

Data File : VX009705.D
Acq On : 18 May 2019 09:23
Operator : JC/SP
Sample : K2901-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 59 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-15B_R2

Quant Time: May 20 04:17:14 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	171106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	275319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107052	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	116705	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	5.50	113	84695	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	8.71	98	349211	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
62) 4-Bromofluorobenzene	11.13	95	117575	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	

Target Compounds

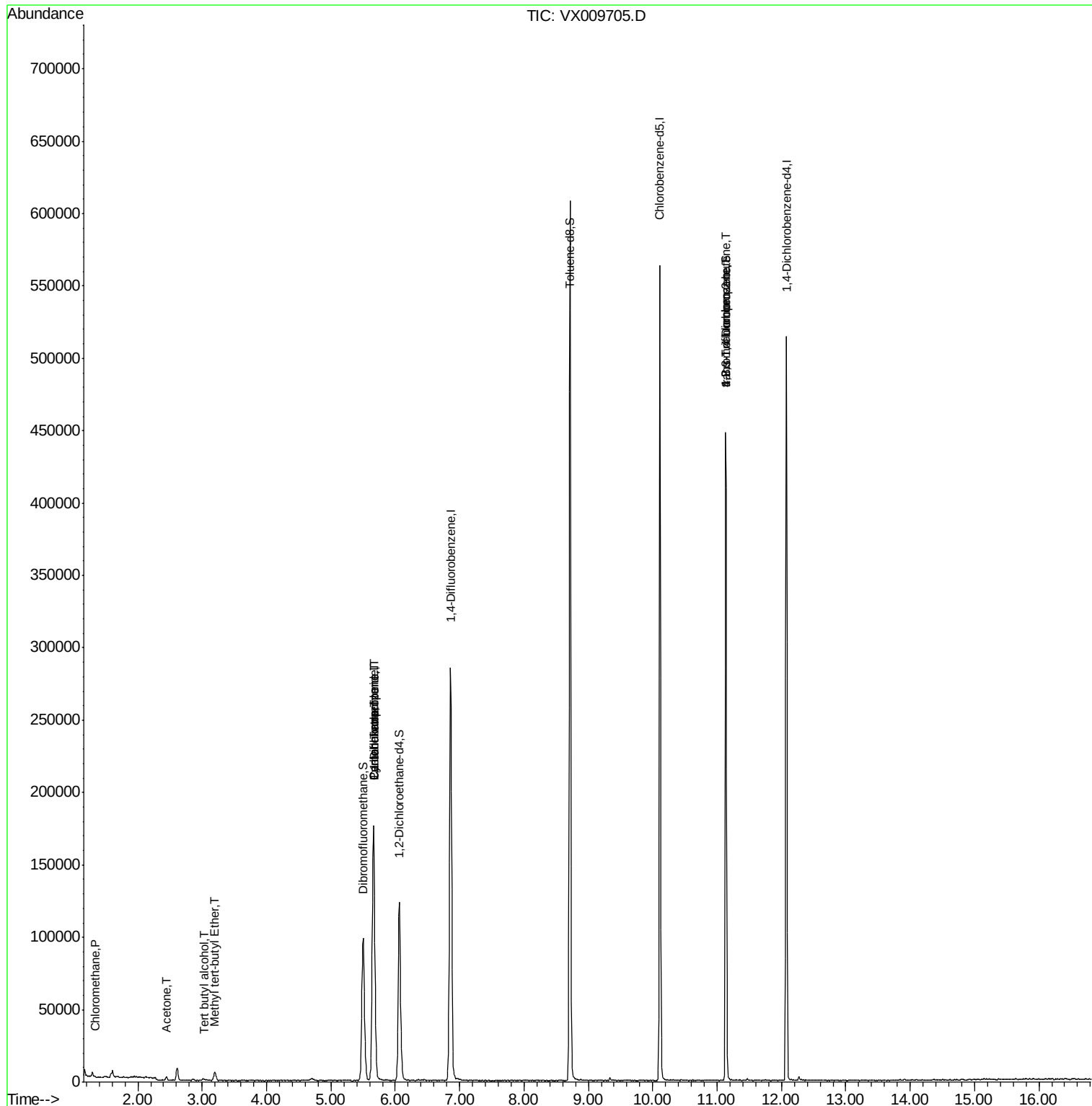
						Qvalue
3) Chloromethane	1.33	50	439	0.204	ug/l	92
11) Tert butyl alcohol	3.03	59	1243	2.299	ug/l #	93
16) Acetone	2.44	43	3194	2.547	ug/l #	84
19) Methyl tert-butyl Ether	3.20	73	5720	0.917	ug/l	92
28) Bromochloromethane	5.02	49	20	Below Cal	#	20
31) Cyclohexane	5.67	56	3673	1.064	ug/l #	4
36) 1,1-Dichloropropene	5.67	75	13426	5.247	ug/l #	50
38) Carbon Tetrachloride	5.66	117	16486	7.092	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	60387	24.318	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	60387	62.221	ug/l #	10

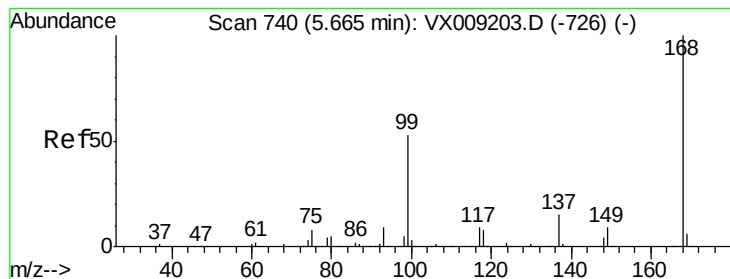
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 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: VX009705.D

Acq: 18 May 2019 09:23

Instrument :

MSVOA_X

ClientSampleId :

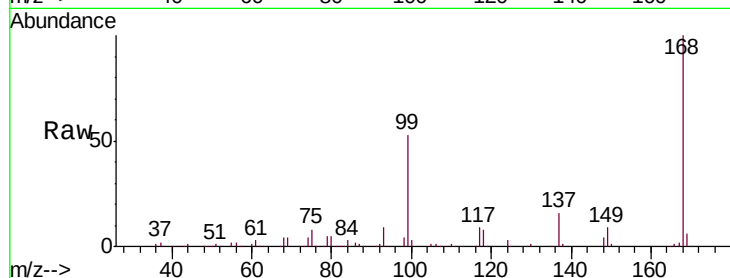
MW-15B_R2

Tgt Ion:168 Resp: 171106

Ion Ratio Lower Upper

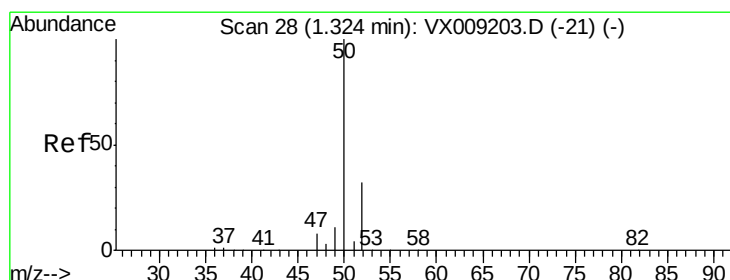
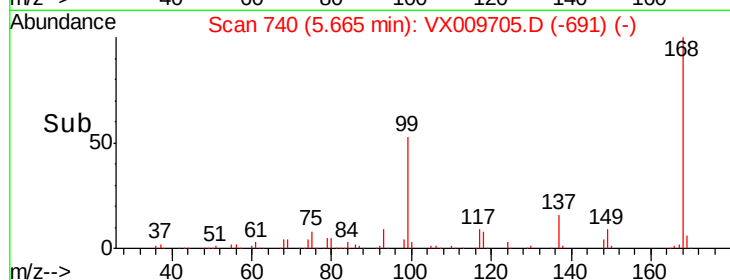
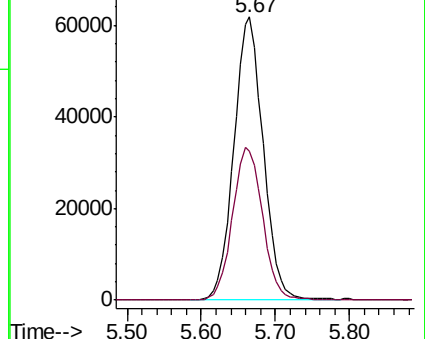
168 100

99 52.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.204 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX009705.D

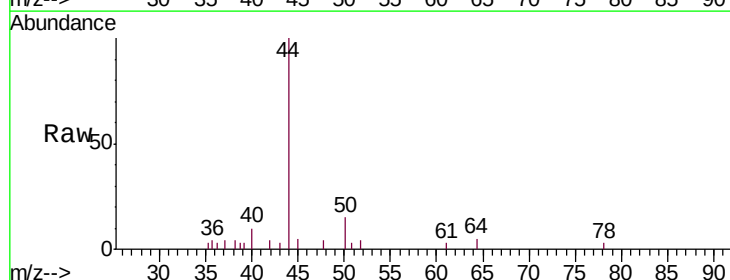
Acq: 18 May 2019 09:23

Tgt Ion: 50 Resp: 439

Ion Ratio Lower Upper

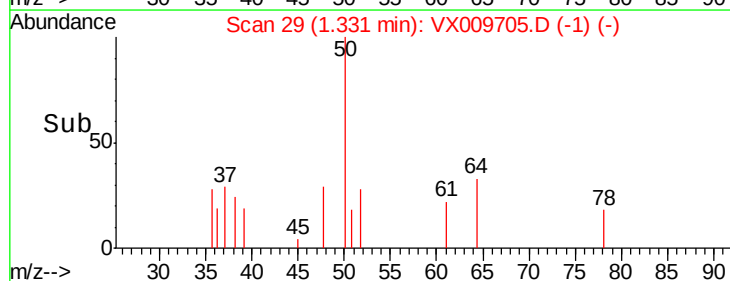
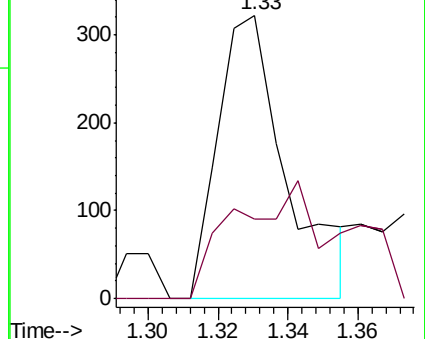
50 100

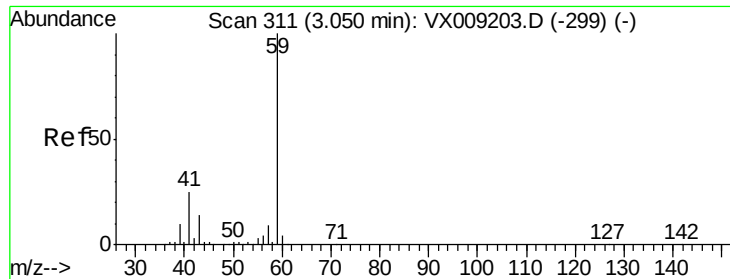
52 28.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

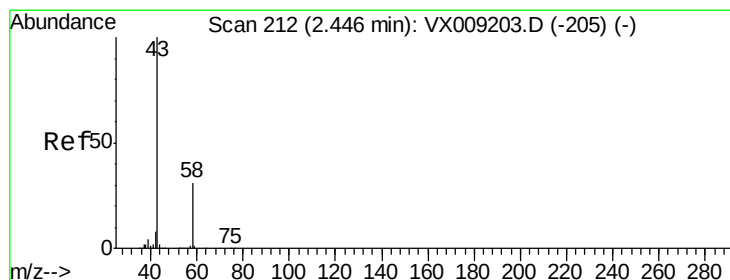
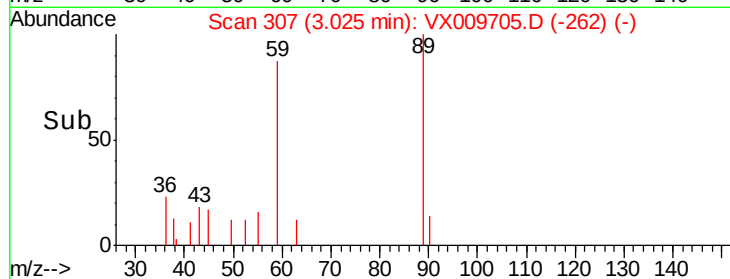
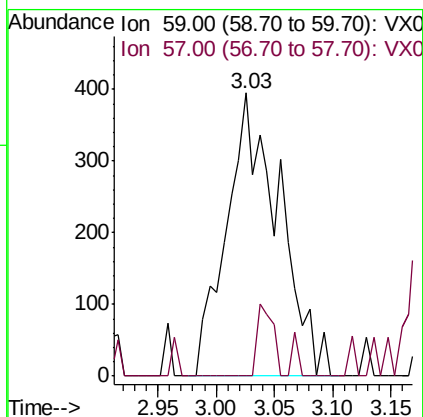
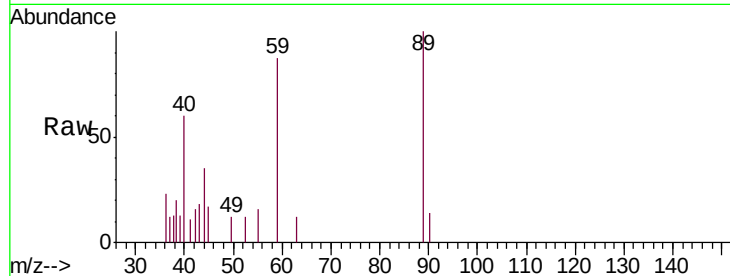




#11
Tert butyl alcohol
Concen: 2.299 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.02 min
Lab File: VX009705.D
Acq: 18 May 2019 09:23

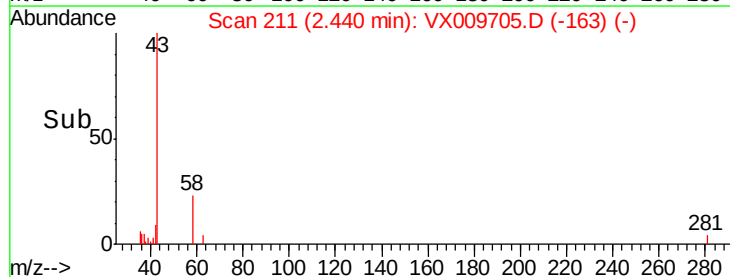
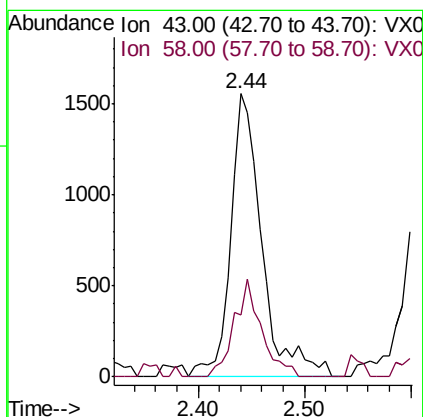
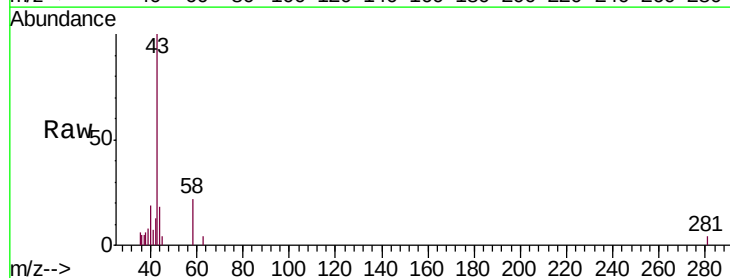
Instrument :
MSVOA_X
ClientSampleId :
MW-15B_R2

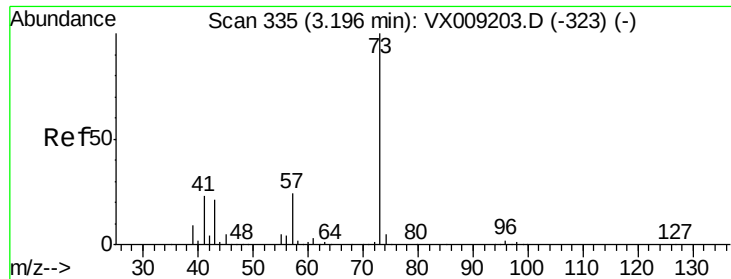
Tgt Ion: 59 Resp: 1243
Ion Ratio Lower Upper
59 100
57 7.6 8.2 12.2#



#16
Acetone
Concen: 2.547 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009705.D
Acq: 18 May 2019 09:23

Tgt Ion: 43 Resp: 3194
Ion Ratio Lower Upper
43 100
58 22.1 24.9 37.3#

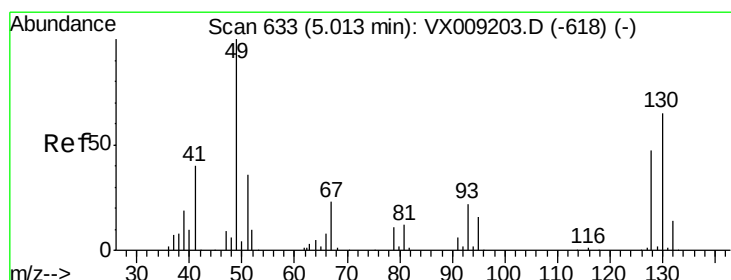
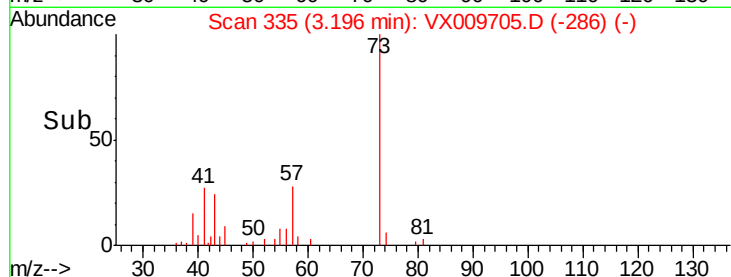
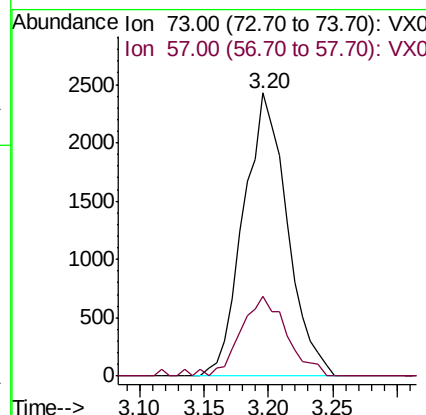
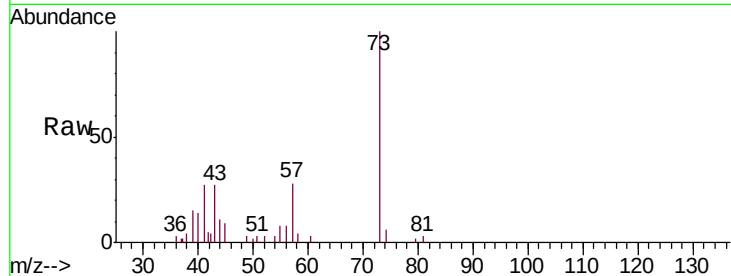




#19
Methyl tert-butyl Ether
Concen: 0.917 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009705.D
Acq: 18 May 2019 09:23

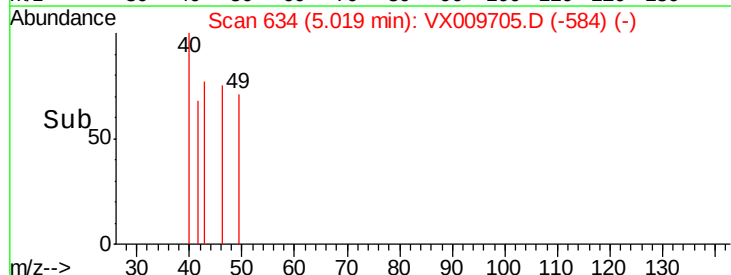
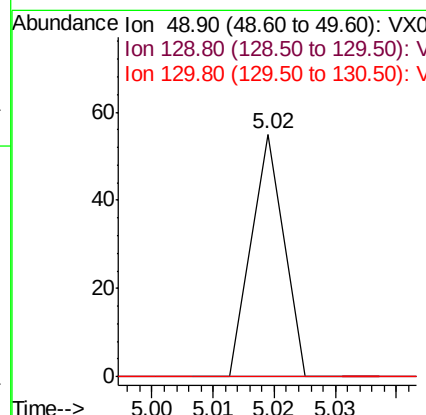
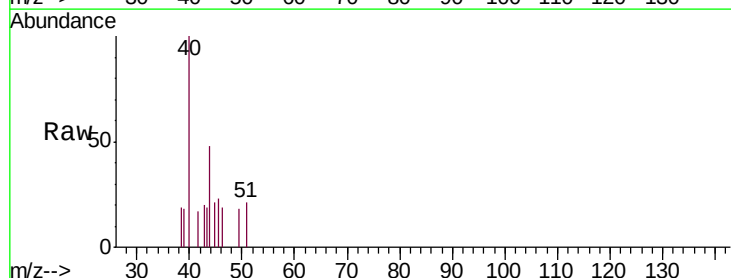
Instrument :
MSVOA_X
ClientSampled :
MW-15B_R2

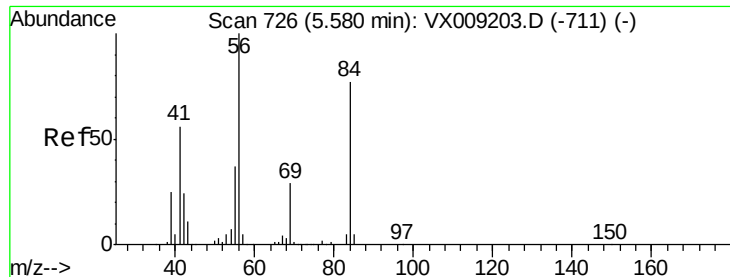
Tgt Ion: 73 Resp: 5720
Ion Ratio Lower Upper
73 100
57 28.1 19.3 28.9



#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009705.D
Acq: 18 May 2019 09:23

Tgt Ion: 49 Resp: 20
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 51.2 76.8#

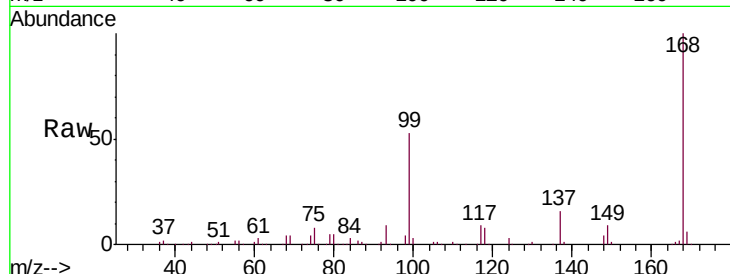




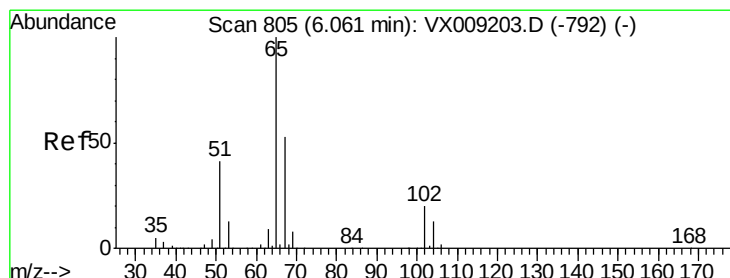
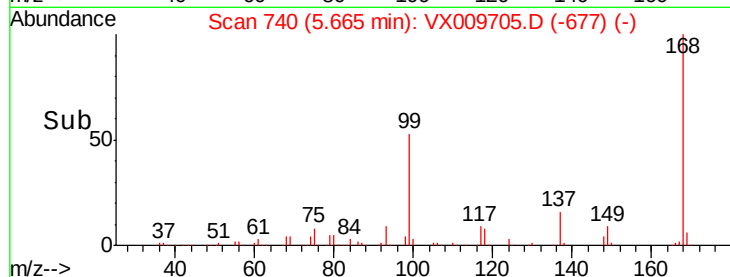
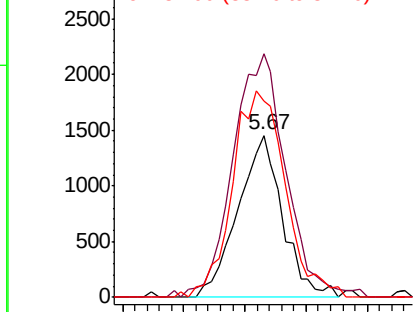
#31
Cyclohexane
Concen: 1.064 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX009705.D
Acq: 18 May 2019 09:23

Instrument :
MSVOA_X
ClientSampleId :
MW-15B_R2

Tgt Ion: 56 Resp: 3673
Ion Ratio Lower Upper
56 100
69 145.4 23.4 35.0#
84 121.2 61.9 92.9#

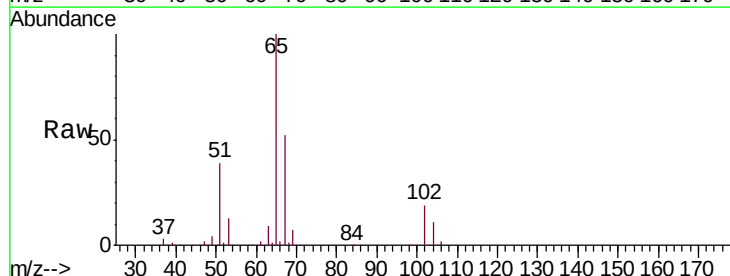


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

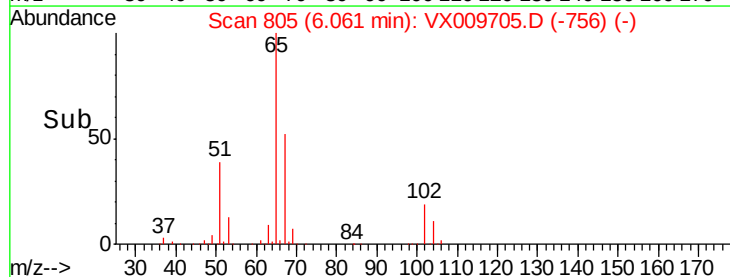
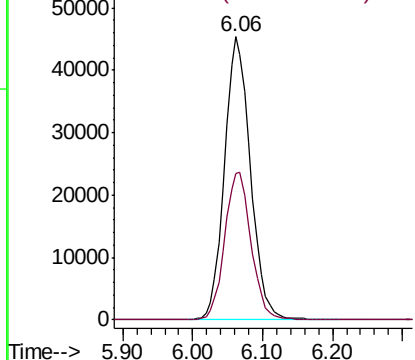


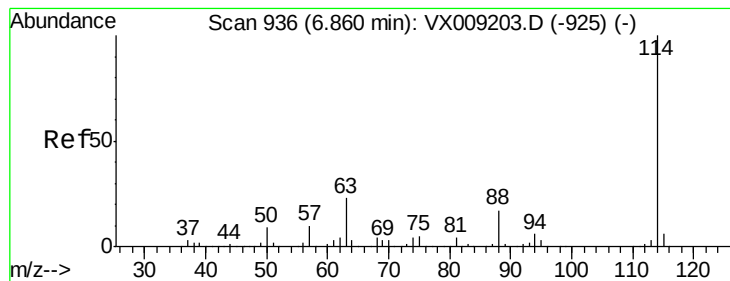
#33
1,2-Dichloroethane-d4
Concen: 49.964 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009705.D
Acq: 18 May 2019 09:23

Tgt Ion: 65 Resp: 116705
Ion Ratio Lower Upper
65 100
67 53.1 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: VX009705.D

Acq: 18 May 2019 09:23

Instrument :

MSVOA_X

ClientSampleId :

MW-15B_R2

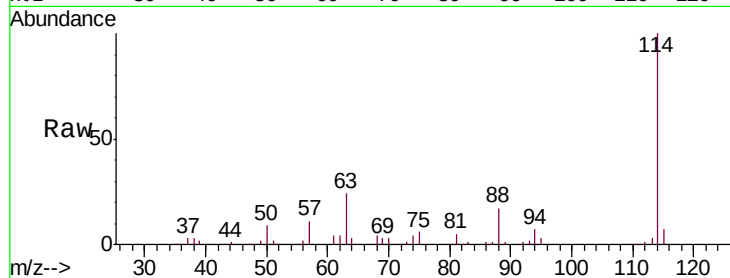
Tgt Ion:114 Resp: 275319

Ion Ratio Lower Upper

114 100

63 24.1 0.0 45.6

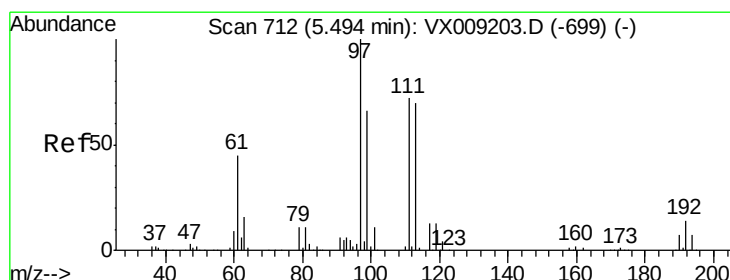
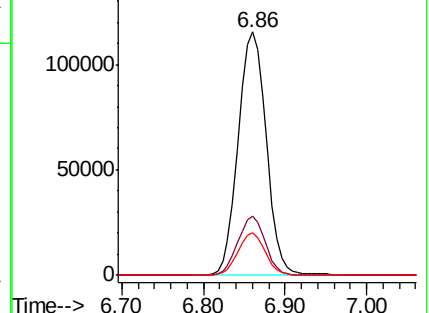
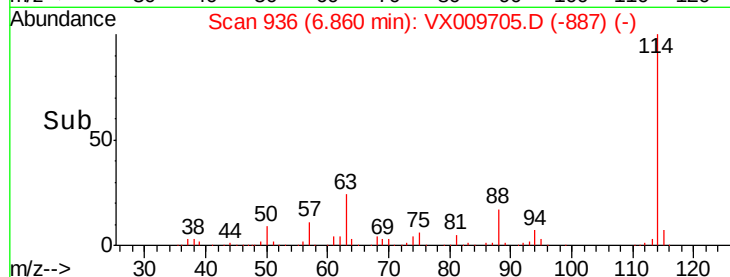
88 17.3 0.0 33.2



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: 48.935 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009705.D

Acq: 18 May 2019 09:23

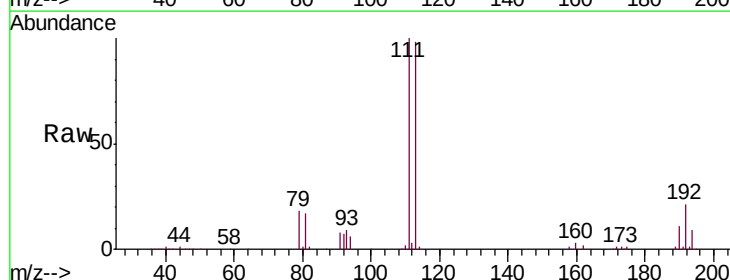
Tgt Ion:113 Resp: 84695

Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

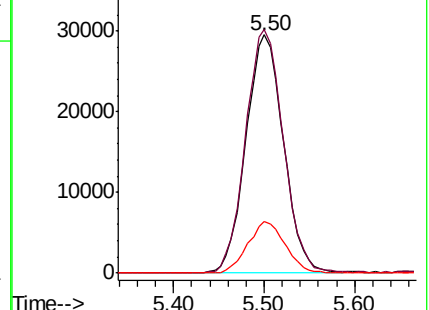
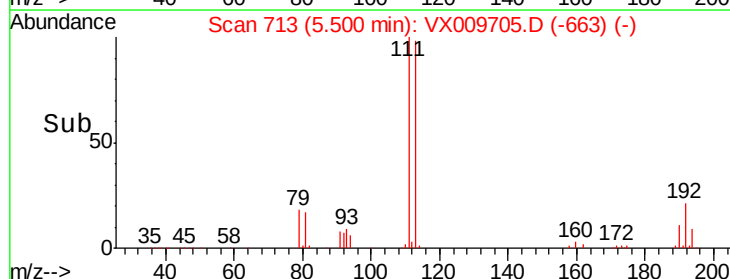
192 21.6 17.0 25.6

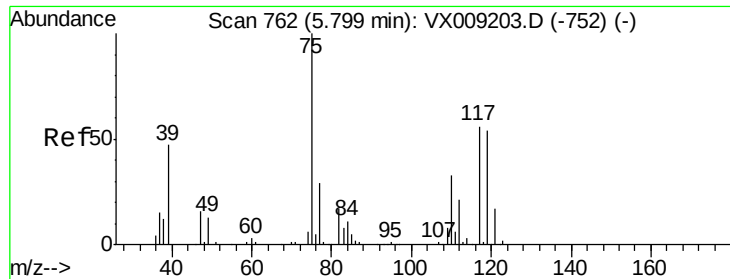


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

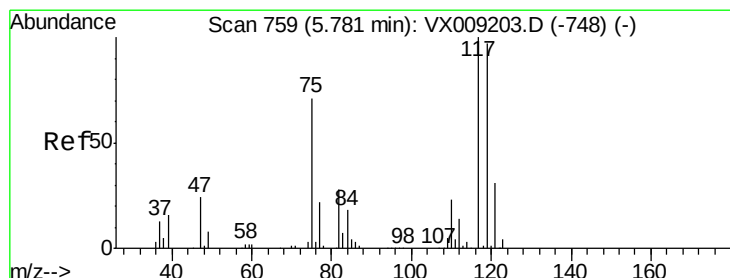
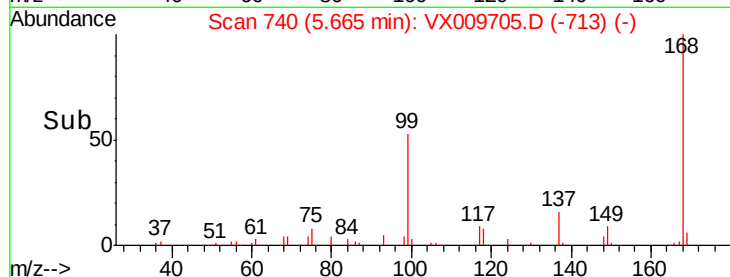
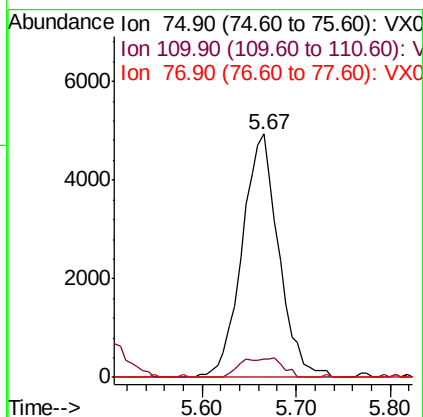
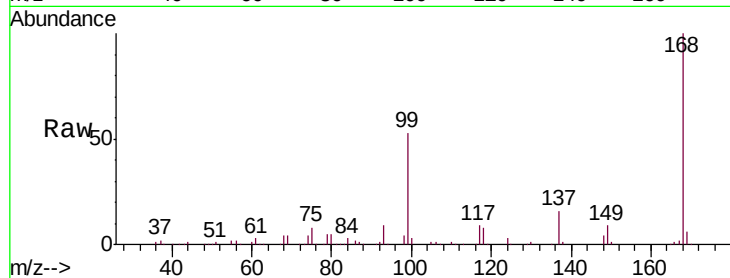




#36
 1,1-Dichloropropene
 Concen: 5.247 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX009705.D
 Acq: 18 May 2019 09:23

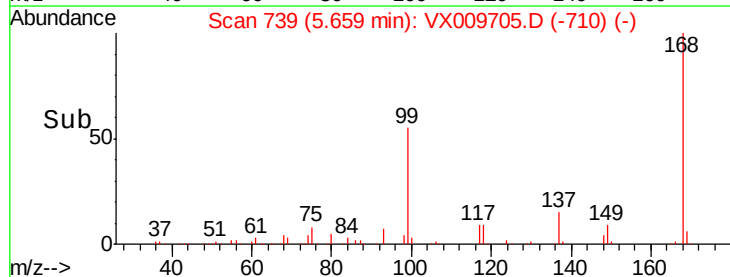
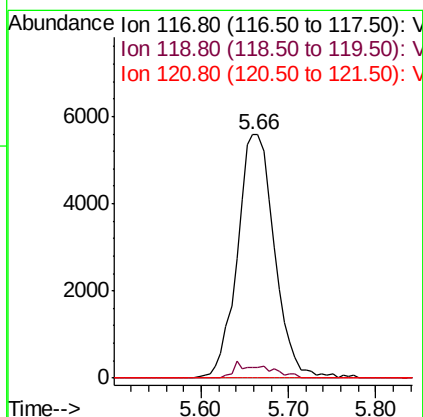
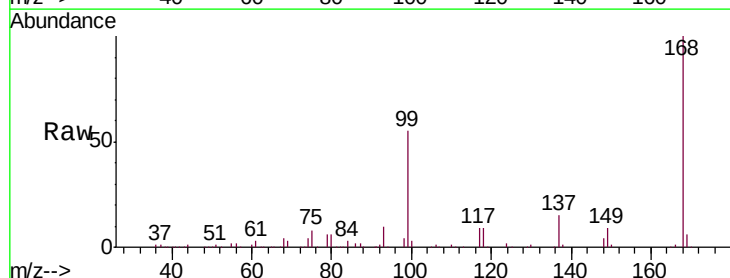
Instrument :
 MSVOA_X
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 MW-15B_R2

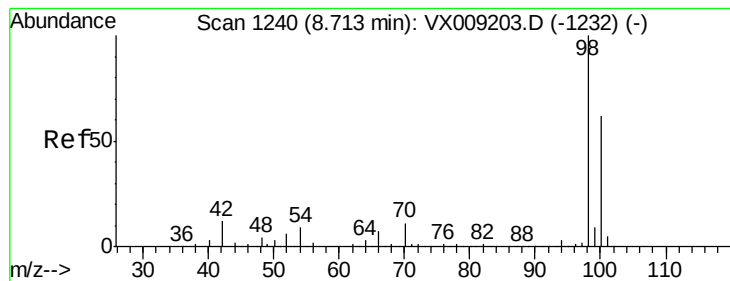
Tgt Ion: 75 Resp: 13426
 Ion Ratio Lower Upper
 75 100
 110 9.0 16.9 50.6#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 7.092 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX009705.D
 Acq: 18 May 2019 09:23

Tgt Ion: 117 Resp: 16486
 Ion Ratio Lower Upper
 117 100
 119 4.5 77.5 116.3#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 49.976 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009705.D

Acq: 18 May 2019 09:23

Instrument :

MSVOA_X

ClientSampled :

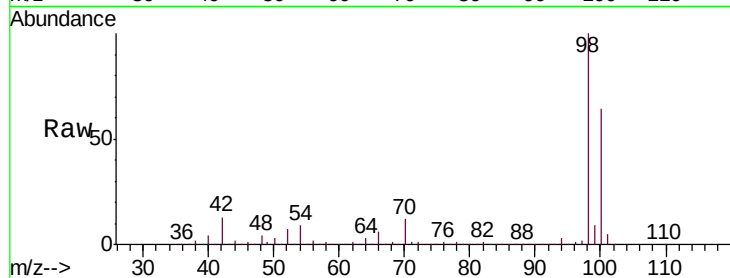
MW-15B_R2

Tgt Ion: 98 Resp: 349211

Ion Ratio Lower Upper

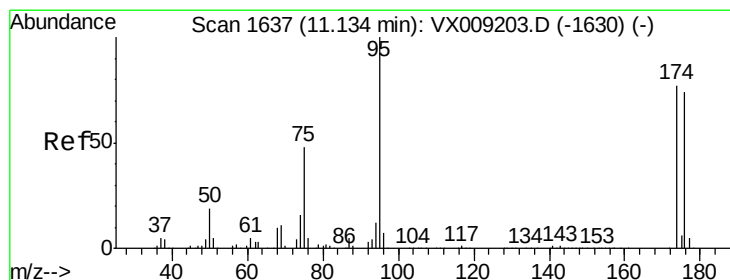
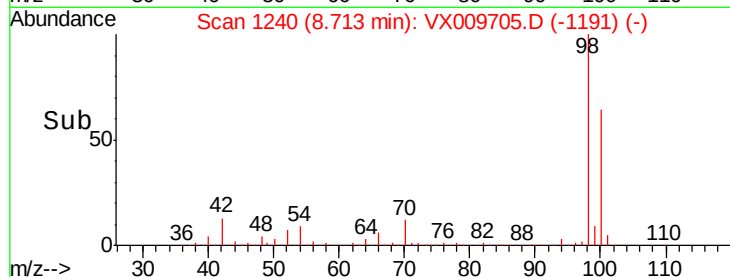
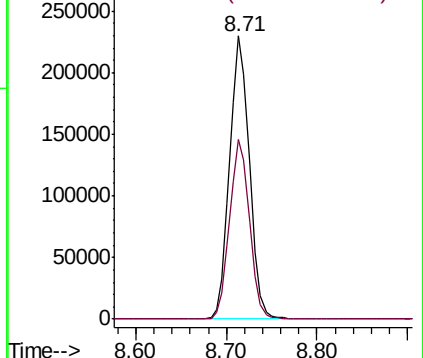
98 100

100 63.6 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: 46.308 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009705.D

Acq: 18 May 2019 09:23

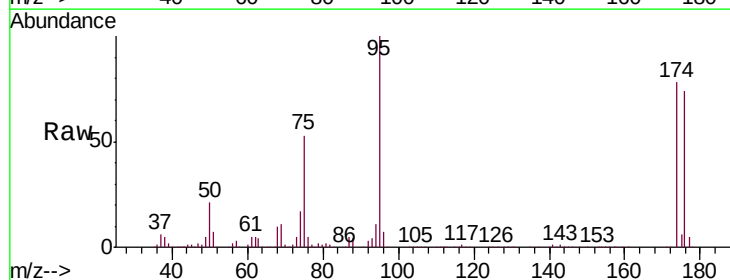
Tgt Ion: 95 Resp: 117575

Ion Ratio Lower Upper

95 100

174 81.3 0.0 161.6

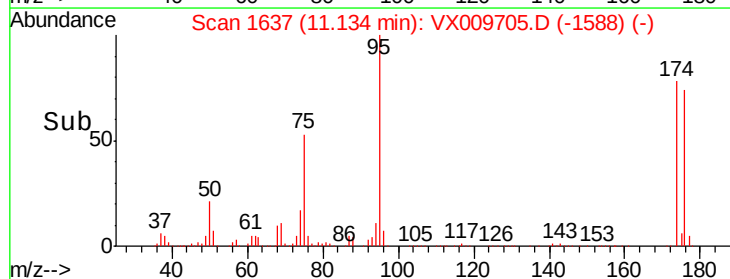
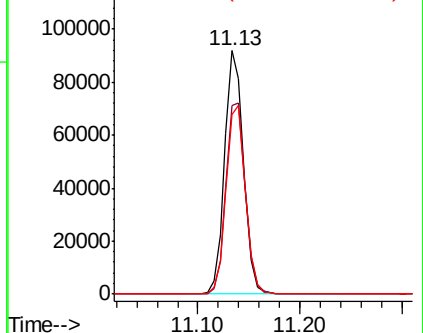
176 79.4 0.0 159.2

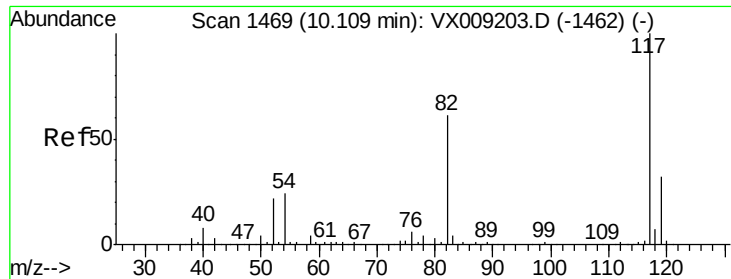


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009705.D

Acq: 18 May 2019 09:23

Instrument :

MSVOA_X

ClientSampleId :

MW-15B_R2

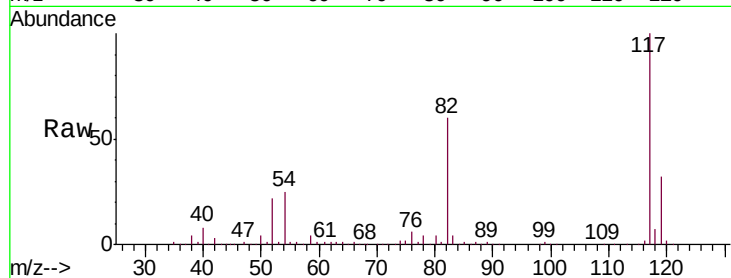
Tgt Ion:117 Resp: 245500

Ion Ratio Lower Upper

117 100

82 59.9 48.8 73.2

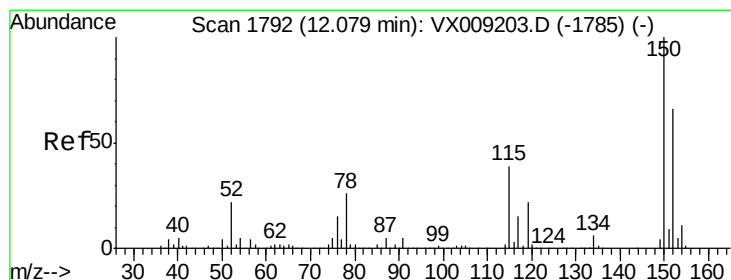
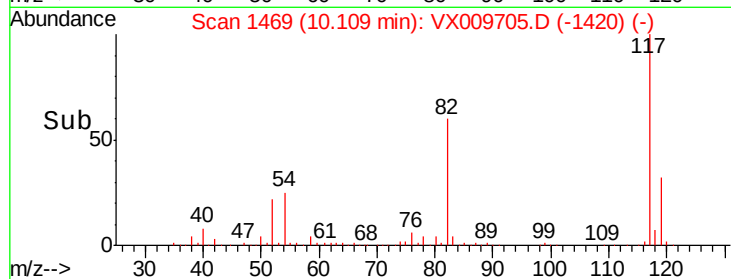
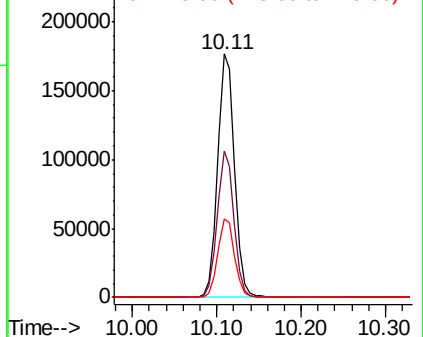
119 32.4 25.8 38.6



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009705.D

Acq: 18 May 2019 09:23

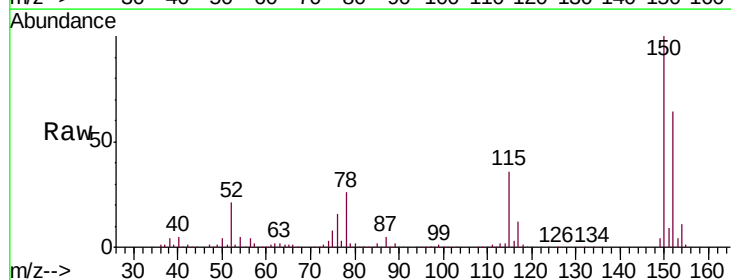
Tgt Ion:152 Resp: 107052

Ion Ratio Lower Upper

152 100

115 58.0 41.2 123.6

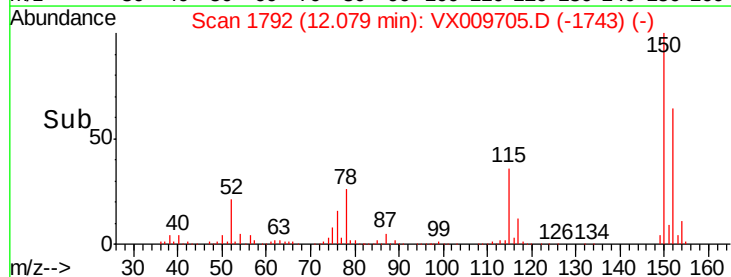
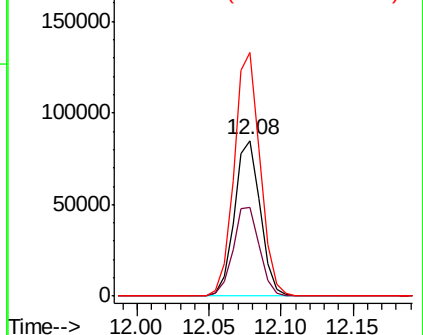
150 156.5 0.0 346.4

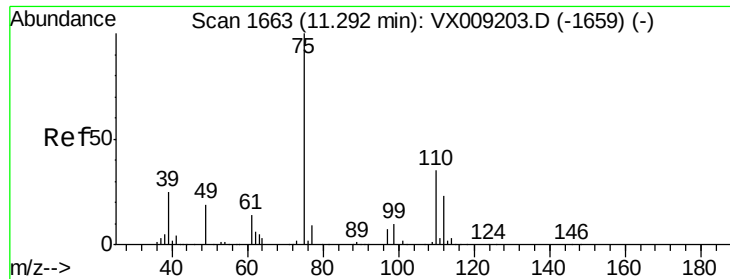


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

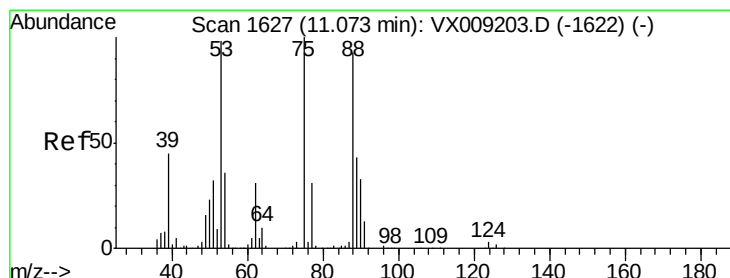
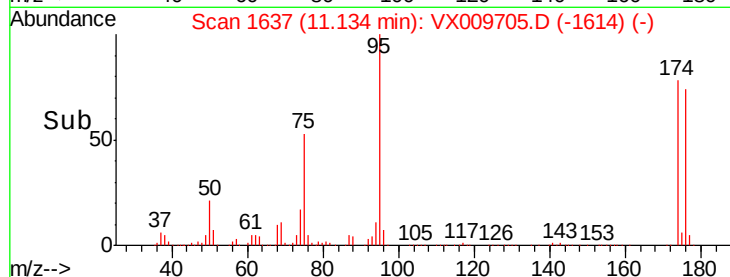
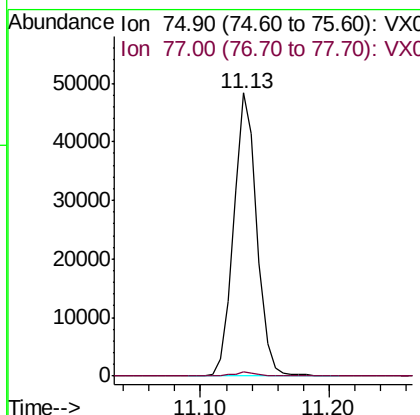
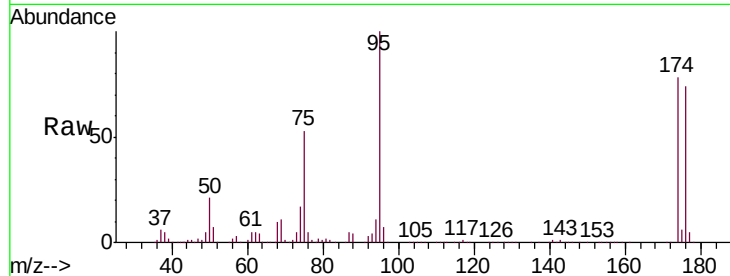




#76
 1,2,3-Trichloropropane
 Concen: 24.318 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX009705.D
 Acq: 18 May 2019 09:23

Instrument :
 MSVOA_X
 ClientSampled :
 MW-15B_R2

Tgt Ion: 75 Resp: 60387
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.1 66.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.221 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX009705.D
 Acq: 18 May 2019 09:23

Tgt Ion: 75 Resp: 60387
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.0 118.6#
 89 0.0 34.7 52.1#

