Ratio Lower Upper

75 100

110 8.8 16.9 50.6#

77 0.0 24.8 37.2#

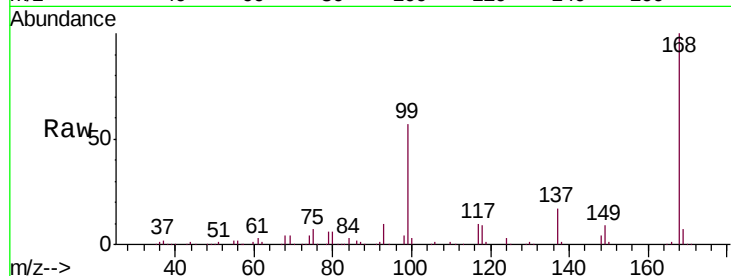




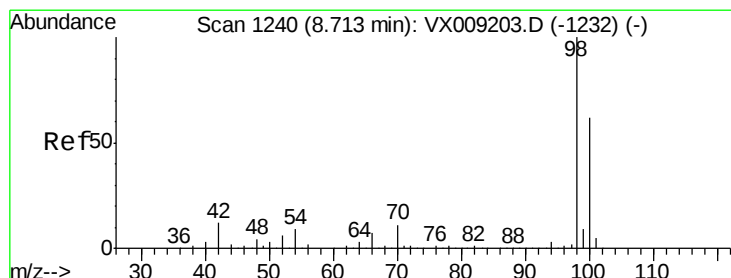
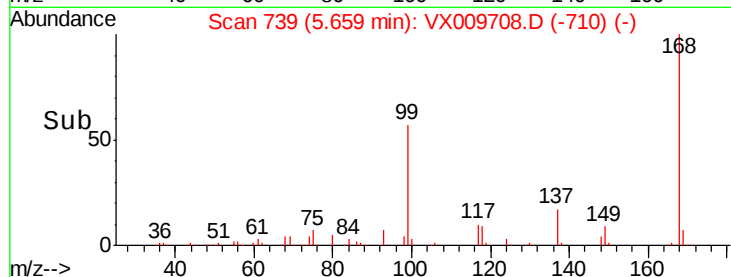
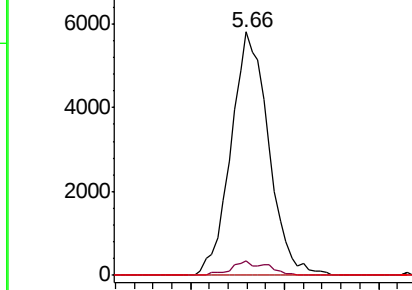
#38
Carbon Tetrachloride
Concen: 6.972 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX009708.D
Acq: 18 May 2019 10:33

Instrument :
MSVOA_X
ClientSampleId :
MW-9E_R2

Tgt Ion: 117 Resp: 16169
Ion Ratio Lower Upper
117 100
119 6.0 77.5 116.3#
121 0.0 24.7 37.1#

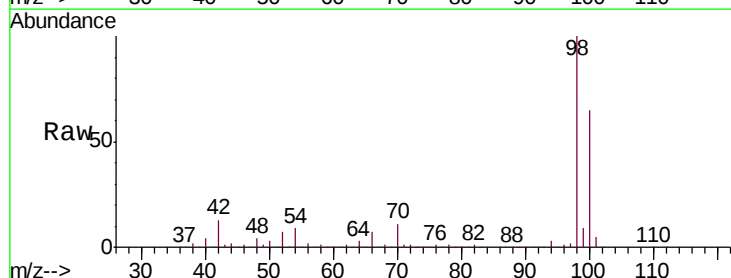


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

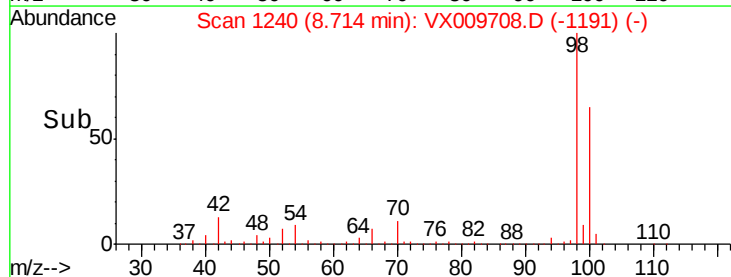
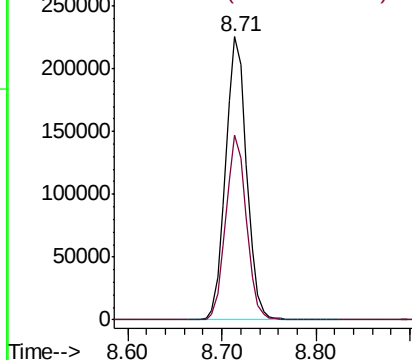


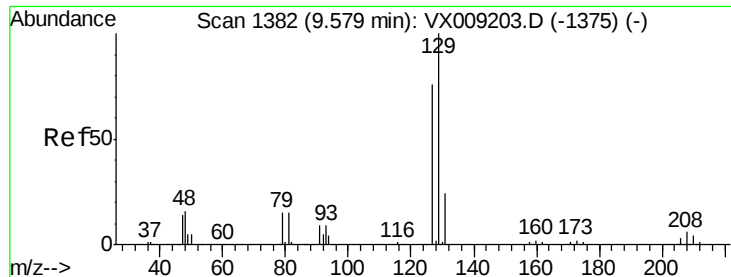
#50
Toluene-d8
Concen: 50.007 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009708.D
Acq: 18 May 2019 10:33

Tgt Ion: 98 Resp: 348595
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#60

Dibromochloromethane

Concen: 0.239 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX009708.D

Acq: 18 May 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

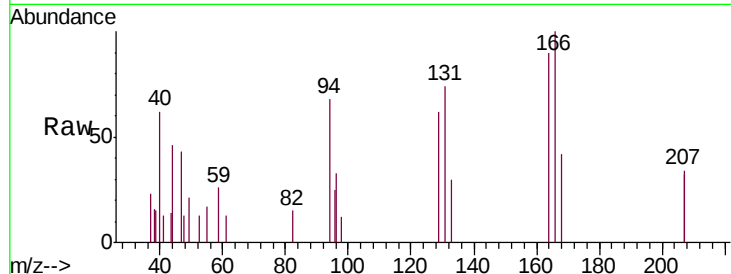
MW-9E_R2

Tgt Ion:129 Resp: 457

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.1#

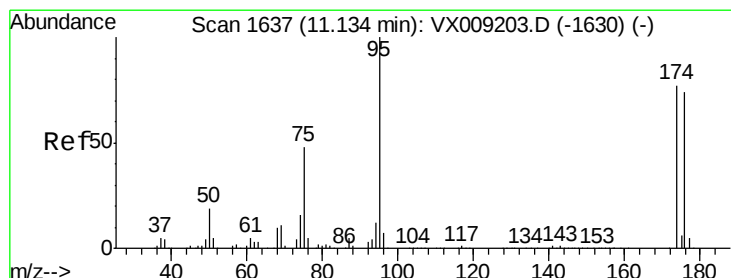
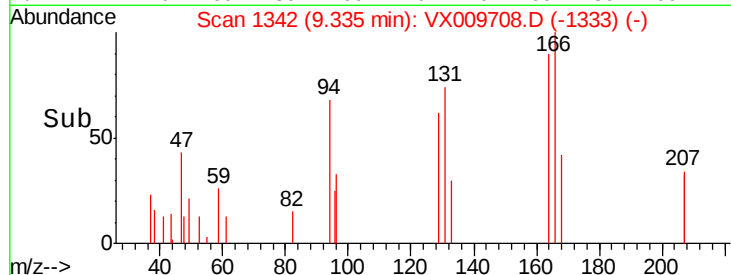


Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.34

Time-->



#62

4-Bromofluorobenzene

Concen: 46.131 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009708.D

Acq: 18 May 2019 10:33

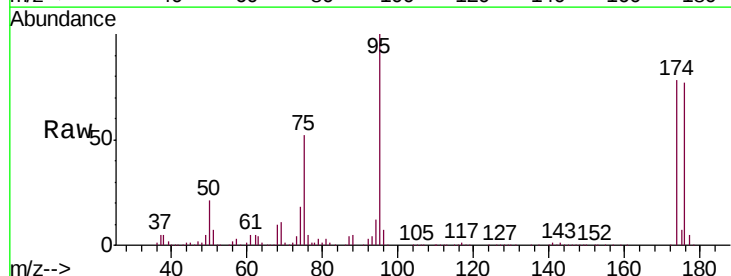
Tgt Ion: 95 Resp: 116848

Ion Ratio Lower Upper

95 100

174 82.1 0.0 161.6

176 79.7 0.0 159.2



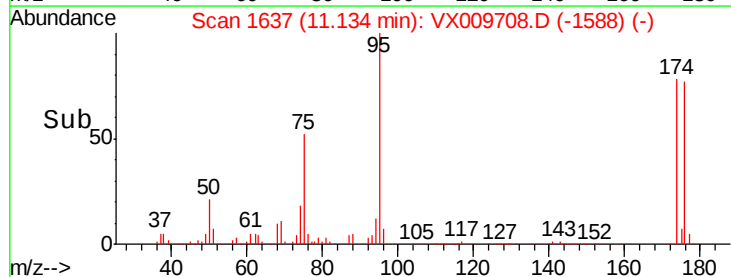
Abundance Ion 94.90 (94.60 to 95.60): VX0

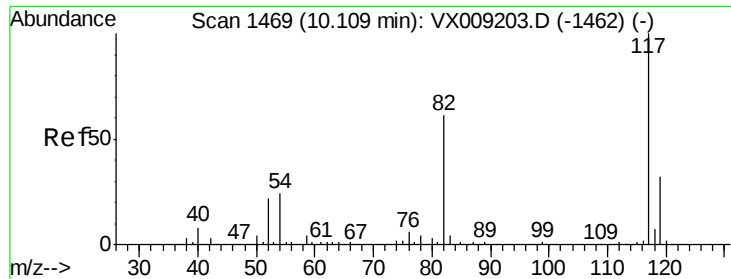
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

Time-->

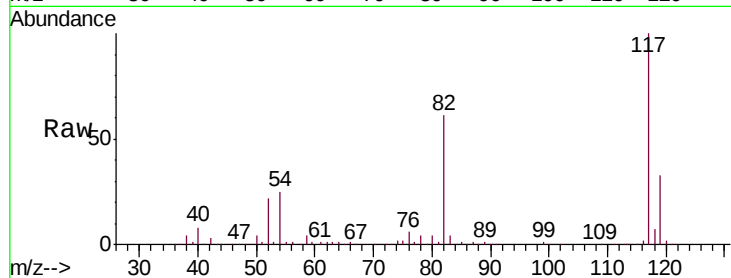




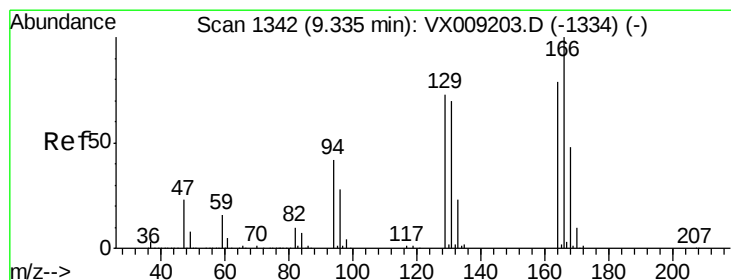
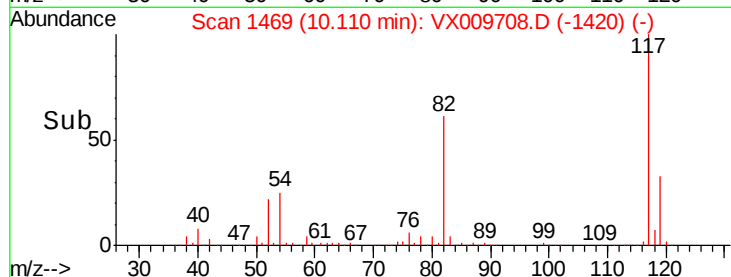
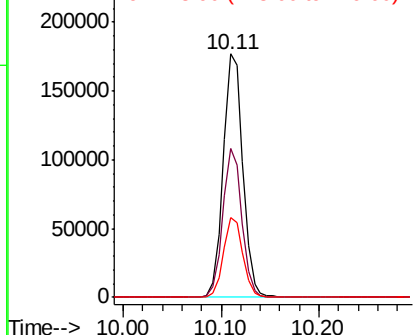
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009708.D
Acq: 18 May 2019 10:33

Instrument :
MSVOA_X
ClientSampleId :
MW-9E_R2

Tgt Ion:117 Resp: 245627
Ion Ratio Lower Upper
117 100
82 61.3 48.8 73.2
119 32.6 25.8 38.6

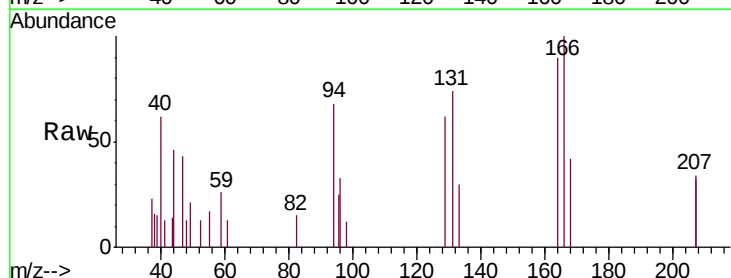


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

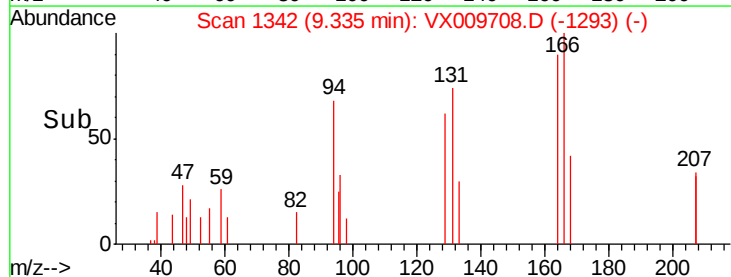
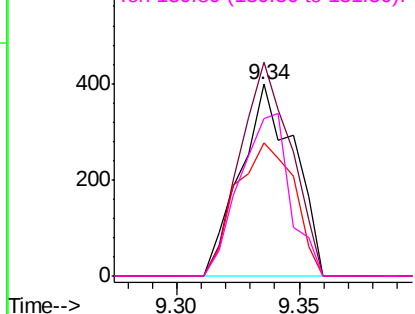


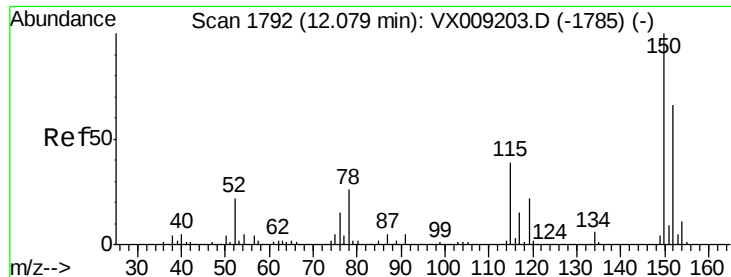
#64
Tetrachloroethene
Concen: 0.363 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009708.D
Acq: 18 May 2019 10:33

Tgt Ion:164 Resp: 611
Ion Ratio Lower Upper
164 100
166 111.6 101.2 151.8
129 69.6 74.3 111.5#
131 82.2 71.0 106.6



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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009708.D

Acq: 18 May 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

MW-9E_R2

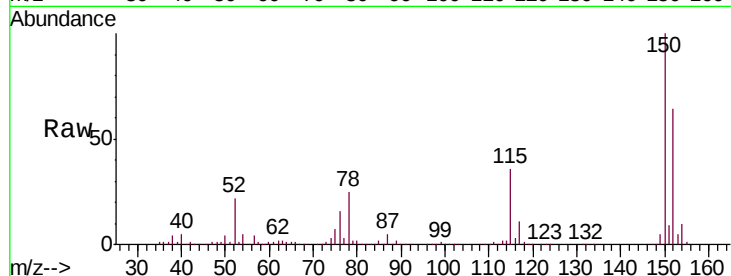
Tgt Ion:152 Resp: 106072

Ion Ratio Lower Upper

152 100

115 59.3 41.2 123.6

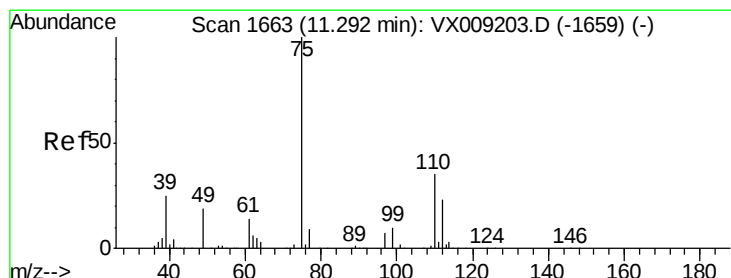
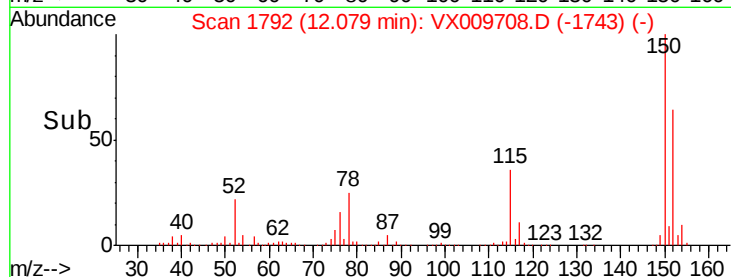
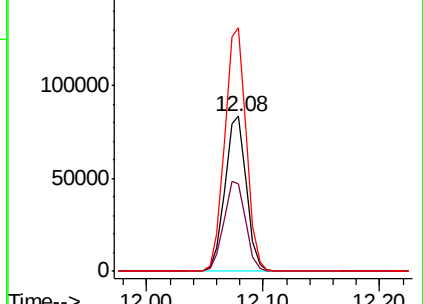
150 157.8 0.0 346.4



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: 24.445 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009708.D

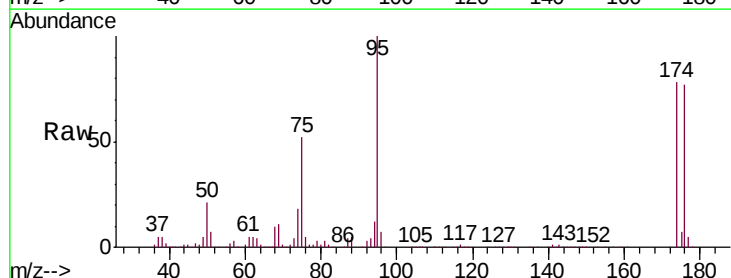
Acq: 18 May 2019 10:33

Tgt Ion: 75 Resp: 60147

Ion Ratio Lower Upper

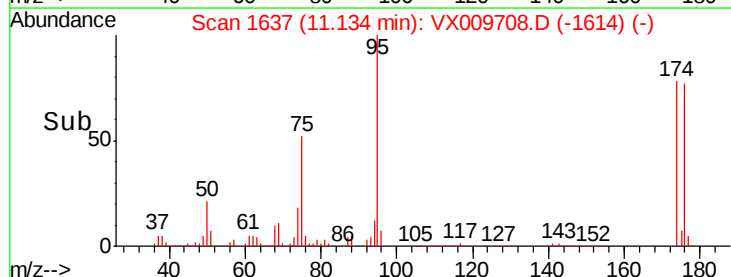
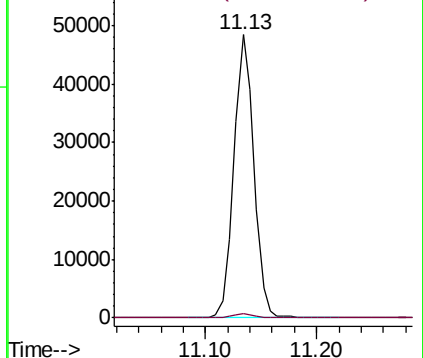
75 100

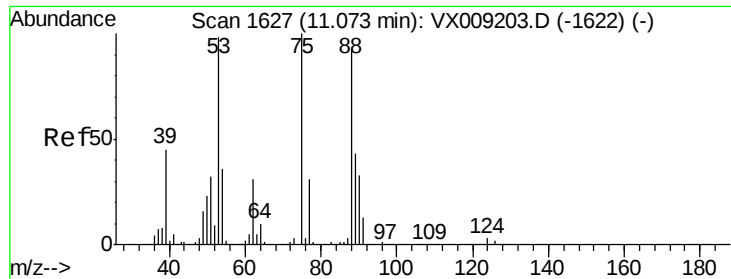
77 1.5 22.1 66.1#



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: 62.546 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009708.D

Acq: 18 May 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

MW-9E_R2

Tgt Ion: 75 Resp: 60147

Ion Ratio Lower Upper

75 100

53 0.1 79.0 118.6#

89 0.0 34.7 52.1#

