

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102519\
 Data File : VX013206.D
 Acq On : 24 Oct 2019 12:50
 Operator : JC/SP
 Sample : K5531-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW203D1-GW-20191022

Quant Time: Oct 25 03:34:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

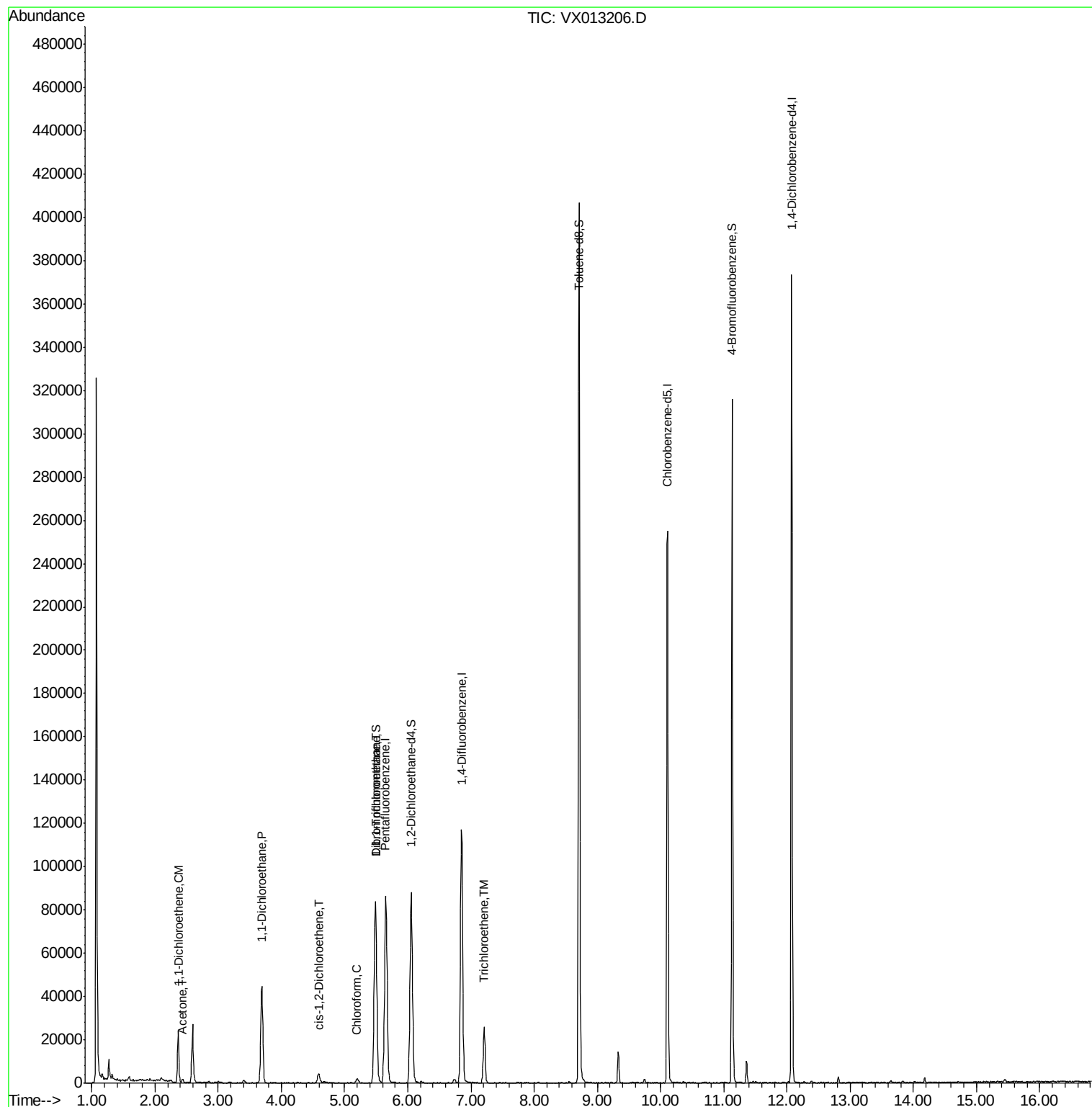
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	79507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	119420	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	120389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	75751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	88934	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	
35) Dibromofluoromethane	5.48	113	68023	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	8.71	98	246585	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.14	95	91894	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.37	96	7993	5.902	ug/l	95
16) Acetone	2.43	43	1661	2.120	ug/l	100
24) 1,1-Dichloroethane	3.69	63	48227	18.806	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	2850	1.718	ug/l	82
30) Chloroform	5.19	83	2536	0.929	ug/l #	74
32) 1,1,1-Trichloroethane	5.48	97	6201	2.554	ug/l	97
44) Trichloroethene	7.21	130	10209	5.997	ug/l	95

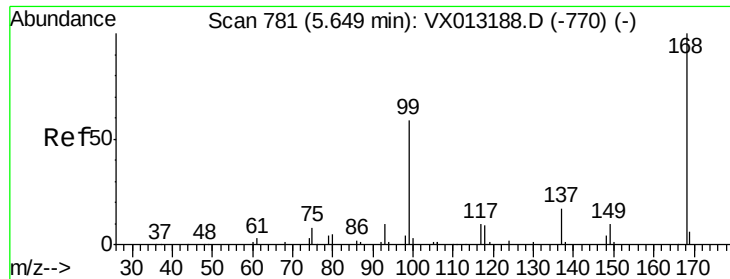
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102519\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013206.D

Acq: 24 Oct 2019 12:50

Instrument :

MSVOA_X

ClientSampleId :

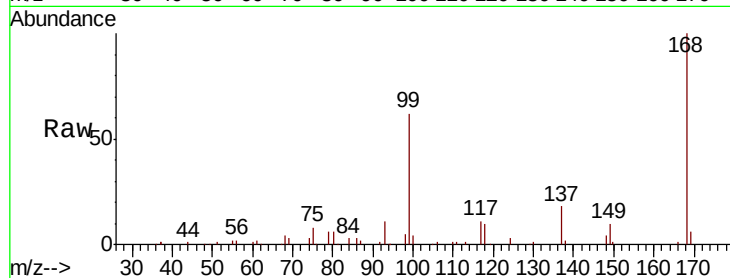
BP-TT-MW203D1-GW-20191022

Tot Ion:168 Resp: 79507

Ion Ratio Lower Upper

168 100

99 61.6 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

30000

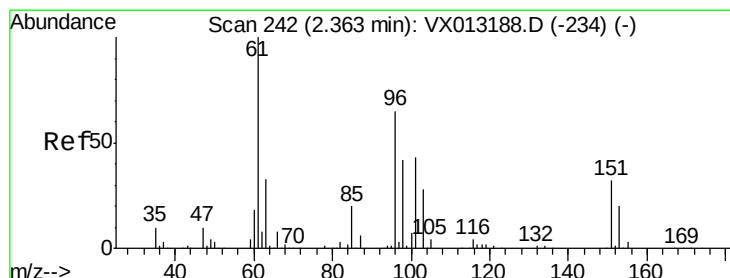
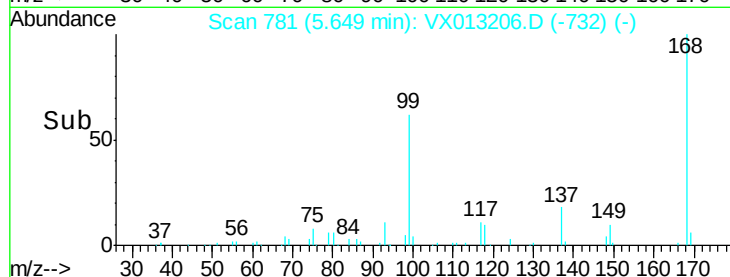
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 5.902 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX013206.D

Acq: 24 Oct 2019 12:50

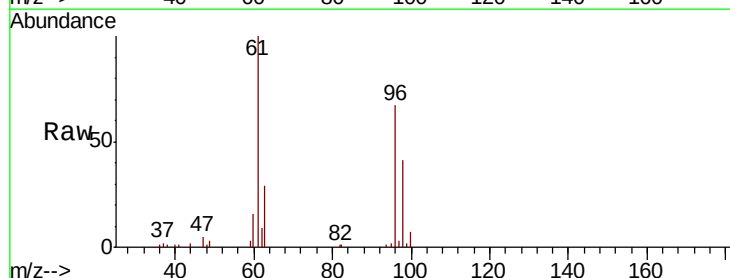
Tgt Ion: 96 Resp: 7993

Ion Ratio Lower Upper

96 100

61 148.4 123.8 185.8

98 60.3 51.6 77.4



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

10000

8000

6000

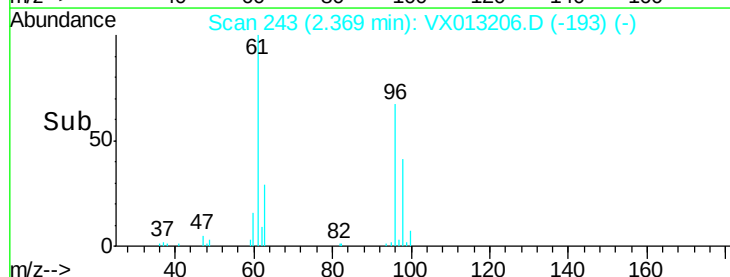
4000

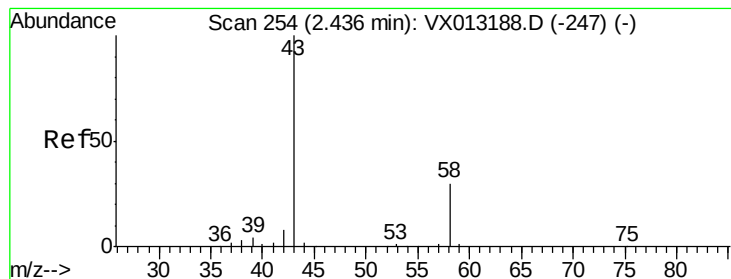
2000

0

Time-->

2.30 2.35 2.40 2.45





#16

Acetone

Concen: 2.120 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013206.D

Acq: 24 Oct 2019 12:50

Instrument :

MSVOA_X

ClientSampleId :

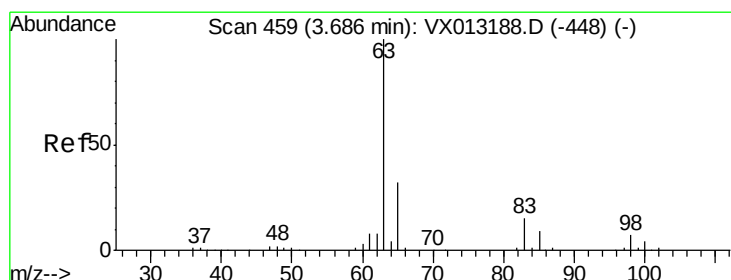
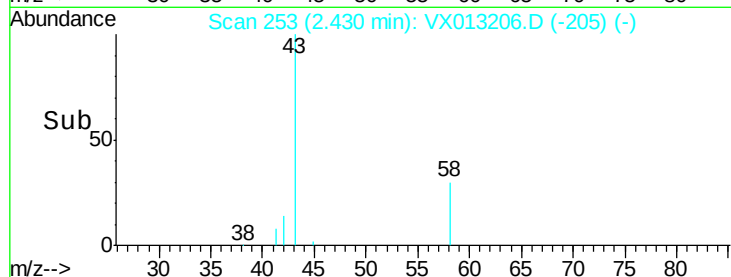
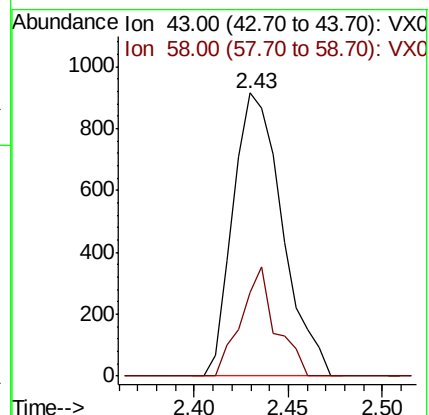
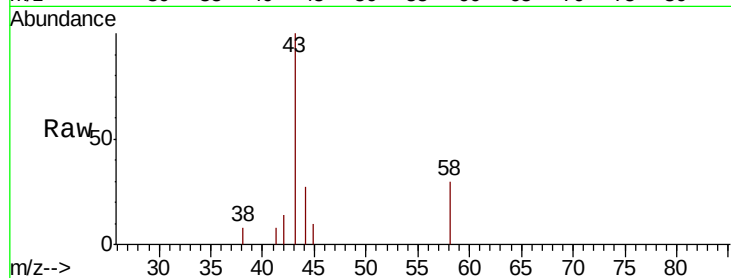
BP-TT-MW203D1-GW-20191022

Tot Ion: 43 Resp: 1661

Ion Ratio Lower Upper

43 100

58 29.6 23.8 35.6



#24

1,1-Dichloroethane

Concen: 18.806 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX013206.D

Acq: 24 Oct 2019 12:50

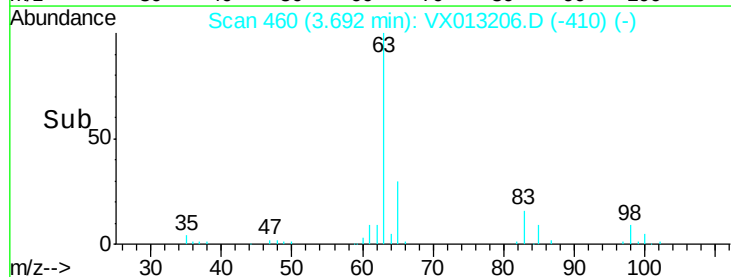
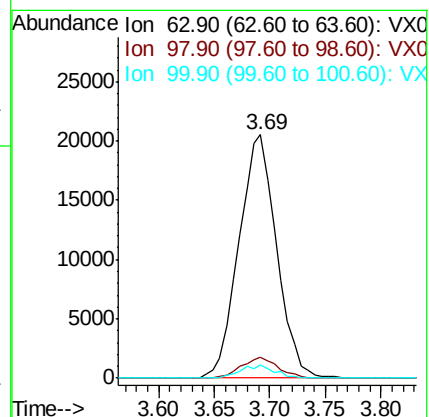
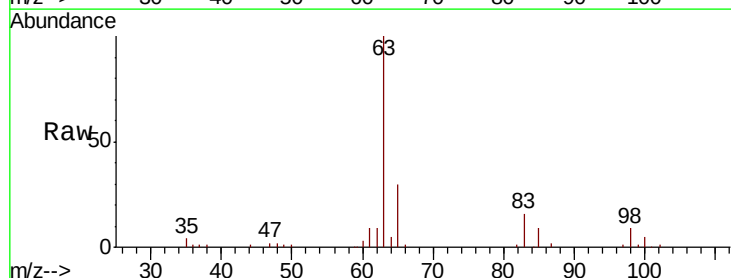
Tgt Ion: 63 Resp: 48227

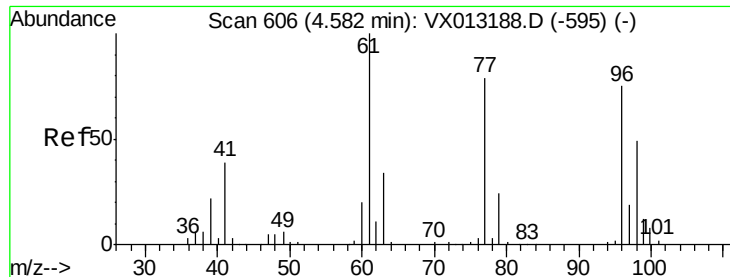
Ion Ratio Lower Upper

63 100

98 8.7 3.8 11.2

100 5.3 2.2 6.6



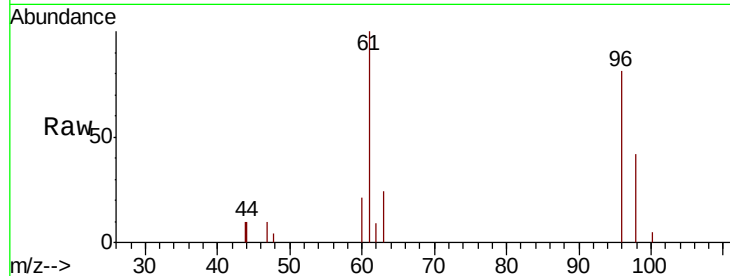


#27

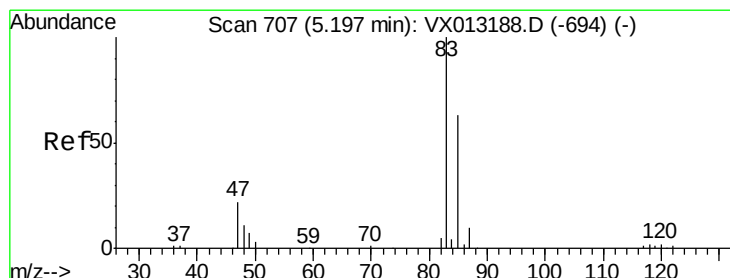
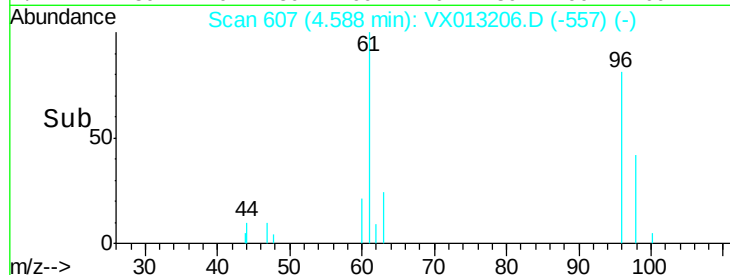
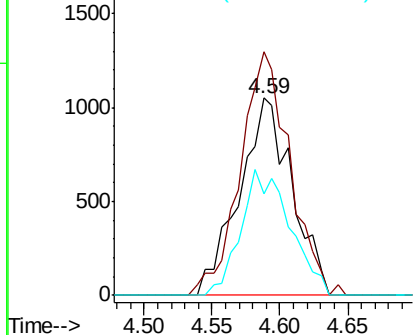
cis-1,2-Dichloroethene
Concen: 1.718 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013206.D
Acq: 24 Oct 2019 12:50

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW203D1-GW-20191022

Tot Ion: 96 Resp: 2850
Ion Ratio Lower Upper
96 100
61 116.1 0.0 290.4
98 59.3 0.0 130.4



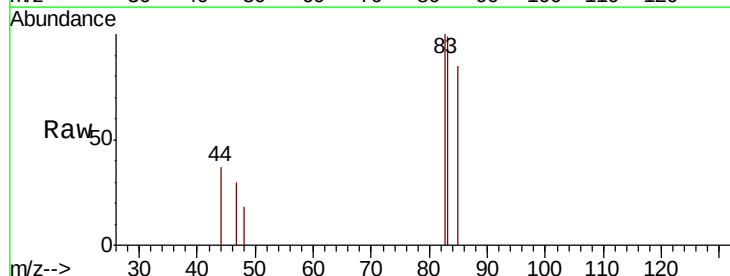
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



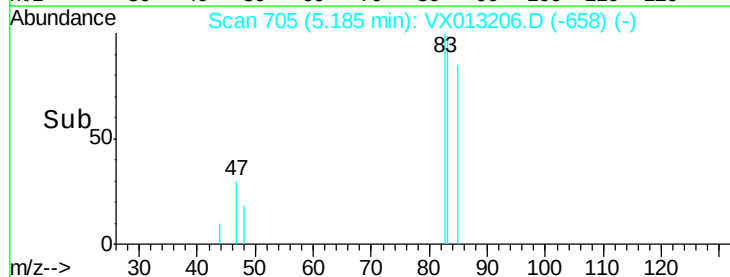
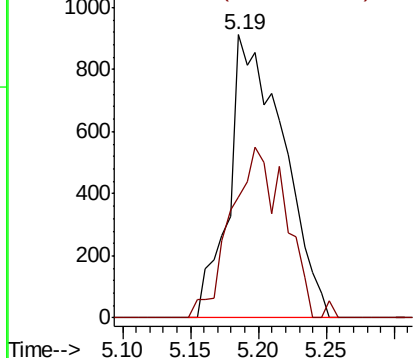
#30

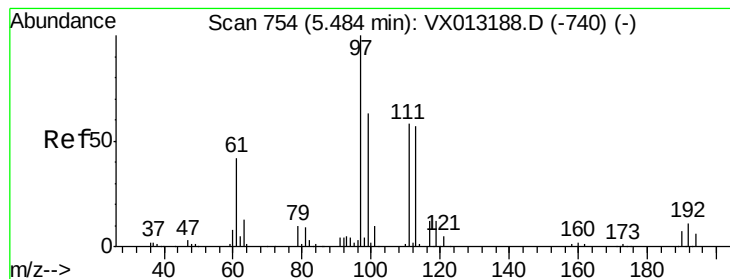
Chloroform
Concen: 0.929 ug/l
RT: 5.19 min Scan# 705
Delta R.T. -0.01 min
Lab File: VX013206.D
Acq: 24 Oct 2019 12:50

Tgt Ion: 83 Resp: 2536
Ion Ratio Lower Upper
83 100
85 42.5 50.1 75.1#



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: 2.554 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013206.D

Acq: 24 Oct 2019 12:50

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW203D1-GW-20191022

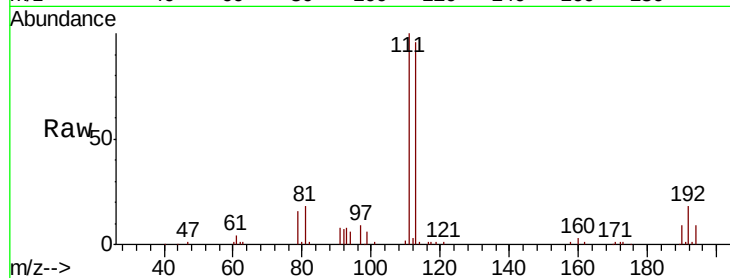
Tot Ion: 97 Resp: 6201

Ion Ratio Lower Upper

97 100

99 65.3 50.8 76.2

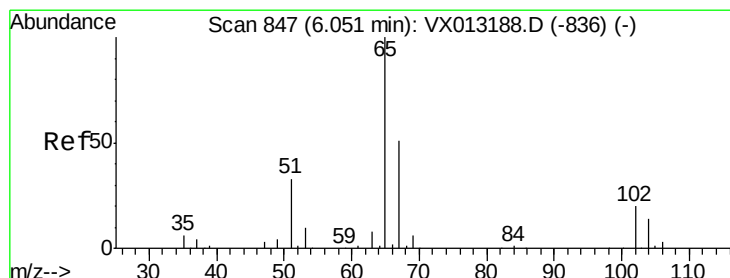
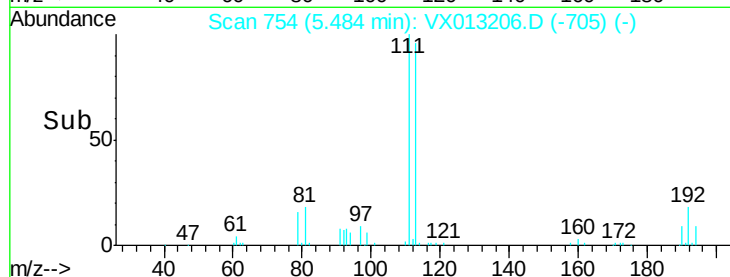
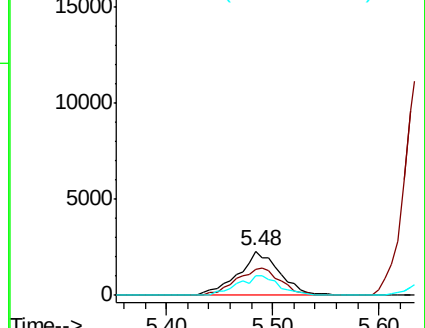
61 44.1 32.8 49.2



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: 53.480 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013206.D

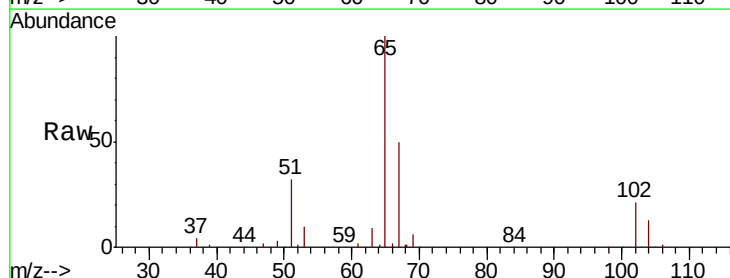
Acq: 24 Oct 2019 12:50

Tgt Ion: 65 Resp: 88934

Ion Ratio Lower Upper

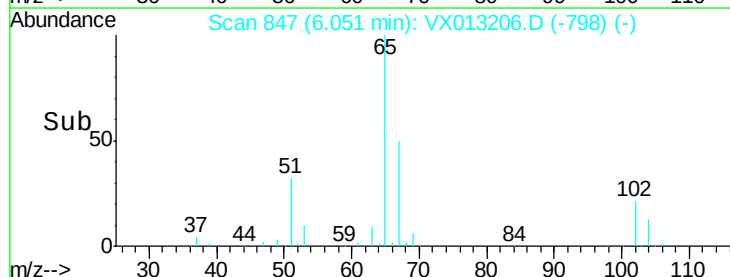
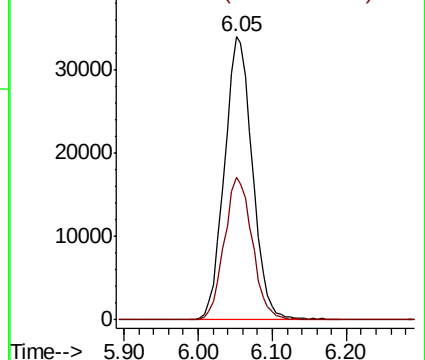
65 100

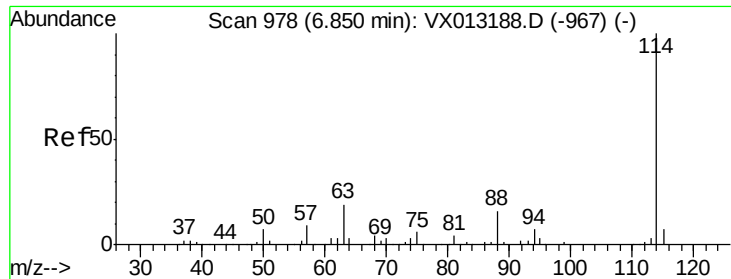
67 50.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

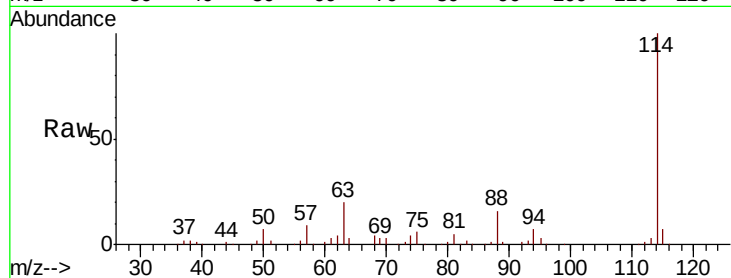




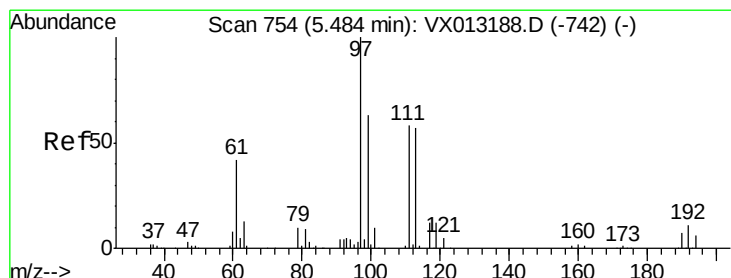
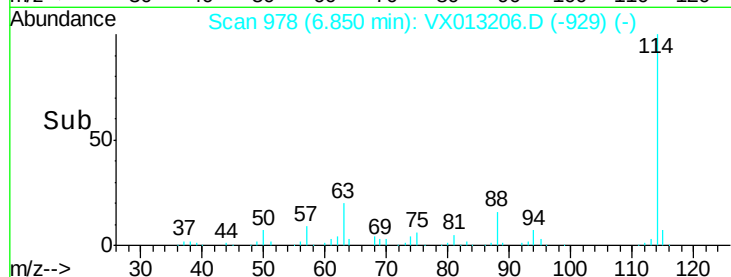
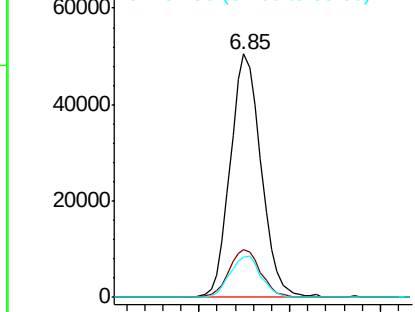
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013206.D
 Acq: 24 Oct 2019 12:50

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW203D1-GW-20191022

Tot Ion:114 Resp: 119420
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 16.3 0.0 32.0

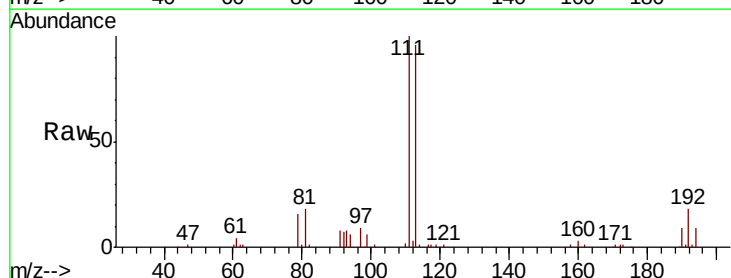


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

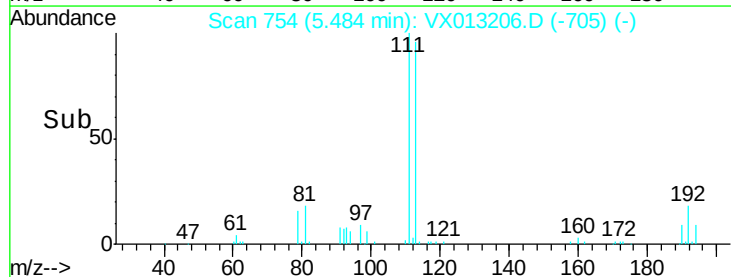
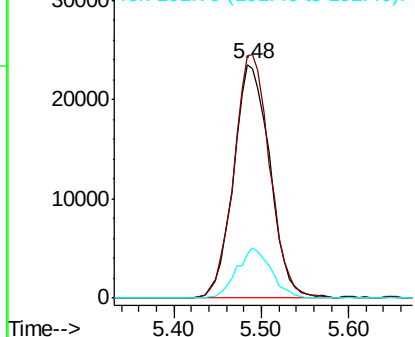


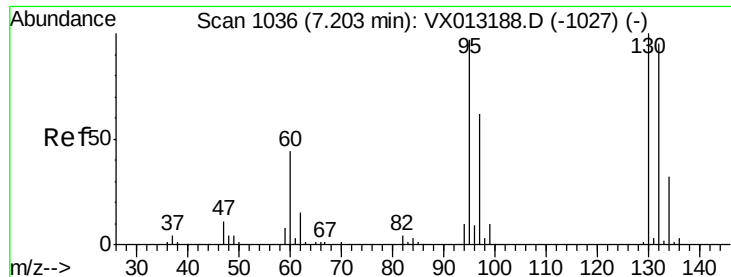
#35
 Dibromofluoromethane
 Concen: 51.080 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX013206.D
 Acq: 24 Oct 2019 12:50

Tgt Ion:113 Resp: 68023
 Ion Ratio Lower Upper
 113 100
 111 103.0 80.3 120.5
 192 20.3 15.9 23.9



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: 5.997 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013206.D

Acq: 24 Oct 2019 12:50

Instrument :

MSVOA_X

ClientSampleId :

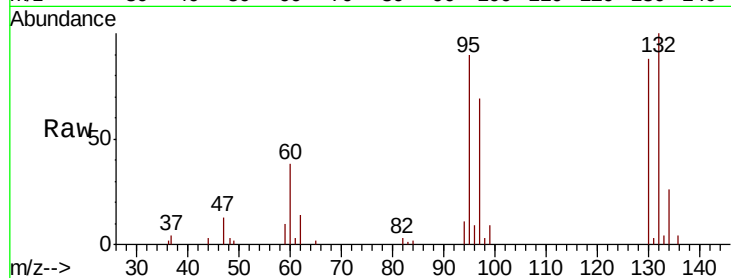
BP-TT-MW203D1-GW-20191022

Tot Ion:130 Resp: 10209

Ion Ratio Lower Upper

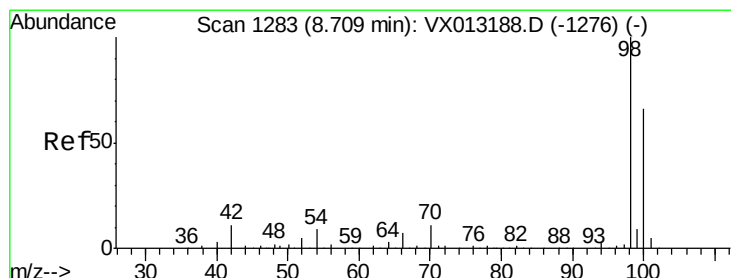
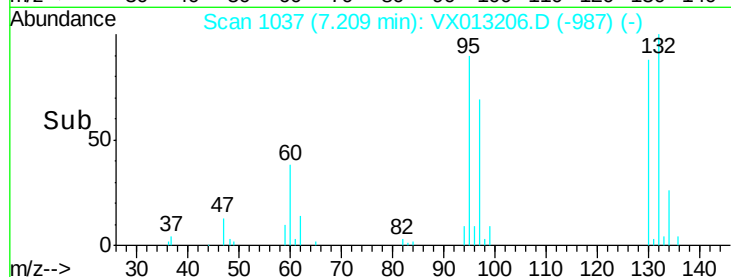
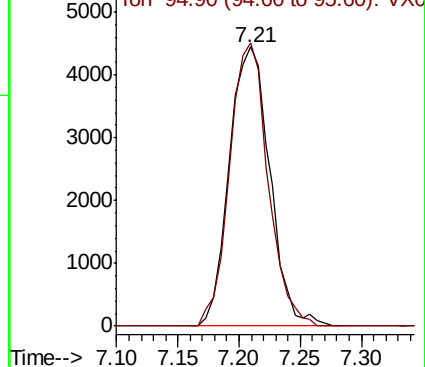
130 100

95 101.5 0.0 193.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.965 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013206.D

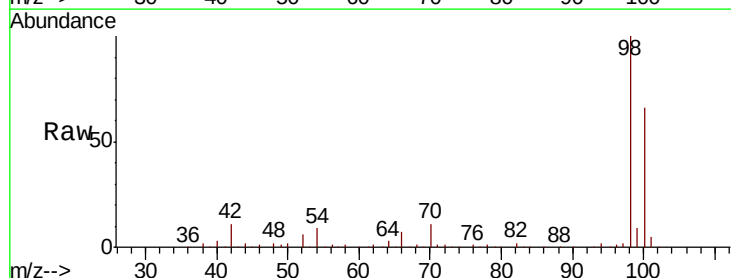
Acq: 24 Oct 2019 12:50

Tgt Ion: 98 Resp: 246585

Ion Ratio Lower Upper

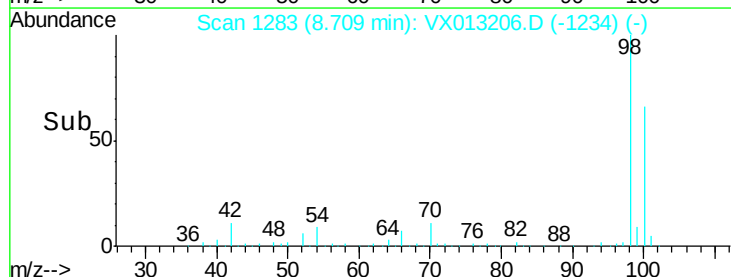
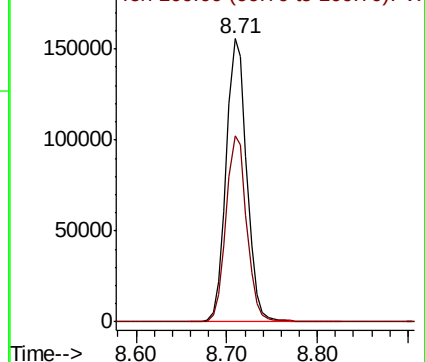
98 100

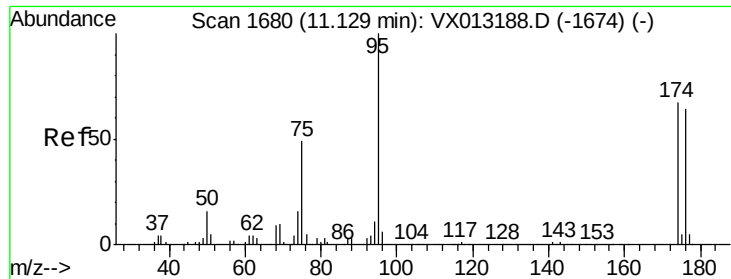
100 66.4 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.044 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013206.D

Acq: 24 Oct 2019 12:50

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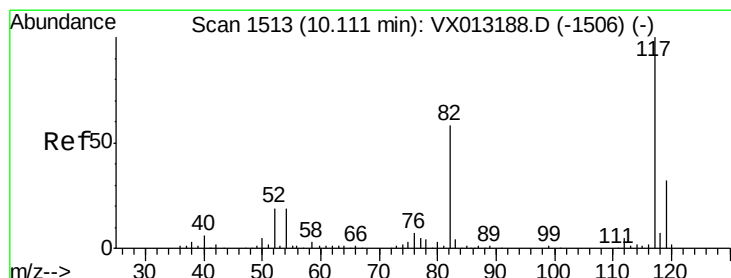
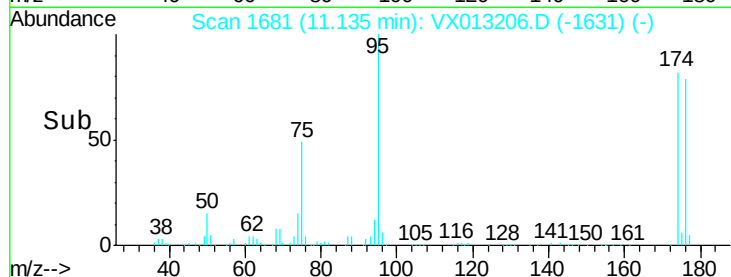
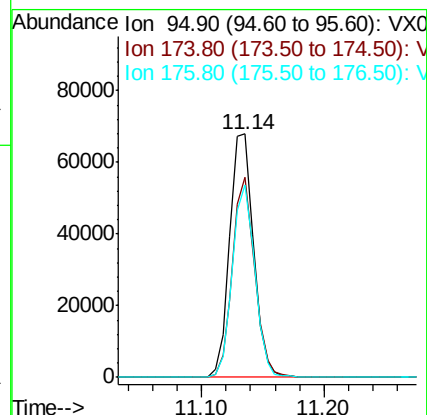
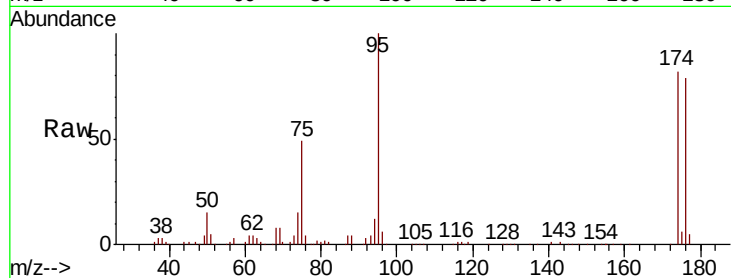
Tot Ion: 95 Resp: 91894

Ion Ratio Lower Upper

95 100

174 76.4 0.0 152.4

176 74.3 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013206.D

Acq: 24 Oct 2019 12:50

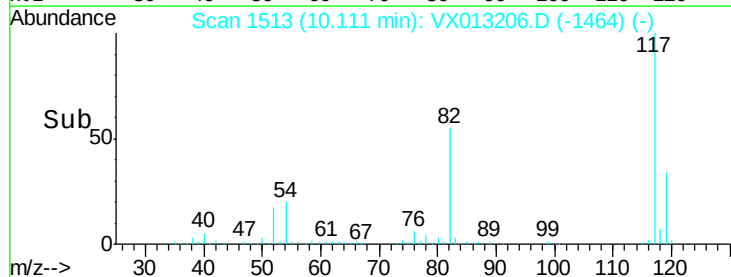
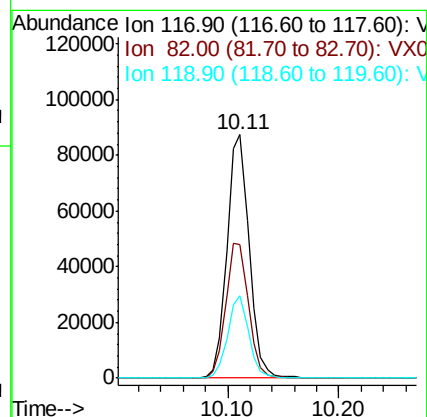
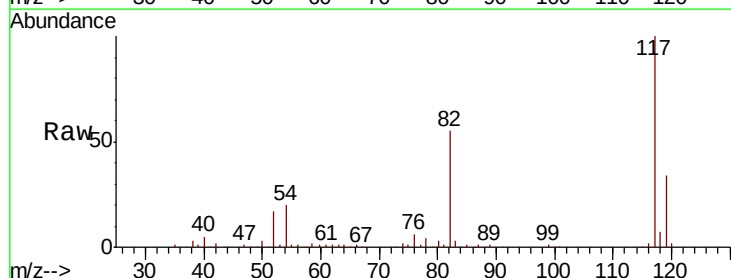
Tgt Ion: 117 Resp: 120389

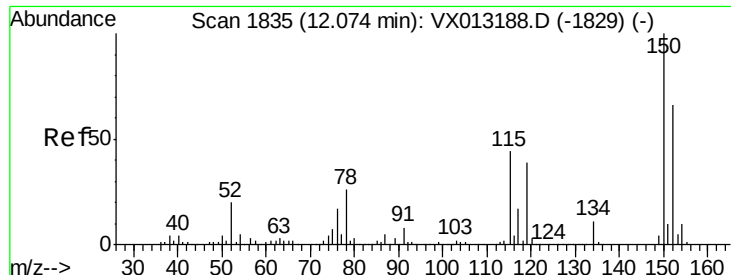
Ion Ratio Lower Upper

117 100

82 55.0 46.5 69.7

119 33.9 25.2 37.8

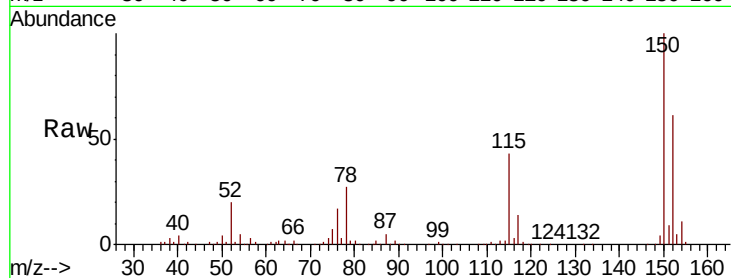




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX013206.D
 Acq: 24 Oct 2019 12:50

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW203D1-GW-20191022

Tot Ion:152 Resp: 75751
 Ion Ratio Lower Upper
 152 100
 115 65.4 46.6 139.8
 150 156.2 0.0 354.0



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

