

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060819\
 Data File : VX010154.D
 Acq On : 08 Jun 2019 21:23
 Operator : JC/SP
 Sample : K3249-06 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW305S-20190606

Quant Time: Jun 10 08:04:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	273285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	415144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	382386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	180162	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	122737	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
35) Dibromofluoromethane	5.49	113	127905	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
50) Toluene-d8	8.71	98	490188	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	11.13	95	174400	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	

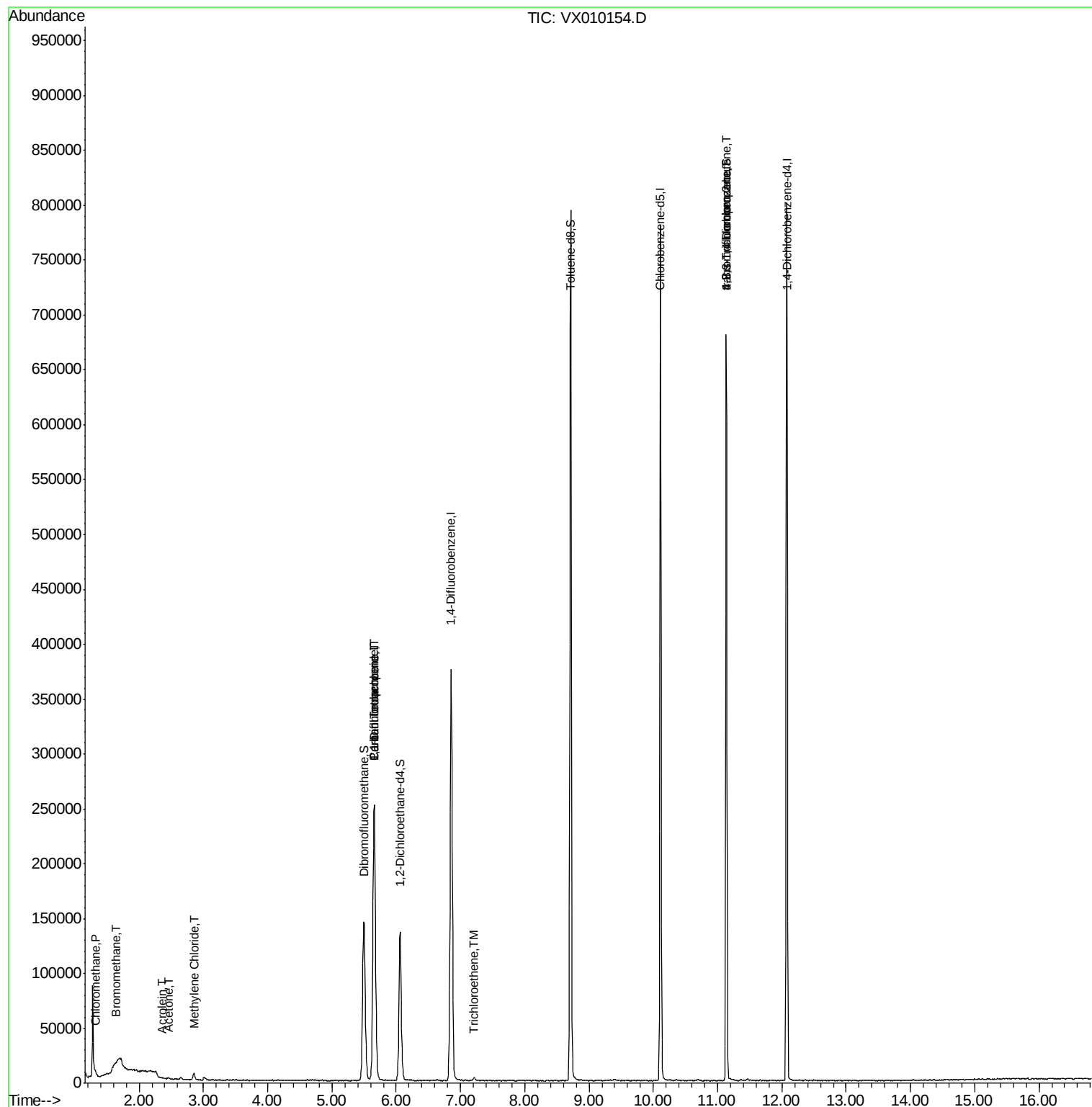
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	530	0.212	ug/l #	56
5) Bromomethane	1.64	94	398	0.449	ug/l #	40
13) Acrolein	2.35	56	101	0.848	ug/l #	14
16) Acetone	2.45	43	1270	1.012	ug/l	94
20) Methylene Chloride	2.85	84	3042	1.104	ug/l #	70
36) 1,1-Dichloropropene	5.65	75	16435	4.852	ug/l #	52
38) Carbon Tetrachloride	5.66	117	23427	6.111	ug/l #	16
44) Trichloroethene	7.21	130	1220	0.386	ug/l	64
76) 1,2,3-Trichloropropane	11.13	75	77580	21.529	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	77580	47.566	ug/l #	10

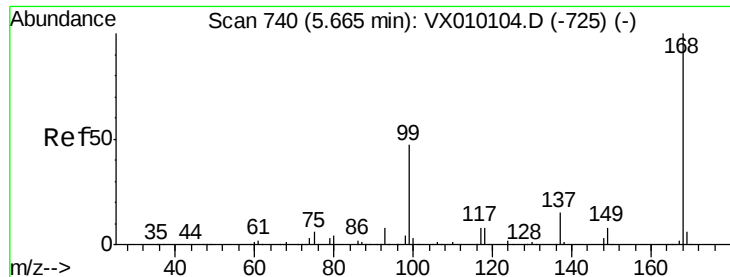
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX060819\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010154.D

Acq: 08 Jun 2019 21:23

Instrument :

MSVOA_X

ClientSampleId :

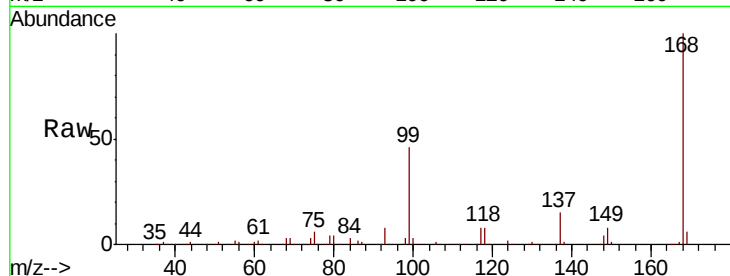
BPS1-TT-MW305S-20190606

Tgt Ion:168 Resp: 273285

Ion Ratio Lower Upper

168 100

99 46.1 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

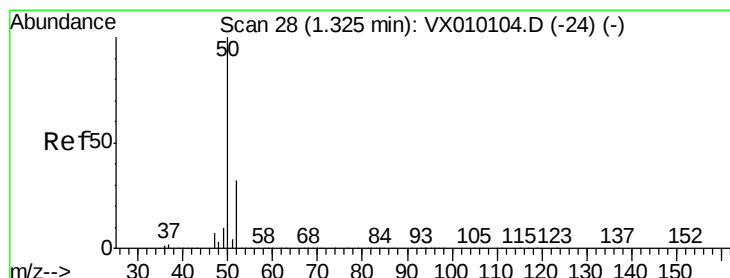
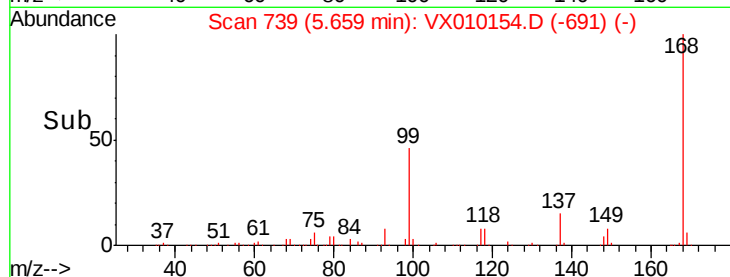
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#3

Chloromethane

Concen: 0.212 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010154.D

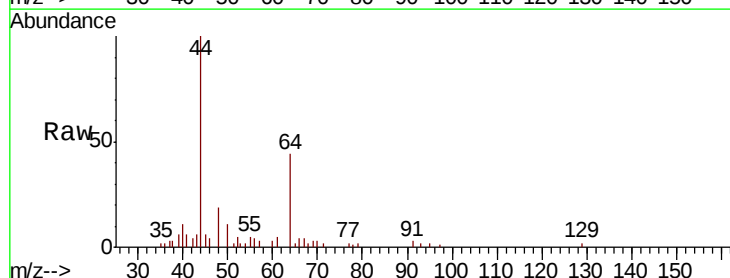
Acq: 08 Jun 2019 21:23

Tgt Ion: 50 Resp: 530

Ion Ratio Lower Upper

50 100

52 57.1 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

400

300

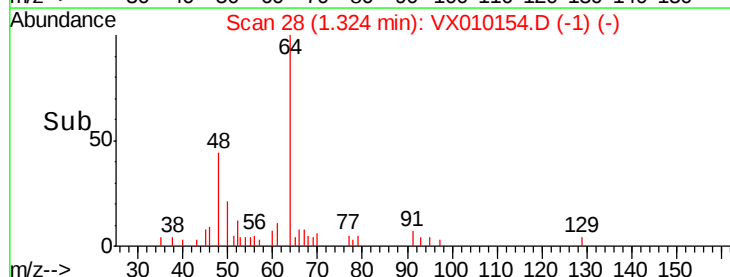
200

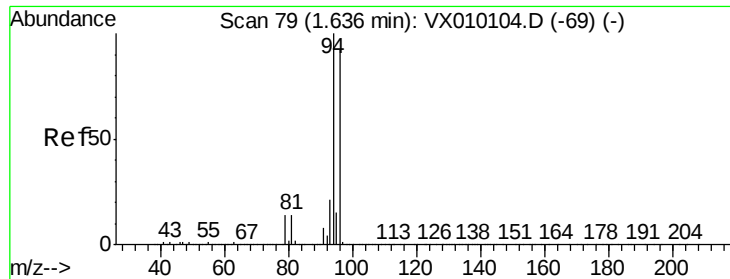
100

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 0.449 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010154.D

Acq: 08 Jun 2019 21:23

Instrument :

MSVOA_X

ClientSampleId :

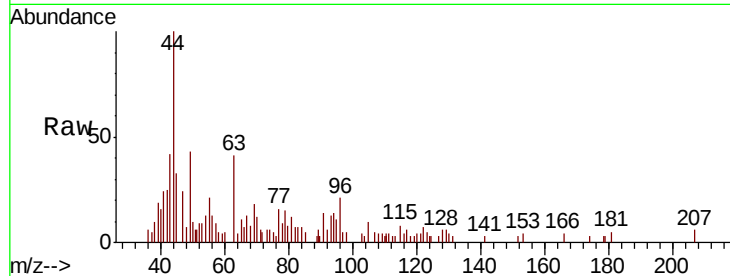
BPS1-TT-MW305S-20190606

Tgt Ion: 94 Resp: 398

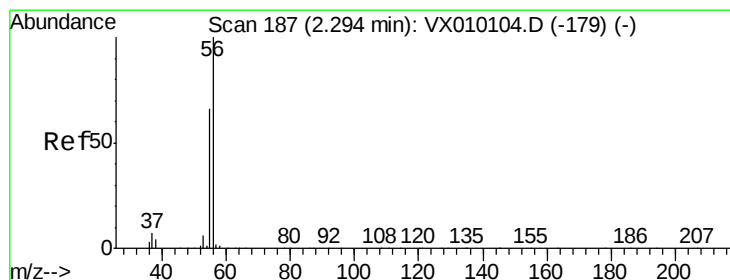
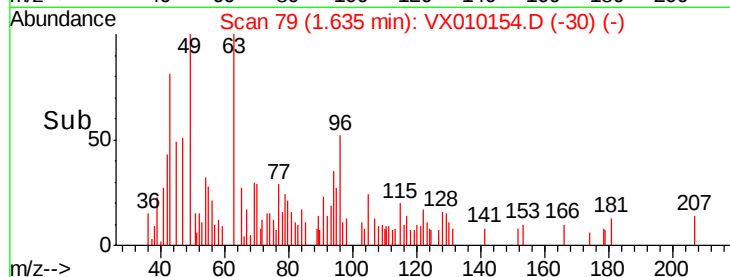
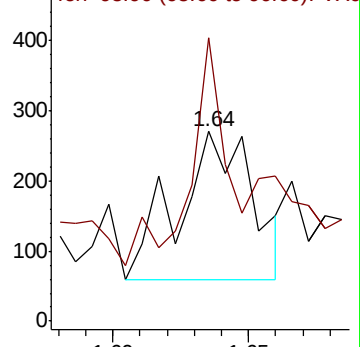
Ion Ratio Lower Upper

94 100

96 153.8 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0



#13

Acrolein

Concen: 0.848 ug/l

RT: 2.35 min Scan# 197

Delta R.T. 0.06 min

Lab File: VX010154.D

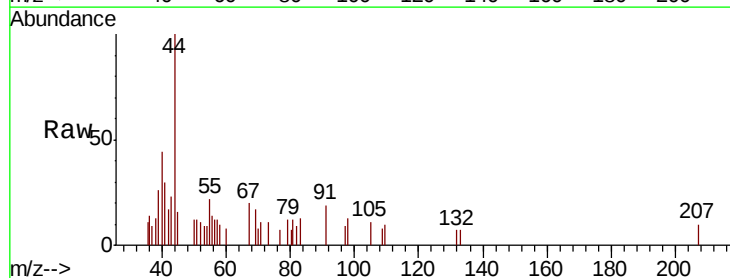
Acq: 08 Jun 2019 21:23

Tgt Ion: 56 Resp: 101

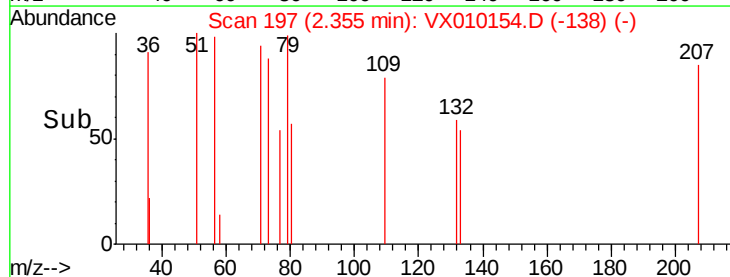
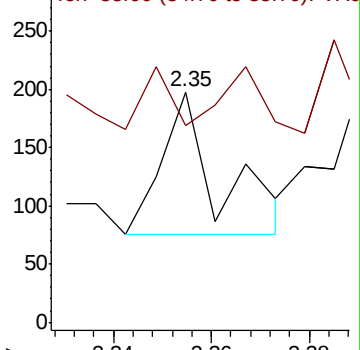
Ion Ratio Lower Upper

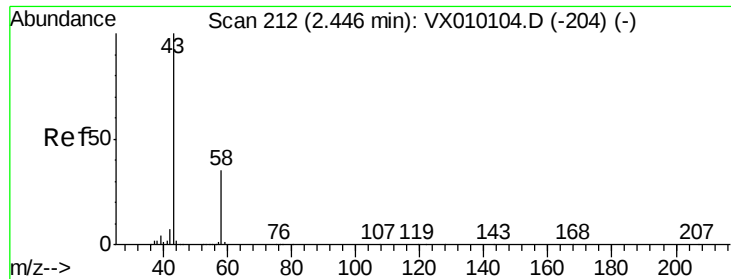
56 100

55 0.0 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

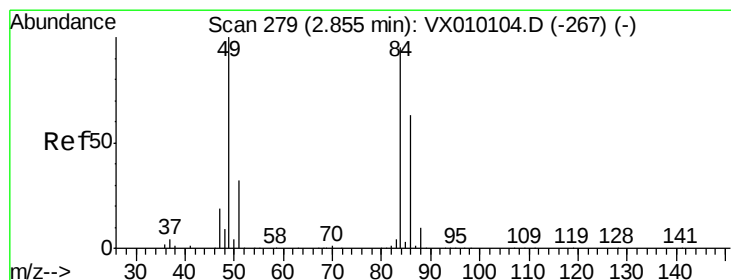
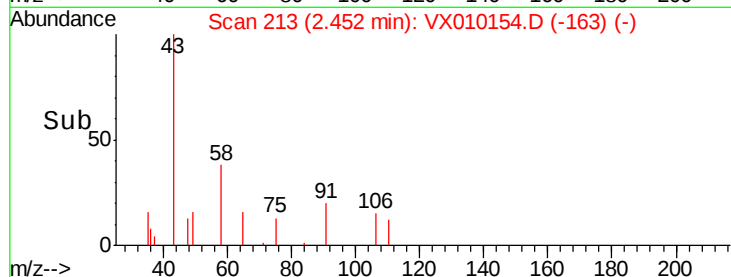
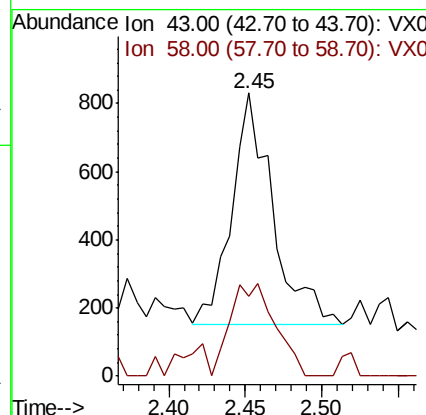
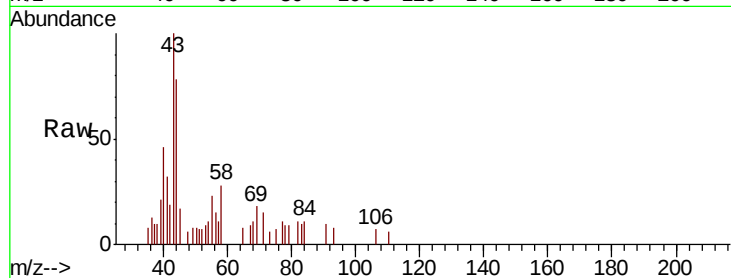




#16
Acetone
Concen: 1.012 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX010154.D
Acq: 08 Jun 2019 21:23

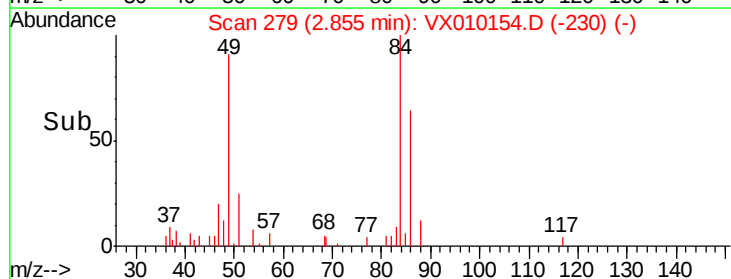
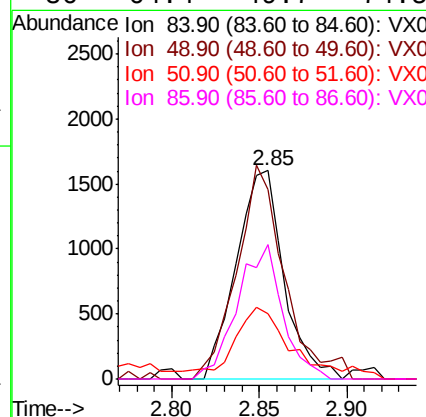
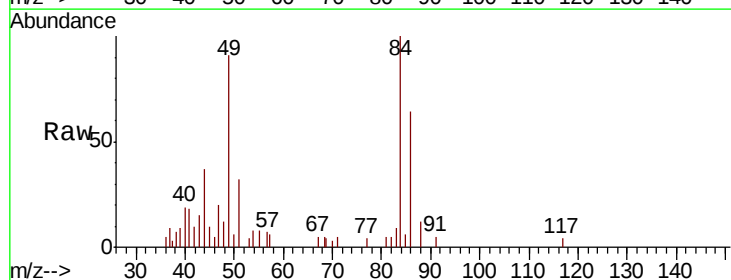
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW305S-20190606

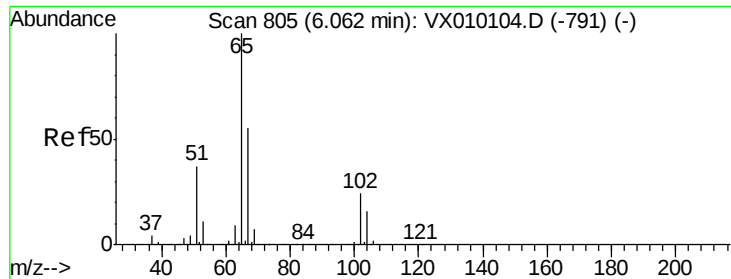
Tgt Ion: 43 Resp: 1270
Ion Ratio Lower Upper
43 100
58 25.9 23.2 34.8



#20
Methylene Chloride
Concen: 1.104 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010154.D
Acq: 08 Jun 2019 21:23

Tgt Ion: 84 Resp: 3042
Ion Ratio Lower Upper
84 100
49 91.1 115.8 173.6#
51 27.8 34.4 51.6#
86 64.4 49.7 74.5





#33

1,2-Dichloroethane-d4

Concen: 46.011 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010154.D

Acq: 08 Jun 2019 21:23

Instrument :

MSVOA_X

ClientSampleId :

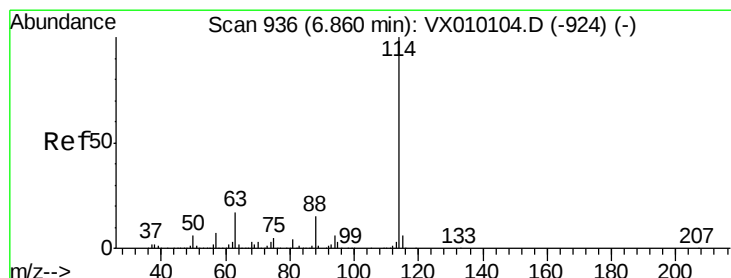
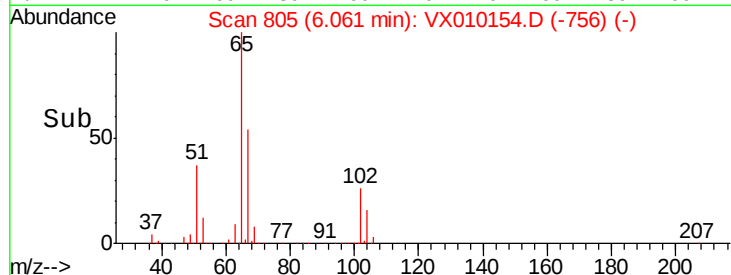
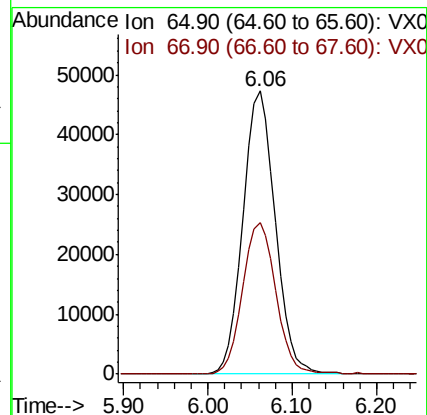
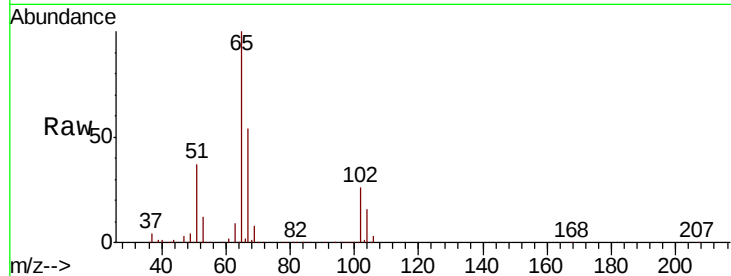
BPS1-TT-MW305S-20190606

Tgt Ion: 65 Resp: 122737

Ion Ratio Lower Upper

65 100

67 54.6 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010154.D

Acq: 08 Jun 2019 21:23

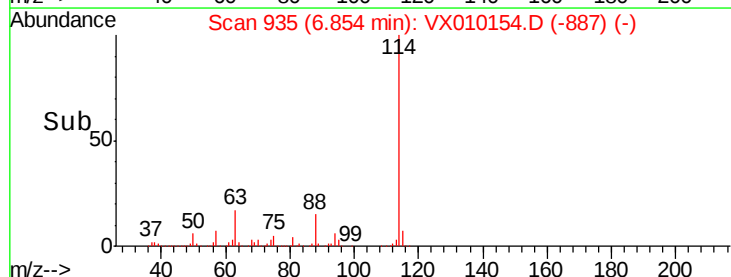
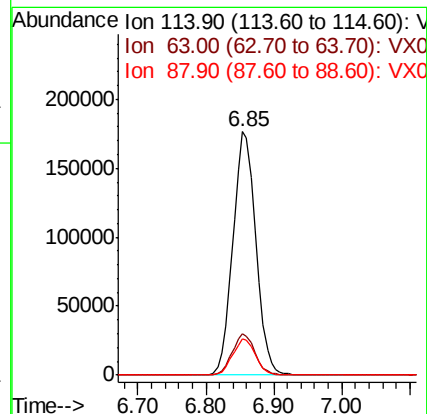
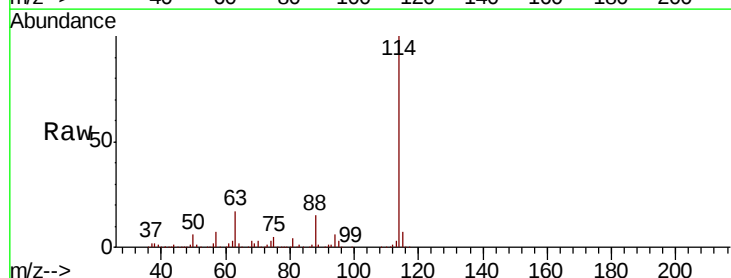
Tgt Ion: 114 Resp: 415144

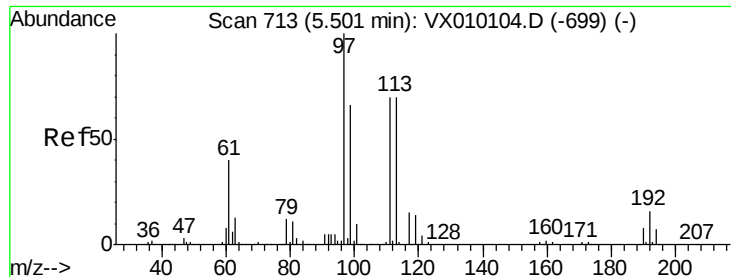
Ion Ratio Lower Upper

114 100

63 16.8 0.0 47.4

88 15.0 0.0 33.0

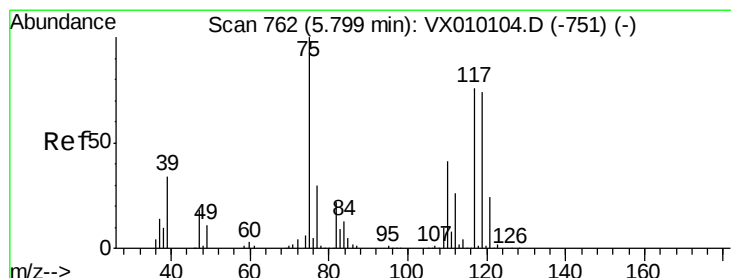
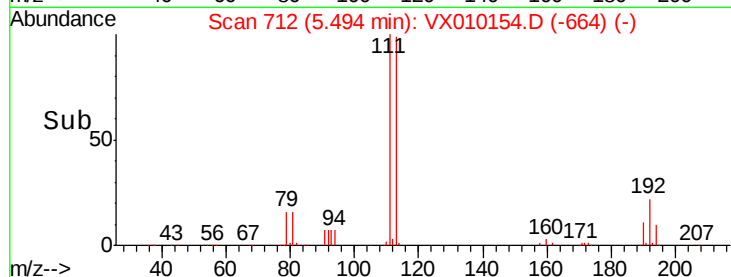
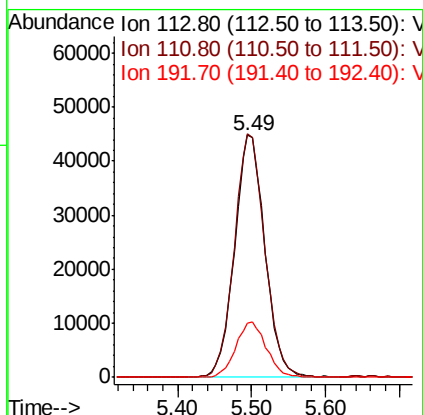
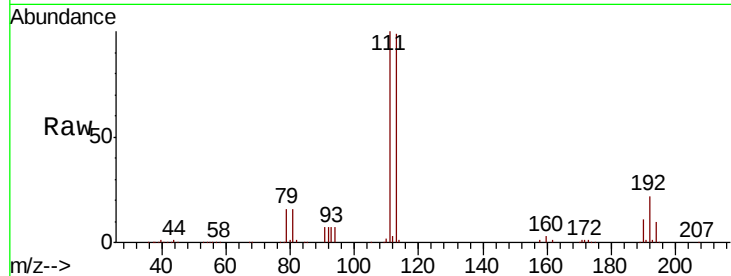




#35
Dibromofluoromethane
Concen: 49.949 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010154.D
Acq: 08 Jun 2019 21:23

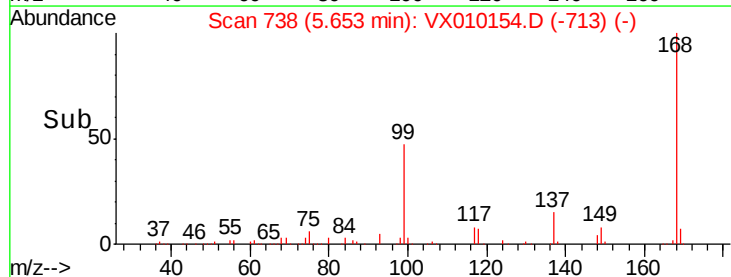
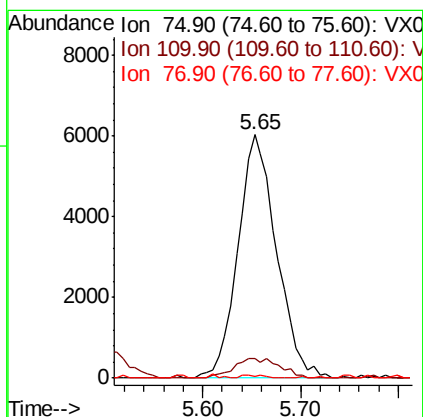
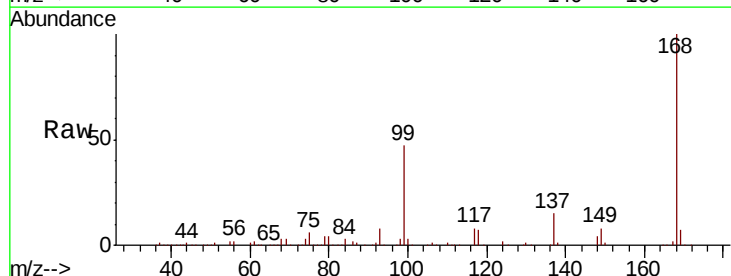
Instrument :
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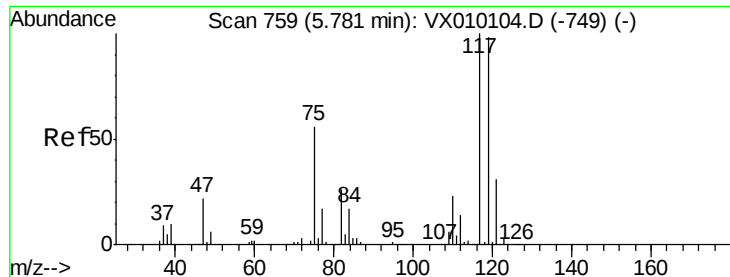
Tgt Ion:113 Resp: 127905
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.2
192 22.9 17.1 25.7



#36
1,1-Dichloropropene
Concen: 4.852 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.15 min
Lab File: VX010154.D
Acq: 08 Jun 2019 21:23

Tgt Ion: 75 Resp: 16435
Ion Ratio Lower Upper
75 100
110 9.5 16.7 50.1#
77 0.7 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.111 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX010154.D

Acq: 08 Jun 2019 21:23

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305S-20190606

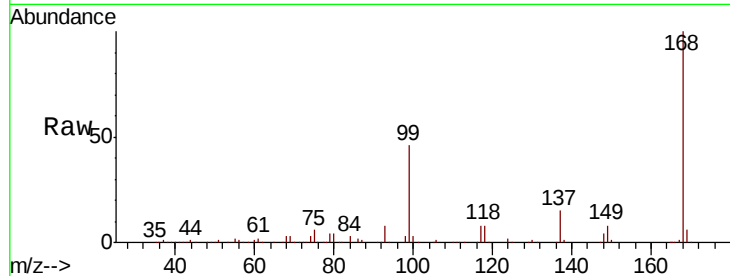
Tgt Ion:117 Resp: 23427

Ion Ratio Lower Upper

117 100

119 5.4 77.3 115.9#

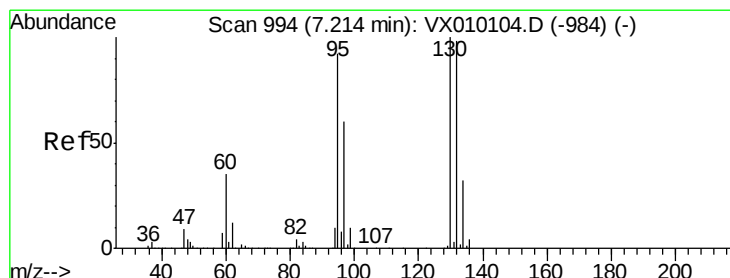
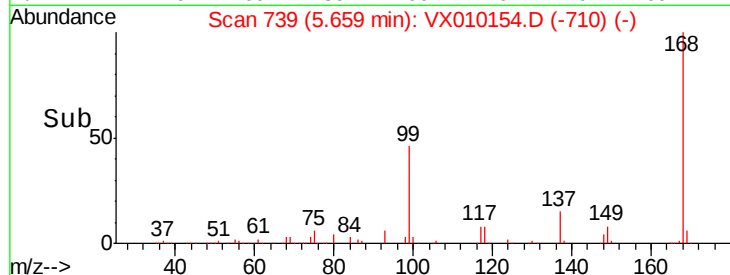
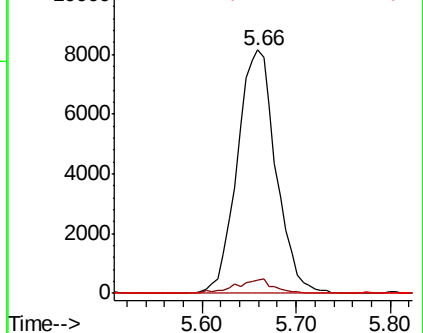
121 0.0 25.4 38.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 0.386 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010154.D

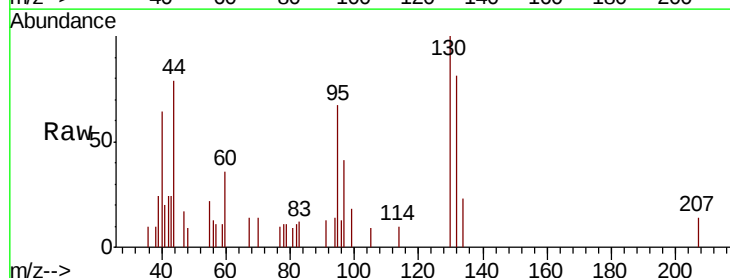
Acq: 08 Jun 2019 21:23

Tgt Ion:130 Resp: 1220

Ion Ratio Lower Upper

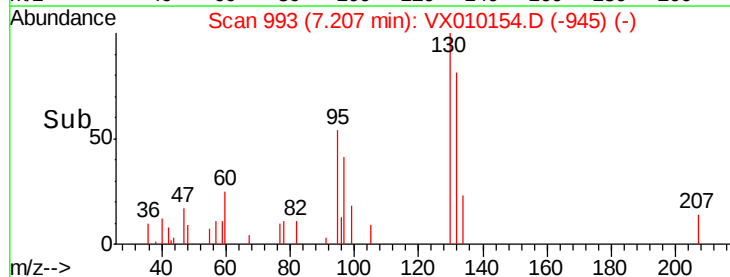
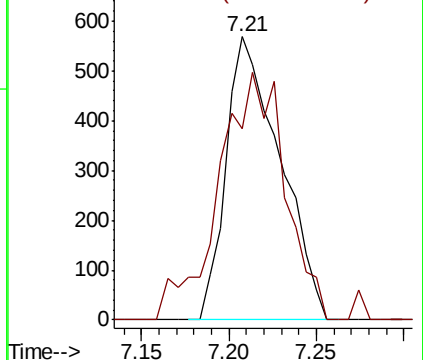
130 100

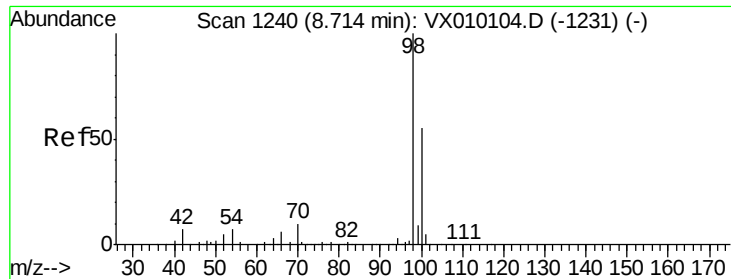
95 67.4 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.077 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010154.D

Acq: 08 Jun 2019 21:23

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ClientSampleId :

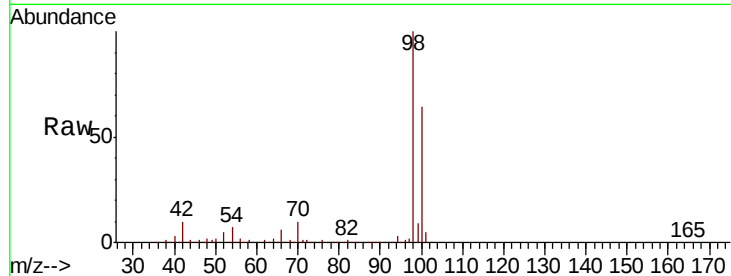
BPS1-TT-MW305S-20190606

Tgt Ion: 98 Resp: 490188

Ion Ratio Lower Upper

98 100

100 64.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

300000

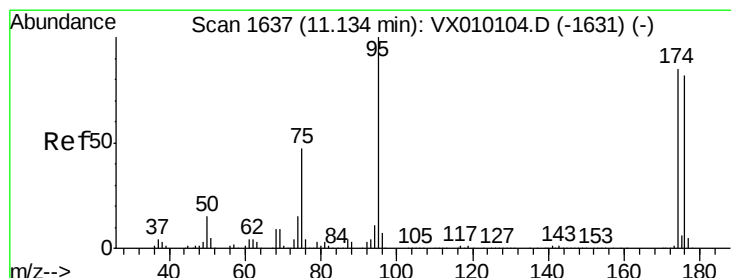
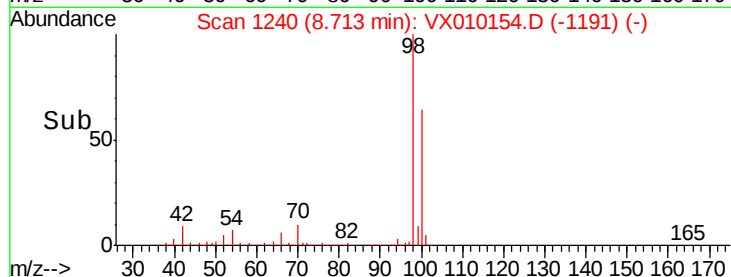
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 48.659 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010154.D

Acq: 08 Jun 2019 21:23

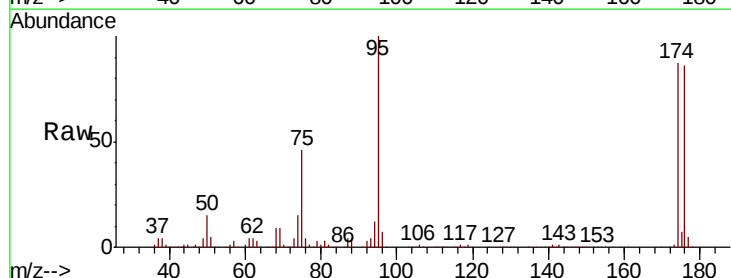
Tgt Ion: 95 Resp: 174400

Ion Ratio Lower Upper

95 100

174 92.4 0.0 160.4

176 89.8 0.0 154.6



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

11.13

150000

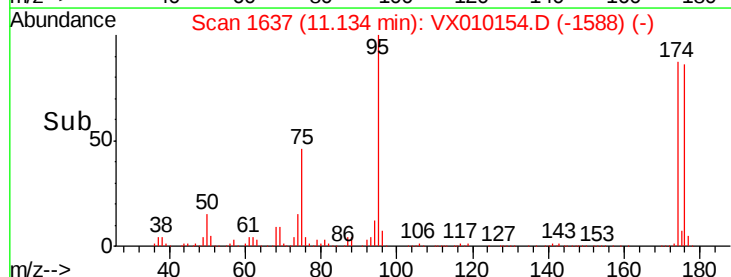
100000

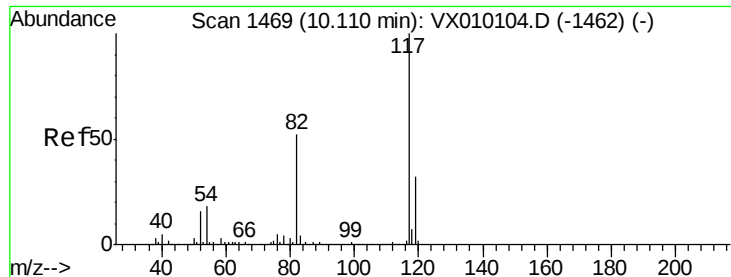
50000

0

Time-->

11.10 11.20

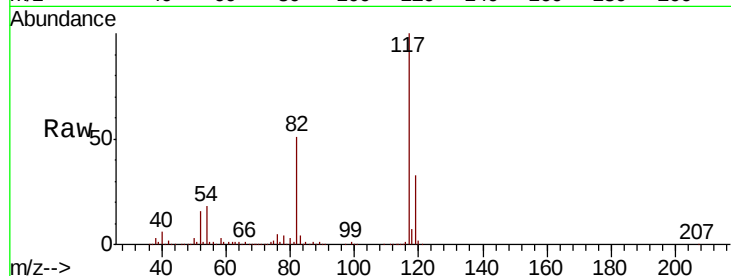




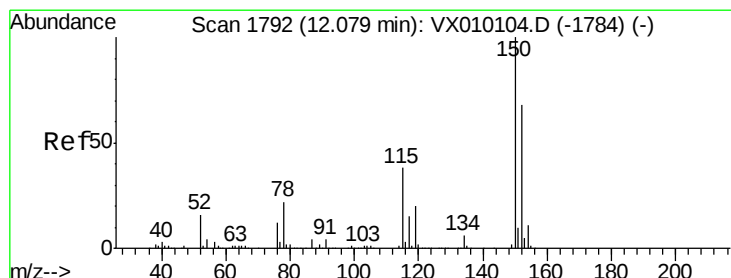
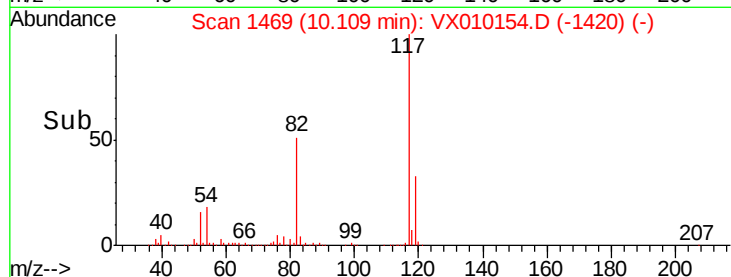
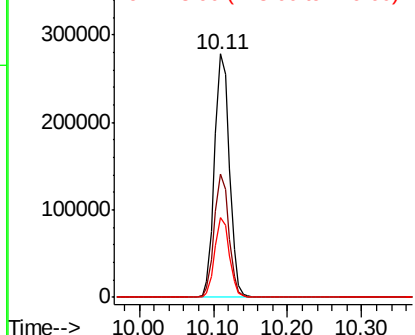
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010154.D
Acq: 08 Jun 2019 21:23

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW305S-20190606

Tgt Ion:117 Resp: 382386
Ion Ratio Lower Upper
117 100
82 50.7 49.2 73.8
119 32.8 25.2 37.8

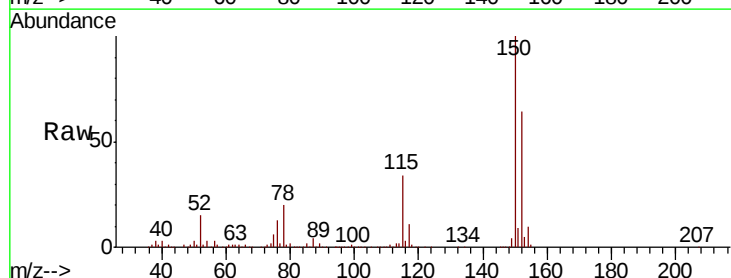


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

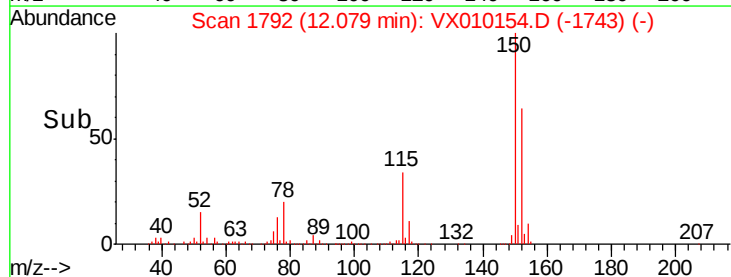
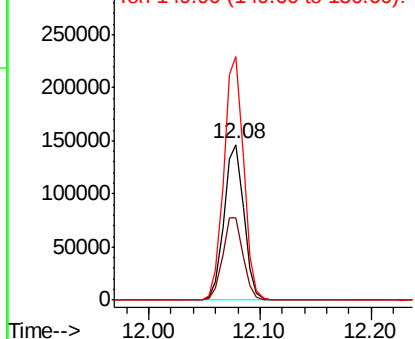


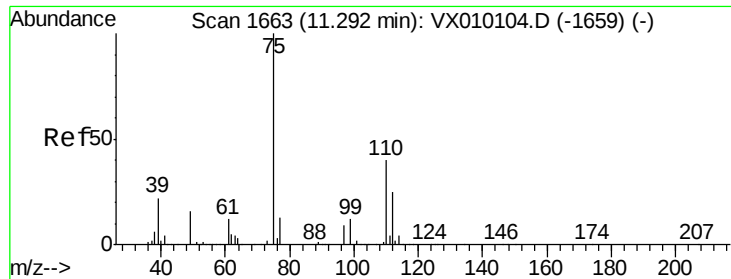
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010154.D
Acq: 08 Jun 2019 21:23

Tgt Ion:152 Resp: 180162
Ion Ratio Lower Upper
152 100
115 54.7 41.4 124.2
150 156.7 0.0 345.2



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

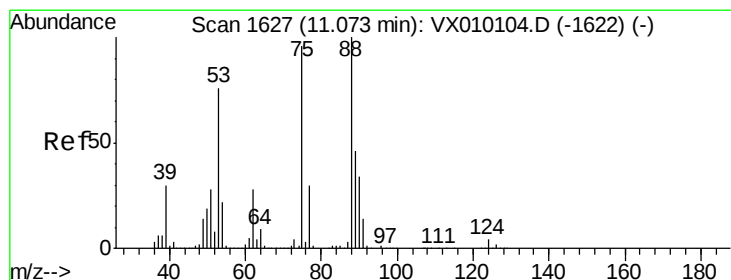
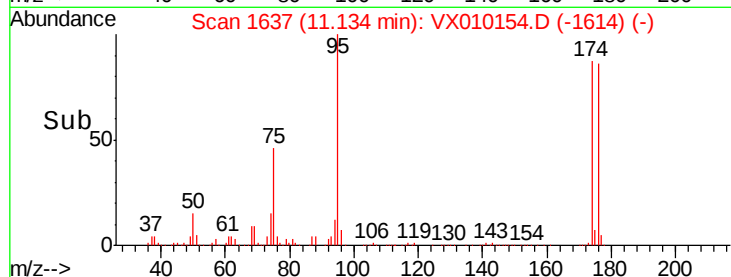
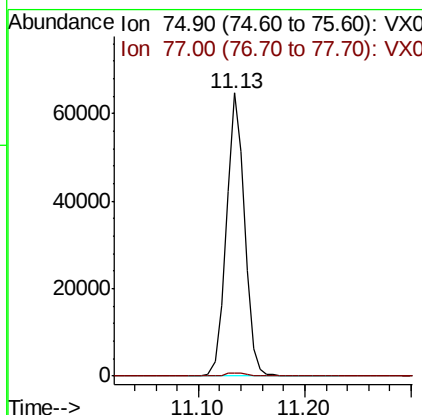
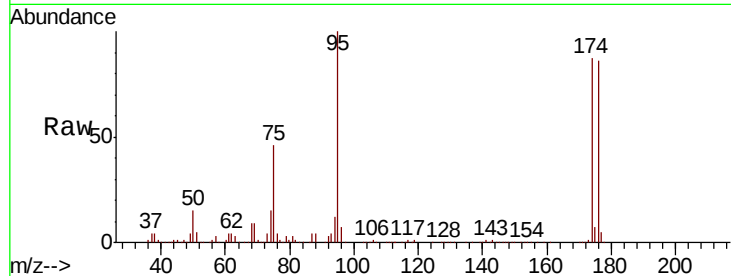




#76
 1,2,3-Trichloropropane
 Concen: 21.529 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010154.D
 Acq: 08 Jun 2019 21:23

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW305S-20190606

Tgt Ion: 75 Resp: 77580
 Ion Ratio Lower Upper
 75 100
 77 1.5 22.1 66.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.566 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010154.D
 Acq: 08 Jun 2019 21:23

Tgt Ion: 75 Resp: 77580
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.8 119.6#
 89 0.0 34.2 51.4#

