

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010123.D
 Acq On : 07 Jun 2019 20:57
 Operator : JC/SP
 Sample : K3221-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW301I-20190605

Quant Time: Jun 08 02:24:19 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	5.67	168	324863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	493513	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	444084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210245	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	148719	46.90	ug/l	0.00
Spiked Amount			Recovery	=	93.80%	
35) Dibromofluoromethane	5.50	113	153810	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
50) Toluene-d8	8.71	98	578625	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.13	95	205710	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	

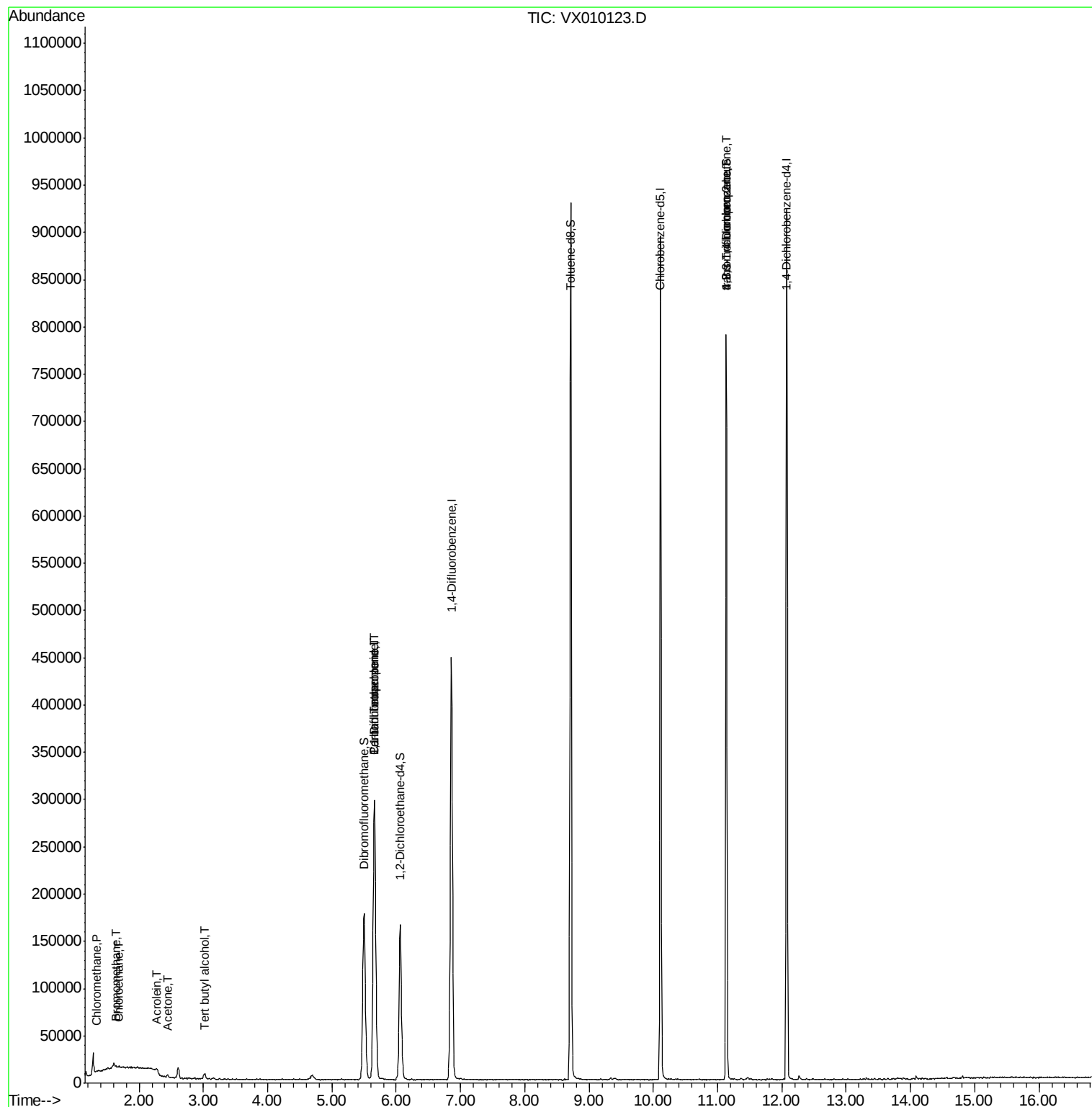
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	632	0.213	ug/l	91
5) Bromomethane	1.64	94	318	0.302	ug/l #	2
6) Chloroethane	1.70	64	832	0.591	ug/l	99
11) Tert butyl alcohol	3.01	59	3302	4.251	ug/l #	73
13) Acrolein	2.27	56	85	0.600	ug/l #	1
16) Acetone	2.44	43	3145	2.109	ug/l #	81
36) 1,1-Dichloropropene	5.67	75	19192	4.767	ug/l #	51
38) Carbon Tetrachloride	5.66	117	27630	6.063	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	93201	22.163	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	93201	48.967	ug/l #	10

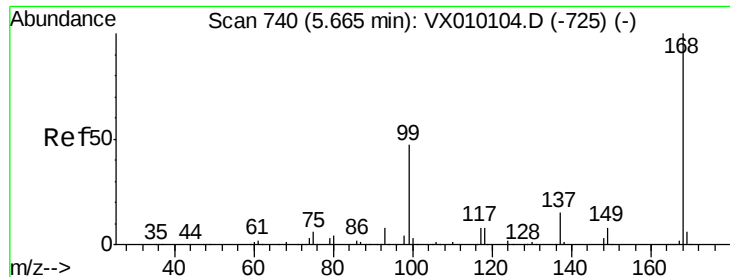
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060719\
Data File : VX010123.D
Acq On : 07 Jun 2019 20:57
Operator : JC/SP
Sample : K3221-14
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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BPS1-TT-MW301I-20190605

Quant Time: Jun 08 02:24:19 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: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010123.D

Acq: 07 Jun 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

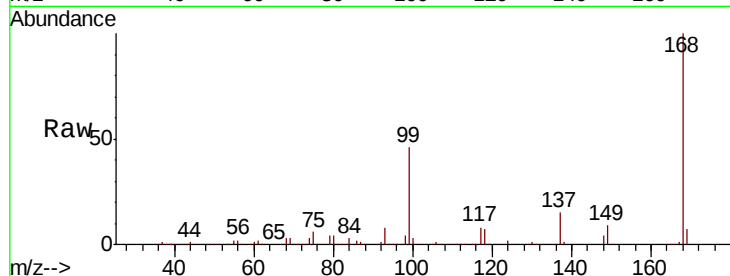
BPS1-TT-MW301I-20190605

Tot Ion:168 Resp: 324863

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

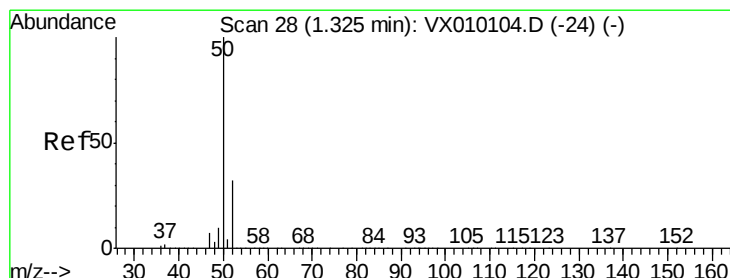
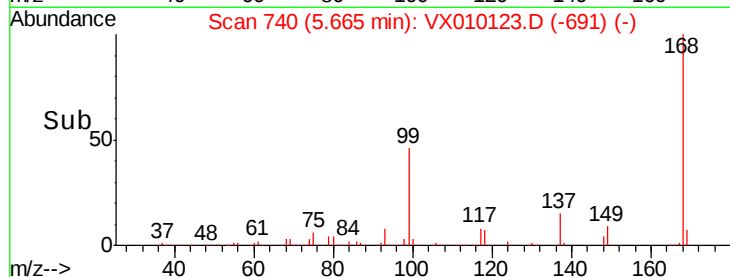
5.67

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.213 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010123.D

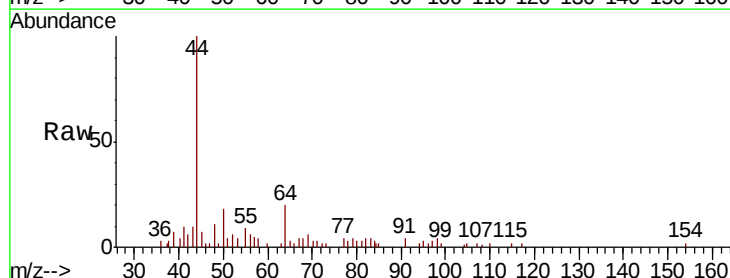
Acq: 07 Jun 2019 20:57

Tgt Ion: 50 Resp: 632

Ion Ratio Lower Upper

50 100

52 37.7 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

800

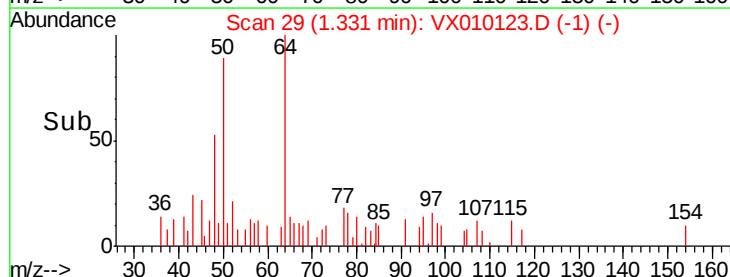
600

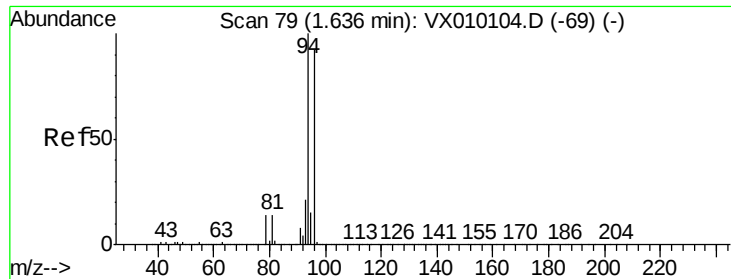
400

200

0

Time-->





#5

Bromomethane

Concen: 0.302 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010123.D

Acq: 07 Jun 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

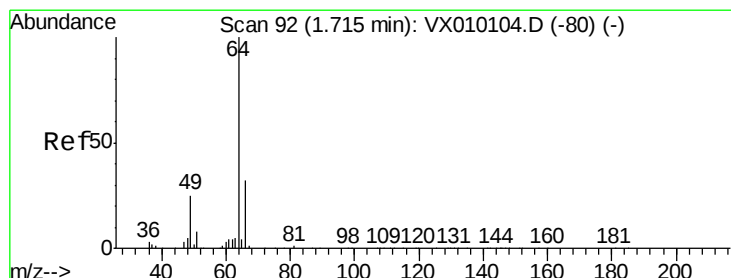
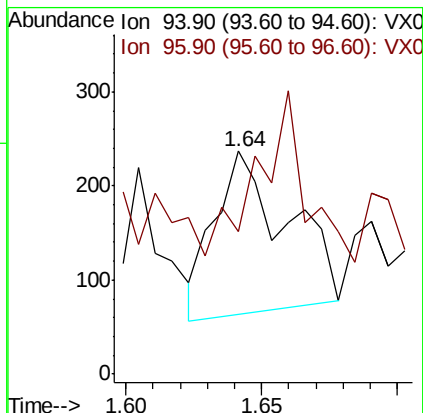
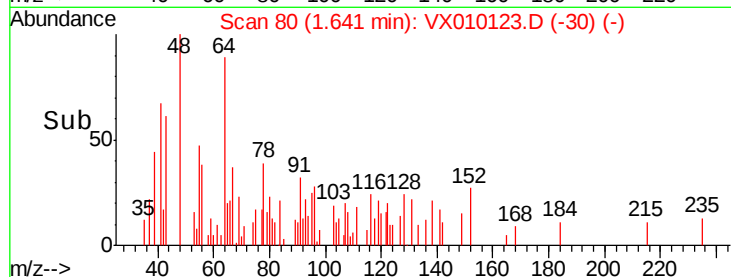
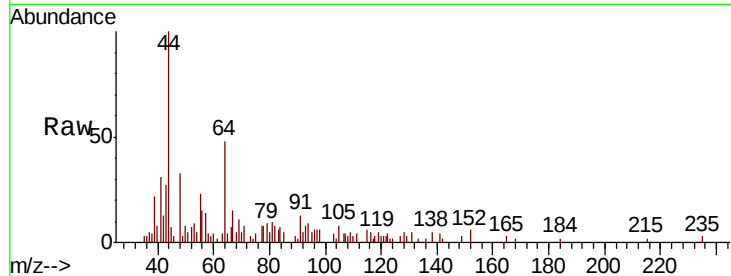
BPS1-TT-MW301I-20190605

Tot Ion: 94 Resp: 318

Ion Ratio Lower Upper

94 100

96 0.0 76.2 114.4#



#6

Chloroethane

Concen: 0.591 ug/l

RT: 1.70 min Scan# 89

Delta R.T. -0.02 min

Lab File: VX010123.D

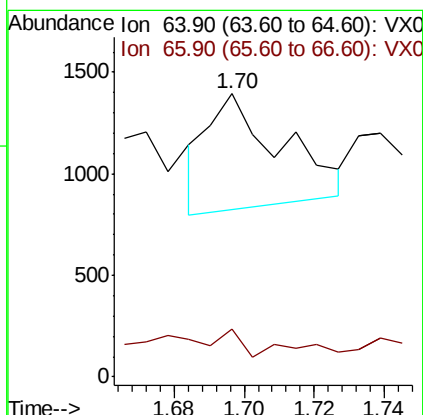
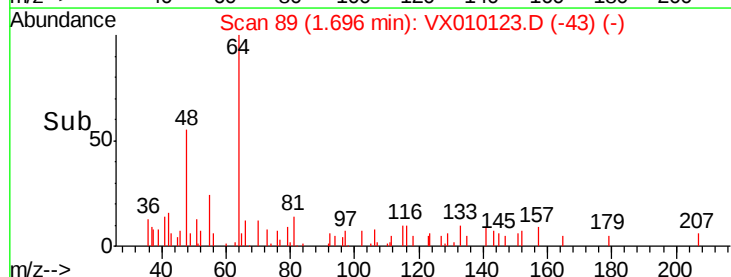
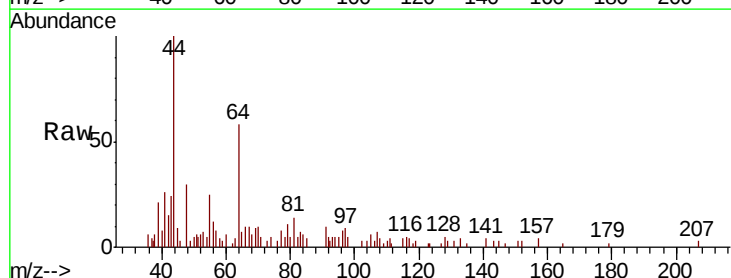
Acq: 07 Jun 2019 20:57

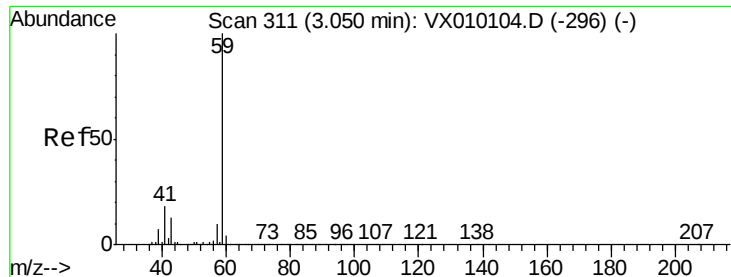
Tgt Ion: 64 Resp: 832

Ion Ratio Lower Upper

64 100

66 32.1 25.1 37.7



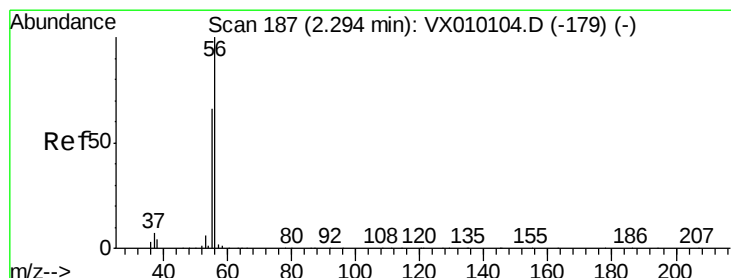
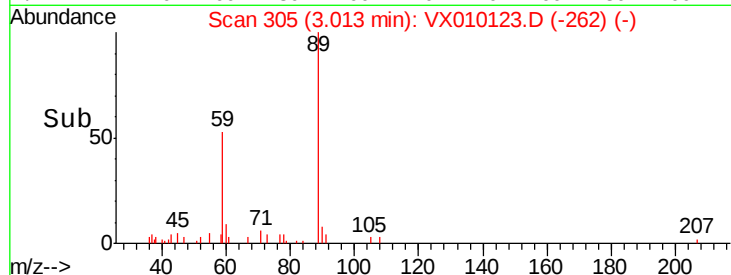
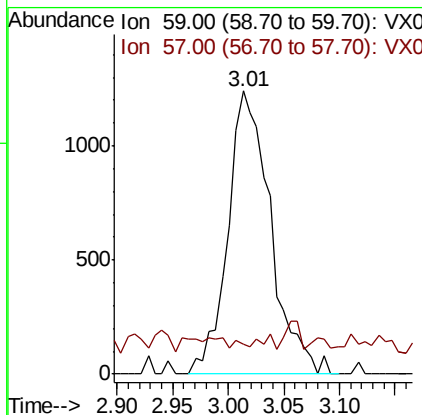
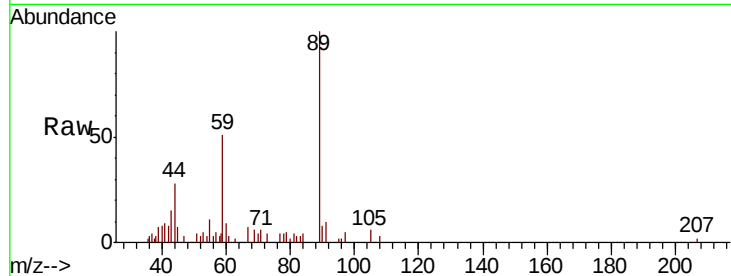


#11

Tert butyl alcohol
 Concen: 4.251 ug/l
 RT: 3.01 min Scan# 305
 Delta R.T. -0.04 min
 Lab File: VX010123.D
 Acq: 07 Jun 2019 20:57

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW301I-20190605

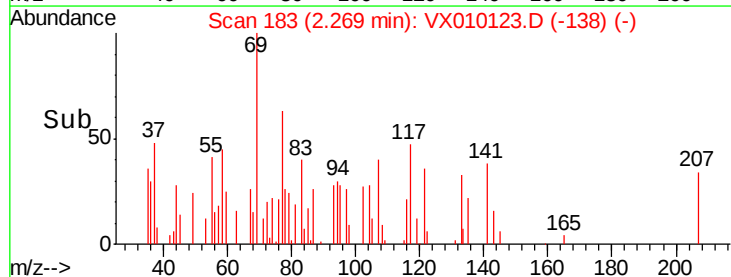
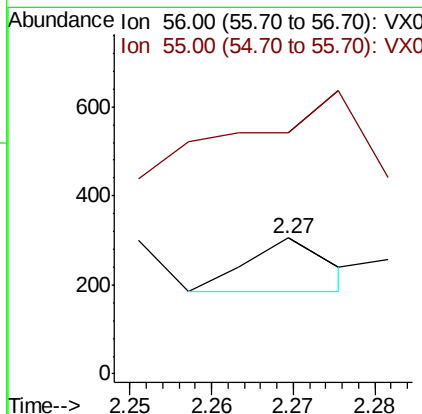
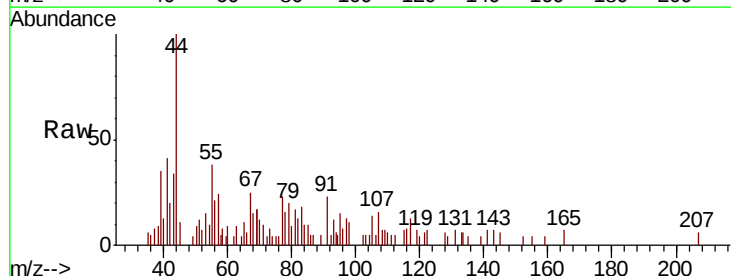
Tot Ion: 59 Resp: 3302
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

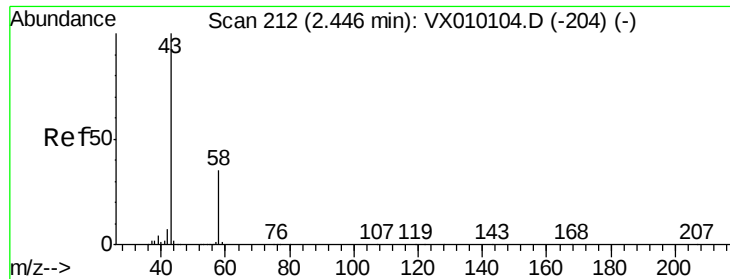


#13

Acrolein
 Concen: 0.600 ug/l
 RT: 2.27 min Scan# 183
 Delta R.T. -0.02 min
 Lab File: VX010123.D
 Acq: 07 Jun 2019 20:57

Tgt Ion: 56 Resp: 85
 Ion Ratio Lower Upper
 56 100
 55 560.0 57.0 85.4#





#16

Acetone

Concen: 2.109 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010123.D

Acq: 07 Jun 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

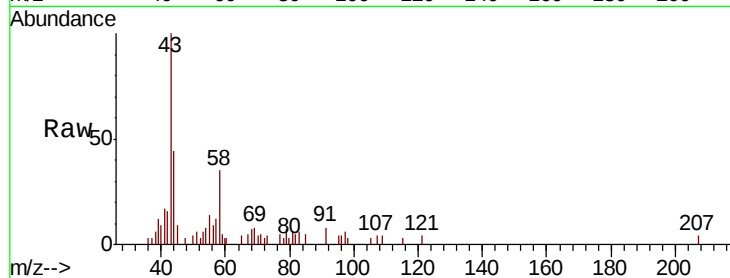
BPS1-TT-MW301I-20190605

Tot Ion: 43 Resp: 3145

Ion Ratio Lower Upper

43 100

58 39.0 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

2000

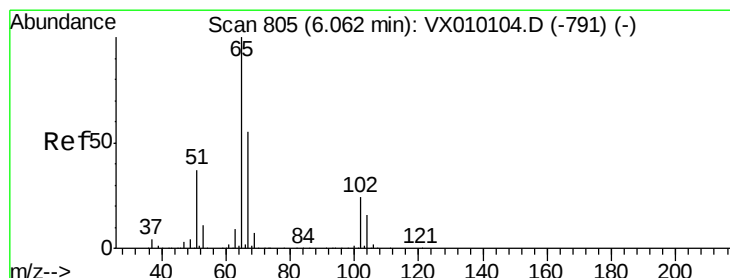
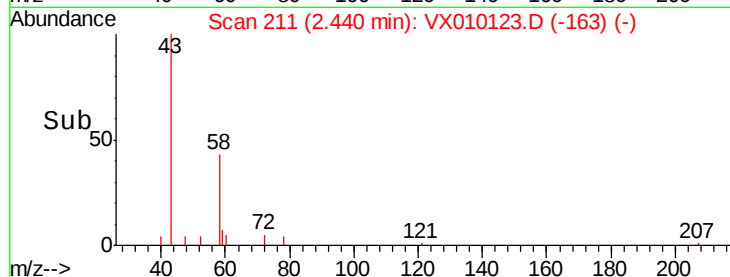
1500

1000

500

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.899 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010123.D

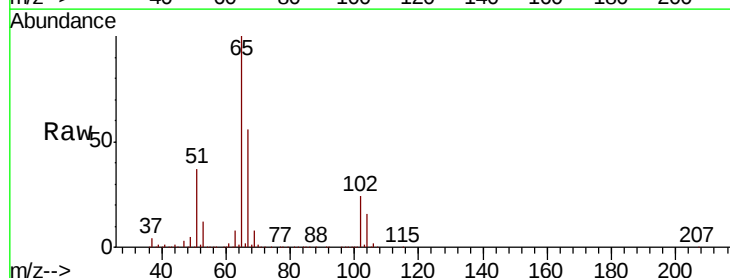
Acq: 07 Jun 2019 20:57

Tgt Ion: 65 Resp: 148719

Ion Ratio Lower Upper

65 100

67 55.2 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

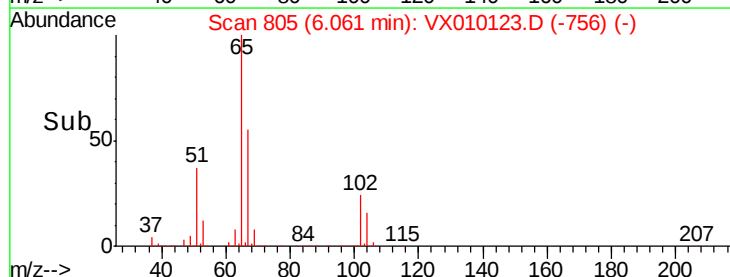
60000

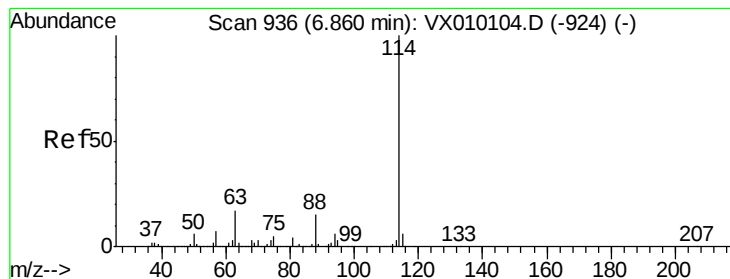
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010123.D

Acq: 07 Jun 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW301I-20190605

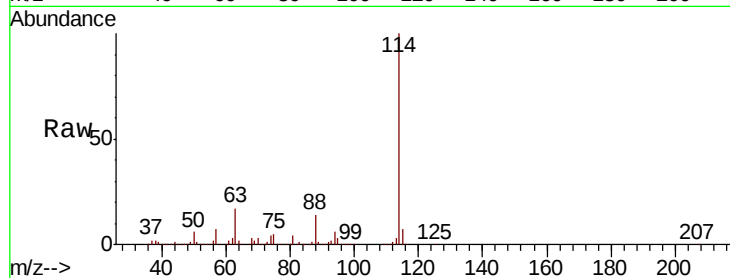
Tot Ion:114 Resp: 493513

Ion Ratio Lower Upper

114 100

63 17.3 0.0 47.4

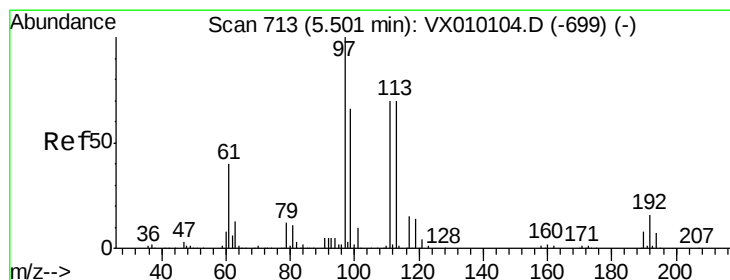
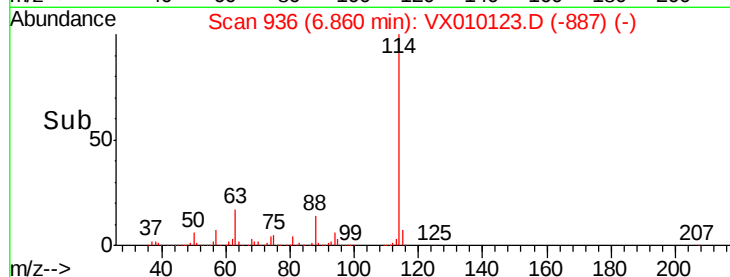
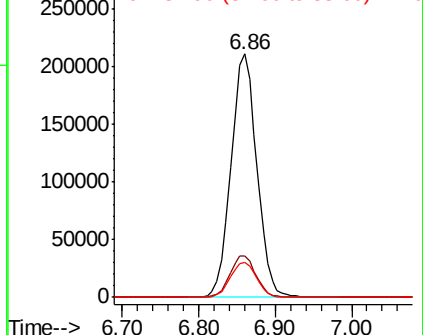
88 14.5 0.0 33.0



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: 50.527 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010123.D

Acq: 07 Jun 2019 20:57

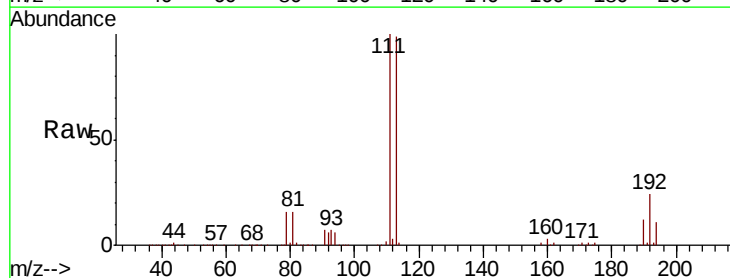
Tgt Ion:113 Resp: 153810

Ion Ratio Lower Upper

113 100

111 100.8 82.2 123.2

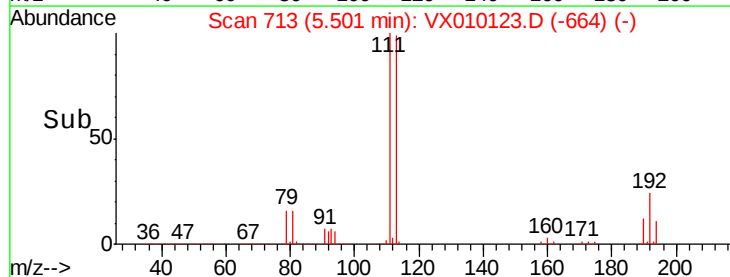
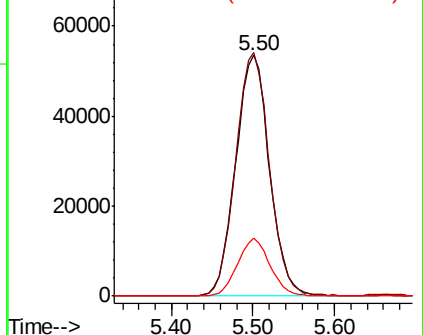
192 23.0 17.1 25.7

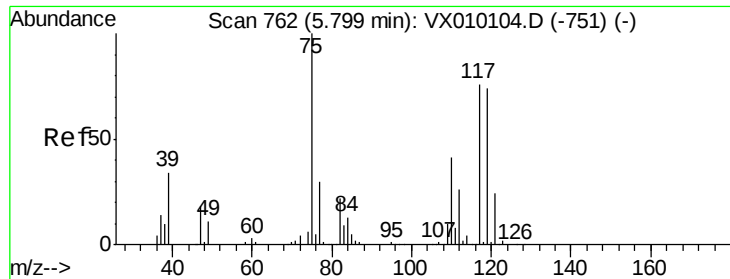


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

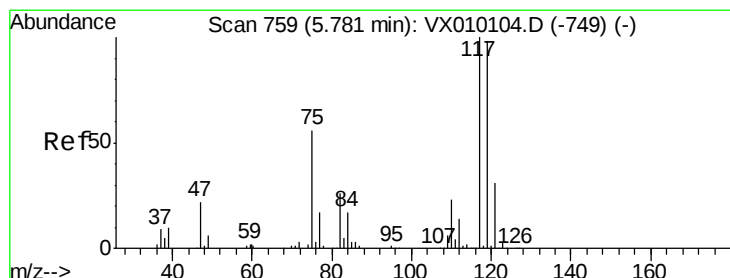
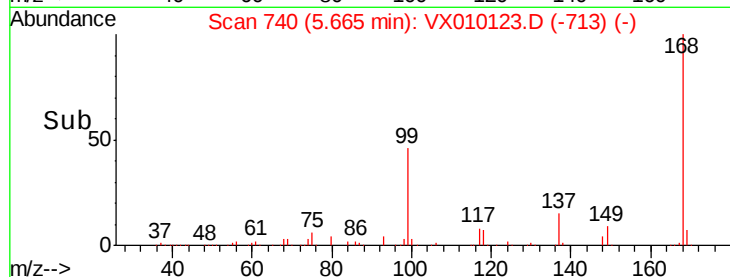
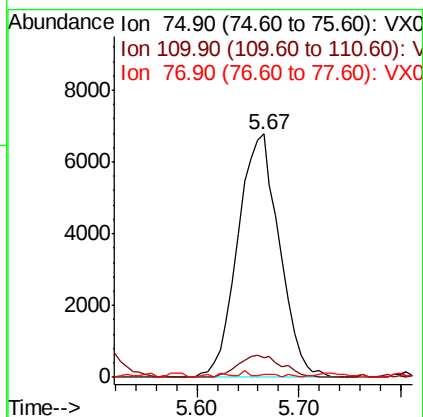
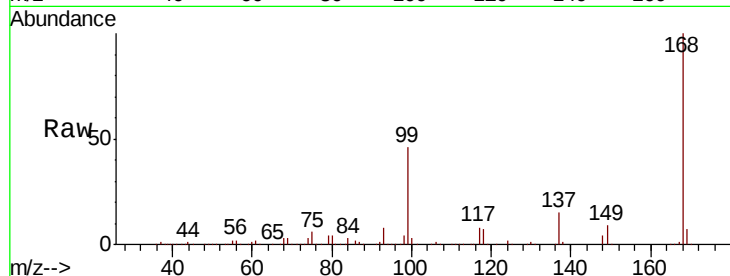




#36
 1,1-Dichloropropene
 Concen: 4.767 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010123.D
 Acq: 07 Jun 2019 20:57

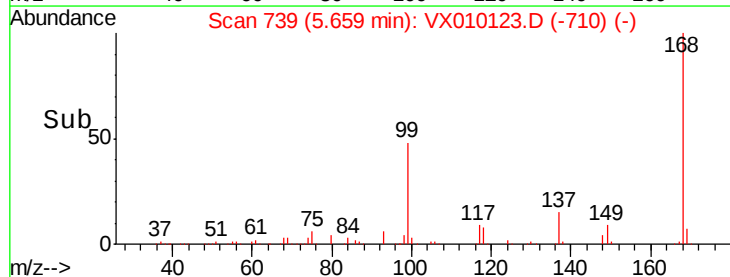
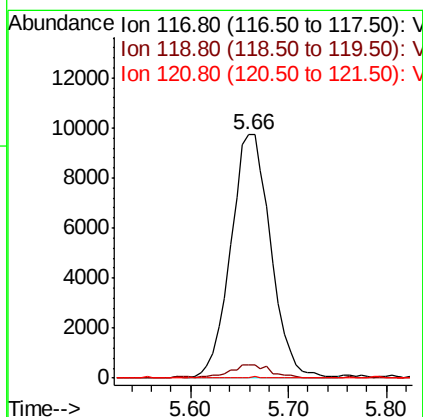
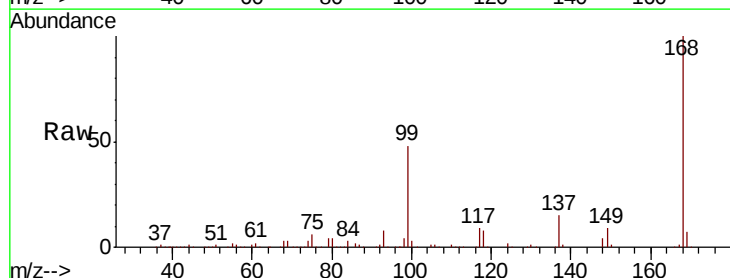
Instrument :
 MSVOA_X
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 BPS1-TT-MW301I-20190605

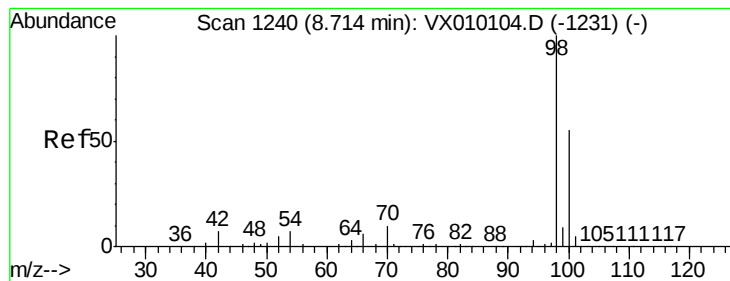
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.6	16.7	50.1#
77	0.5	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.063 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX010123.D
 Acq: 07 Jun 2019 20:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.3	115.9#
121	0.0	25.4	38.0#





#50

Toluene-d8

Concen: 50.717 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010123.D

Acq: 07 Jun 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

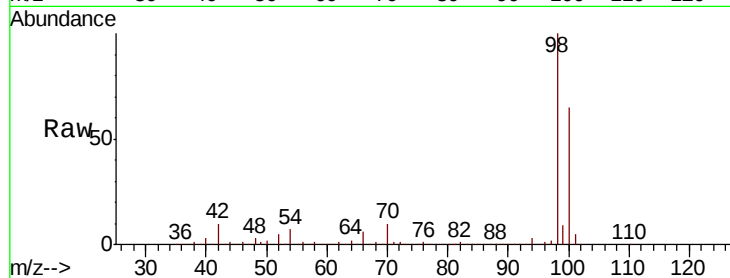
BPS1-TT-MW301I-20190605

Tot Ion: 98 Resp: 578625

Ion Ratio Lower Upper

98 100

100 64.5 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

400000

300000

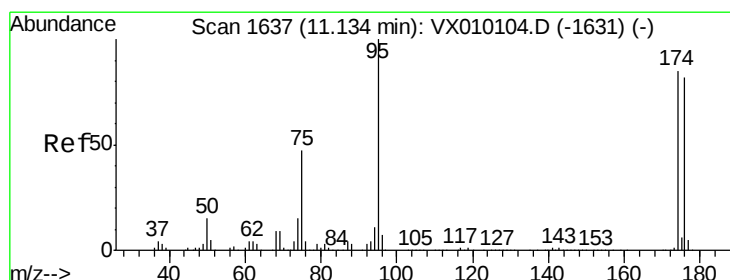
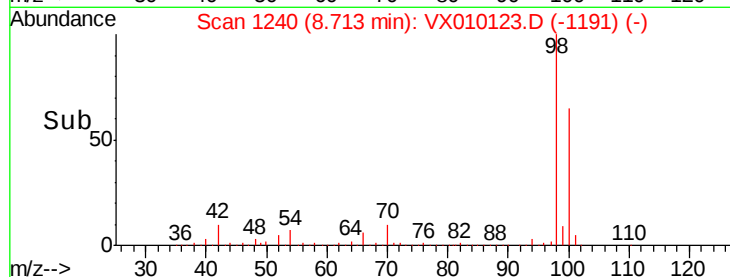
200000

100000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 48.280 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010123.D

Acq: 07 Jun 2019 20:57

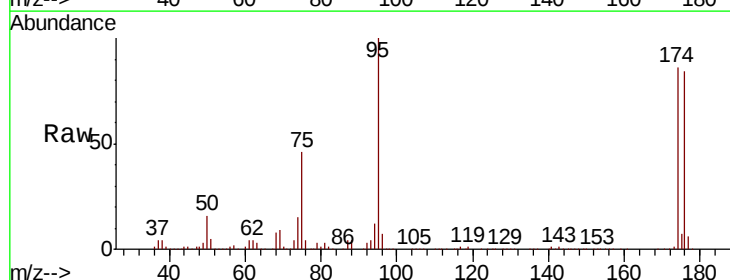
Tgt Ion: 95 Resp: 205710

Ion Ratio Lower Upper

95 100

174 90.5 0.0 160.4

176 88.5 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

200000

150000

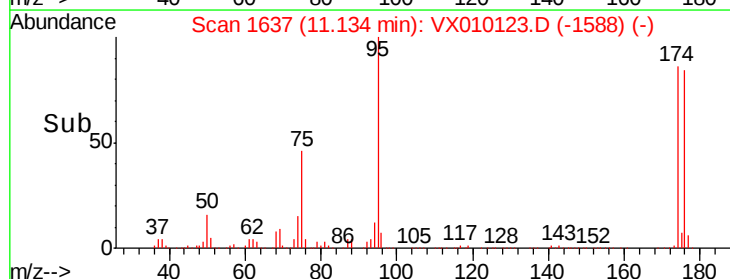
100000

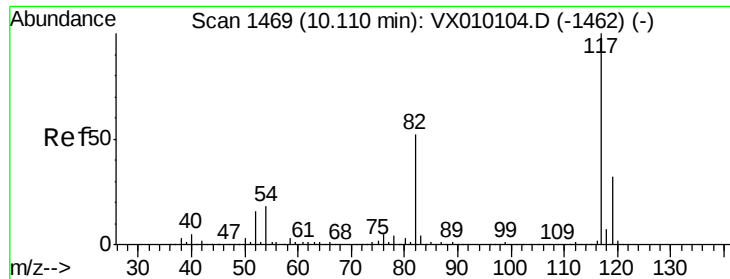
50000

0

11.10 11.20

Time-->

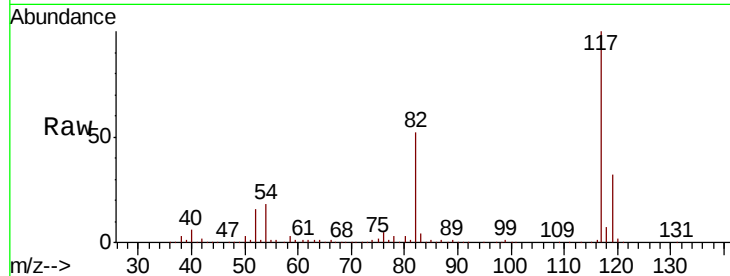




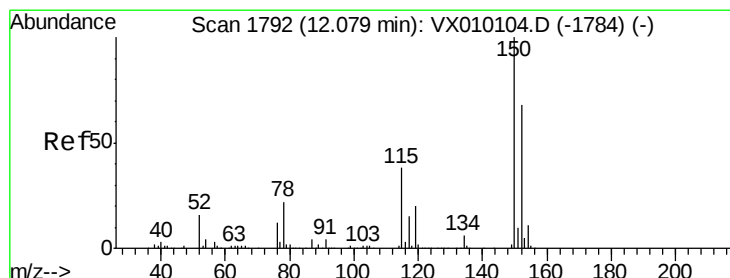
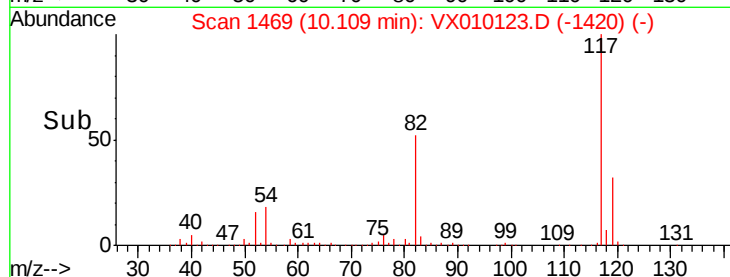
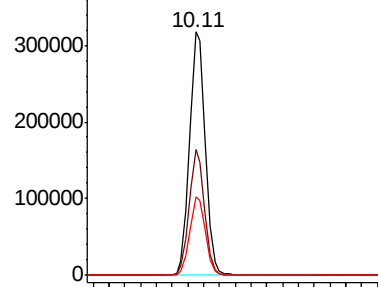
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010123.D
Acq: 07 Jun 2019 20:57

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW301I-20190605

Tot Ion:117 Resp: 444084
Ion Ratio Lower Upper
117 100
82 51.7 49.2 73.8
119 32.1 25.2 37.8

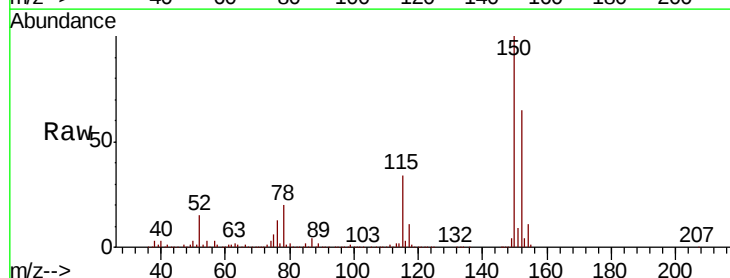


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

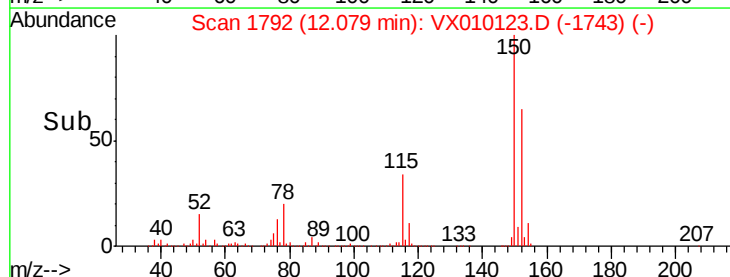
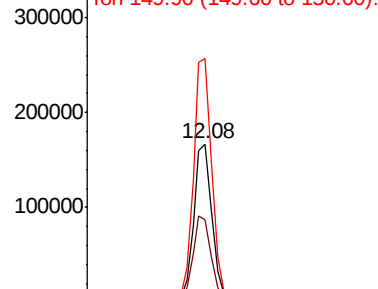


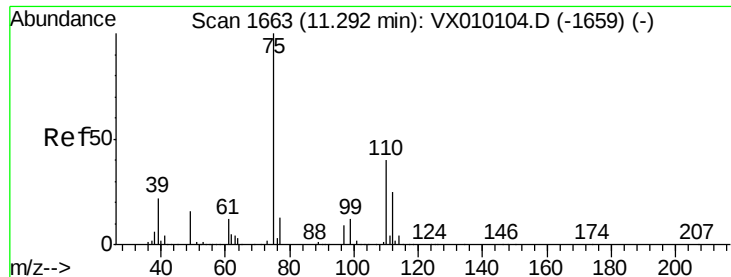
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010123.D
Acq: 07 Jun 2019 20:57

Tgt Ion:152 Resp: 210245
Ion Ratio Lower Upper
152 100
115 54.6 41.4 124.2
150 156.0 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

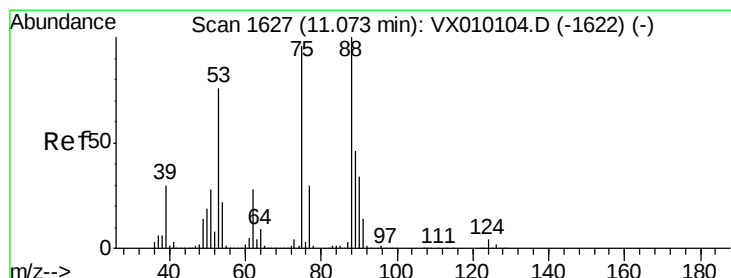
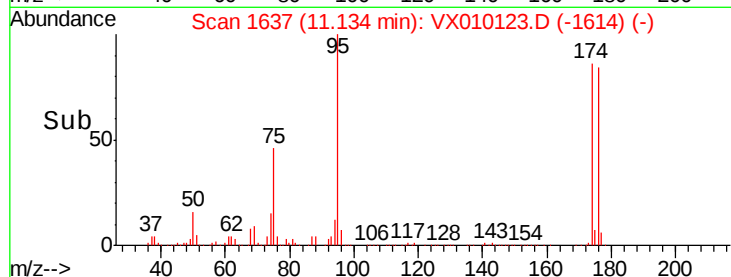
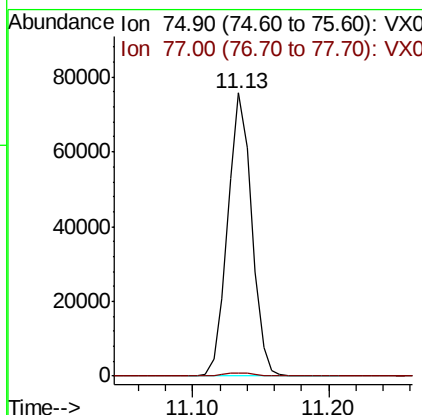
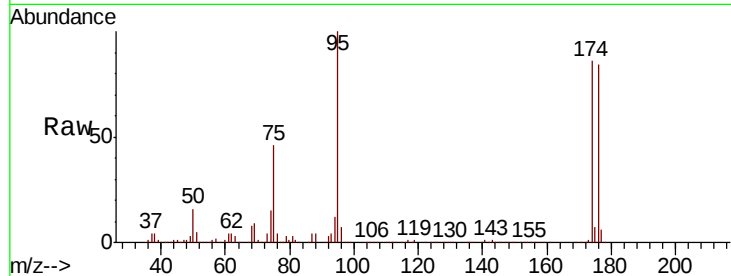




#76
 1,2,3-Trichloropropane
 Concen: 22.163 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010123.D
 Acq: 07 Jun 2019 20:57

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW301I-20190605

Tot Ion: 75 Resp: 93201
 Ion Ratio Lower Upper
 75 100
 77 1.5 22.1 66.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.967 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010123.D
 Acq: 07 Jun 2019 20:57

Tgt Ion: 75 Resp: 93201
 Ion Ratio Lower Upper
 75 100
 53 0.2 79.8 119.6#
 89 0.0 34.2 51.4#

