

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060819\
 Data File : VX010151.D
 Acq On : 08 Jun 2019 20:13
 Operator : JC/SP
 Sample : K3249-20DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303S-20190606DL

Quant Time: Jun 10 08:03:32 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	273846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	408429	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	379195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183664	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	121258	45.36	ug/l	0.00
Spiked Amount			Recovery	=	90.72%	
35) Dibromofluoromethane	5.49	113	126187	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
50) Toluene-d8	8.71	98	482266	51.08	ug/l	0.00
Spiked Amount			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	11.13	95	174665	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	

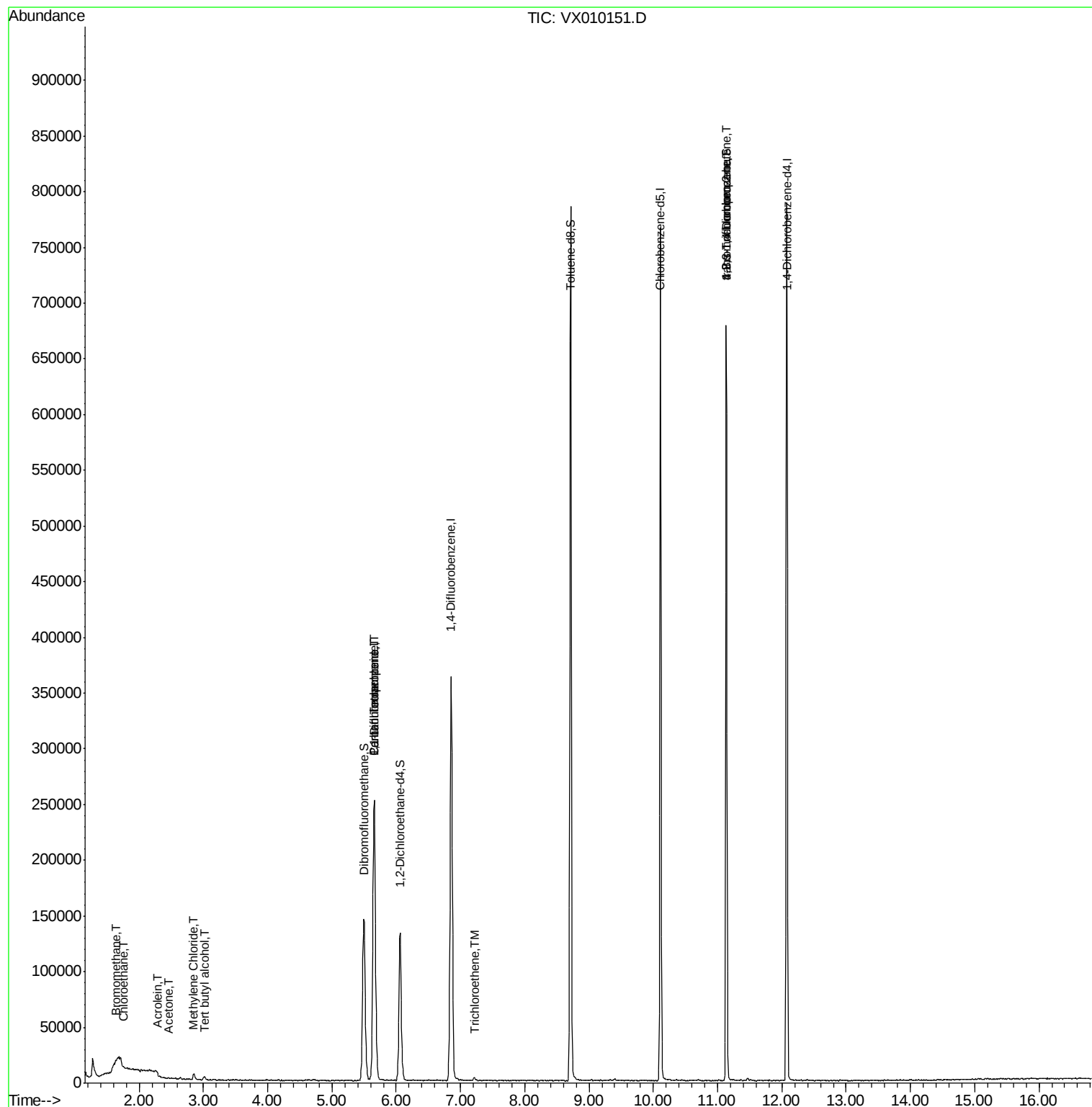
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	484	0.545	ug/l	95
6) Chloroethane	1.75	64	1592	1.343	ug/l #	56
11) Tert butyl alcohol	3.01	59	1634	2.495	ug/l	98
13) Acrolein	2.29	56	150	1.256	ug/l #	1
16) Acetone	2.45	43	1081	0.860	ug/l	97
20) Methylene Chloride	2.85	84	2685	0.972	ug/l #	75
36) 1,1-Dichloropropene	5.66	75	16243	4.875	ug/l #	51
38) Carbon Tetrachloride	5.66	117	23100	6.125	ug/l #	15
44) Trichloroethene	7.21	130	1131	0.364	ug/l	68
76) 1,2,3-Trichloropropane	11.13	75	77652	21.138	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	77652	46.702	ug/l #	10

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX060819\
Data File : VX010151.D
Acq On : 08 Jun 2019 20:13
Operator : JC/SP
Sample : K3249-20DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303S-20190606DL

Quant Time: Jun 10 08:03:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 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: VX010151.D

Acq: 08 Jun 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

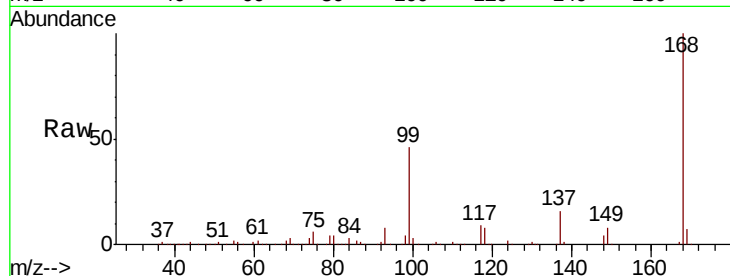
BPS1-TT-MW303S-20190606DL

Tgt Ion: 168 Resp: 273846

Ion Ratio Lower Upper

168 100

99 46.3 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

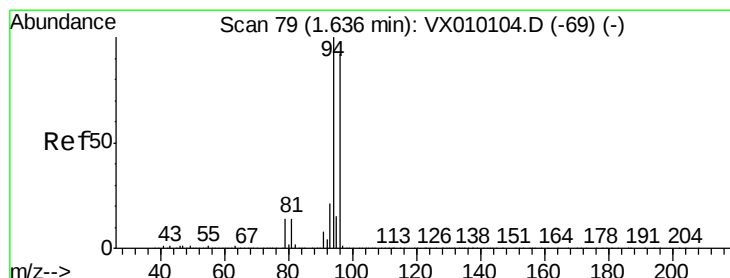
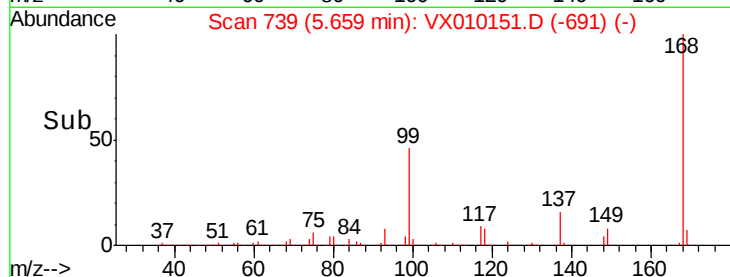
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.545 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010151.D

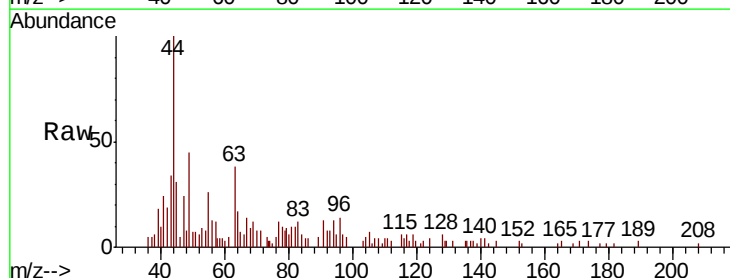
Acq: 08 Jun 2019 20:13

Tgt Ion: 94 Resp: 484

Ion Ratio Lower Upper

94 100

96 100.4 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

300

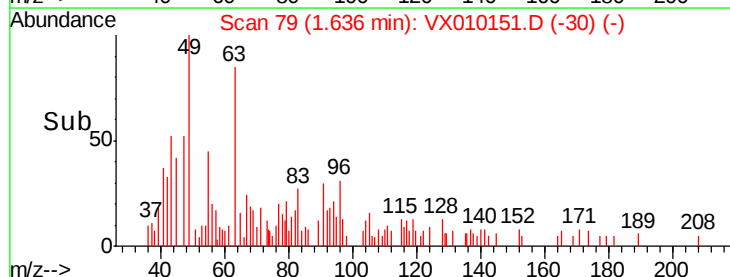
200

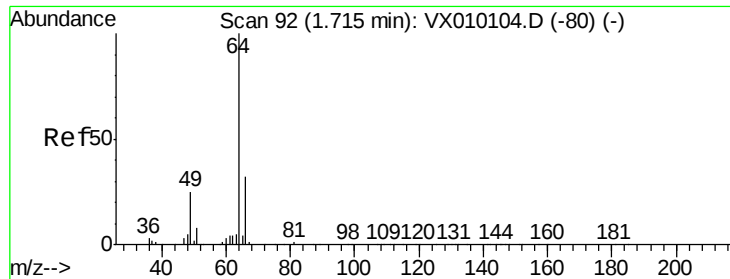
100

0

Time-->

1.60 1.65





#6

Chloroethane

Concen: 1.343 ug/l

RT: 1.75 min Scan# 98

Delta R.T. 0.04 min

Lab File: VX010151.D

Acq: 08 Jun 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

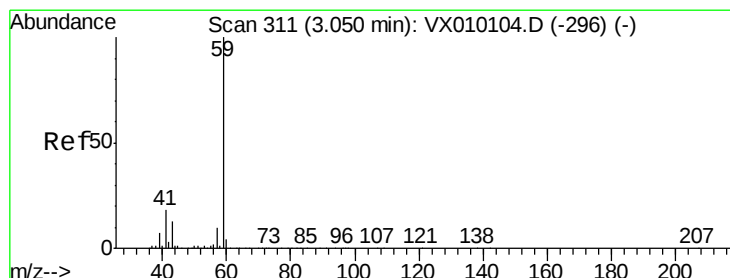
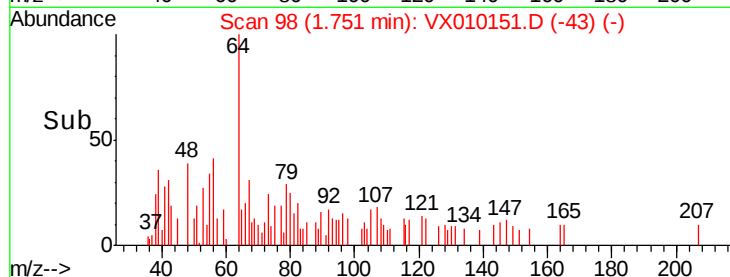
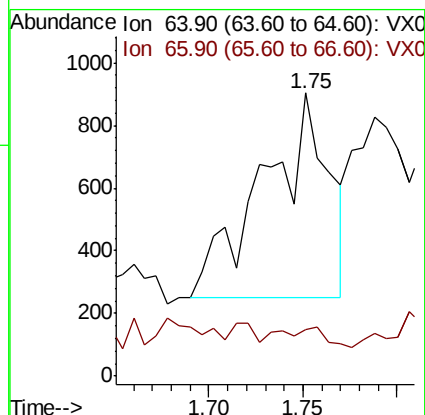
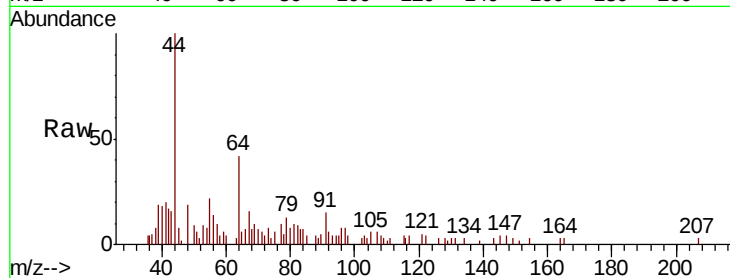
BPS1-TT-MW303S-20190606DL

Tgt Ion: 64 Resp: 1592

Ion Ratio Lower Upper

64 100

66 7.3 25.1 37.7#



#11

Tert butyl alcohol

Concen: 2.495 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.04 min

Lab File: VX010151.D

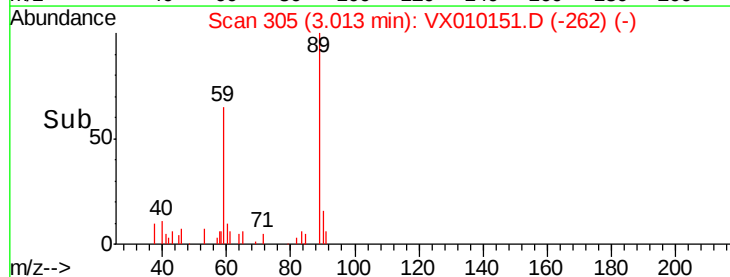
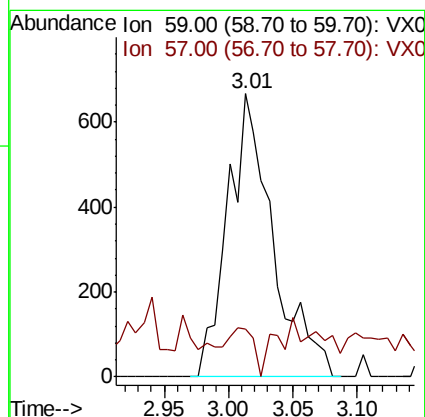
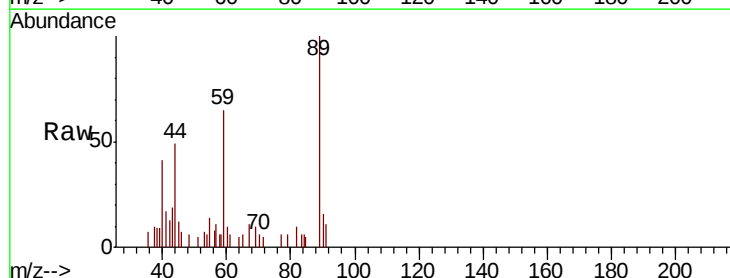
Acq: 08 Jun 2019 20:13

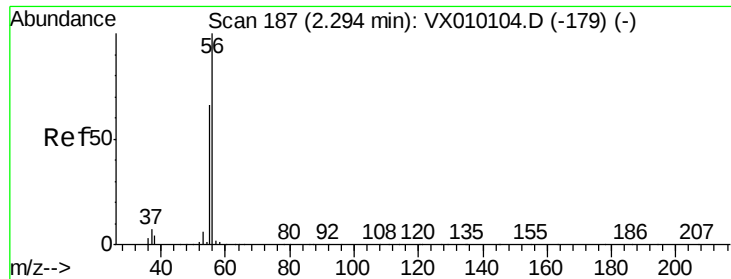
Tgt Ion: 59 Resp: 1634

Ion Ratio Lower Upper

59 100

57 9.3 8.2 12.2





#13

Acrolein

Concen: 1.256 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010151.D

Acq: 08 Jun 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

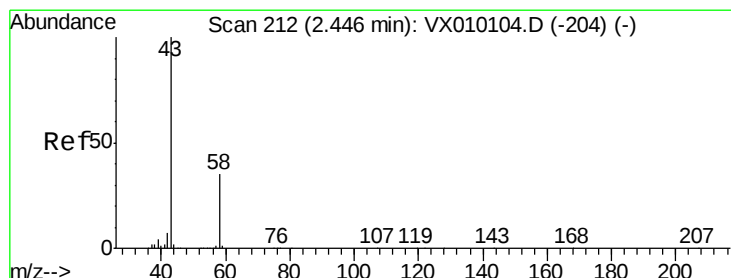
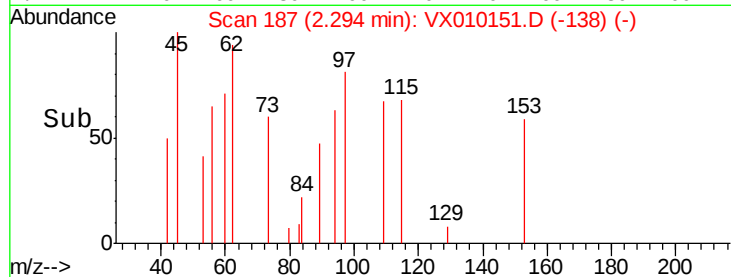
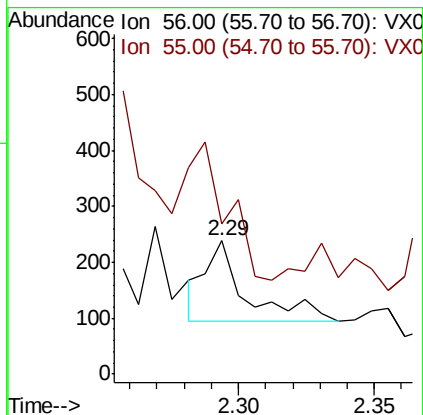
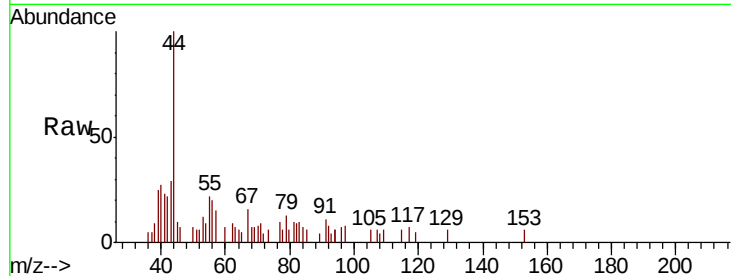
BPS1-TT-MW303S-20190606DL

Tgt Ion: 56 Resp: 150

Ion Ratio Lower Upper

56 100

55 172.0 57.0 85.4#



#16

Acetone

Concen: 0.860 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010151.D

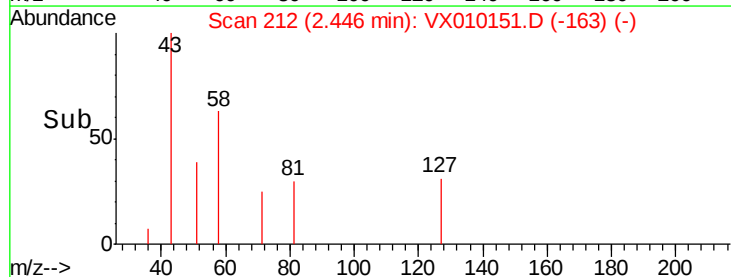
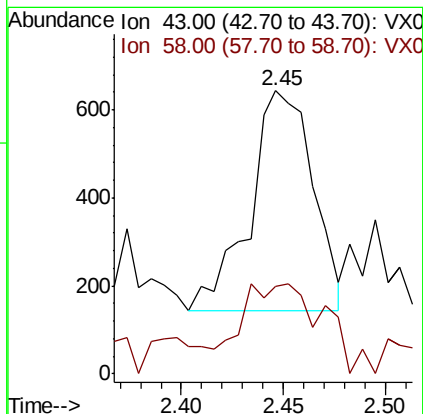
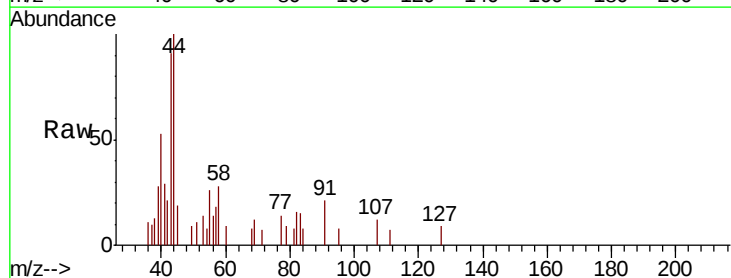
Acq: 08 Jun 2019 20:13

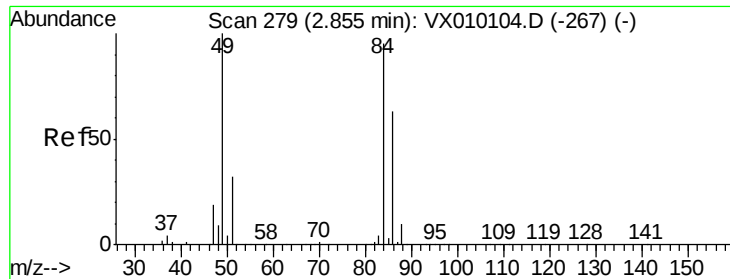
Tgt Ion: 43 Resp: 1081

Ion Ratio Lower Upper

43 100

58 27.7 23.2 34.8

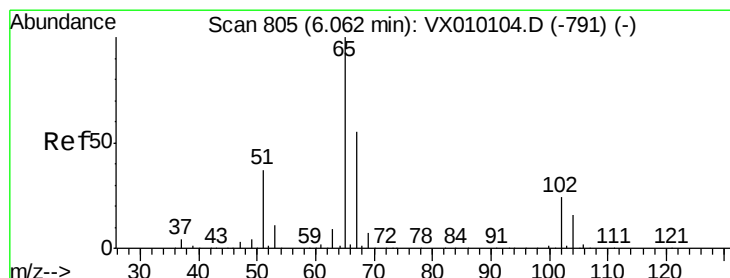
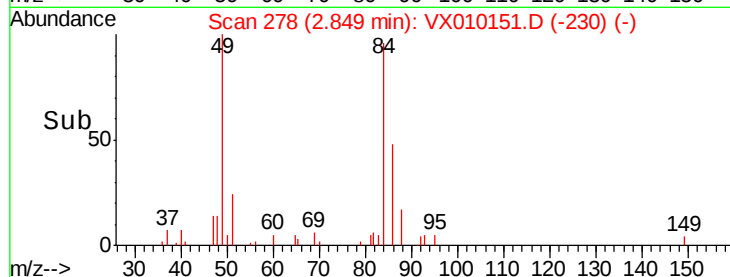
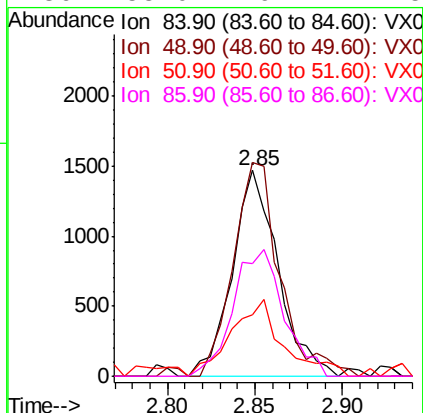
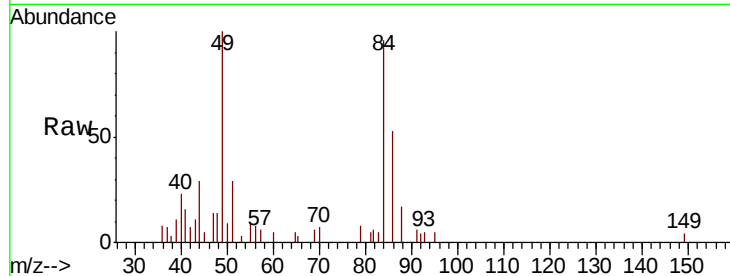




#20
Methylene Chloride
Concen: 0.972 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX010151.D
Acq: 08 Jun 2019 20:13

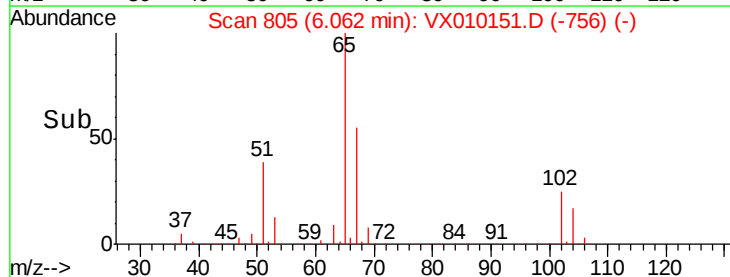
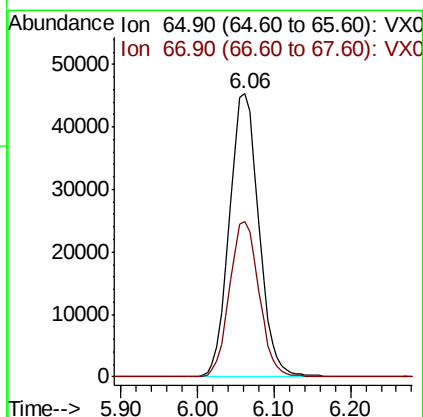
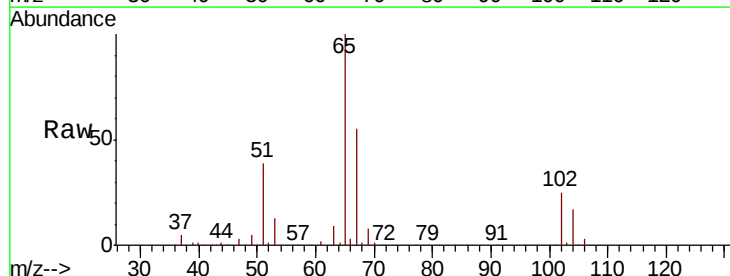
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303S-20190606DL

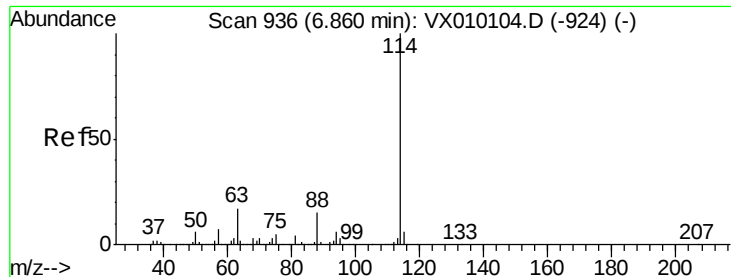
Tgt Ion: 84 Resp: 2685
Ion Ratio Lower Upper
84 100
49 103.8 115.8 173.6#
51 30.0 34.4 51.6#
86 55.0 49.7 74.5



#33
1,2-Dichloroethane-d4
Concen: 45.363 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010151.D
Acq: 08 Jun 2019 20:13

Tgt Ion: 65 Resp: 121258
Ion Ratio Lower Upper
65 100
67 55.2 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: VX010151.D

Acq: 08 Jun 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303S-20190606DL

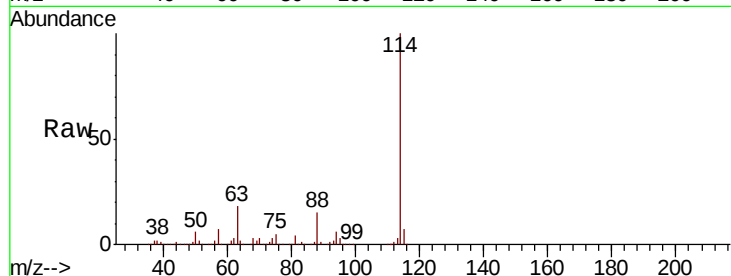
Tgt Ion:114 Resp: 408429

Ion Ratio Lower Upper

114 100

63 17.6 0.0 47.4

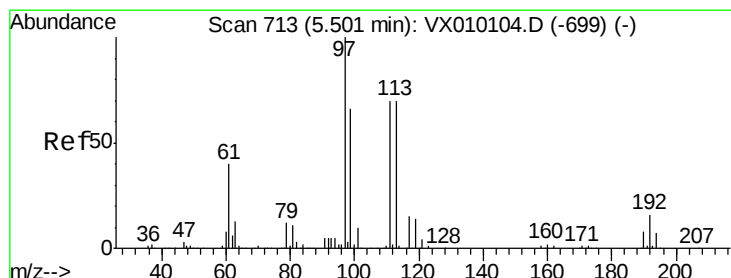
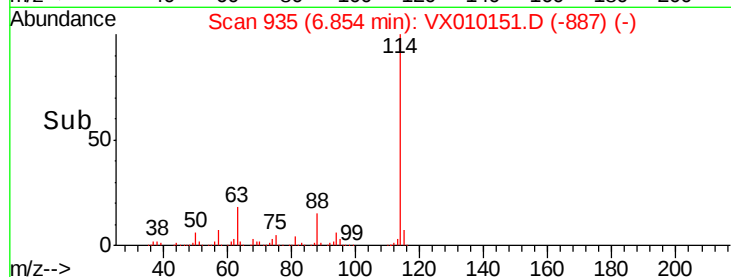
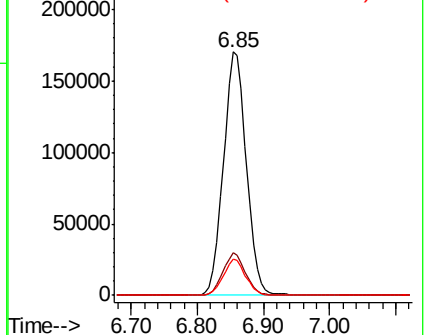
88 14.8 0.0 33.0



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: 50.088 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010151.D

Acq: 08 Jun 2019 20:13

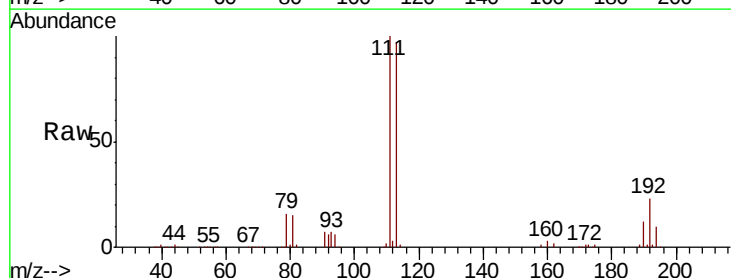
Tgt Ion:113 Resp: 126187

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

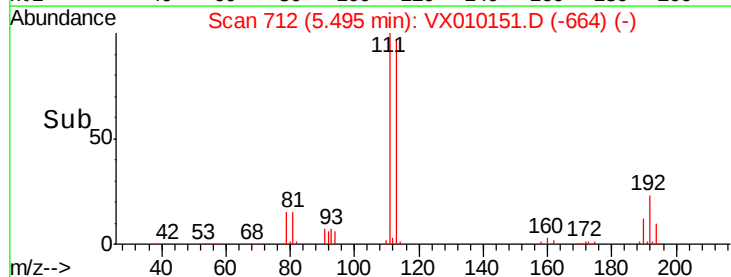
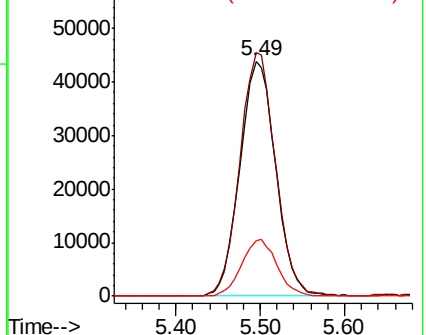
192 23.7 17.1 25.7

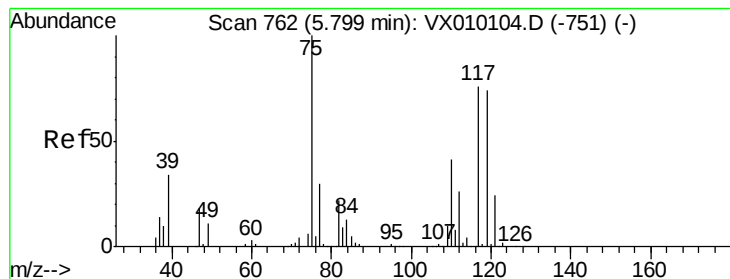


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.875 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010151.D

Acq: 08 Jun 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303S-20190606DL

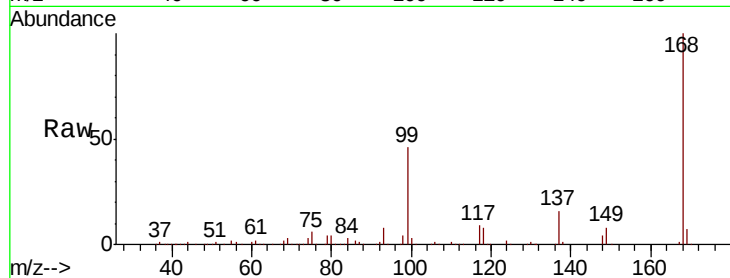
Tgt Ion: 75 Resp: 16243

Ion Ratio Lower Upper

75 100

110 9.6 16.7 50.1#

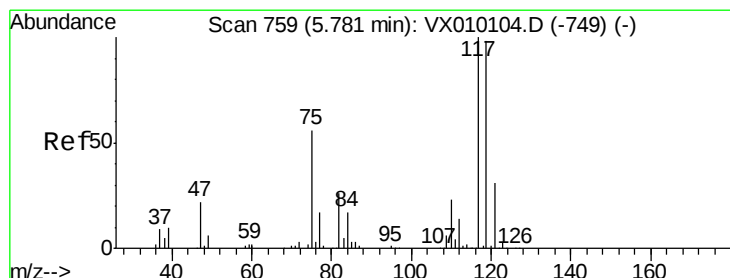
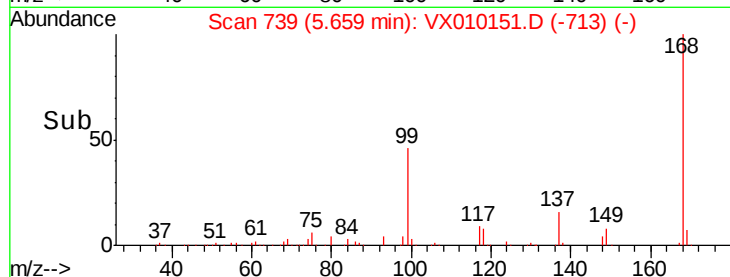
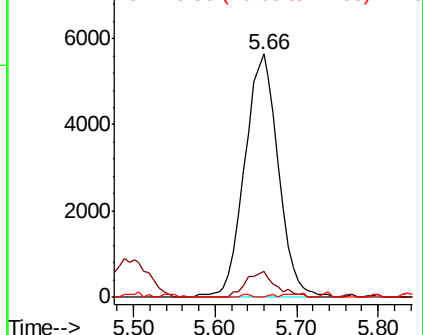
77 0.3 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.125 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX010151.D

Acq: 08 Jun 2019 20:13

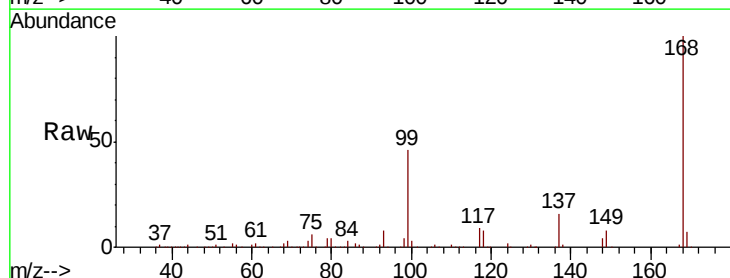
Tgt Ion: 117 Resp: 23100

Ion Ratio Lower Upper

117 100

119 4.5 77.3 115.9#

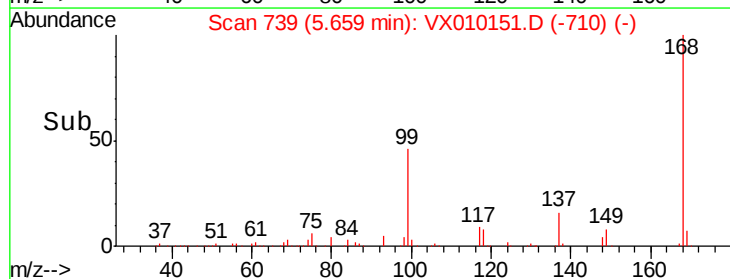
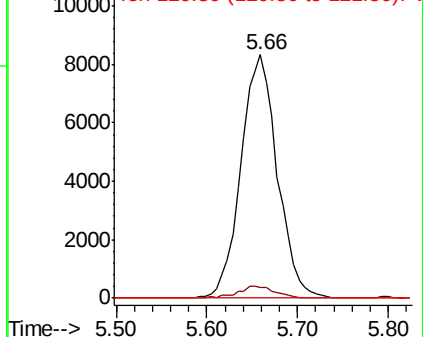
121 0.0 25.4 38.0#

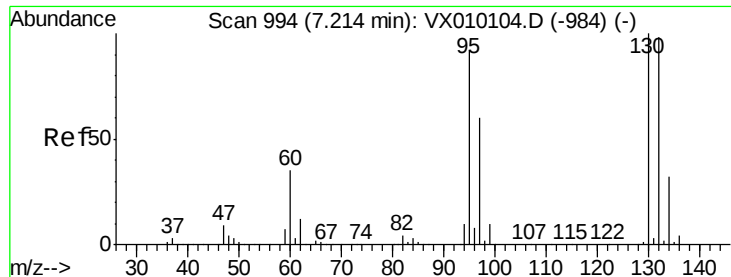


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 0.364 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010151.D

Acq: 08 Jun 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

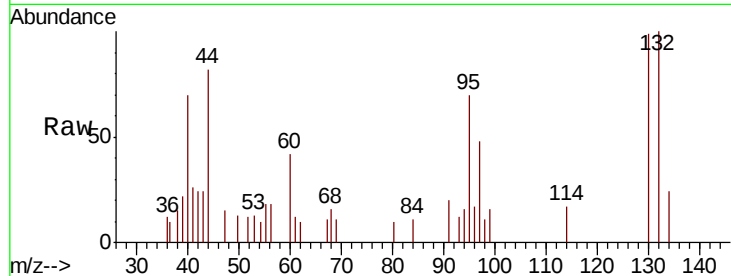
BPS1-TT-MW303S-20190606DL

Tgt Ion:130 Resp: 1131

Ion Ratio Lower Upper

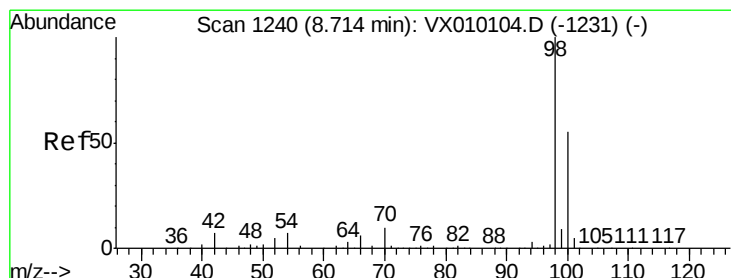
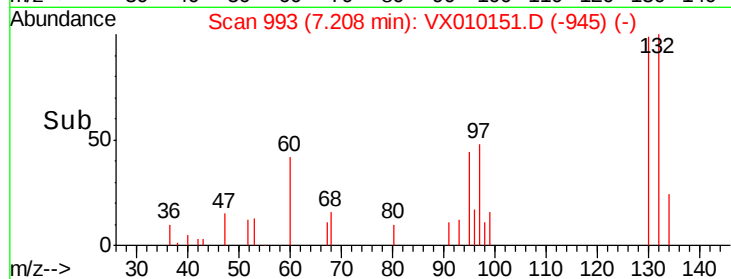
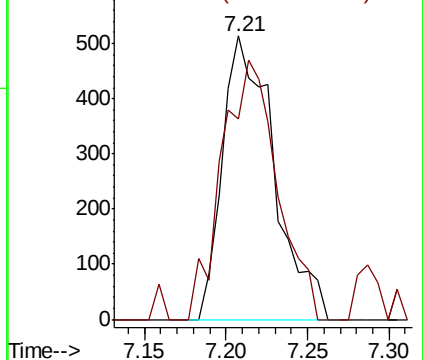
130 100

95 71.0 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: VX010151.D

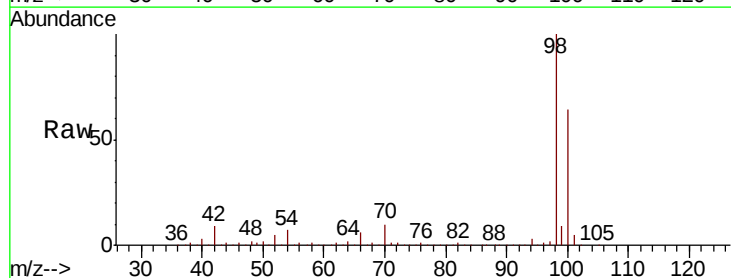
Acq: 08 Jun 2019 20:13

Tgt Ion: 98 Resp: 482266

Ion Ratio Lower Upper

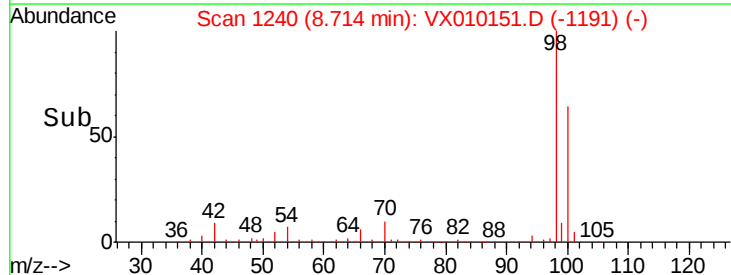
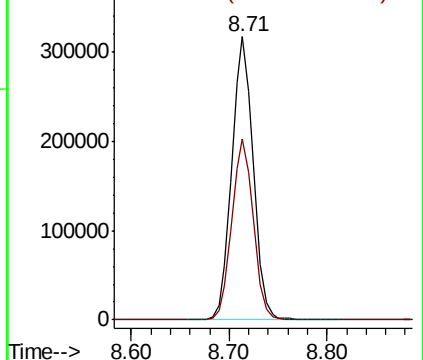
98 100

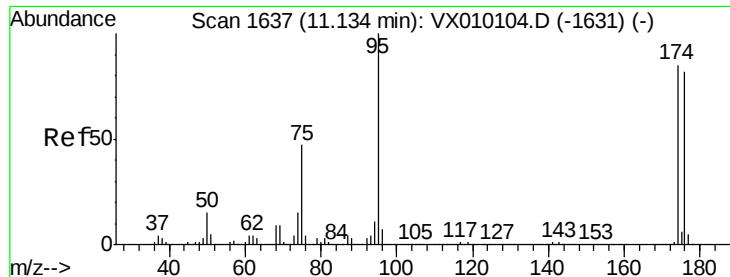
100 64.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

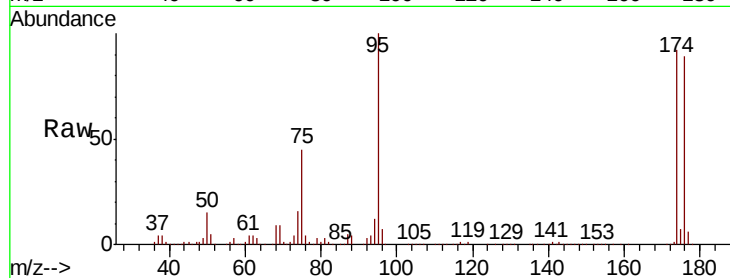




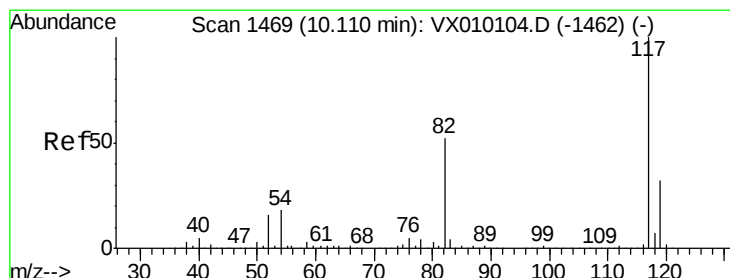
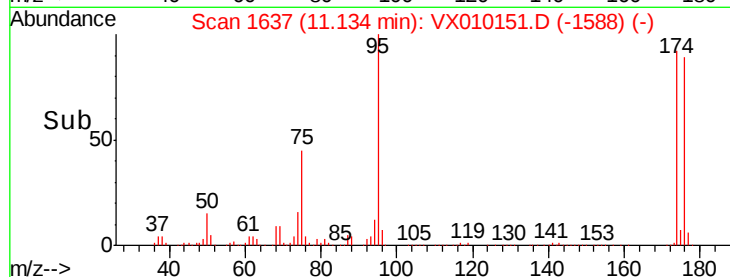
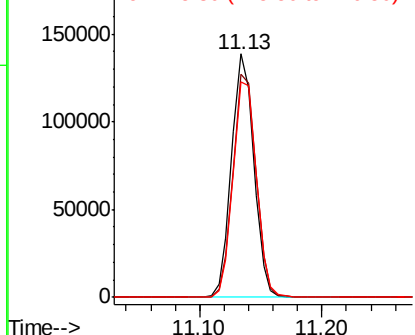
#62
4-Bromofluorobenzene
Concen: 49.534 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010151.D
Acq: 08 Jun 2019 20:13

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303S-20190606DL

Tgt Ion: 95 Resp: 174665
Ion Ratio Lower Upper
95 100
174 94.7 0.0 160.4
176 92.9 0.0 154.6

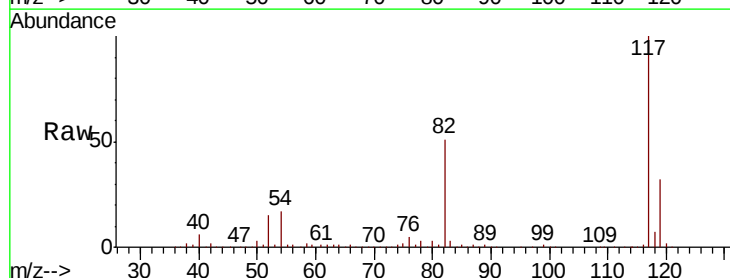


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

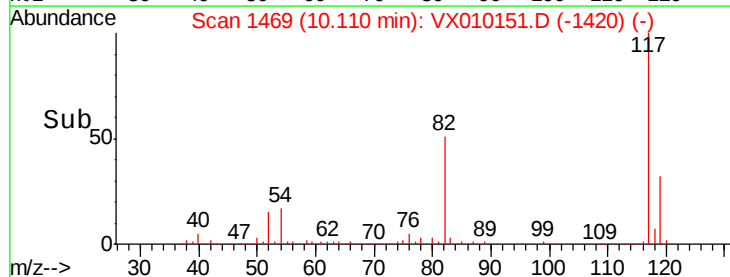
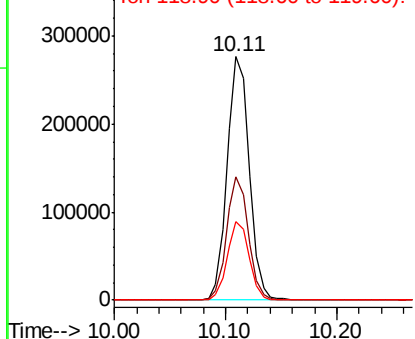


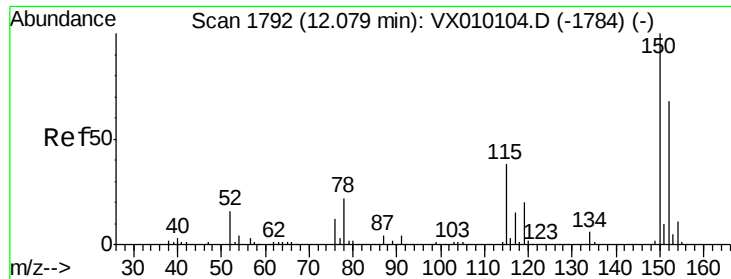
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010151.D
Acq: 08 Jun 2019 20:13

Tgt Ion: 117 Resp: 379195
Ion Ratio Lower Upper
117 100
82 50.6 49.2 73.8
119 32.2 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: VX010151.D

Acq: 08 Jun 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303S-20190606DL

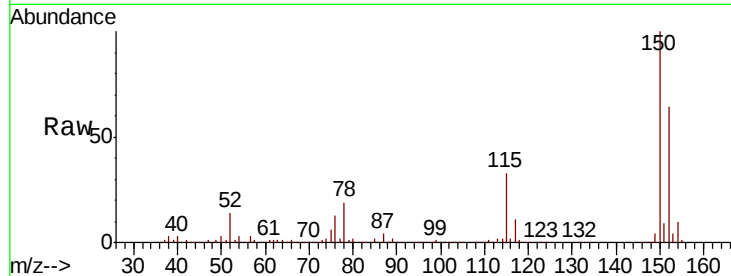
Tgt Ion:152 Resp: 183664

Ion Ratio Lower Upper

152 100

115 54.2 41.4 124.2

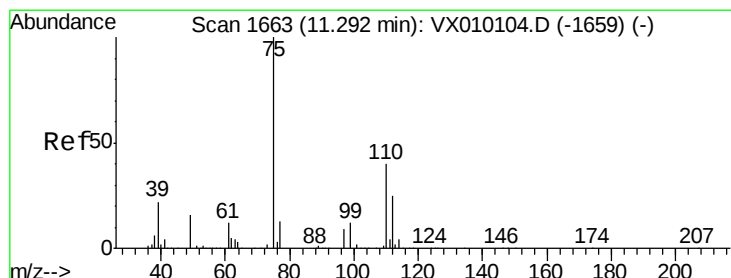
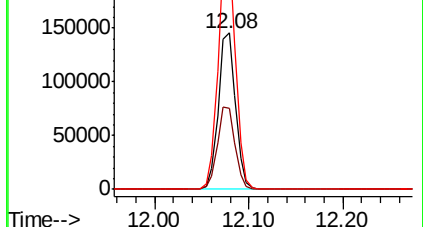
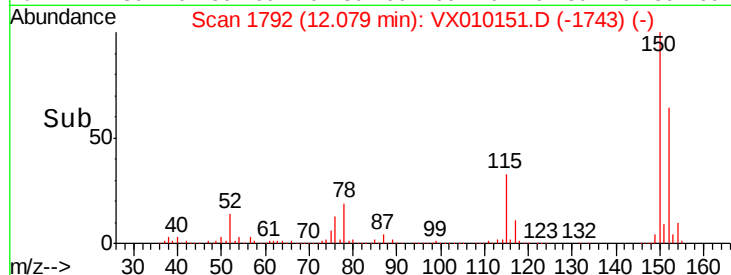
150 155.8 0.0 345.2



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: 21.138 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010151.D

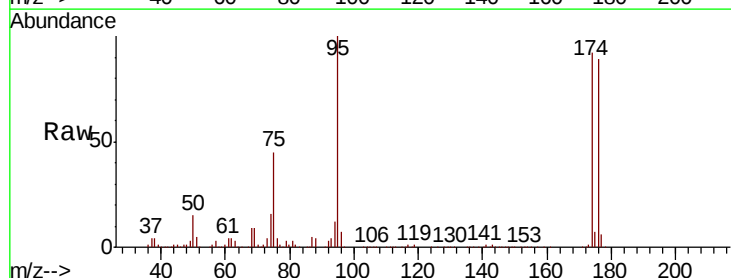
Acq: 08 Jun 2019 20:13

Tgt Ion: 75 Resp: 77652

Ion Ratio Lower Upper

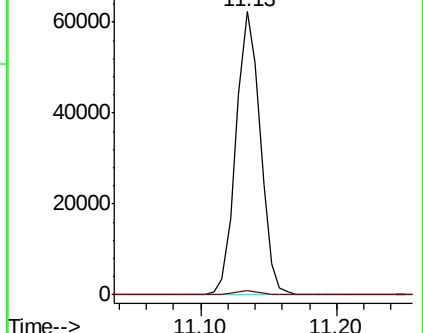
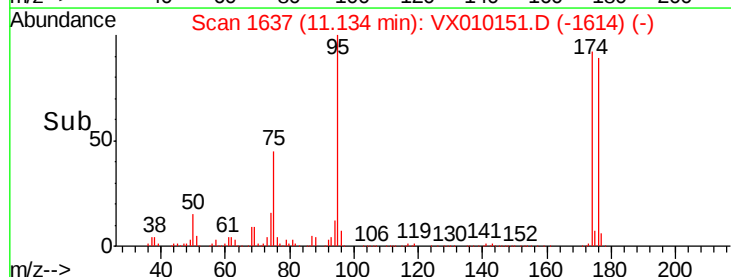
75 100

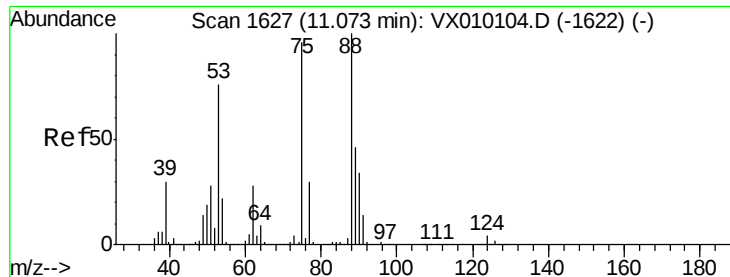
77 1.5 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 46.702 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010151.D

Acq: 08 Jun 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303S-20190606DL

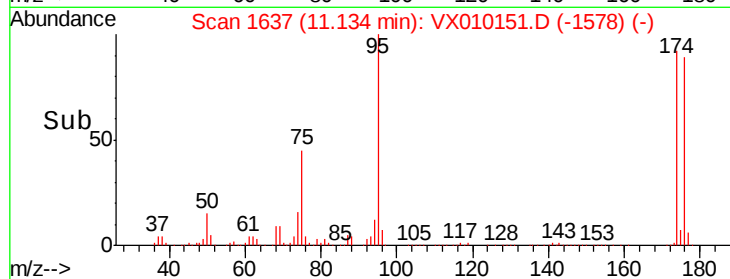
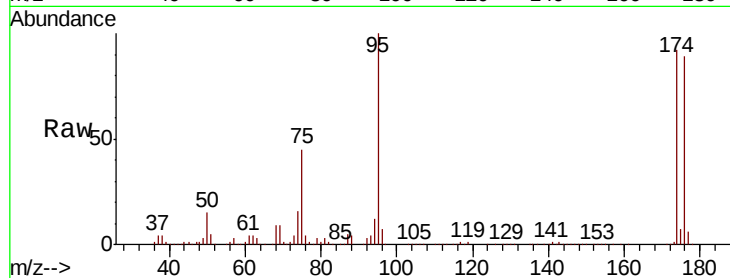
Tgt Ion: 75 Resp: 77652

Ion Ratio Lower Upper

75 100

53 0.1 79.8 119.6#

89 0.0 34.2 51.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

