

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051019\
 Data File : VX009502.D
 Acq On : 10 May 2019 23:33
 Operator : JC/SP
 Sample : K2811-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW201D-GW-20190509

Quant Time: May 11 04:24:13 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	184443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	291908	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115574	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	119744	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	
35) Dibromofluoromethane	5.50	113	89510	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
50) Toluene-d8	8.71	98	368958	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.13	95	124987	46.43	ug/l	0.00
Spiked Amount			Recovery	=	92.86%	

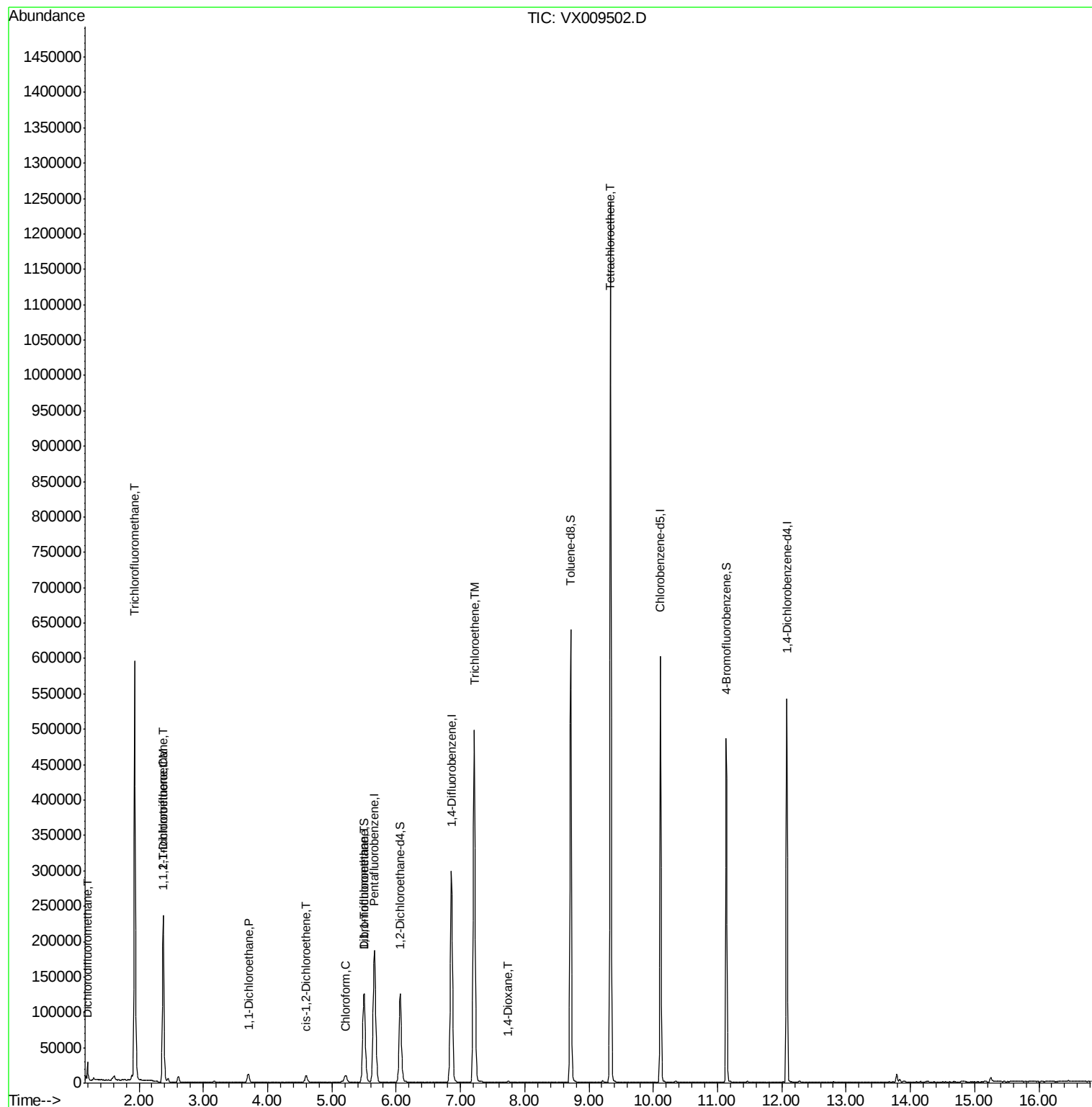
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	15361	9.038	ug/l	99
7) Trichlorofluoromethane	1.93	101	400977	145.782	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	6230	3.607	ug/l	94
12) 1,1-Dichloroethene	2.37	96	73899	42.701	ug/l	98
24) 1,1-Dichloroethane	3.70	63	12982	3.245	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	6060	2.705	ug/l	86
30) Chloroform	5.21	83	11740	3.244	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	19933	6.617	ug/l	98
44) Trichloroethene	7.21	130	193673	95.423	ug/l	96
49) 1,4-Dioxane	7.74	88	1219	20.040	ug/l #	83
64) Tetrachloroethene	9.34	164	245758	137.404	ug/l	99

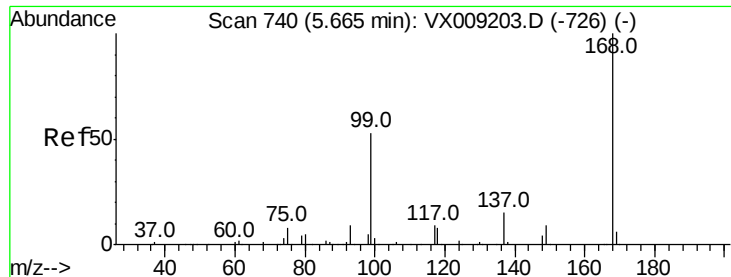
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009502.D

Acq: 10 May 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

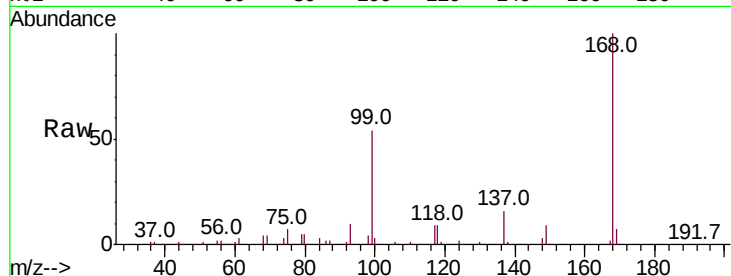
BP-TT-MW201D-GW-20190509

Tot Ion:168 Resp: 184443

Ion Ratio Lower Upper

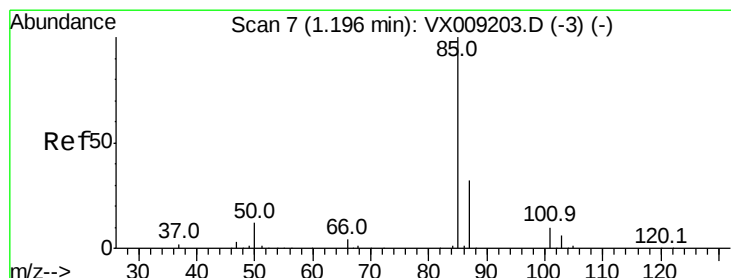
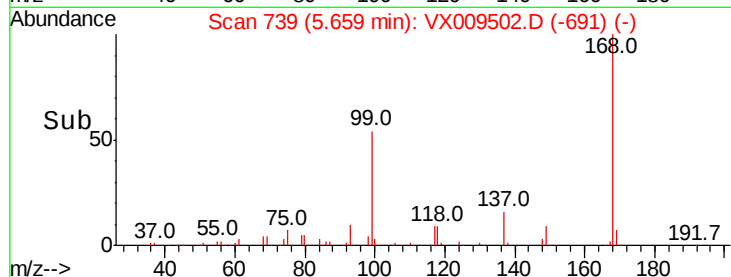
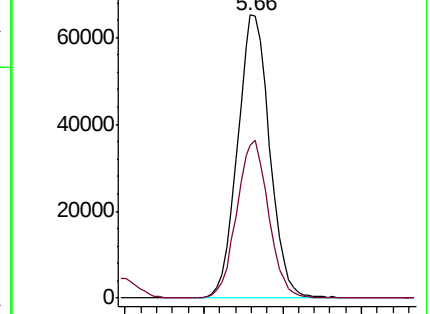
168 100

99 53.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 9.038 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009502.D

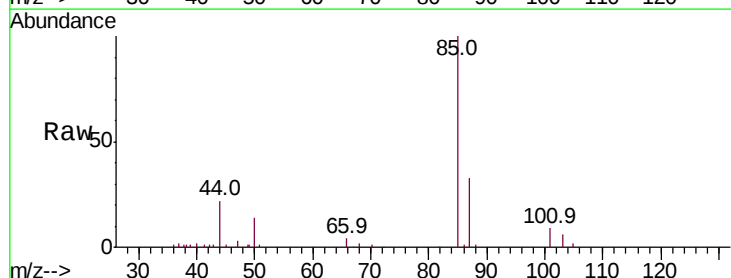
Acq: 10 May 2019 23:33

Tgt Ion: 85 Resp: 15361

Ion Ratio Lower Upper

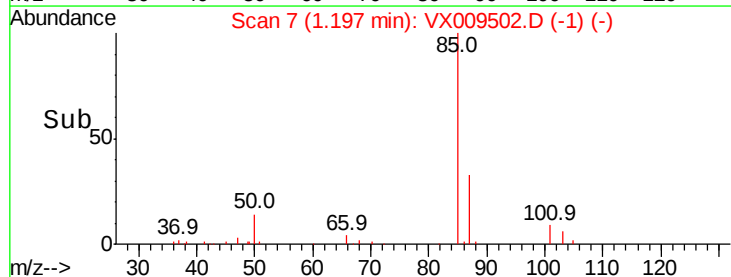
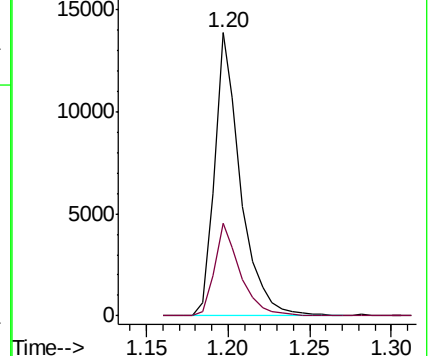
85 100

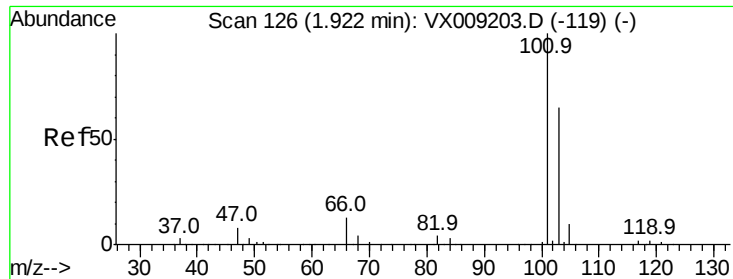
87 32.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0



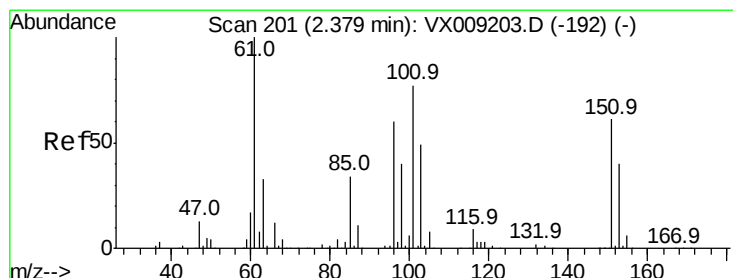
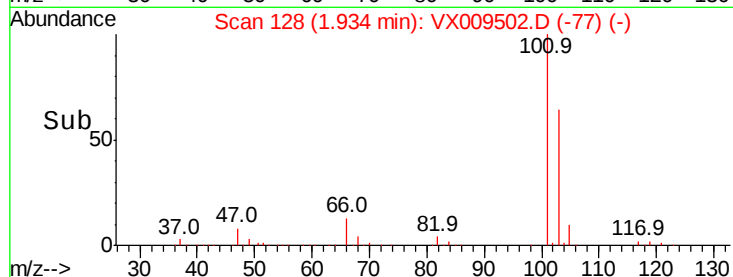
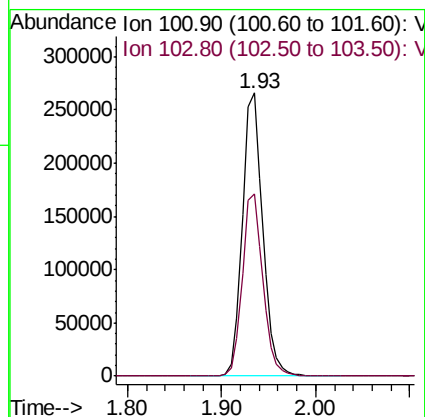
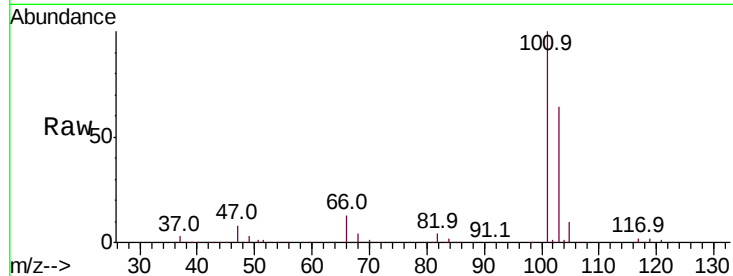


#7

Trichlorofluoromethane
Concen: 145.782 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX009502.D
Acq: 10 May 2019 23:33

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW201D-GW-20190509

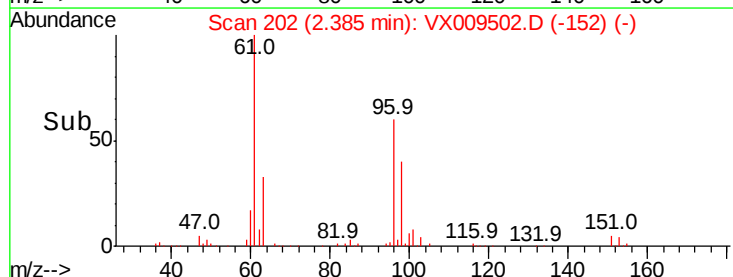
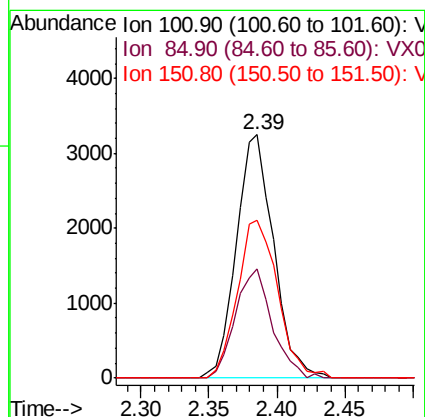
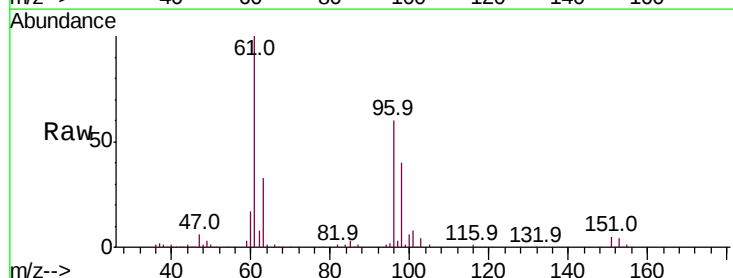
Tot Ion:101 Resp: 400977
Ion Ratio Lower Upper
101 100
103 64.5 52.4 78.6

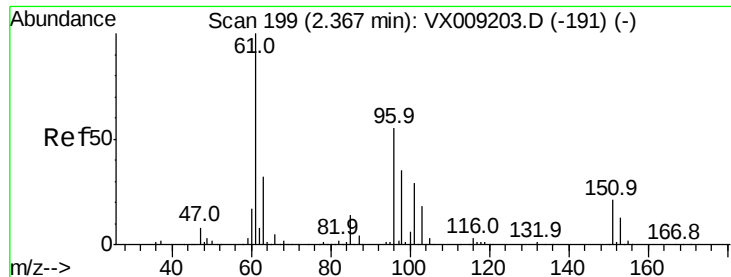


#9

1,1,2-Trichlorotrifluoroethane
Concen: 3.607 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.01 min
Lab File: VX009502.D
Acq: 10 May 2019 23:33

Tgt Ion:101 Resp: 6230
Ion Ratio Lower Upper
101 100
85 44.1 35.7 53.5
151 70.2 62.2 93.2





#12

1,1-Dichloroethene

Concen: 42.701 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX009502.D

Acq: 10 May 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW201D-GW-20190509

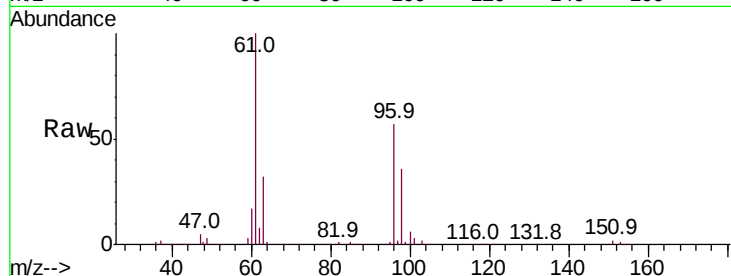
Tot Ion: 96 Resp: 73899

Ion Ratio Lower Upper

96 100

61 176.1 144.3 216.5

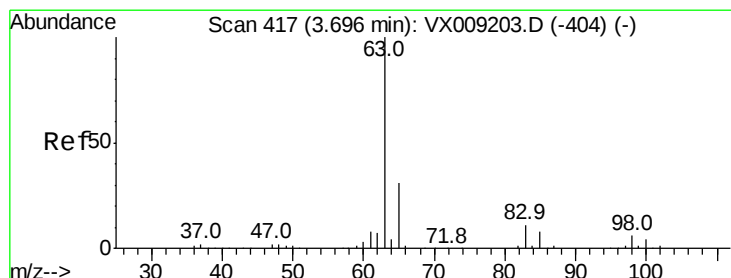
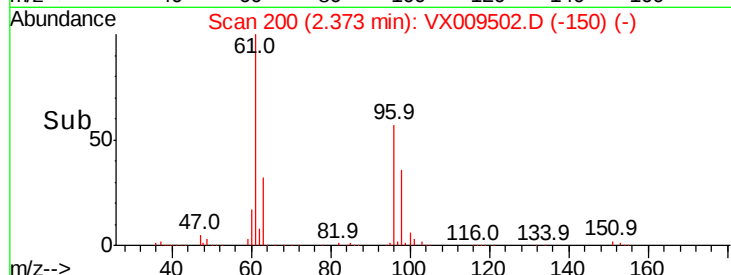
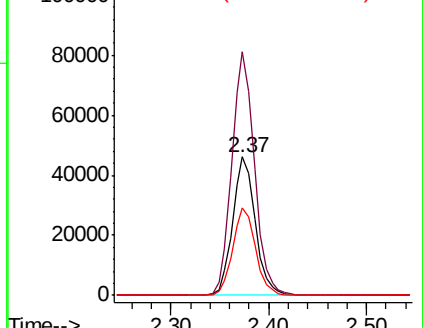
98 63.5 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#24

1,1-Dichloroethane

Concen: 3.245 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX009502.D

Acq: 10 May 2019 23:33

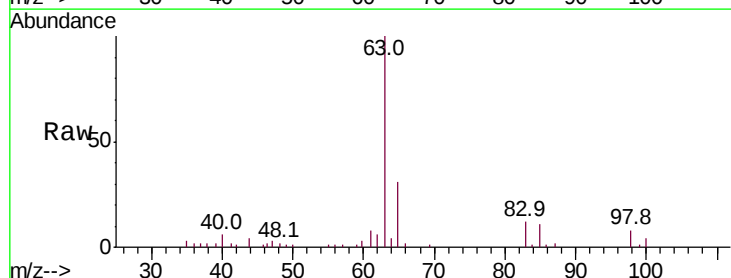
Tgt Ion: 63 Resp: 12982

Ion Ratio Lower Upper

63 100

98 8.0 3.0 9.2

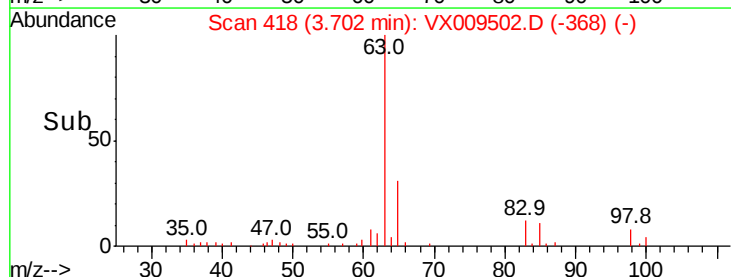
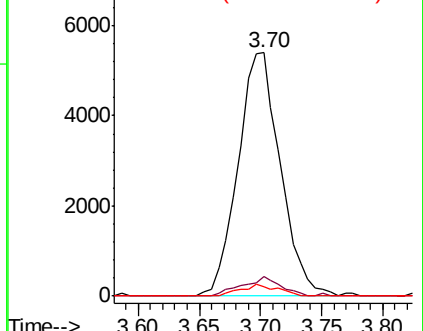
100 3.8 2.0 6.0

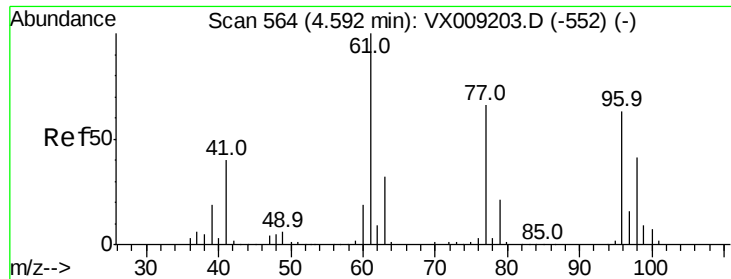


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

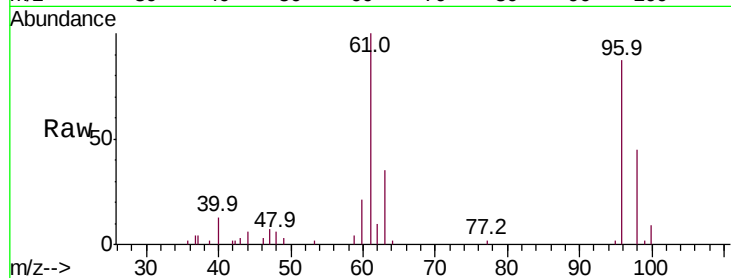




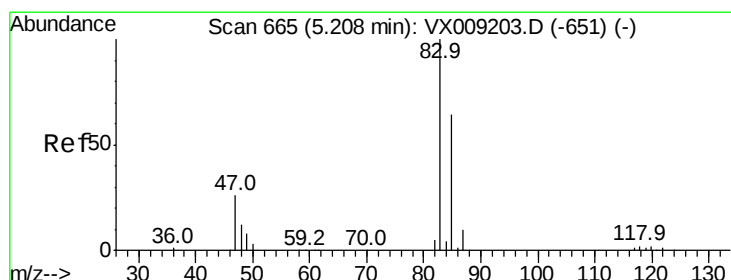
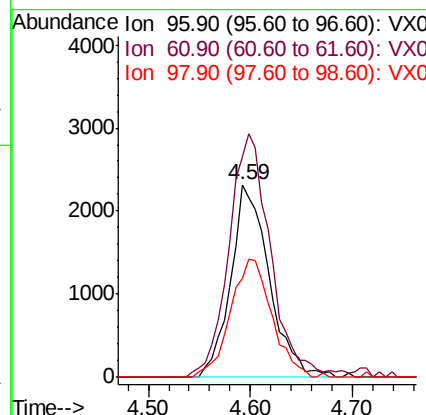
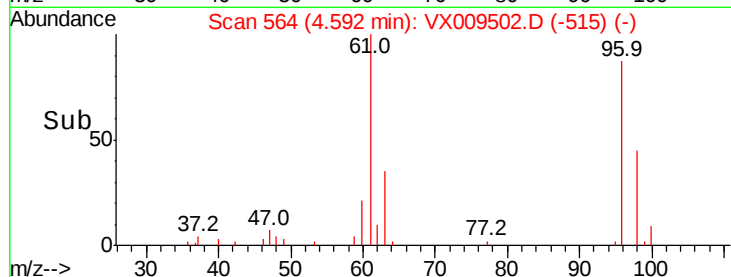
#27
 cis-1,2-Dichloroethene
 Concen: 2.705 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VX009502.D
 Acq: 10 May 2019 23:33

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW201D-GW-20190509

Tot Ion: 96 Resp: 6060
 Ion Ratio Lower Upper
 96 100
 61 135.6 0.0 324.0
 98 65.9 0.0 130.4

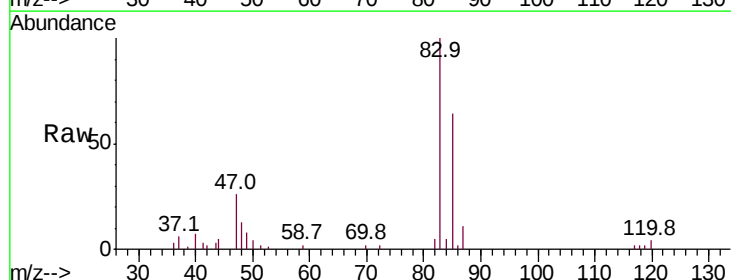


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

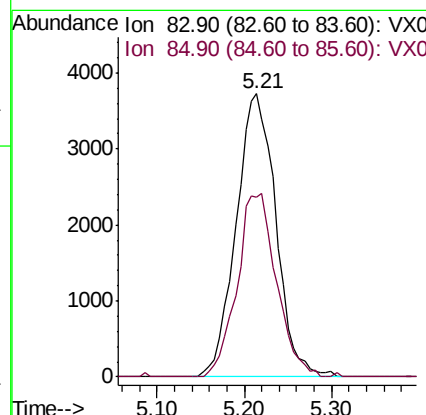
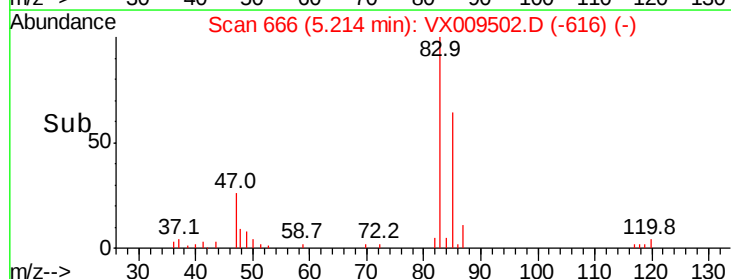


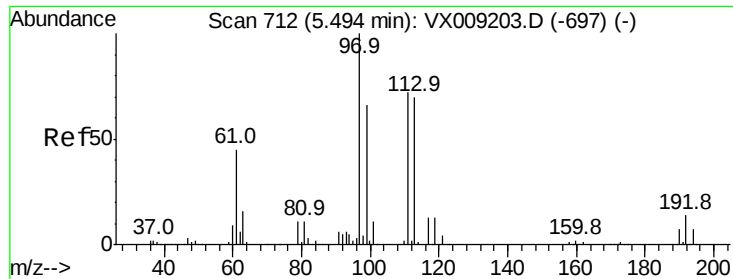
#30
 Chloroform
 Concen: 3.244 ug/l
 RT: 5.21 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: VX009502.D
 Acq: 10 May 2019 23:33

Tgt Ion: 83 Resp: 11740
 Ion Ratio Lower Upper
 83 100
 85 63.5 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0





#32

1,1,1-Trichloroethane

Concen: 6.617 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009502.D

Acq: 10 May 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW201D-GW-20190509

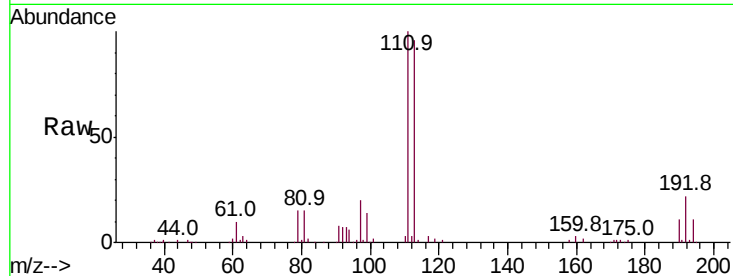
Tot Ion: 97 Resp: 19933

Ion Ratio Lower Upper

97 100

99 65.4 51.8 77.8

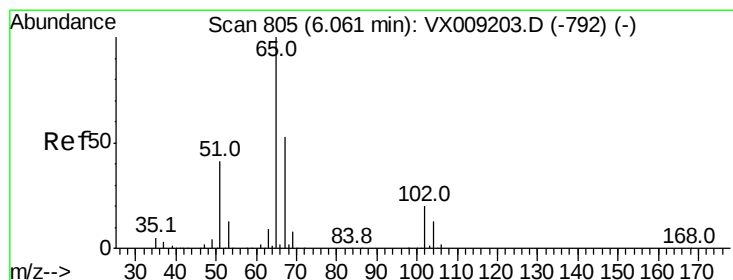
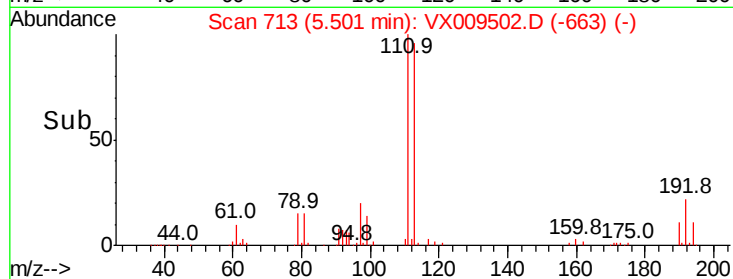
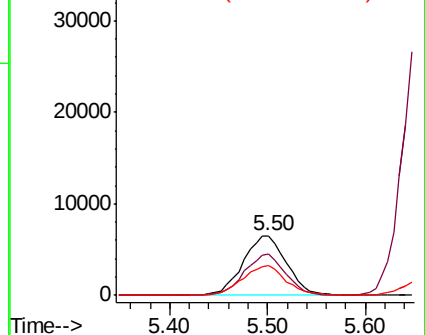
61 49.5 37.8 56.8



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.558 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009502.D

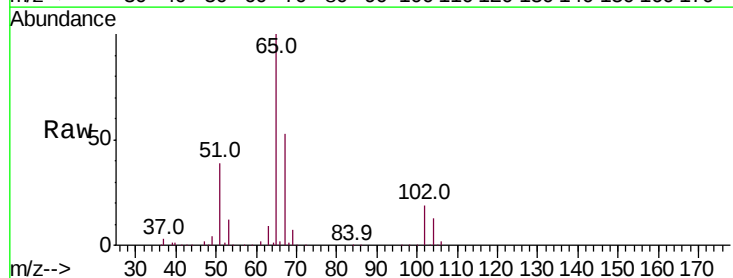
Acq: 10 May 2019 23:33

Tgt Ion: 65 Resp: 119744

Ion Ratio Lower Upper

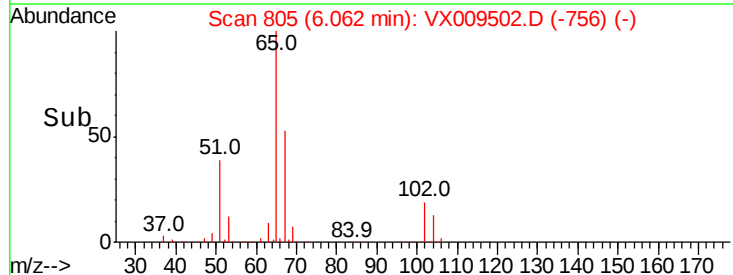
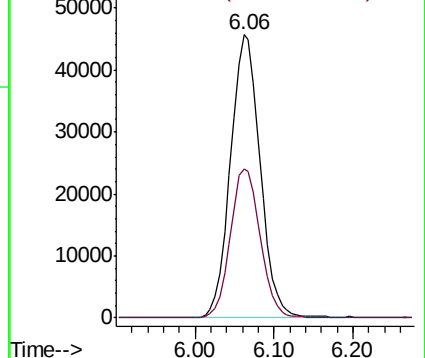
65 100

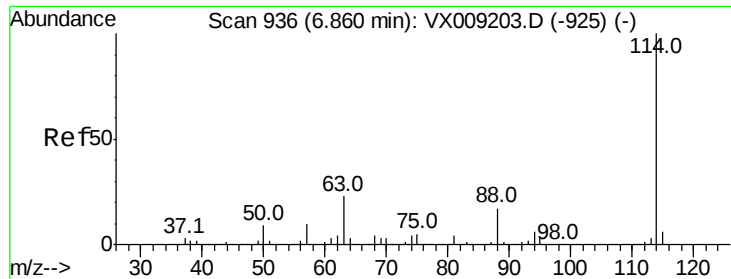
67 53.1 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

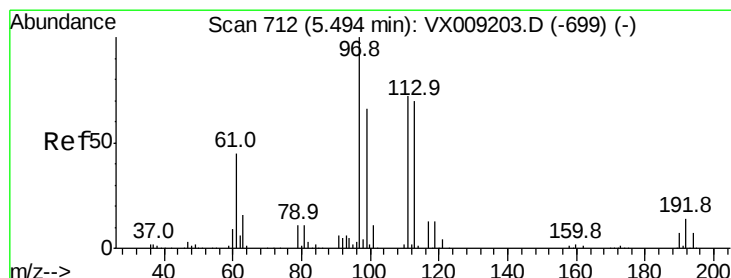
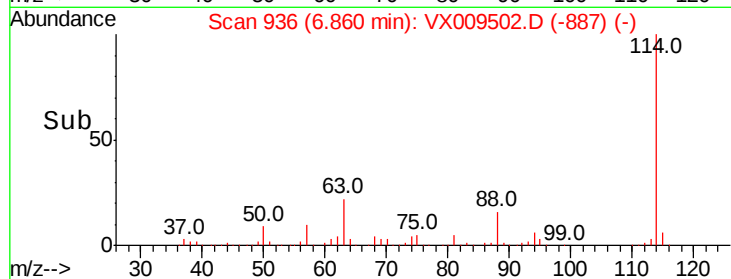
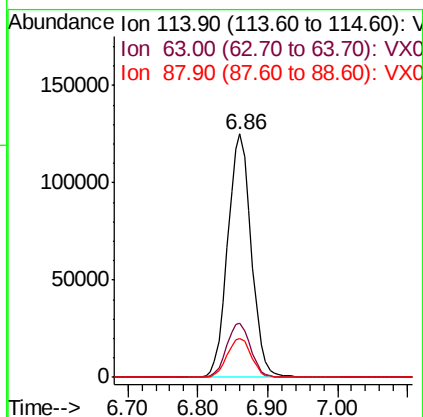
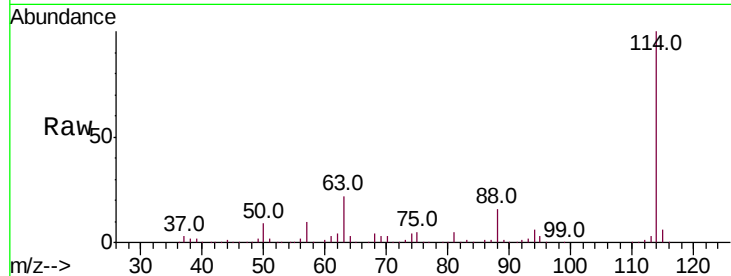




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009502.D
 Acq: 10 May 2019 23:33

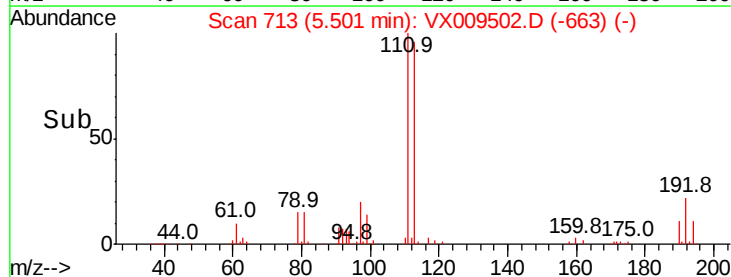
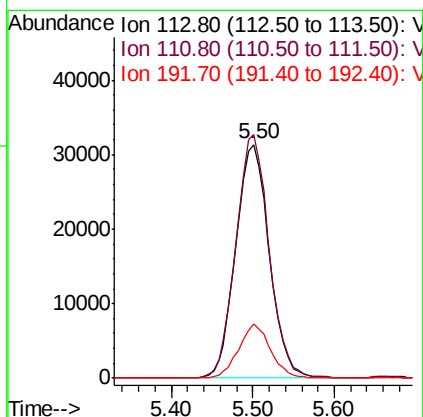
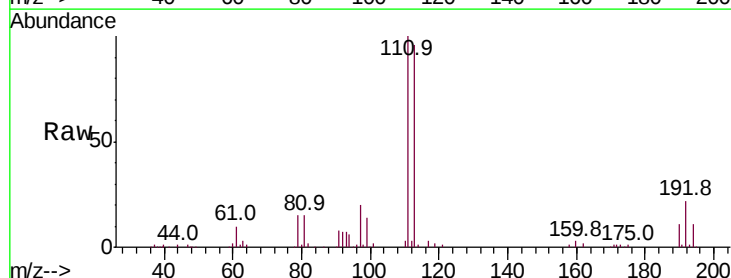
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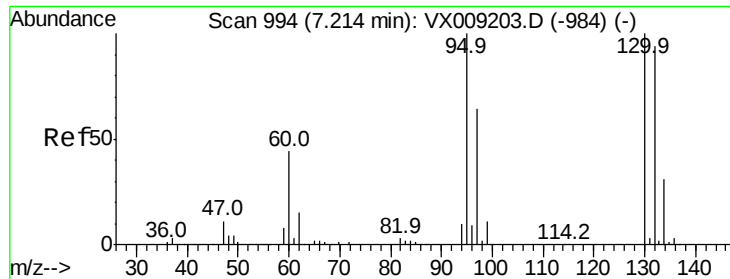
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	45.6
88	16.2	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 48.778 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009502.D
 Acq: 10 May 2019 23:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.8	124.2
192	22.0	17.0	25.6

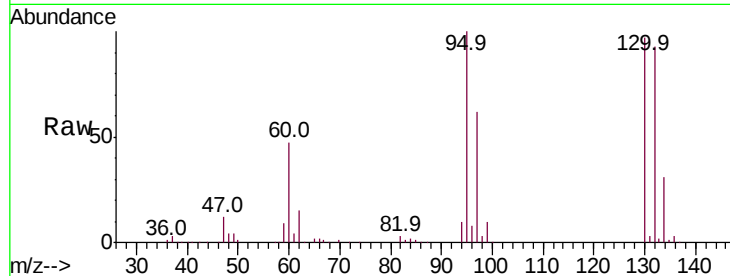




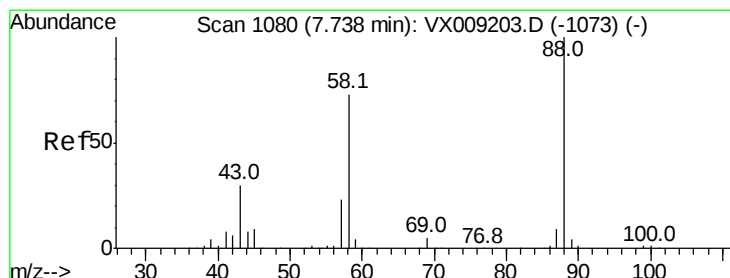
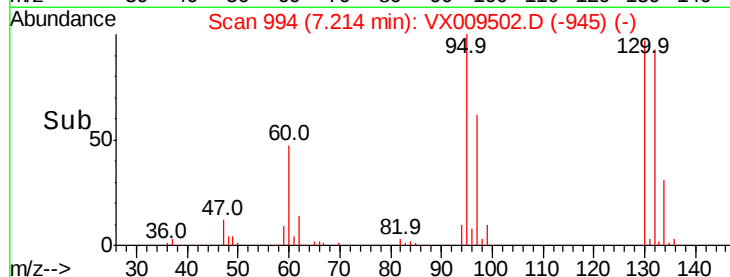
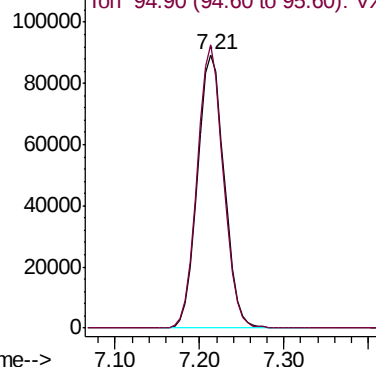
#44
 Trichloroethene
 Concen: 95.423 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009502.D
 Acq: 10 May 2019 23:33

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW201D-GW-20190509

Tot Ion:130 Resp: 193673
 Ion Ratio Lower Upper
 130 100
 95 103.5 0.0 199.2

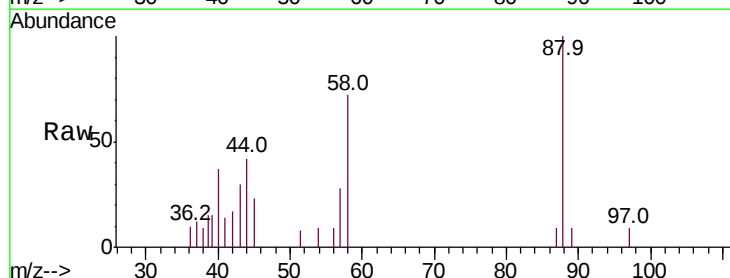


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

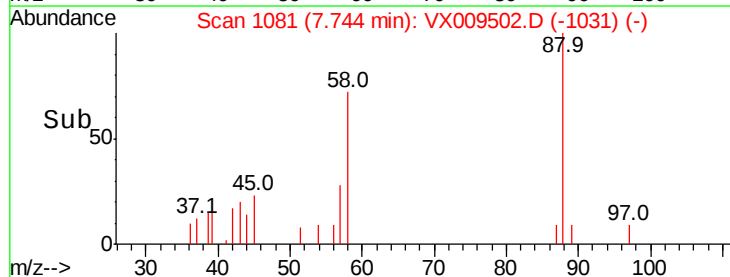
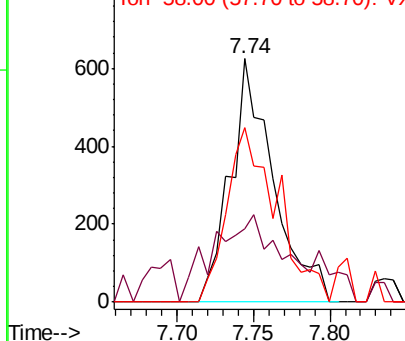


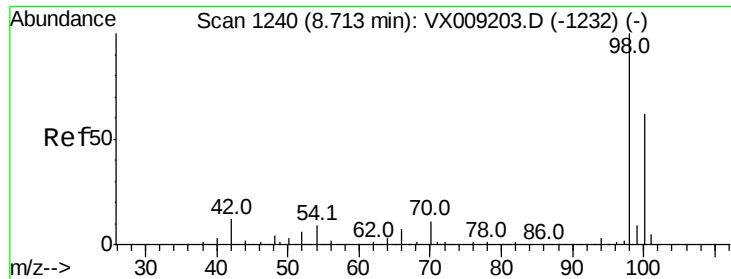
#49
 1,4-Dioxane
 Concen: 20.040 ug/l
 RT: 7.74 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: VX009502.D
 Acq: 10 May 2019 23:33

Tgt Ion: 88 Resp: 1219
 Ion Ratio Lower Upper
 88 100
 43 56.8 28.6 42.8#
 58 84.1 61.7 92.5



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

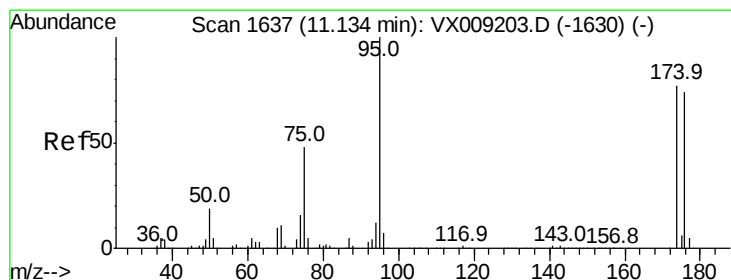
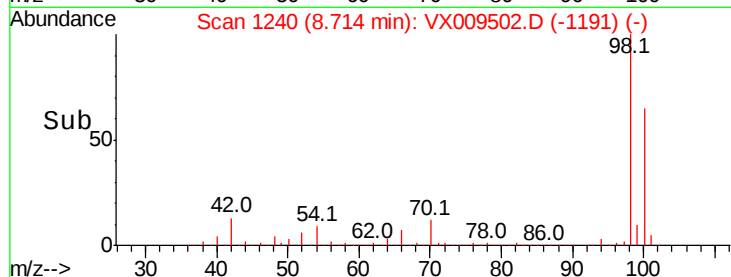
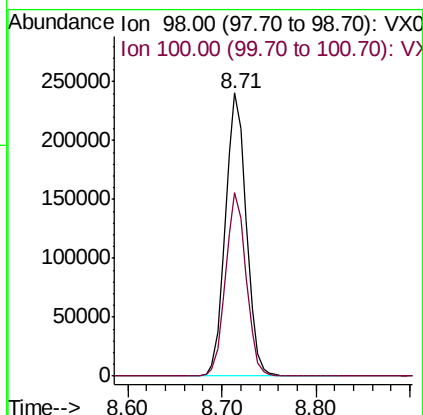
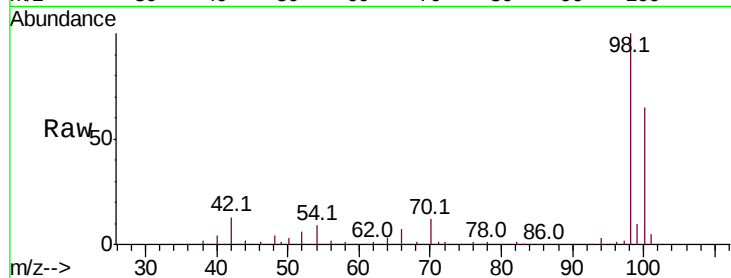




#50
Toluene-d8
Concen: 49.802 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009502.D
Acq: 10 May 2019 23:33

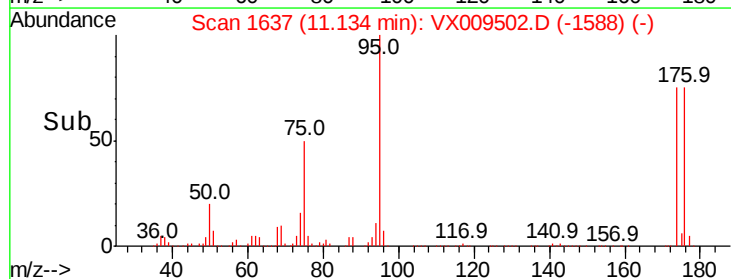
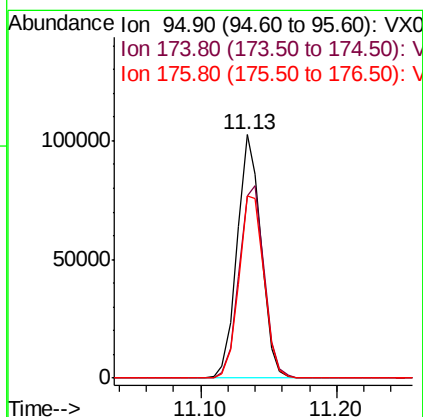
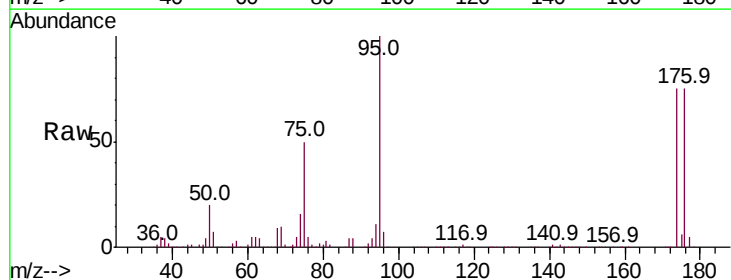
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW201D-GW-20190509

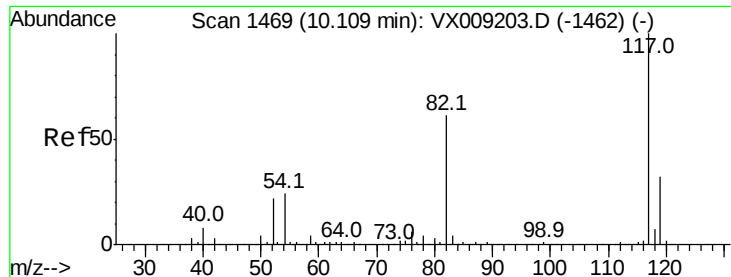
Tot Ion: 98 Resp: 368958
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 46.429 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009502.D
Acq: 10 May 2019 23:33

Tgt Ion: 95 Resp: 124987
Ion Ratio Lower Upper
95 100
174 82.9 0.0 161.6
176 79.1 0.0 159.2

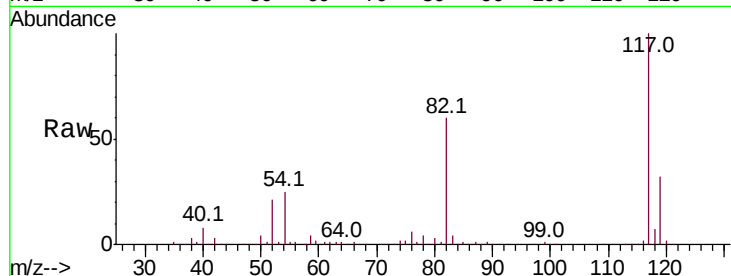




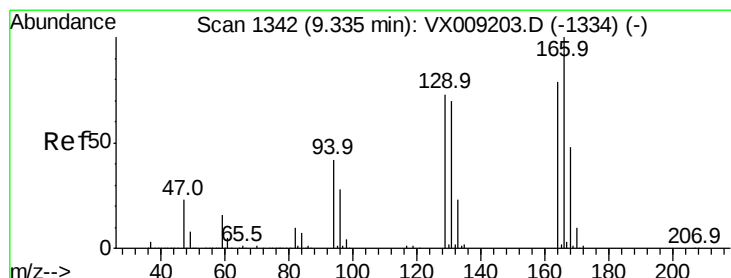
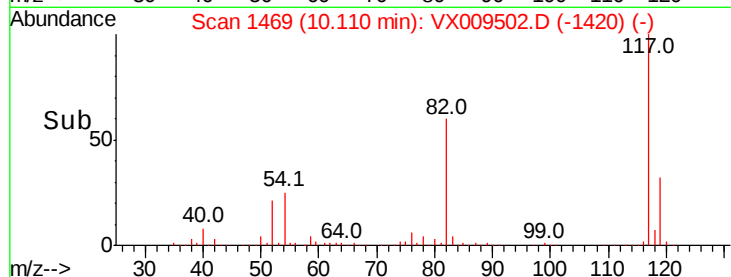
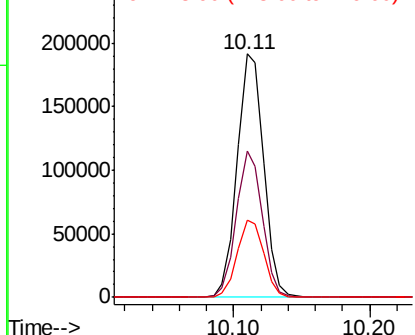
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009502.D
Acq: 10 May 2019 23:33

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW201D-GW-20190509

Tot Ion:117 Resp: 260742
Ion Ratio Lower Upper
117 100
82 59.9 48.8 73.2
119 31.9 25.8 38.6

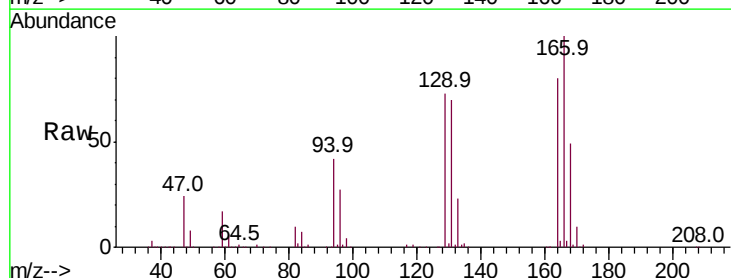


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

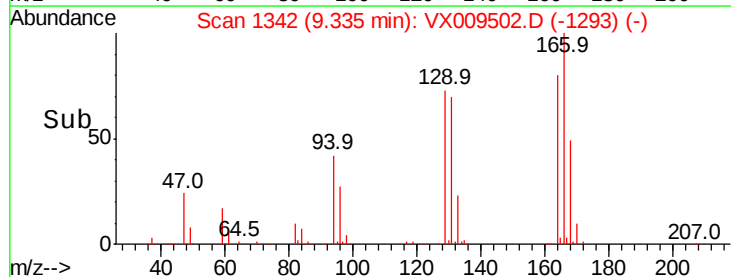
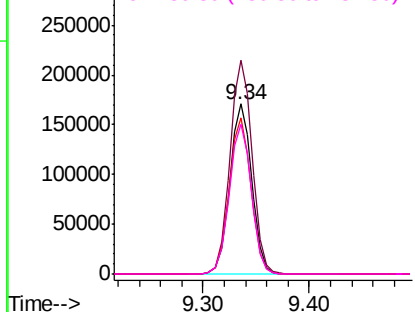


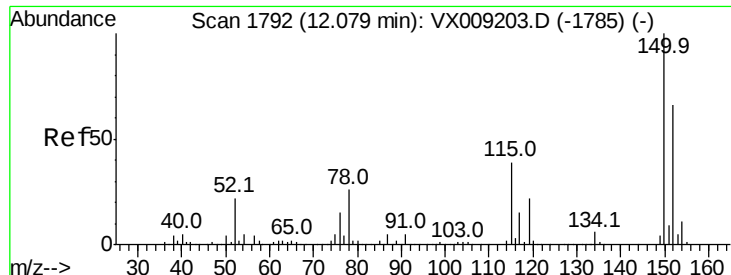
#64
Tetrachloroethene
Concen: 137.404 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009502.D
Acq: 10 May 2019 23:33

Tgt Ion:164 Resp: 245758
Ion Ratio Lower Upper
164 100
166 125.7 101.2 151.8
129 91.6 74.3 111.5
131 88.0 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

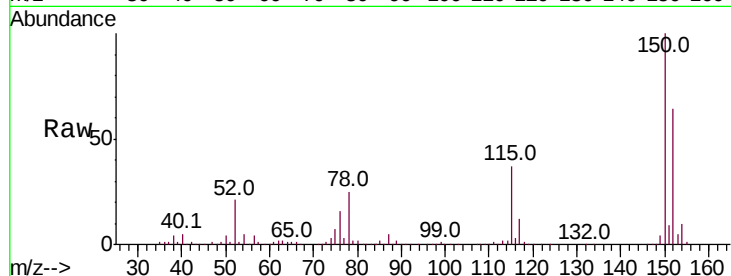




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009502.D
 Acq: 10 May 2019 23:33

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW201D-GW-20190509

Tot Ion:152 Resp: 115574
 Ion Ratio Lower Upper
 152 100
 115 58.2 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

