

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102519\
 Data File : VX013207.D
 Acq On : 24 Oct 2019 13:14
 Operator : JC/SP
 Sample : K5531-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW203D-GW-20191023

Quant Time: Oct 25 03:44:06 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	79057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	116233	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	116103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	71362	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	88262	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
35) Dibromofluoromethane	5.48	113	67194	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
50) Toluene-d8	8.71	98	245588	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
62) 4-Bromofluorobenzene	11.14	95	90148	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	

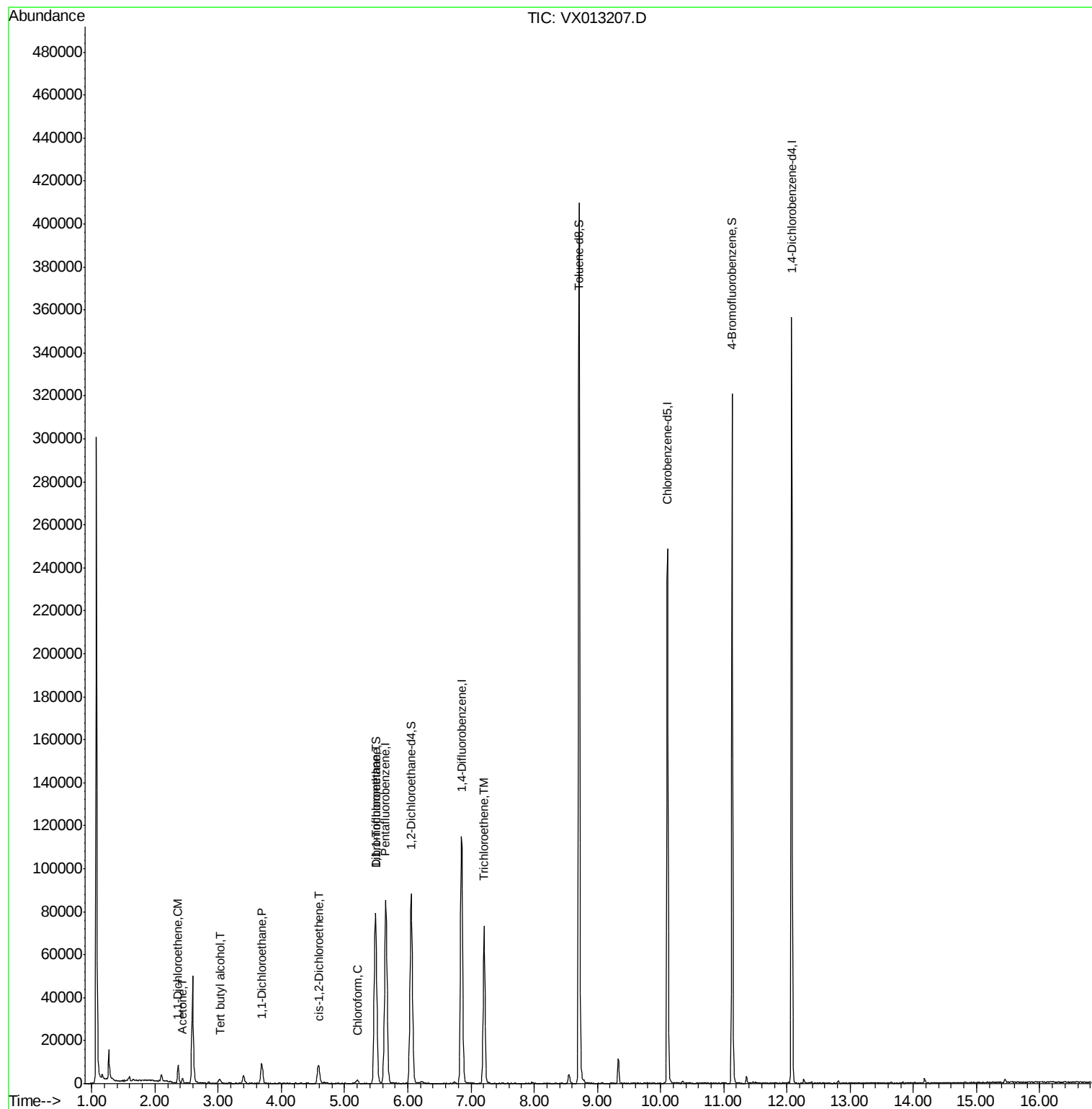
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.03	59	2371	5.571	ug/l #	82
12) 1,1-Dichloroethene	2.37	96	2869	2.130	ug/l	91
16) Acetone	2.43	43	2657	3.411	ug/l	89
24) 1,1-Dichloroethane	3.69	63	10646	4.175	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	5386	3.266	ug/l	92
30) Chloroform	5.20	83	1973	0.727	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	3011	1.247	ug/l	98
44) Trichloroethene	7.21	130	28258	17.054	ug/l	97

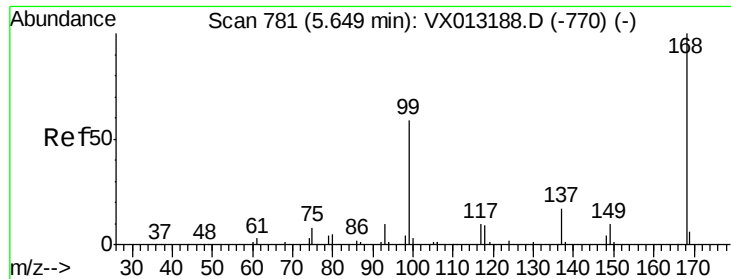
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102519\
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ClientSampleId :
BP-TT-MW203D-GW-20191023

Quant Time: Oct 25 03:44:06 2019
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

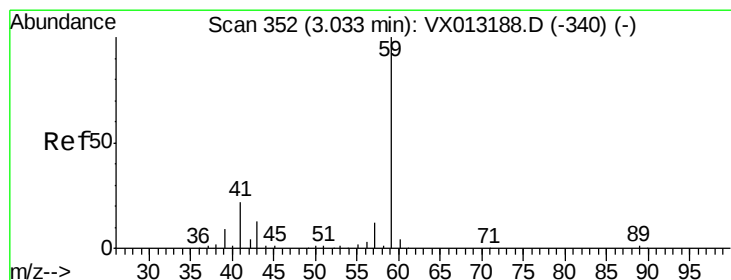
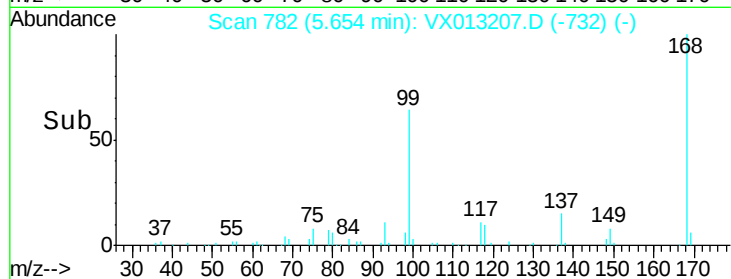
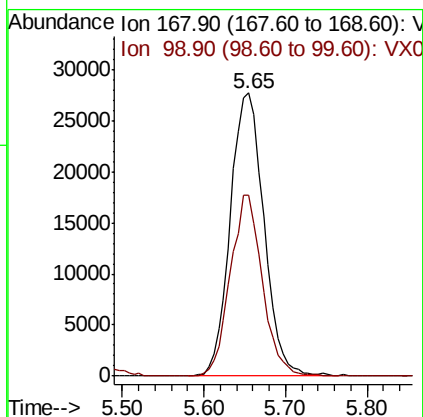
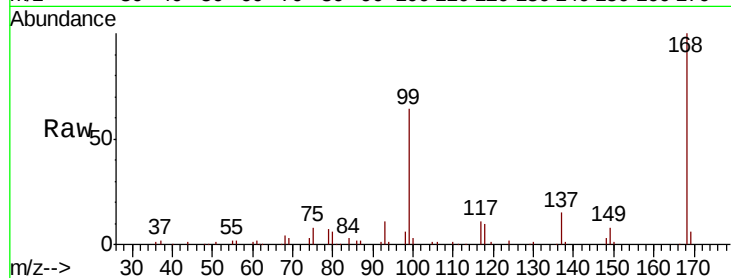




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013207.D
Acq: 24 Oct 2019 13:14

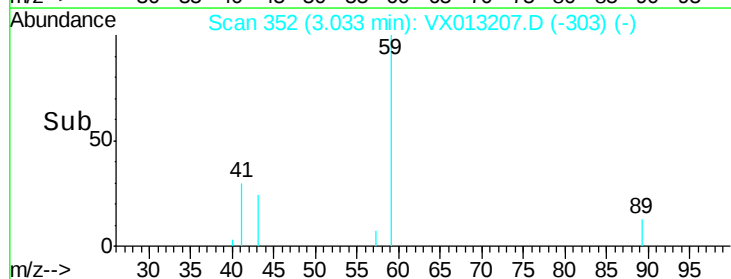
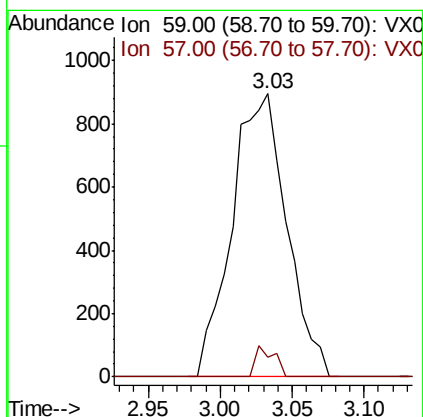
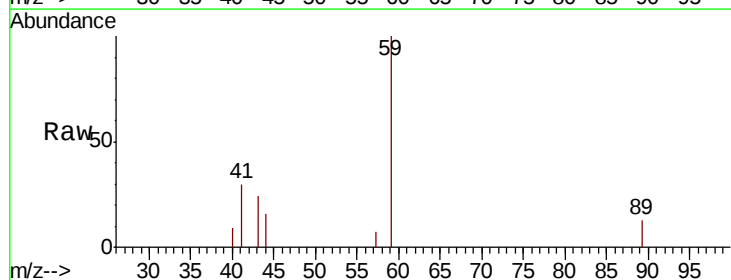
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW203D-GW-20191023

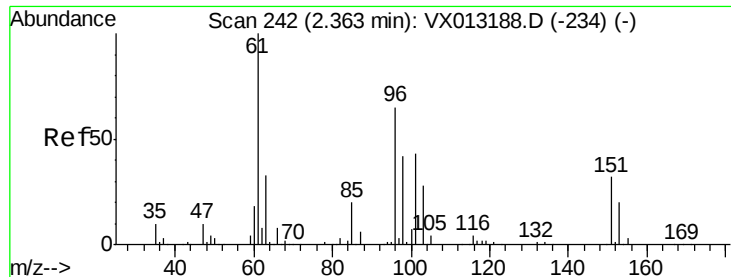
Tot Ion:168 Resp: 79057
Ion Ratio Lower Upper
168 100
99 64.0 47.0 70.4



#11
Tert butyl alcohol
Concen: 5.571 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013207.D
Acq: 24 Oct 2019 13:14

Tgt Ion: 59 Resp: 2371
Ion Ratio Lower Upper
59 100
57 3.6 8.2 12.4#





#12

1,1-Dichloroethene

Concen: 2.130 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX013207.D

Acq: 24 Oct 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW203D-GW-20191023

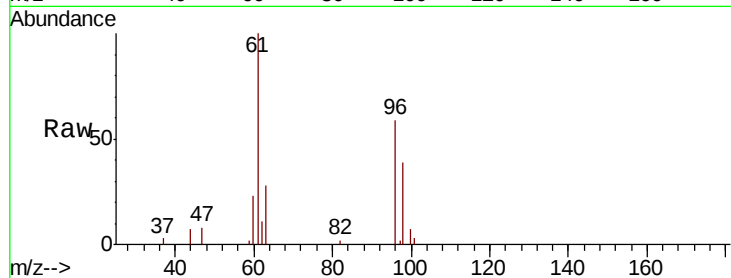
Tot Ion: 96 Resp: 2869

Ion Ratio Lower Upper

96 100

61 170.1 123.8 185.8

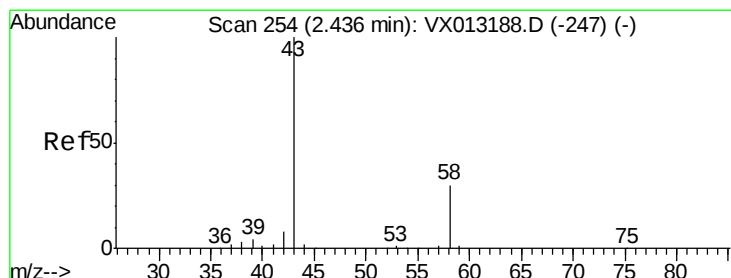
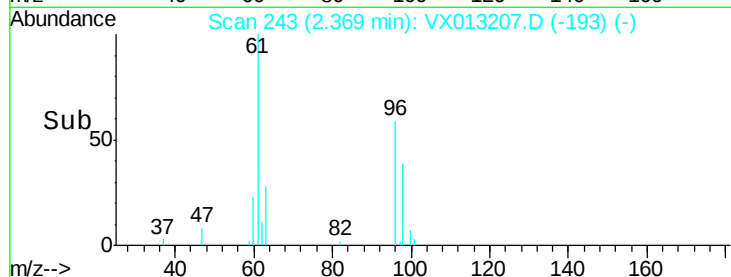
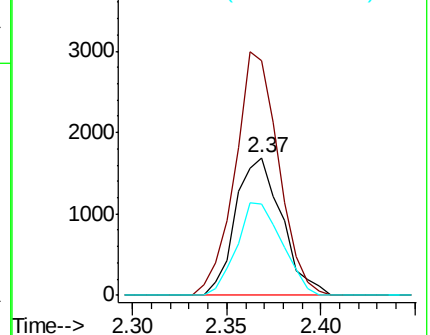
98 65.8 51.6 77.4



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



#16

Acetone

Concen: 3.411 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013207.D

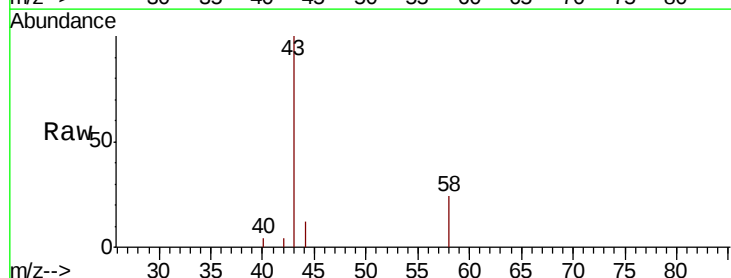
Acq: 24 Oct 2019 13:14

Tgt Ion: 43 Resp: 2657

Ion Ratio Lower Upper

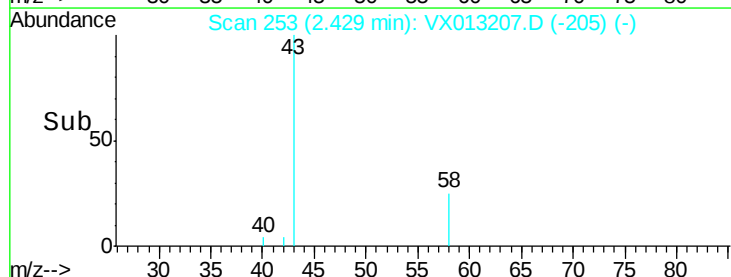
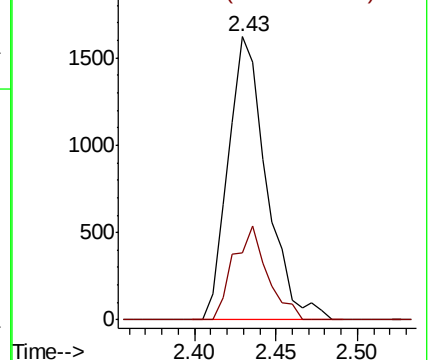
43 100

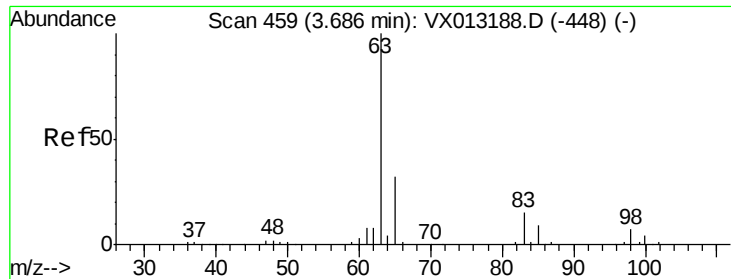
58 23.8 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#24

1,1-Dichloroethane

Concen: 4.175 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013207.D

Acq: 24 Oct 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW203D-GW-20191023

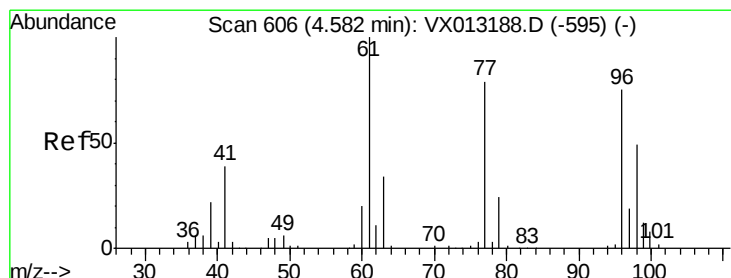
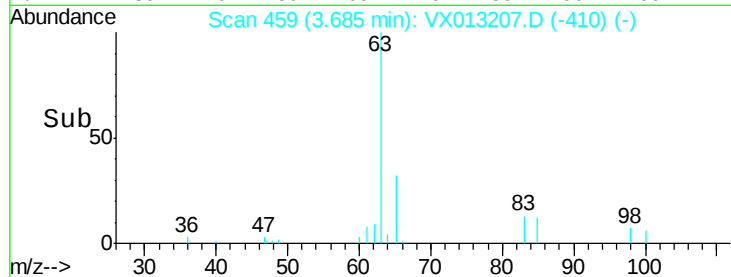
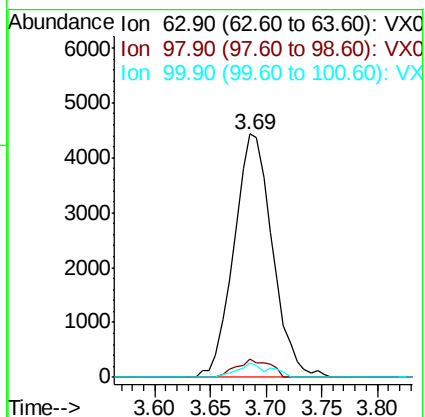
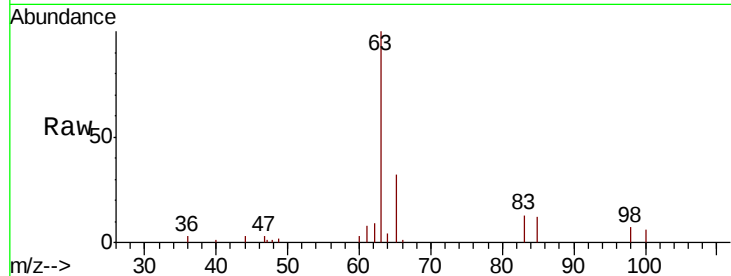
Tot Ion: 63 Resp: 10646

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

100 5.9 2.2 6.6



#27

cis-1,2-Dichloroethene

Concen: 3.266 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX013207.D

Acq: 24 Oct 2019 13:14

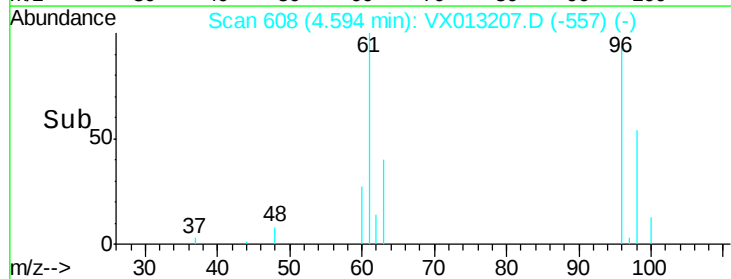
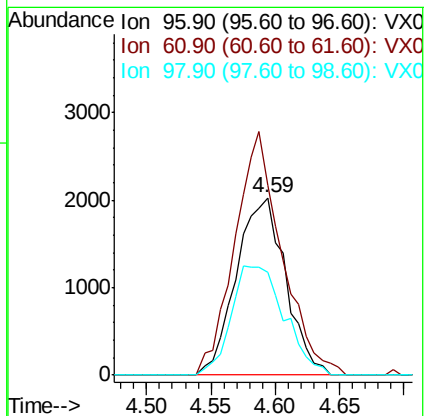
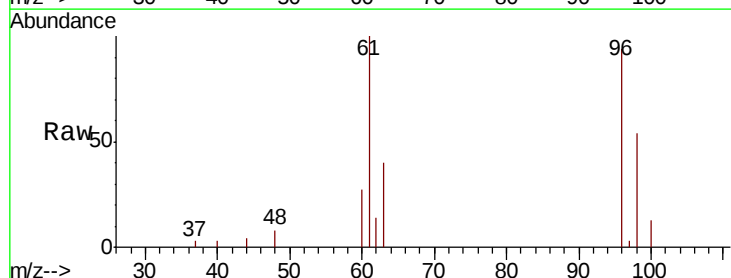
Tgt Ion: 96 Resp: 5386

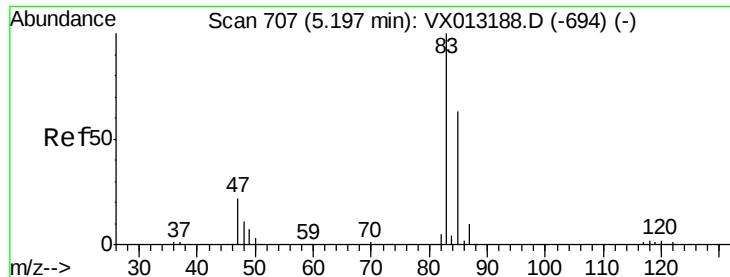
Ion Ratio Lower Upper

96 100

61 131.0 0.0 290.4

98 65.9 0.0 130.4

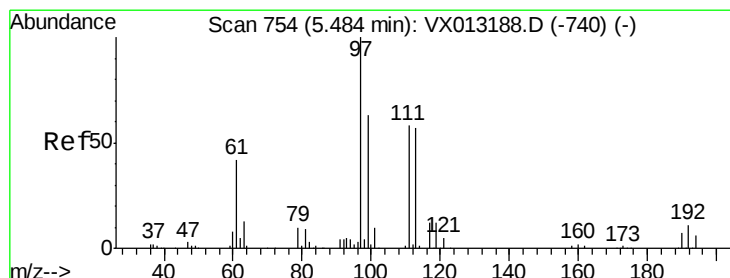
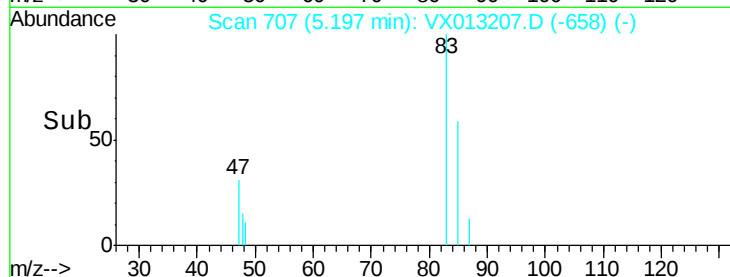
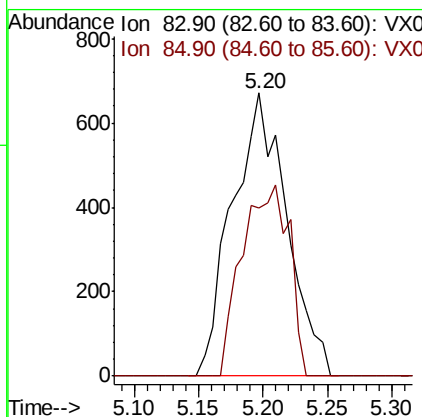
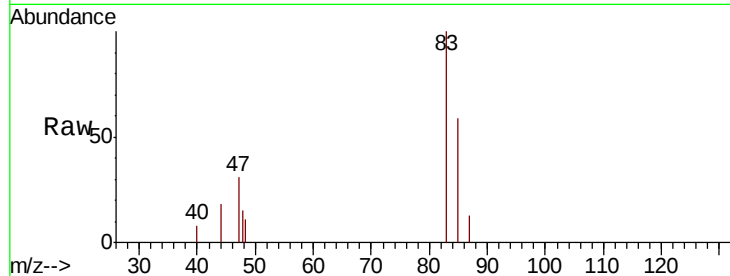




#30
 Chloroform
 Concen: 0.727 ug/l
 RT: 5.20 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VX013207.D
 Acq: 24 Oct 2019 13:14

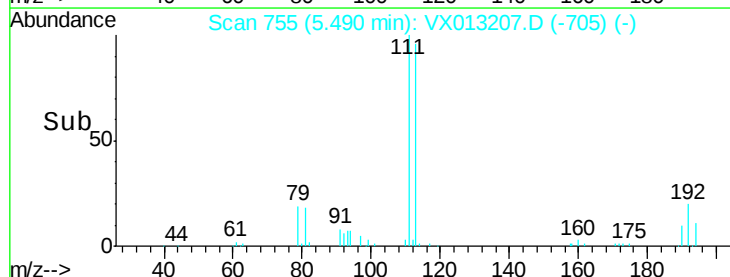
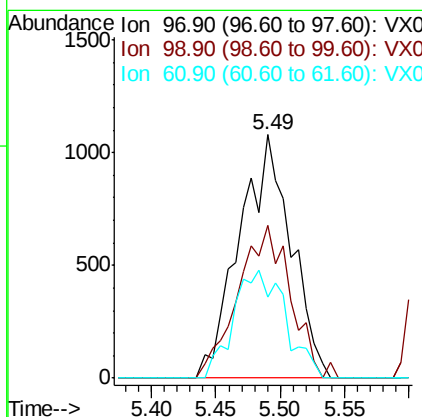
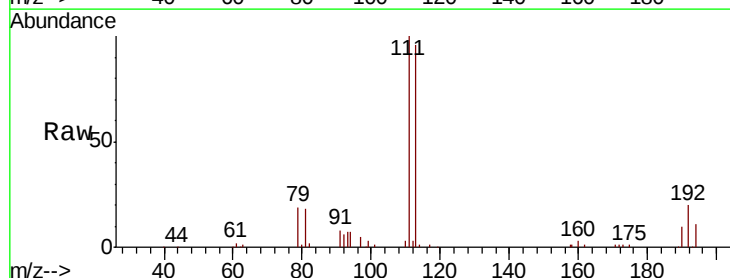
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW203D-GW-20191023

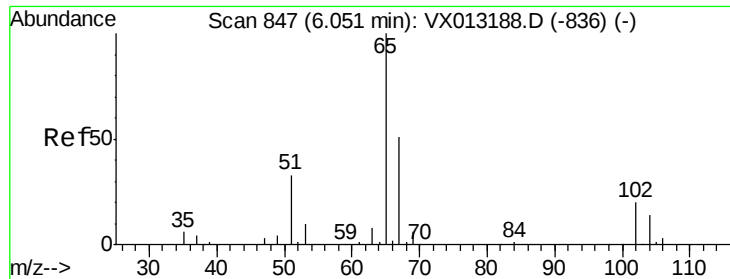
Tot Ion: 83 Resp: 1973
 Ion Ratio Lower Upper
 83 100
 85 59.3 50.1 75.1



#32
 1,1,1-Trichloroethane
 Concen: 1.247 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX013207.D
 Acq: 24 Oct 2019 13:14

Tgt Ion: 97 Resp: 3011
 Ion Ratio Lower Upper
 97 100
 99 63.8 50.8 76.2
 61 44.4 32.8 49.2

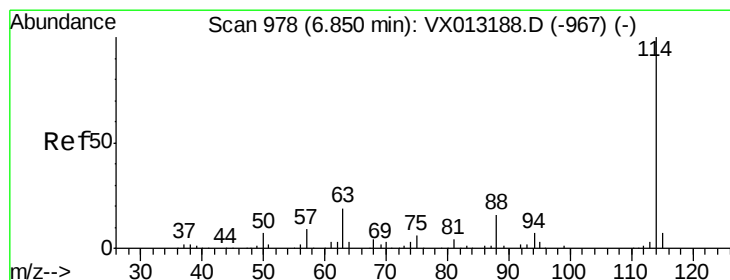
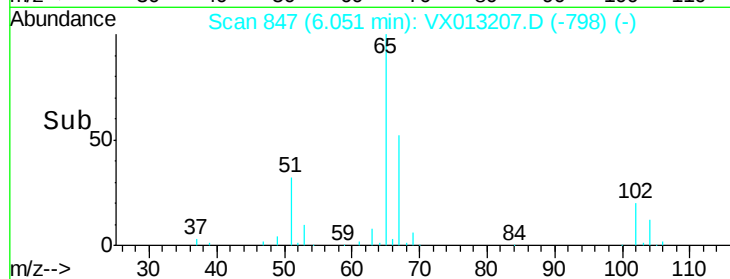
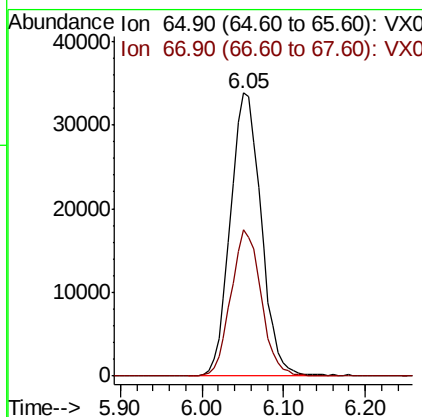
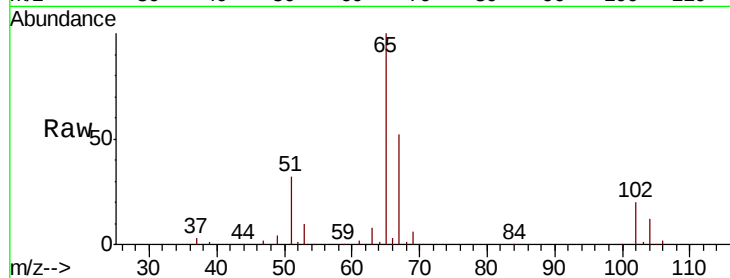




#33
 1,2-Dichloroethane-d4
 Concen: 53.378 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013207.D
 Acq: 24 Oct 2019 13:14

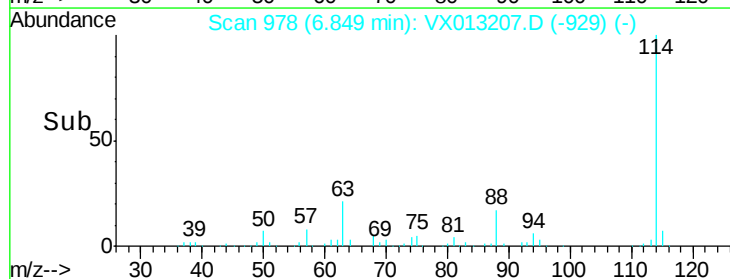
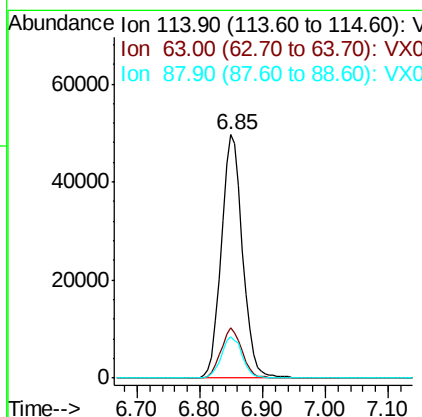
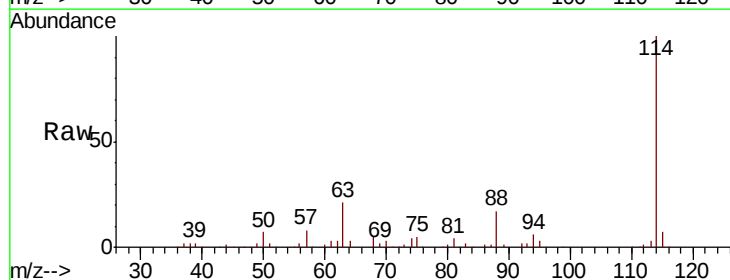
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW203D-GW-20191023

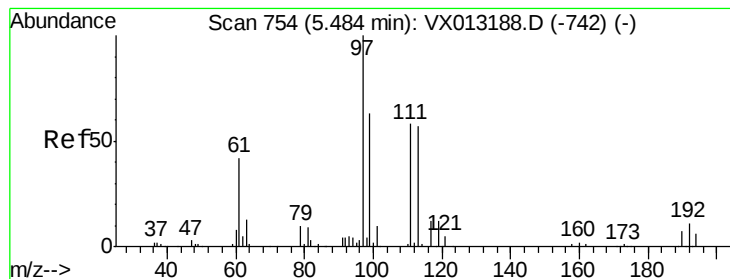
Tot Ion: 65 Resp: 88262
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013207.D
 Acq: 24 Oct 2019 13:14

Tgt Ion: 114 Resp: 116233
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.0
 88 17.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.841 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013207.D

Acq: 24 Oct 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW203D-GW-20191023

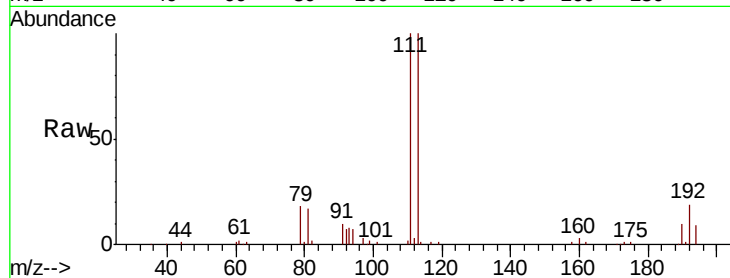
Tot Ion:113 Resp: 67194

Ion Ratio Lower Upper

113 100

111 102.5 80.3 120.5

192 20.5 15.9 23.9

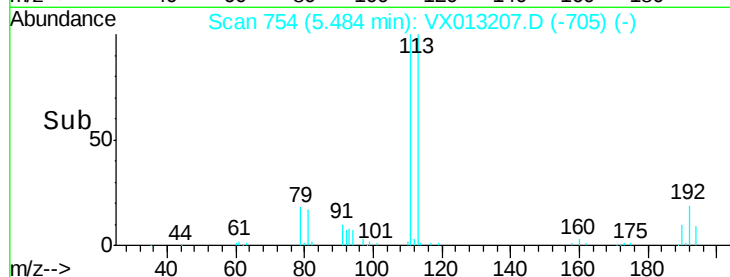


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

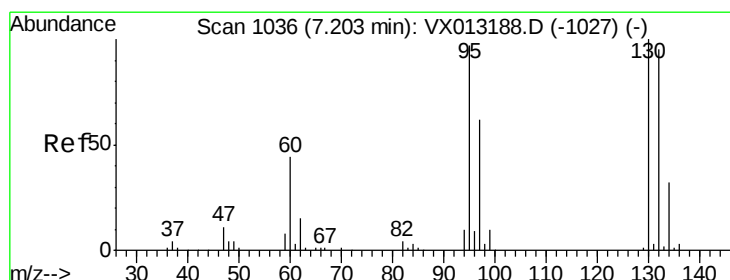
Ion 191.70 (191.40 to 192.40): V

Time-->



5.48

Time-->



#44

Trichloroethene

Concen: 17.054 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013207.D

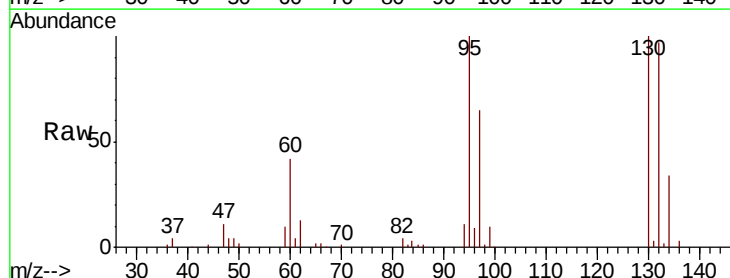
Acq: 24 Oct 2019 13:14

Tgt Ion:130 Resp: 28258

Ion Ratio Lower Upper

130 100

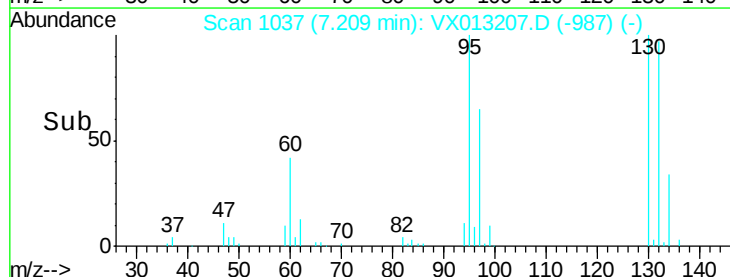
95 100.0 0.0 193.6



Abundance Ion 129.80 (129.50 to 130.50): V

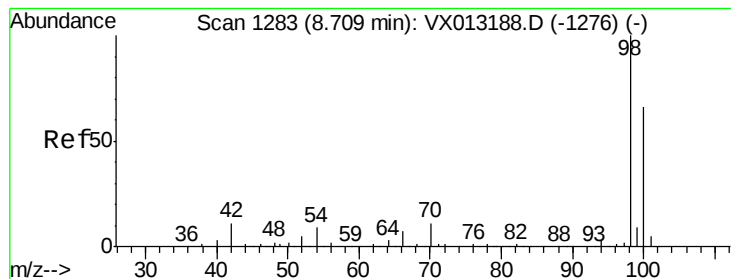
Ion 94.90 (94.60 to 95.60): V

Time-->



7.21

Time-->



#50

Toluene-d8

Concen: 51.127 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013207.D

Acq: 24 Oct 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

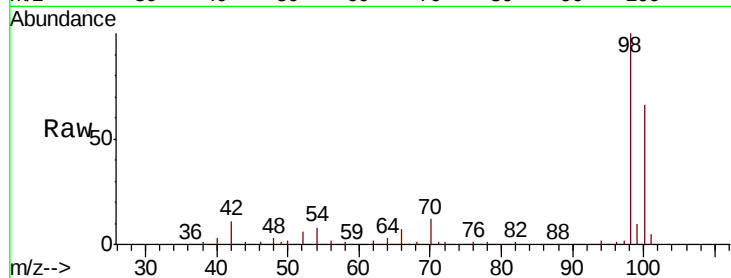
BP-TT-MW203D-GW-20191023

Tot Ion: 98 Resp: 245588

Ion Ratio Lower Upper

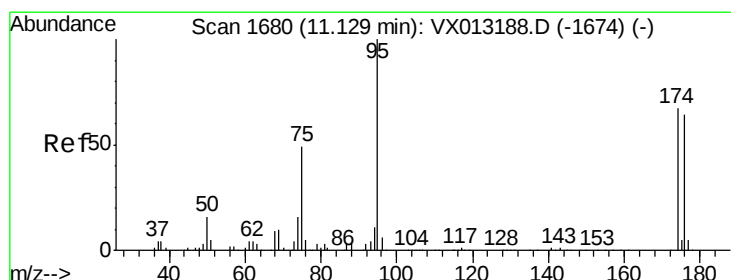
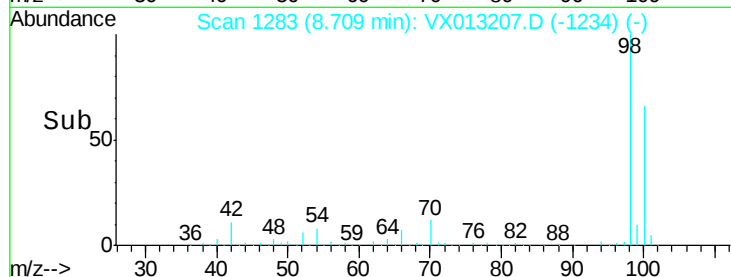
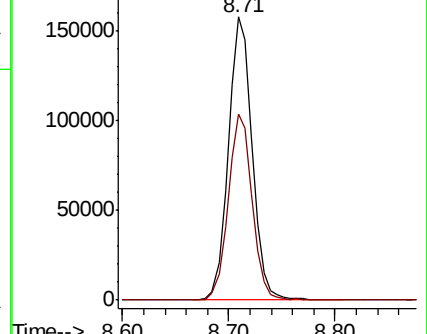
98 100

100 66.3 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: 47.416 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013207.D

Acq: 24 Oct 2019 13:14

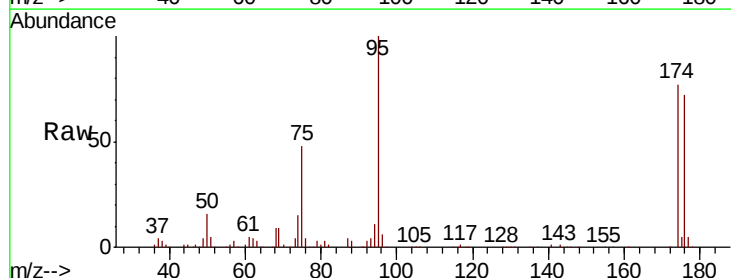
Tgt Ion: 95 Resp: 90148

Ion Ratio Lower Upper

95 100

174 76.3 0.0 152.4

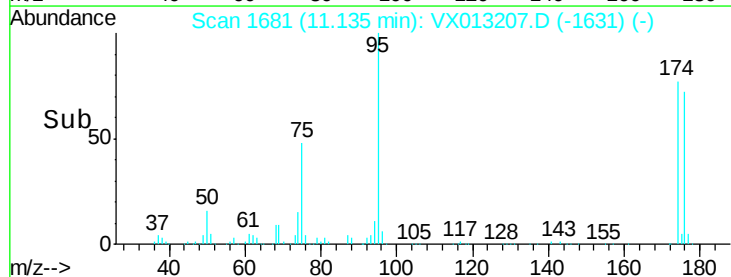
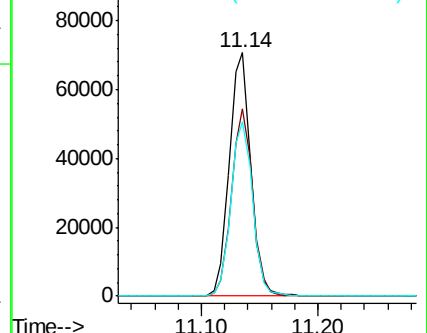
176 72.7 0.0 146.0

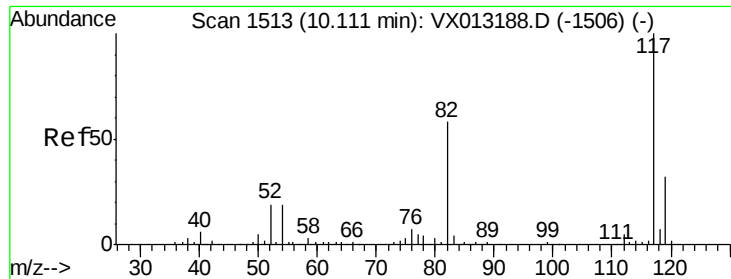


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

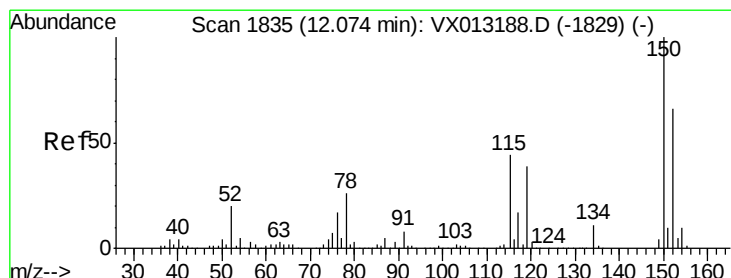
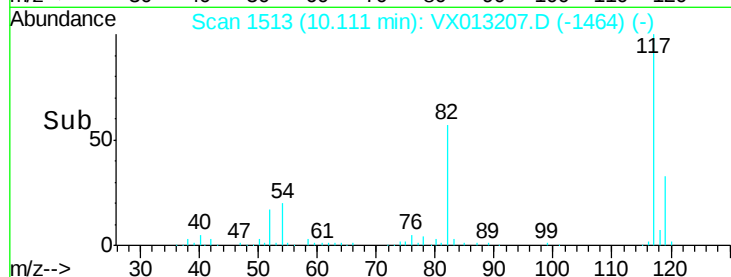
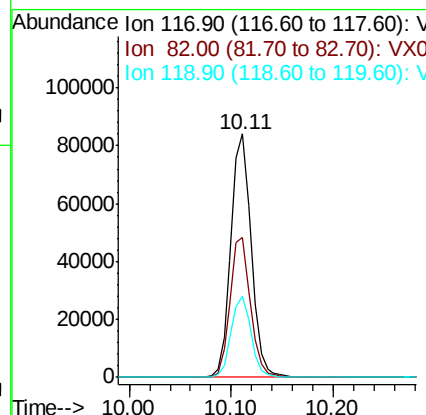
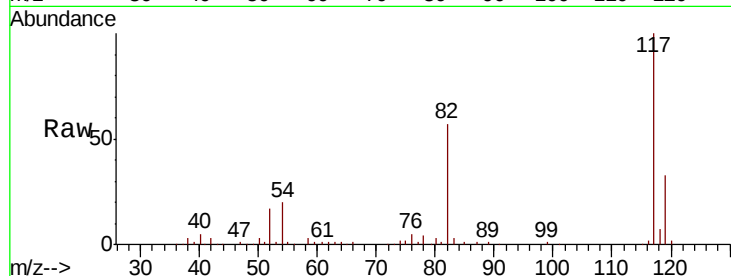




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013207.D
Acq: 24 Oct 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW203D-GW-20191023

Tot Ion:117 Resp: 116103
Ion Ratio Lower Upper
117 100
82 57.4 46.5 69.7
119 33.2 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: VX013207.D
Acq: 24 Oct 2019 13:14

Tgt Ion:152 Resp: 71362
Ion Ratio Lower Upper
152 100
115 61.9 46.6 139.8
150 155.9 0.0 354.0

