

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009711.D
 Acq On : 18 May 2019 11:43
 Operator : JC/SP
 Sample : K2901-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01B_R2

Quant Time: May 20 04:51:56 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

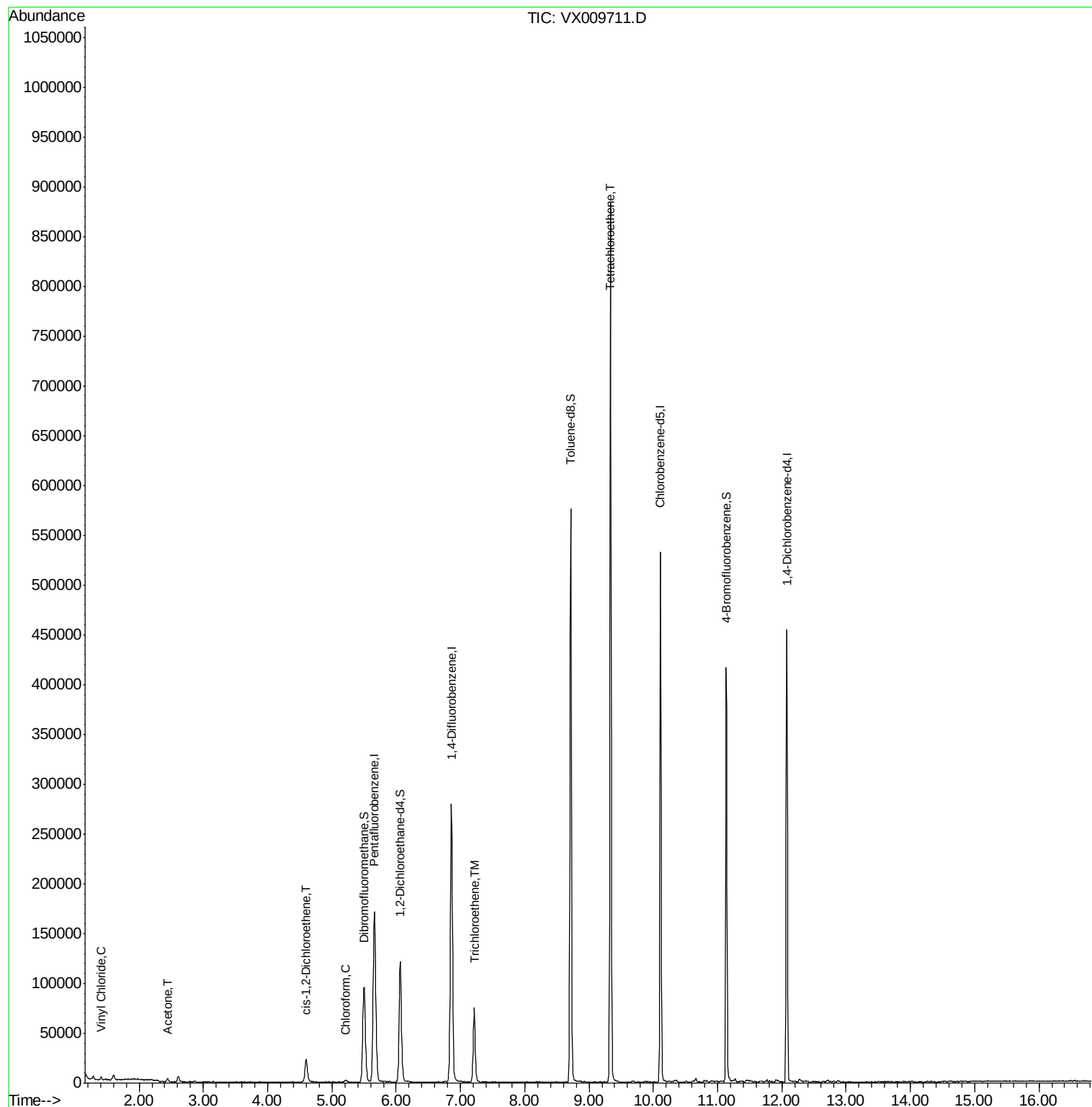
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	167342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	267778	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	233073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	94627	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114805	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
35) Dibromofluoromethane	5.49	113	82514	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
50) Toluene-d8	8.71	98	337305	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.13	95	107367	43.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.96%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	2216	1.079	ug/l #	76
16) Acetone	2.45	43	3682	3.002	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	13434	6.610	ug/l	92
30) Chloroform	5.22	83	2215m	0.675	ug/l	
44) Trichloroethene	7.21	130	27839	14.952	ug/l	94
64) Tetrachloroethene	9.34	164	169463	105.995	ug/l	100

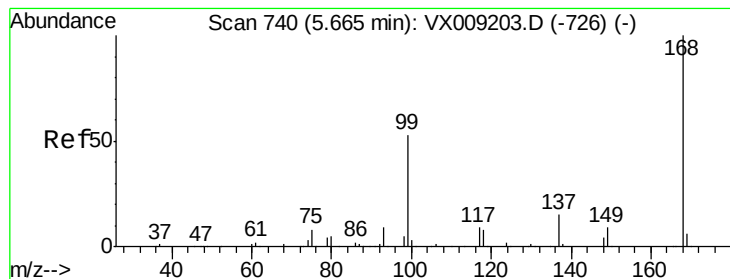
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009711.D

Acq: 18 May 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

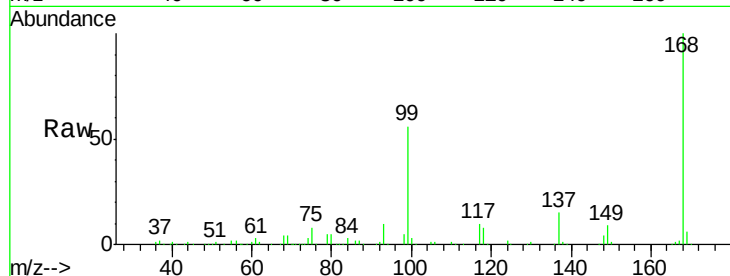
MW-01B_R2

Tot Ion:168 Resp: 167342

Ion Ratio Lower Upper

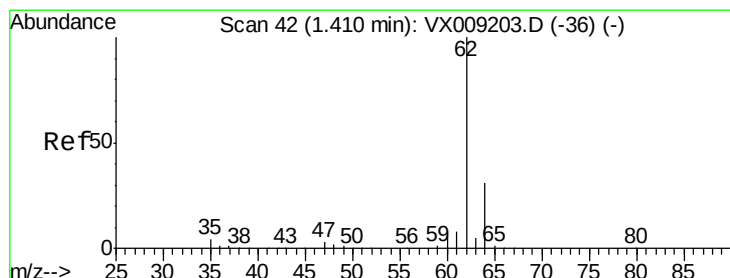
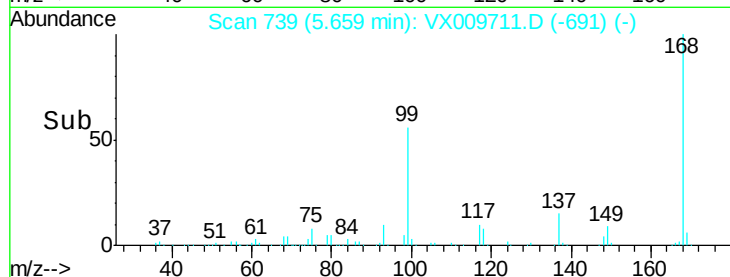
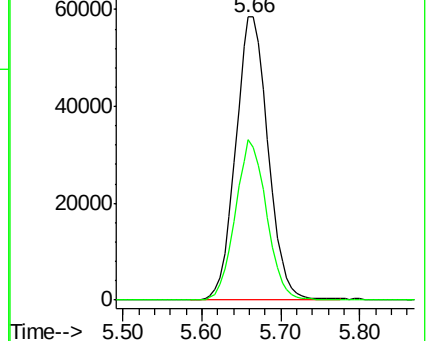
168 100

99 56.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 1.079 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009711.D

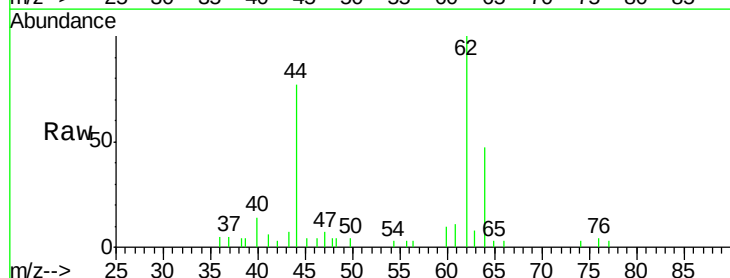
Acq: 18 May 2019 11:43

Tgt Ion: 62 Resp: 2216

Ion Ratio Lower Upper

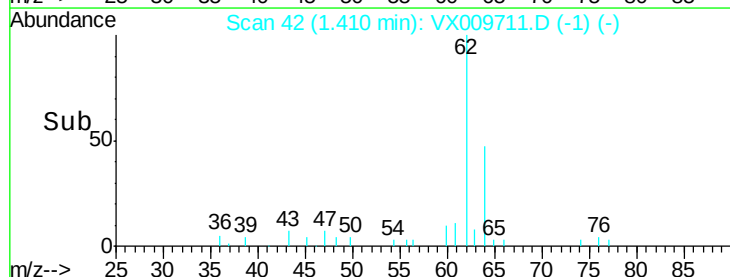
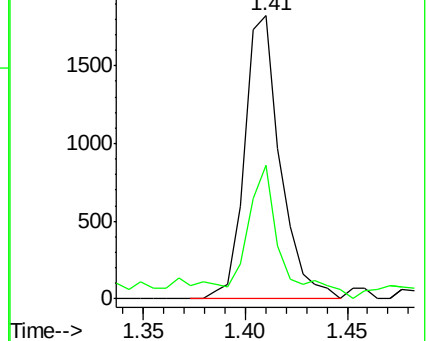
62 100

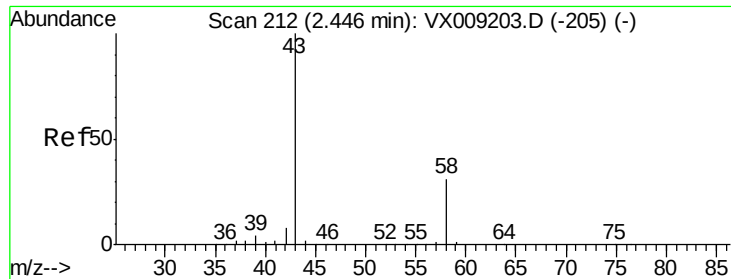
64 44.0 24.6 36.8#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 3.002 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009711.D

Acq: 18 May 2019 11:43

Instrument :

MSVOA_X

ClientSampled :

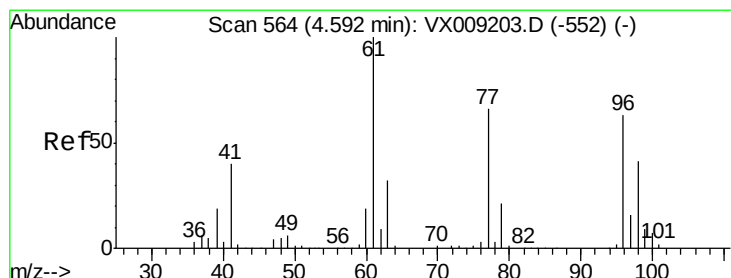
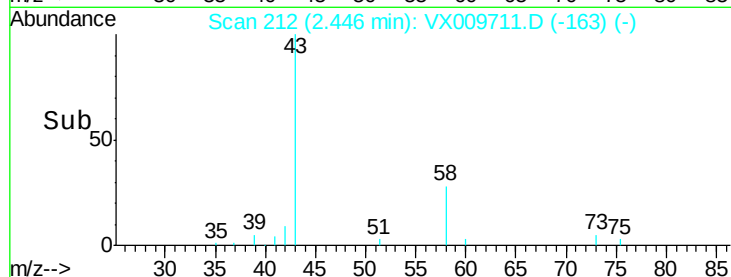
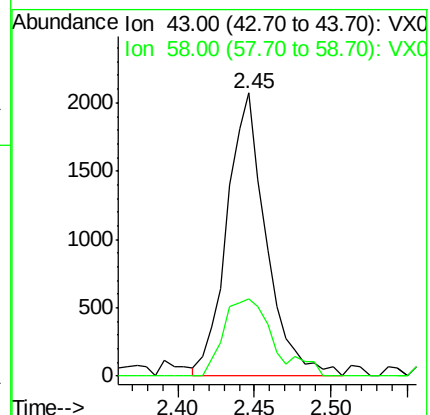
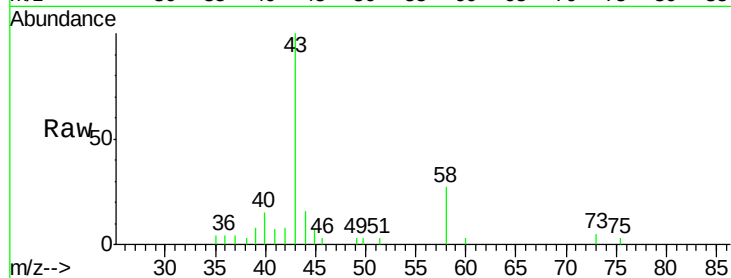
MW-01B_R2

Tot Ion: 43 Resp: 3682

Ion Ratio Lower Upper

43 100

58 27.2 24.9 37.3



#27

cis-1,2-Dichloroethene

Concen: 6.610 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX009711.D

Acq: 18 May 2019 11:43

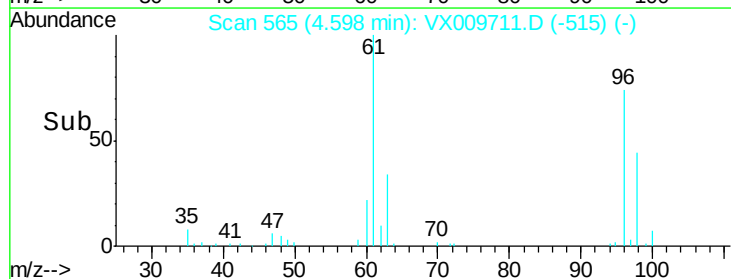
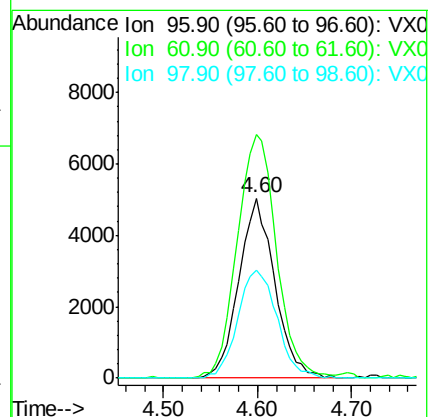
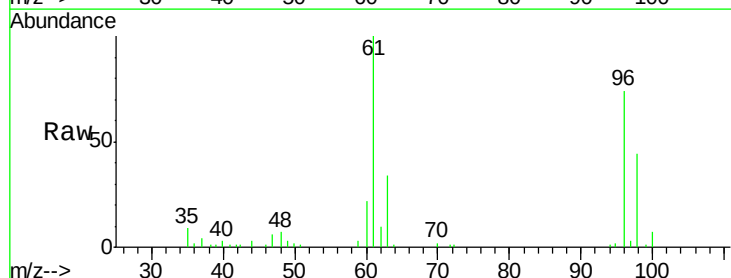
Tgt Ion: 96 Resp: 13434

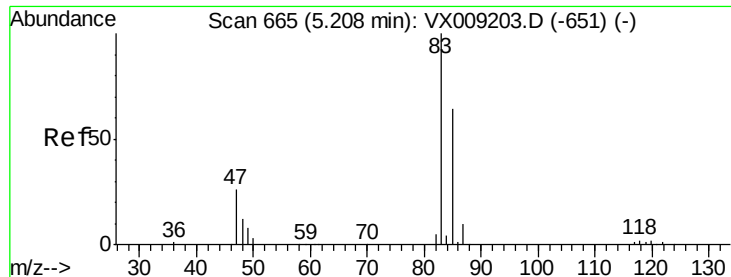
Ion Ratio Lower Upper

96 100

61 147.7 0.0 324.0

98 65.6 0.0 130.4

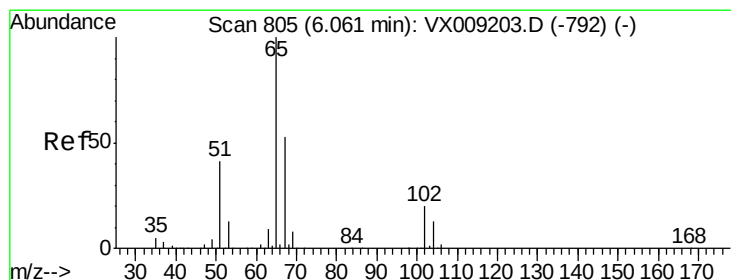
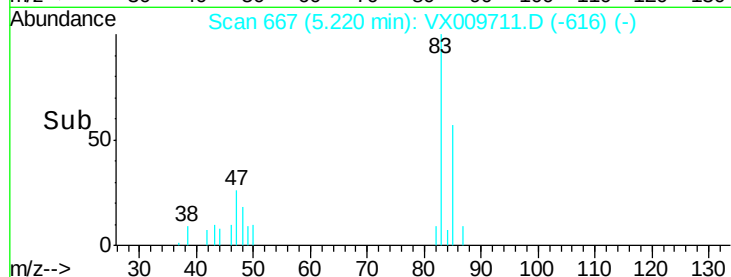
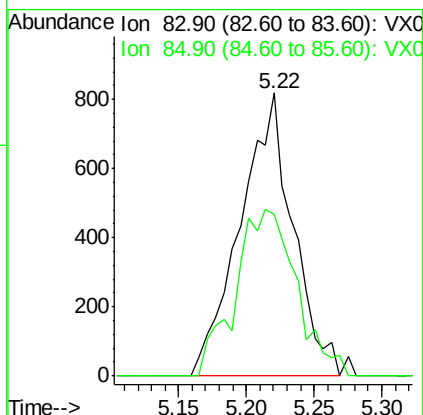
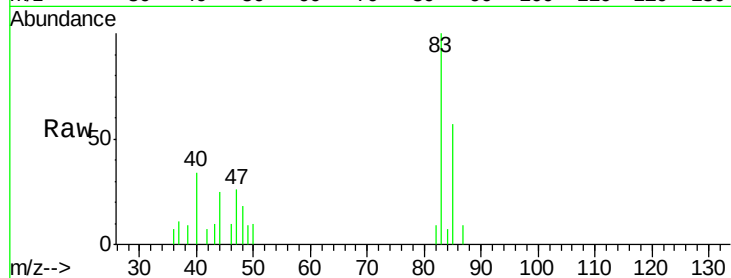




#30
Chloroform
Concen: 0.675 ug/l m
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX009711.D
Acq: 18 May 2019 11:43

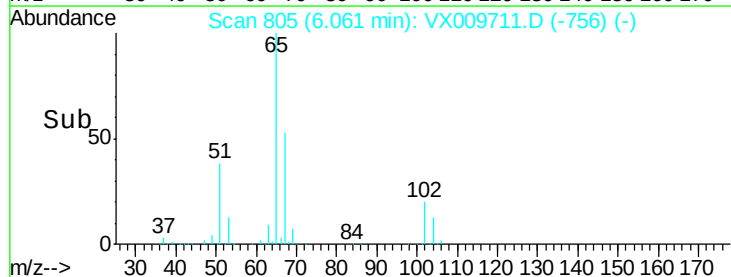
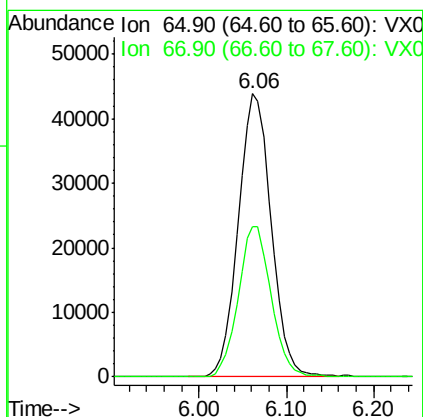
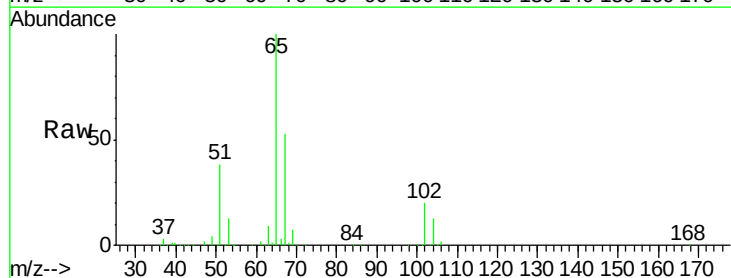
Instrument :
MSVOA_X
ClientSampleId :
MW-01B_R2

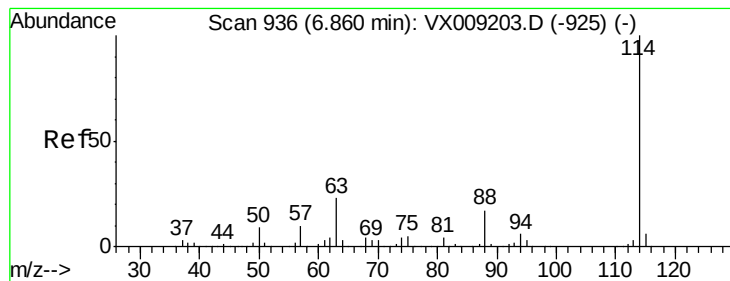
Tot Ion: 83 Resp: 2215
Ion Ratio Lower Upper
83 100
85 57.3 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 50.256 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009711.D
Acq: 18 May 2019 11:43

Tgt Ion: 65 Resp: 114805
Ion Ratio Lower Upper
65 100
67 53.2 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: VX009711.D

Acq: 18 May 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

MW-01B_R2

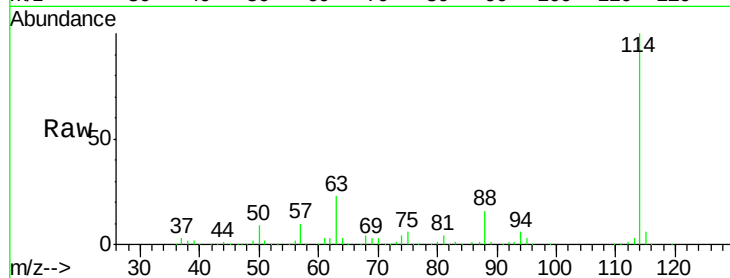
Tot Ion:114 Resp: 267778

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

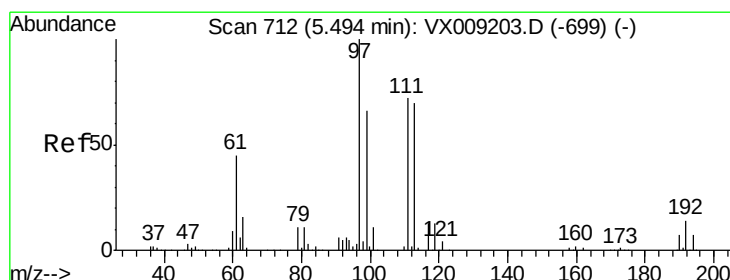
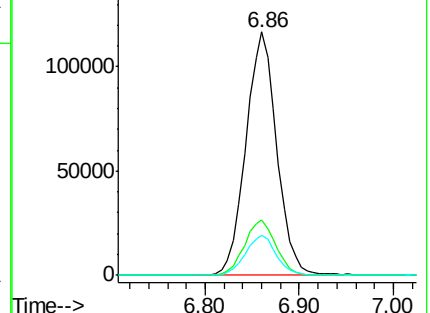
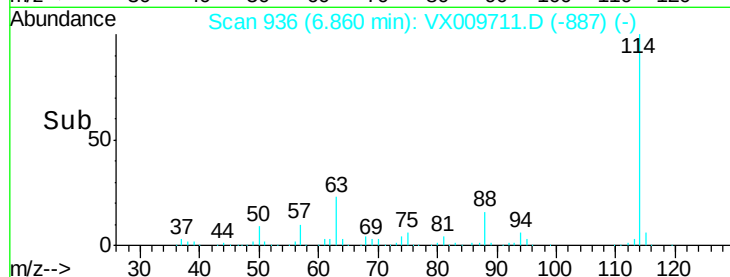
88 16.4 0.0 33.2



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: 49.017 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009711.D

Acq: 18 May 2019 11:43

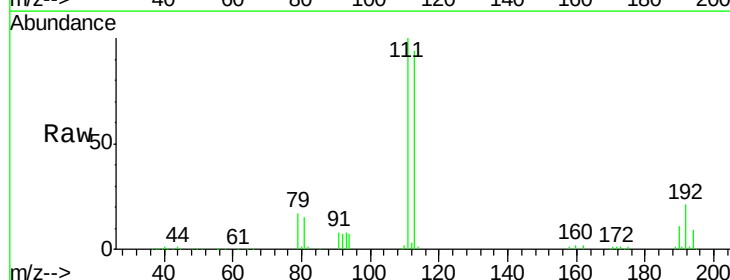
Tgt Ion:113 Resp: 82514

Ion Ratio Lower Upper

113 100

111 103.3 82.8 124.2

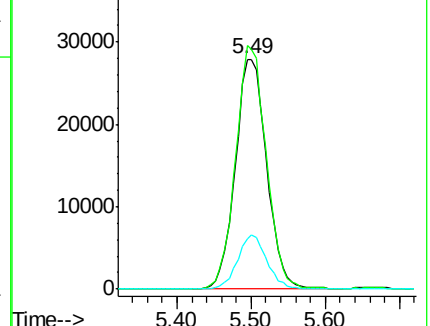
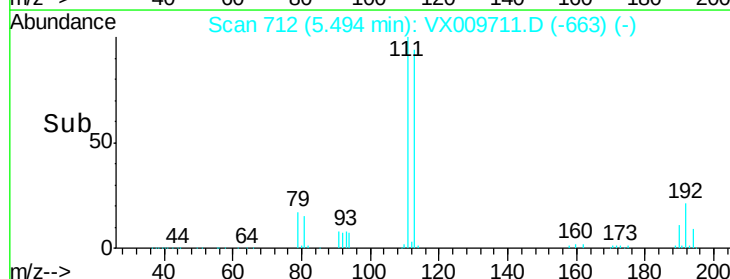
192 21.9 17.0 25.6

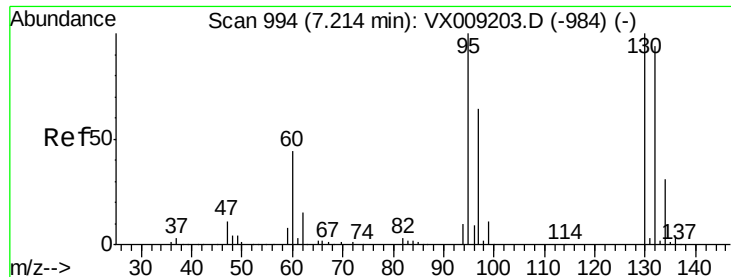


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 14.952 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009711.D

Acq: 18 May 2019 11:43

Instrument :

MSVOA_X

ClientSampled :

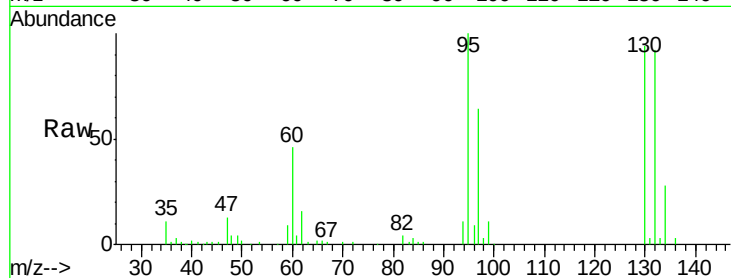
MW-01B_R2

Tot Ion:130 Resp: 27839

Ion Ratio Lower Upper

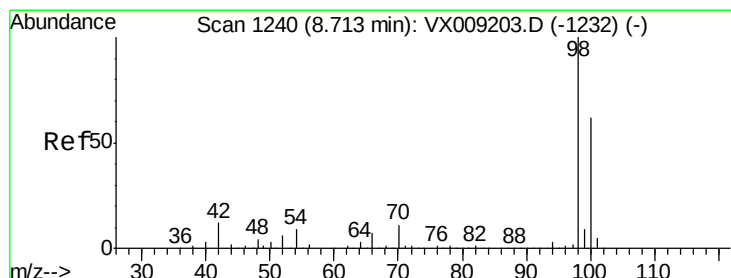
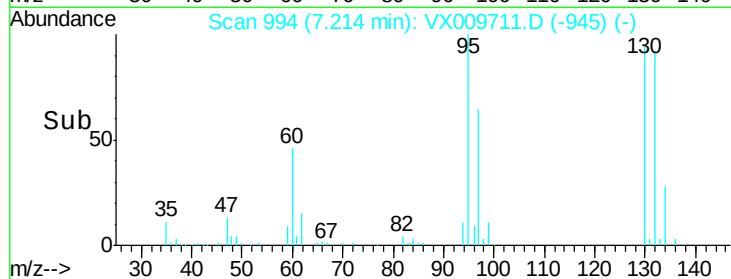
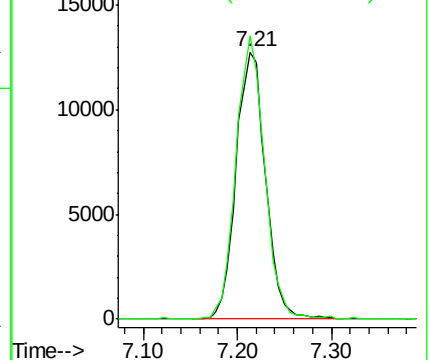
130 100

95 105.9 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.632 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009711.D

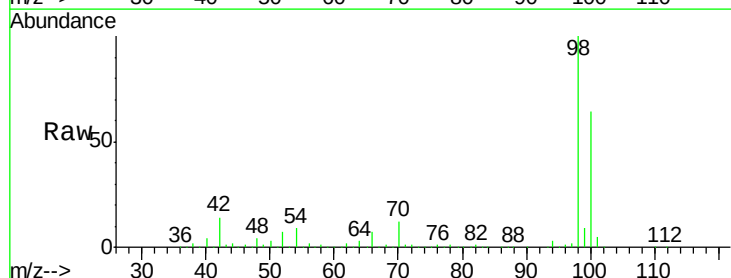
Acq: 18 May 2019 11:43

Tgt Ion: 98 Resp: 337305

Ion Ratio Lower Upper

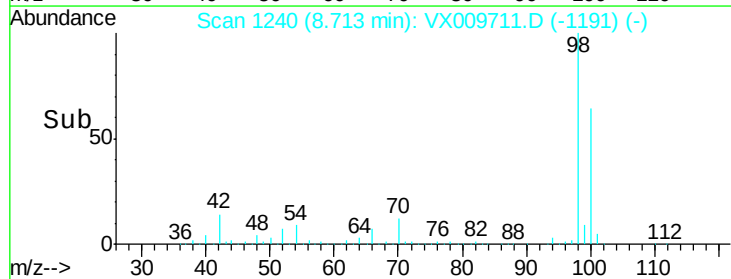
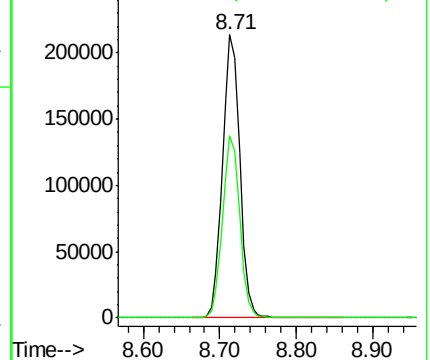
98 100

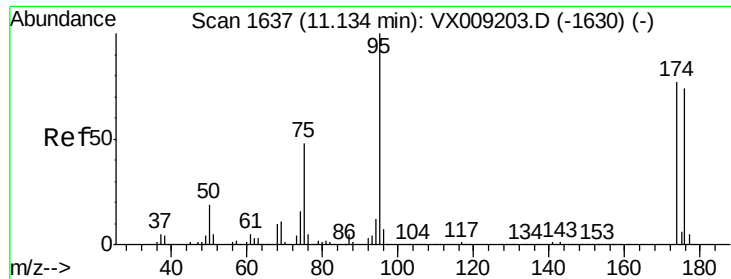
100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 43.478 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009711.D

Acq: 18 May 2019 11:43

Instrument :

MSVOA_X

ClientSampled :

MW-01B_R2

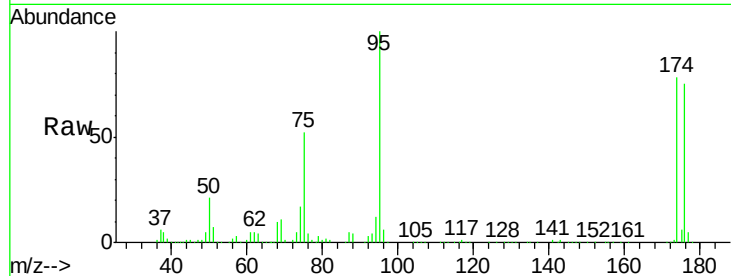
Tot Ion: 95 Resp: 107367

Ion Ratio Lower Upper

95 100

174 82.4 0.0 161.6

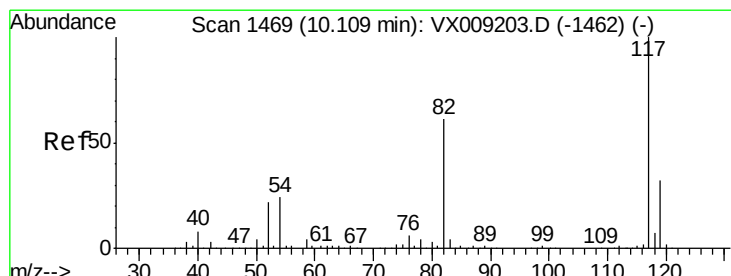
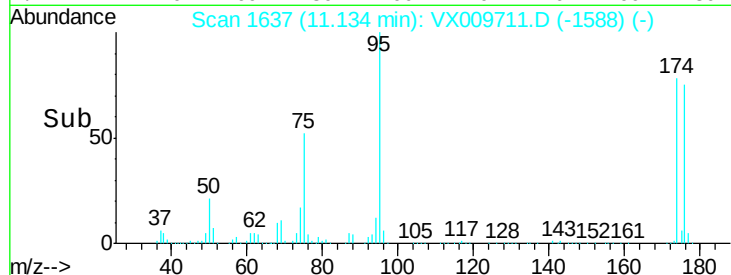
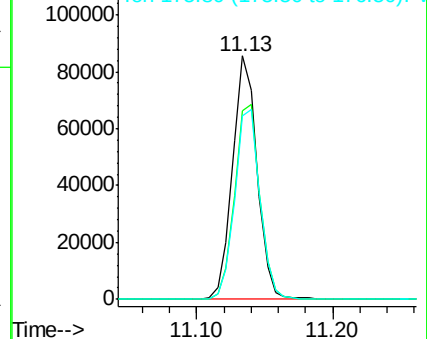
176 80.2 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009711.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009711.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009711.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009711.D

Acq: 18 May 2019 11:43

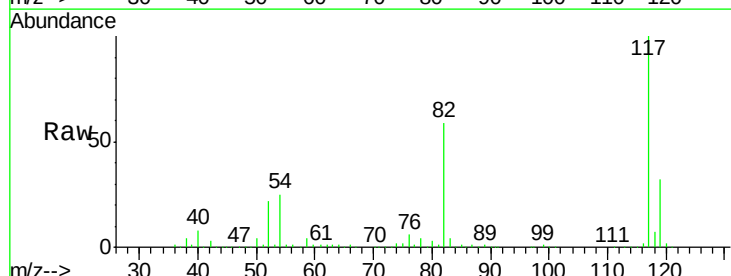
Tgt Ion: 117 Resp: 233073

Ion Ratio Lower Upper

117 100

82 59.3 48.8 73.2

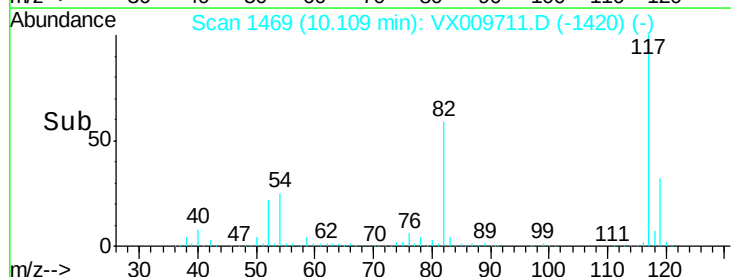
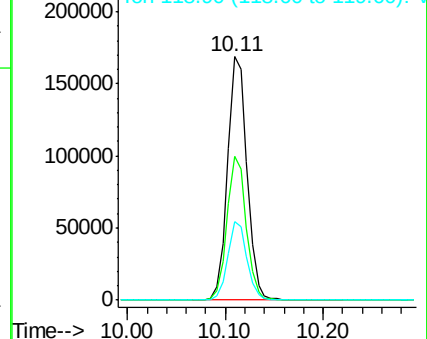
119 32.2 25.8 38.6

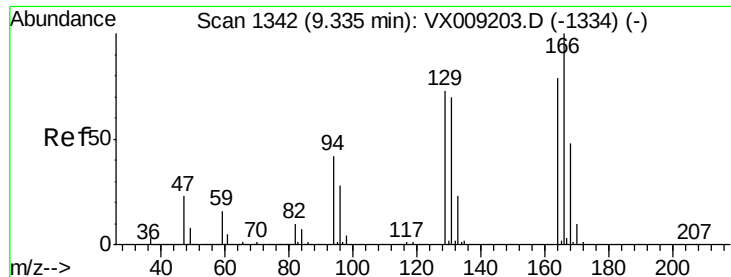


Abundance Ion 116.90 (116.60 to 117.60): VX009711.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009711.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009711.D (-1420) (-)

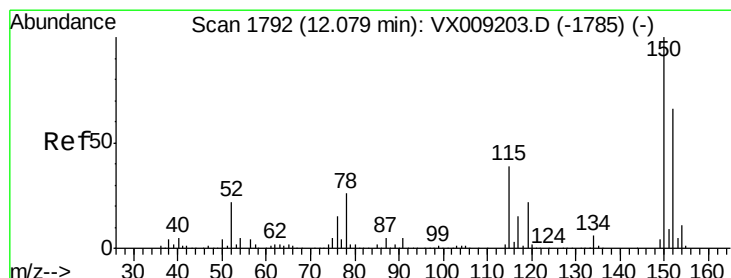
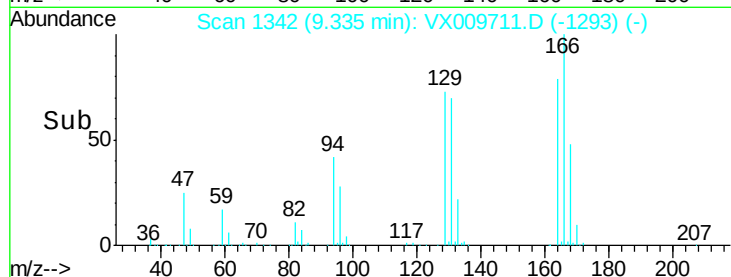
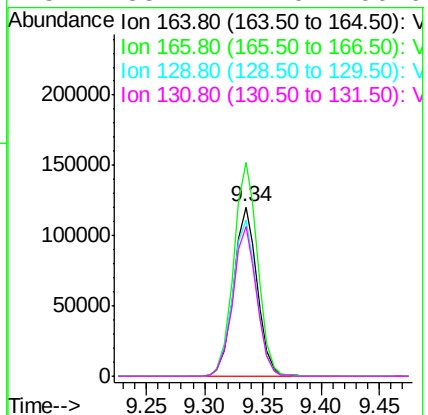
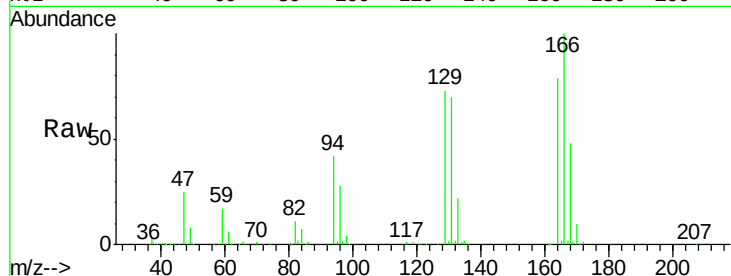




#64
Tetrachloroethene
Concen: 105.995 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009711.D
Acq: 18 May 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
MW-01B_R2

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.1	101.2	151.8
129	92.5	74.3	111.5
131	88.7	71.0	106.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009711.D
Acq: 18 May 2019 11:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	41.2	123.6
150	156.6	0.0	346.4

