

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010127.D
 Acq On : 07 Jun 2019 22:31
 Operator : JC/SP
 Sample : K3221-08 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW314S-20190605

Quant Time: Jun 08 02:25:00 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	293644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	448624	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	404838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196550	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	134715	47.00	ug/l	0.00
Spiked Amount			Recovery	=	94.00%	
35) Dibromofluoromethane	5.49	113	137538	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
50) Toluene-d8	8.71	98	526441	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.13	95	186316	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	

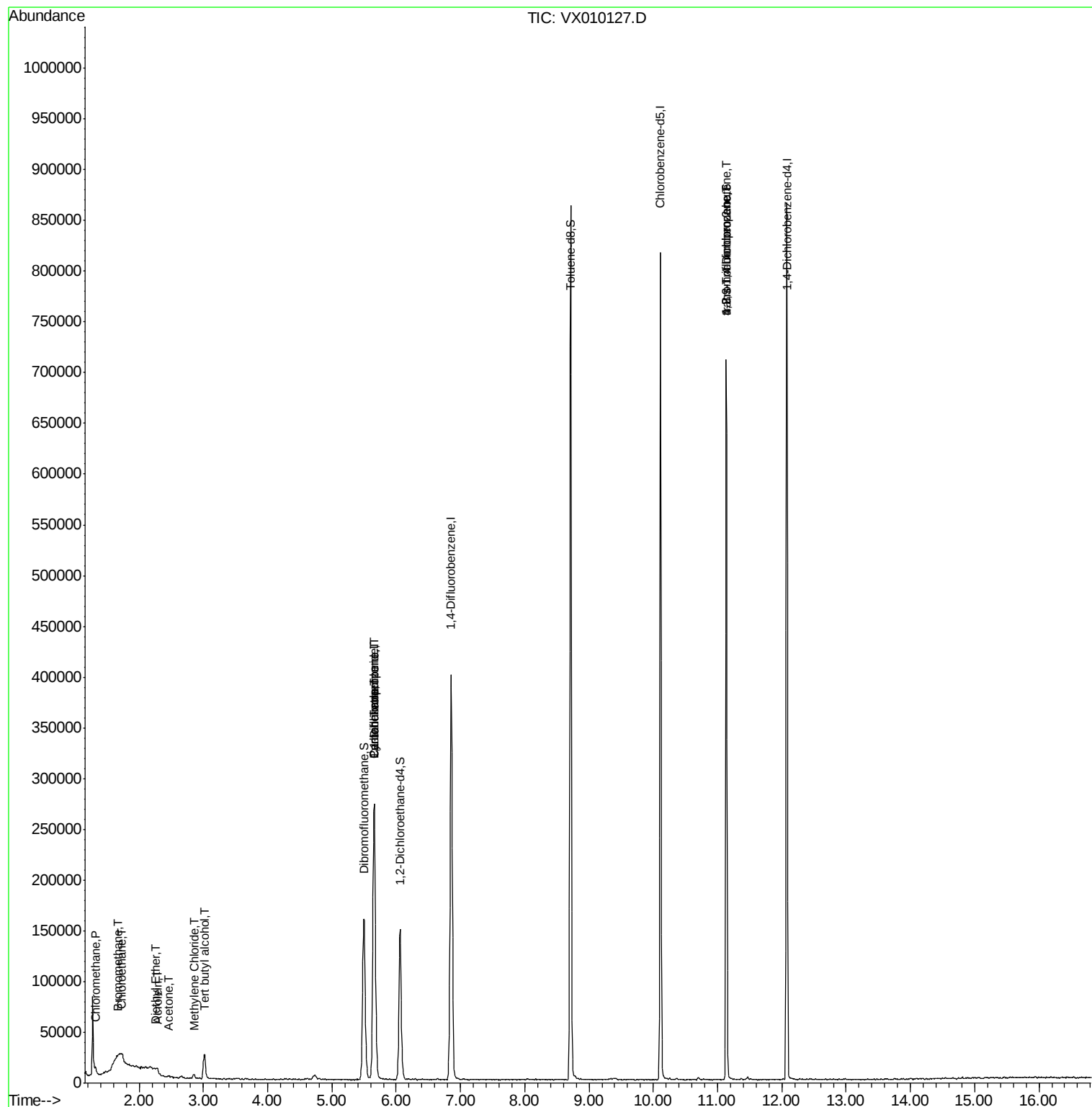
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	714	0.266	ug/l #	88
5) Bromomethane	1.66	94	313	0.329	ug/l #	2
6) Chloroethane	1.72	64	274	0.215	ug/l #	43
8) Diethyl Ether	2.26	74	267	0.207	ug/l	50
11) Tert butyl alcohol	3.02	59	14168	20.178	ug/l #	87
13) Acrolein	2.29	56	272	2.124	ug/l #	14
16) Acetone	2.45	43	1338	0.992	ug/l	93
20) Methylene Chloride	2.85	84	2147	0.725	ug/l #	82
31) Cyclohexane	5.66	56	4458	1.069	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	17965	4.908	ug/l #	51
38) Carbon Tetrachloride	5.65	117	25124	6.065	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	83770	21.308	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	83770	47.079	ug/l #	10

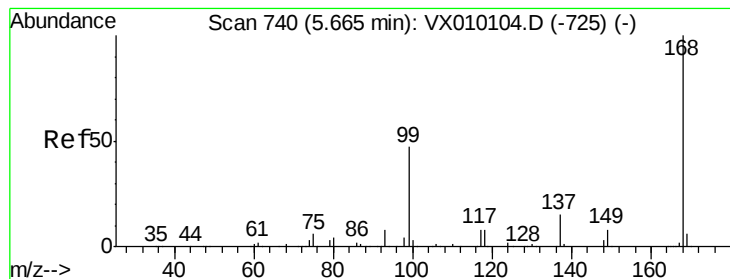
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060719\
Data File : VX010127.D
Acq On : 07 Jun 2019 22:31
Operator : JC/SP
Sample : K3221-08 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW314S-20190605

Quant Time: Jun 08 02:25:00 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: VX010127.D

Acq: 07 Jun 2019 22:31

Instrument :

MSVOA_X

ClientSampleId :

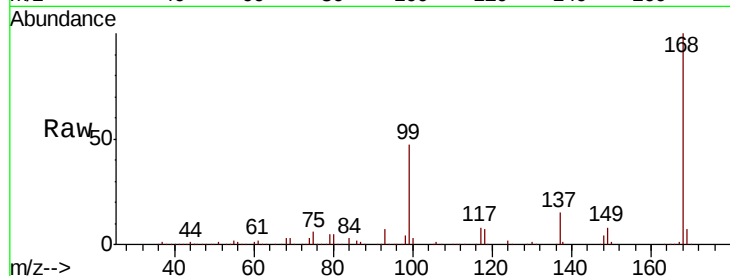
BPS1-TT-MW314S-20190605

Tot Ion:168 Resp: 293644

Ion Ratio Lower Upper

168 100

99 47.0 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

120000

100000

80000

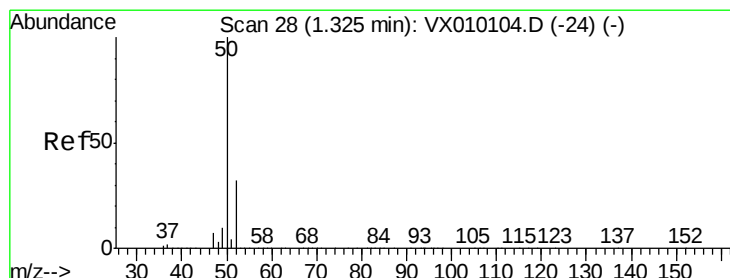
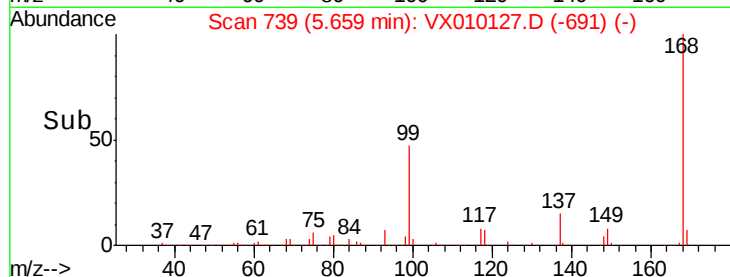
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.266 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010127.D

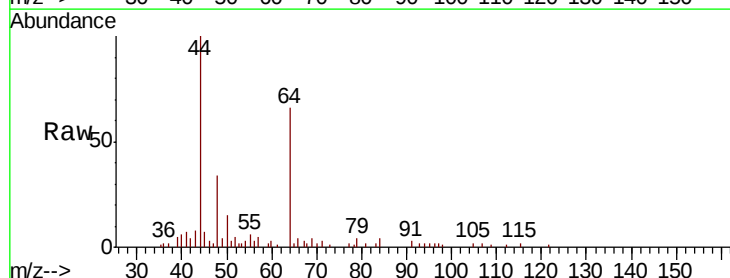
Acq: 07 Jun 2019 22:31

Tgt Ion: 50 Resp: 714

Ion Ratio Lower Upper

50 100

52 25.9 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

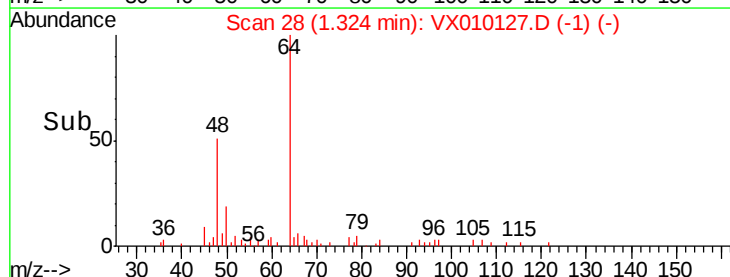
600

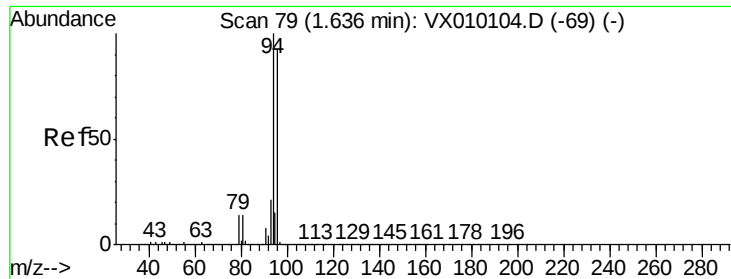
400

200

0

Time-->





#5

Bromomethane

Concen: 0.329 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX010127.D

Acq: 07 Jun 2019 22:31

Instrument :

MSVOA_X

ClientSampleId :

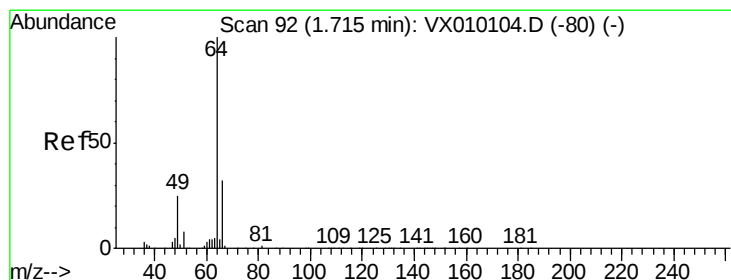
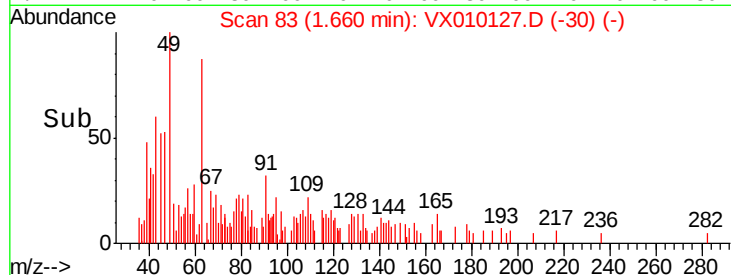
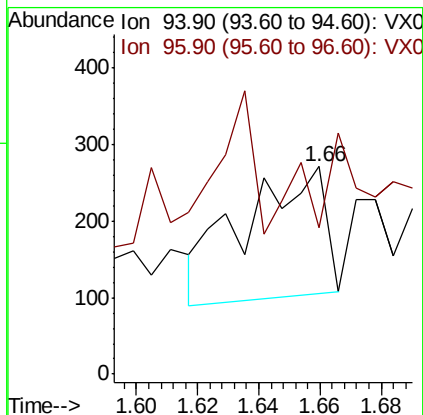
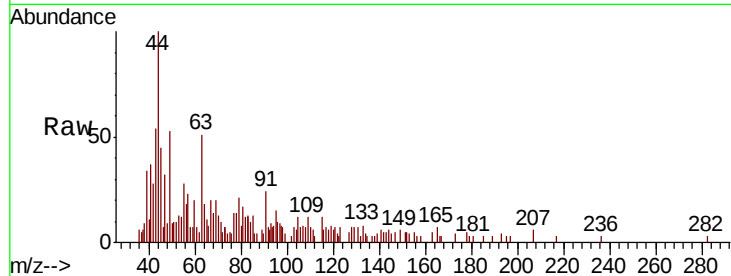
BPS1-TT-MW314S-20190605

Tot Ion: 94 Resp: 313

Ion Ratio Lower Upper

94 100

96 0.0 76.2 114.4#



#6

Chloroethane

Concen: 0.215 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010127.D

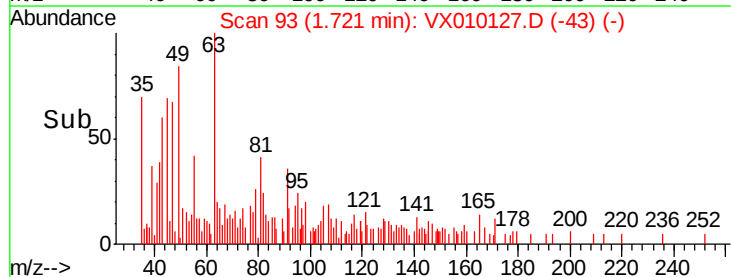
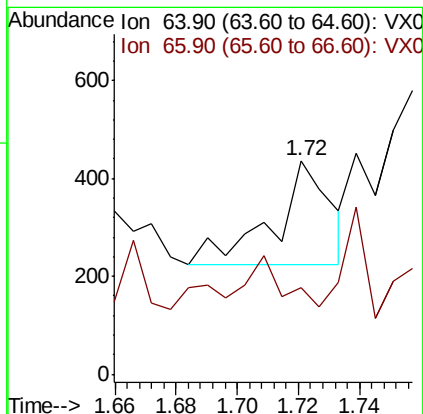
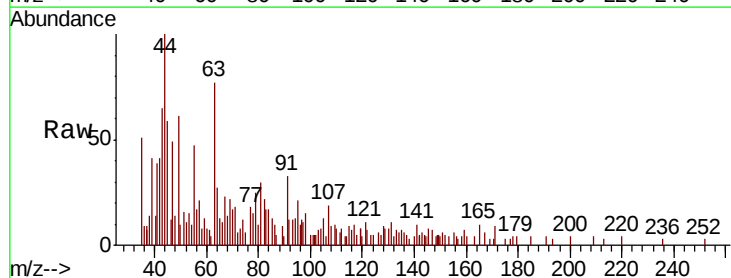
Acq: 07 Jun 2019 22:31

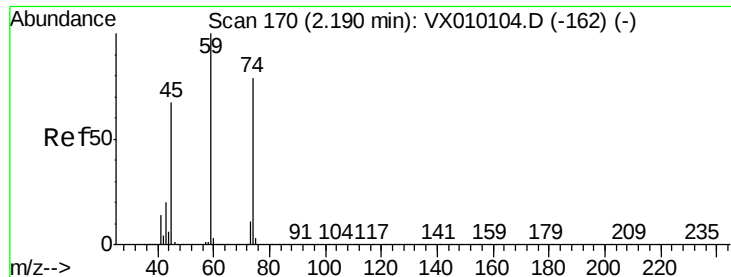
Tgt Ion: 64 Resp: 274

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#





#8

Diethyl Ether

Concen: 0.207 ug/l

RT: 2.26 min Scan# 182

Delta R.T. 0.07 min

Lab File: VX010127.D

Acq: 07 Jun 2019 22:31

Instrument :

MSVOA_X

ClientSampleId :

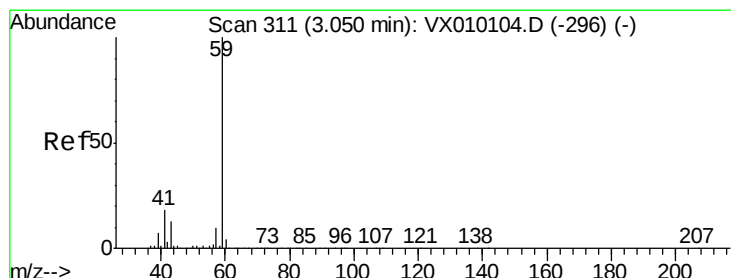
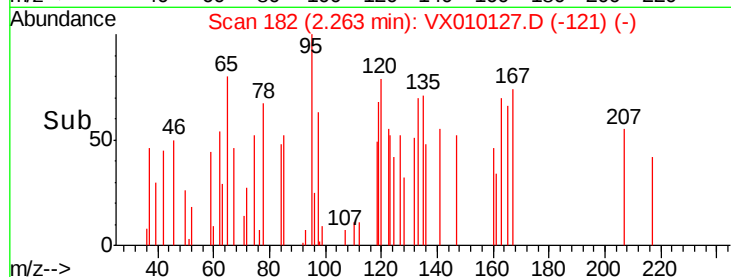
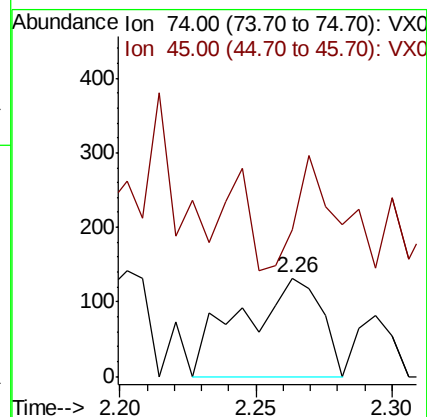
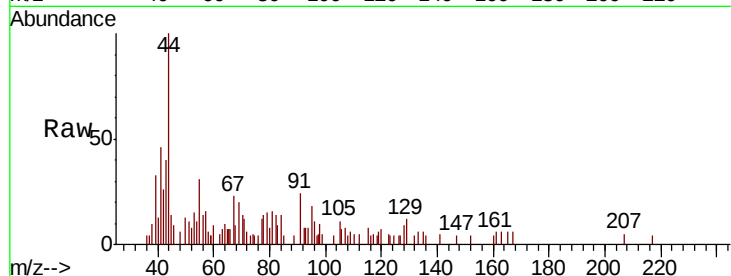
BPS1-TT-MW314S-20190605

Tot Ion: 74 Resp: 267

Ion Ratio Lower Upper

74 100

45 58.4 56.1 168.3



#11

Tert butyl alcohol

Concen: 20.178 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.03 min

Lab File: VX010127.D

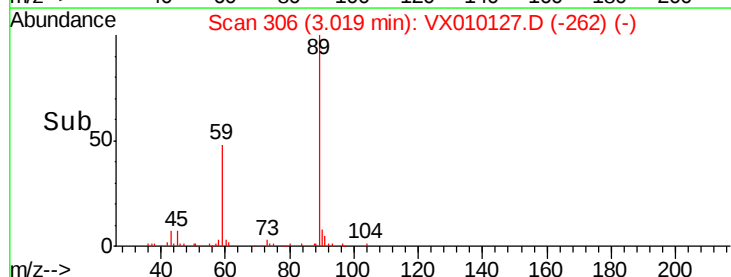
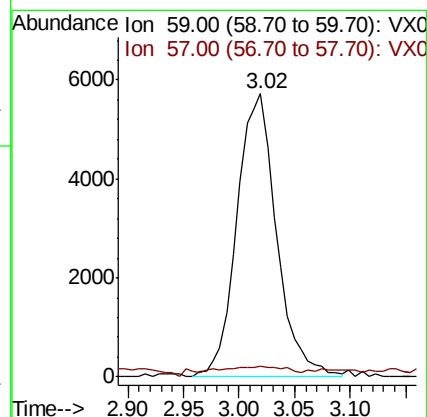
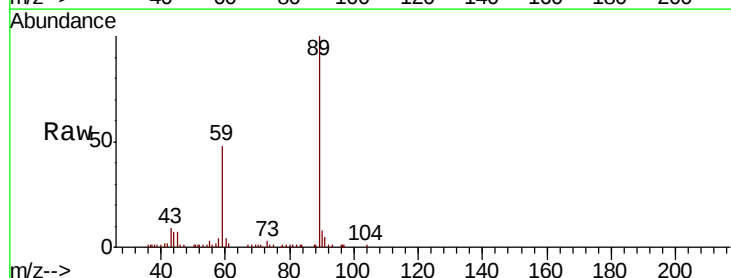
Acq: 07 Jun 2019 22:31

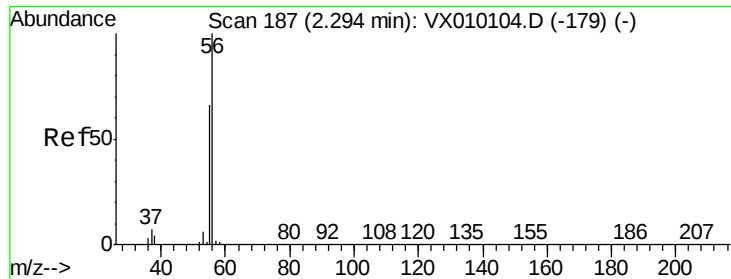
Tgt Ion: 59 Resp: 14168

Ion Ratio Lower Upper

59 100

57 5.5 8.2 12.2#





#13

Acrolein

Concen: 2.124 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX010127.D

Acq: 07 Jun 2019 22:31

Instrument :

MSVOA_X

ClientSampleId :

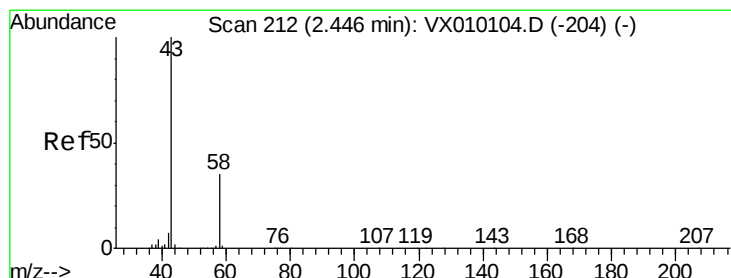
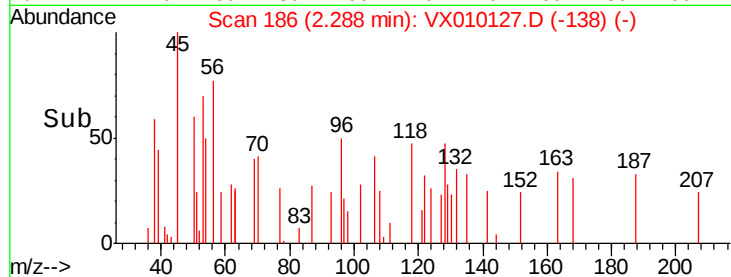
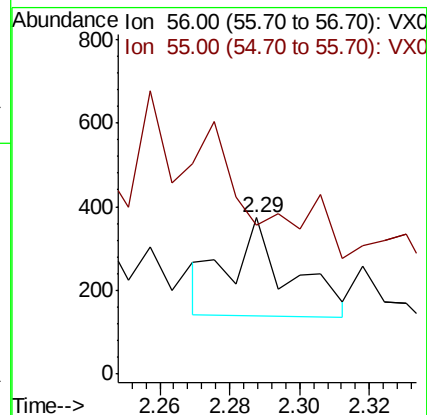
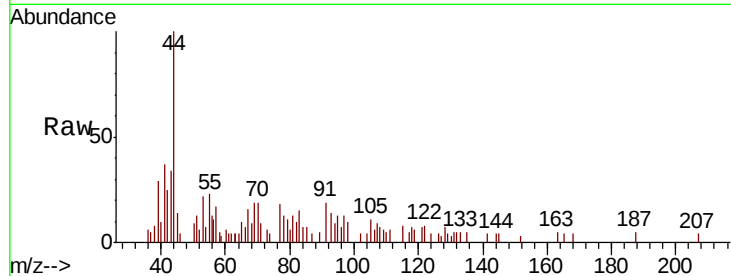
BPS1-TT-MW314S-20190605

Tot Ion: 56 Resp: 272

Ion Ratio Lower Upper

56 100

55 0.0 57.0 85.4#



#16

Acetone

Concen: 0.992 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX010127.D

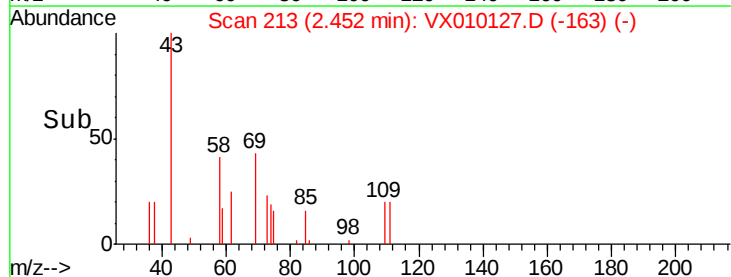
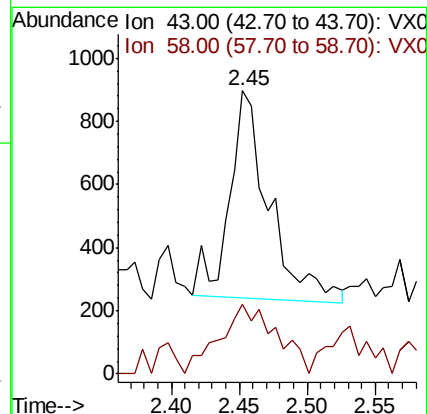
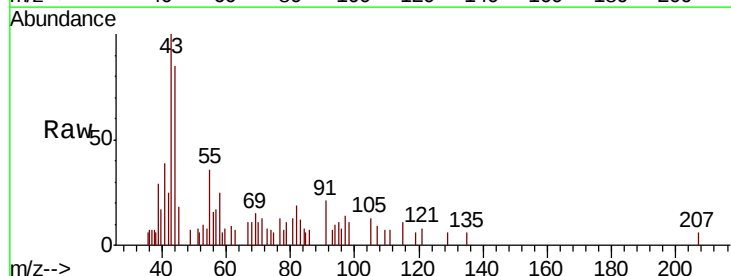
Acq: 07 Jun 2019 22:31

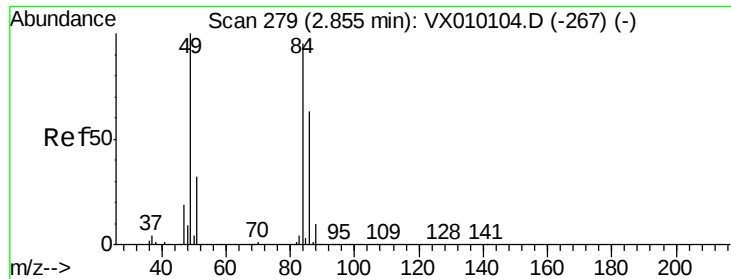
Tgt Ion: 43 Resp: 1338

Ion Ratio Lower Upper

43 100

58 25.3 23.2 34.8

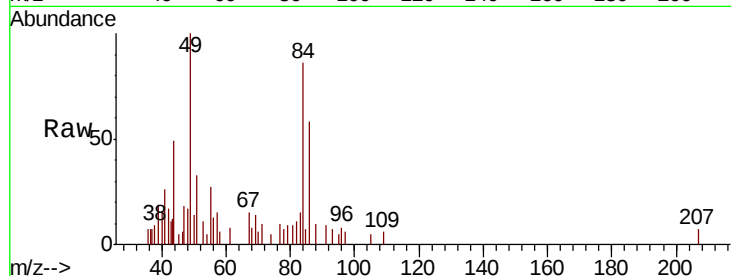




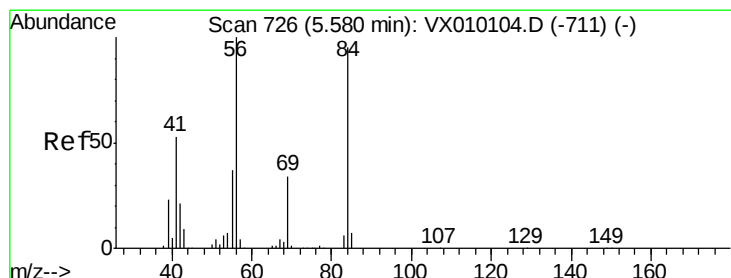
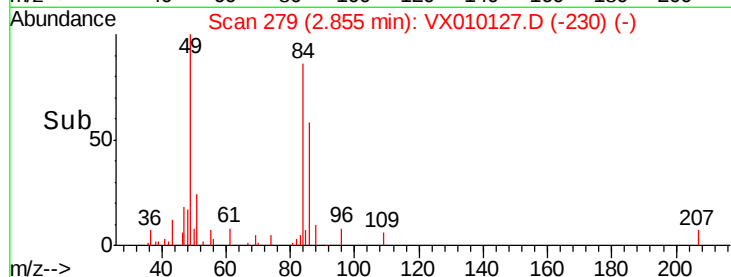
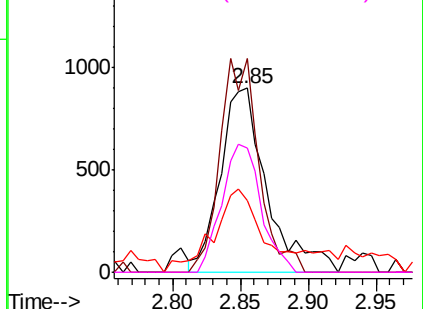
#20
Methvlene Chloride
Concen: 0.725 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010127.D
Acq: 07 Jun 2019 22:31

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW314S-20190605

Tot Ion: 84 Resp: 2147
Ion Ratio Lower Upper
84 100
49 116.0 115.8 173.6
51 32.7 34.4 51.6#
86 67.7 49.7 74.5

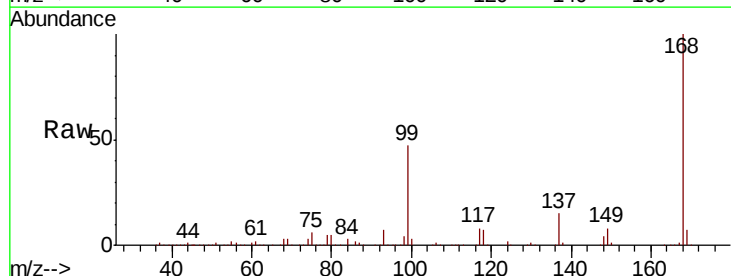


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

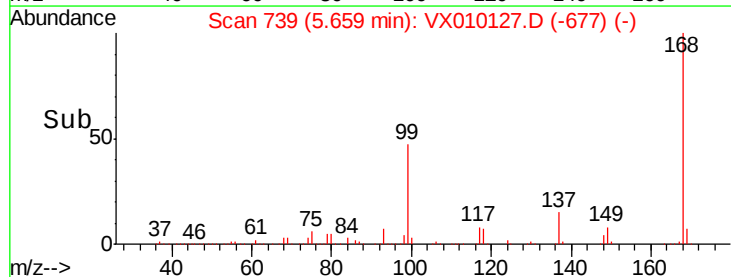
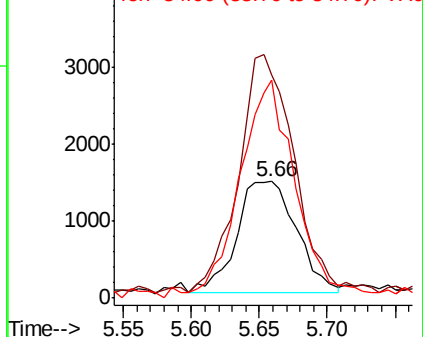


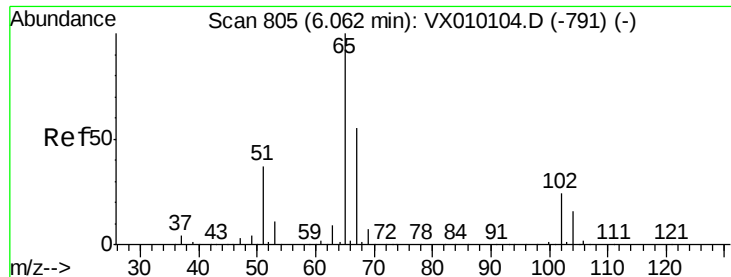
#31
Cyclohexane
Concen: 1.069 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX010127.D
Acq: 07 Jun 2019 22:31

Tgt Ion: 56 Resp: 4458
Ion Ratio Lower Upper
56 100
69 195.2 21.6 32.4#
84 190.3 56.8 85.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.000 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010127.D

Acq: 07 Jun 2019 22:31

Instrument :

MSVOA_X

ClientSampleId :

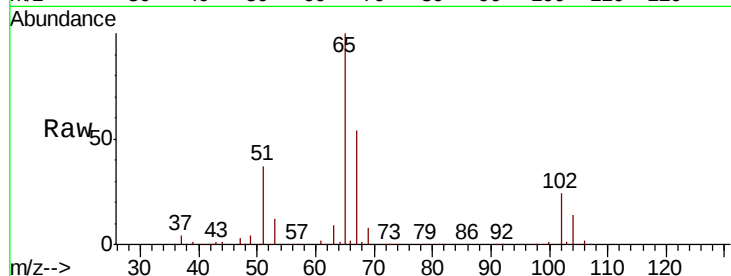
BPS1-TT-MW314S-20190605

Tot Ion: 65 Resp: 134715

Ion Ratio Lower Upper

65 100

67 54.5 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

50000

40000

30000

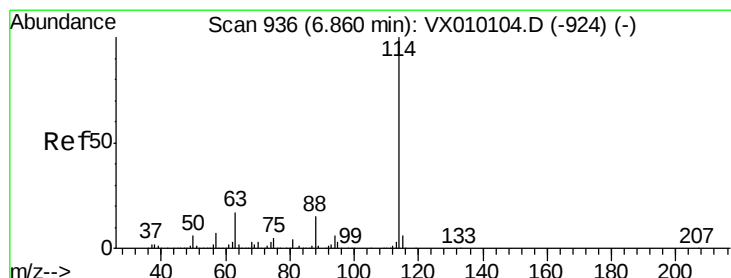
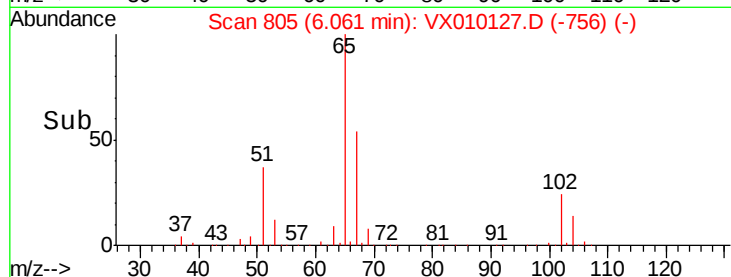
20000

10000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010127.D

Acq: 07 Jun 2019 22:31

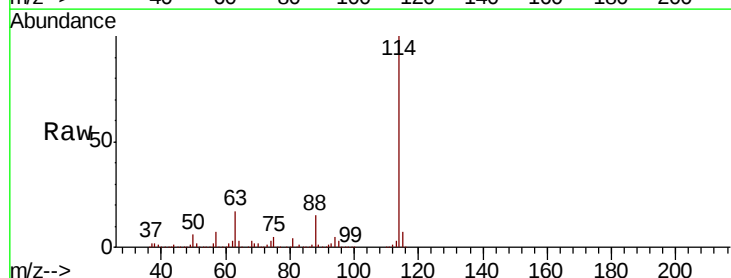
Tgt Ion: 114 Resp: 448624

Ion Ratio Lower Upper

114 100

63 17.3 0.0 47.4

88 14.9 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

250000

200000

150000

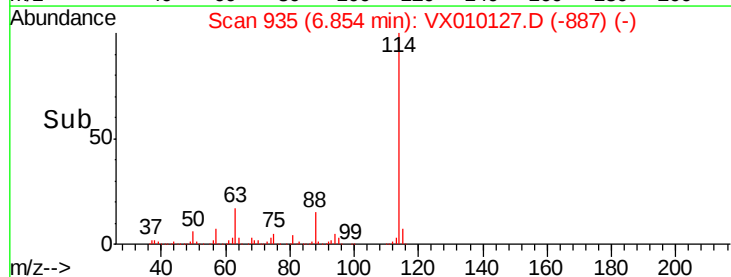
100000

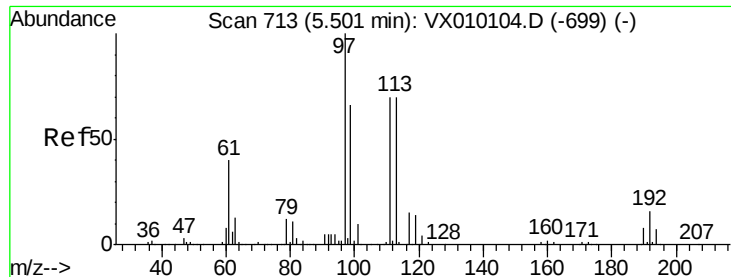
50000

0

Time-->

6.70 6.80 6.90 7.00

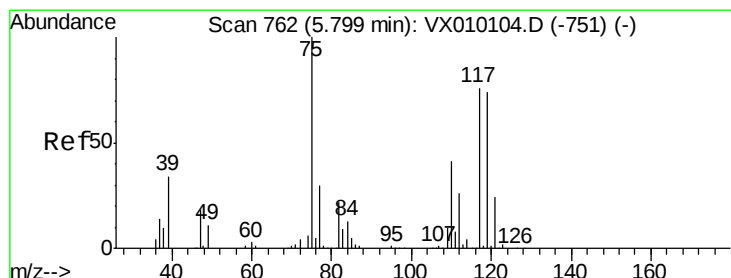
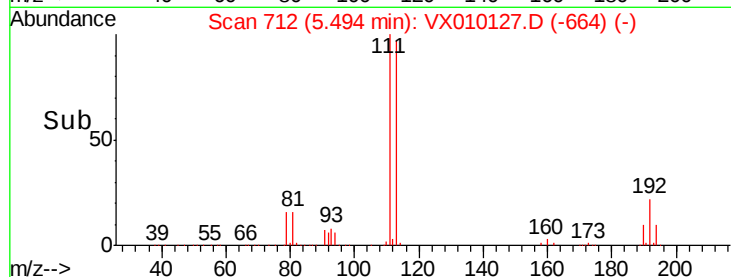
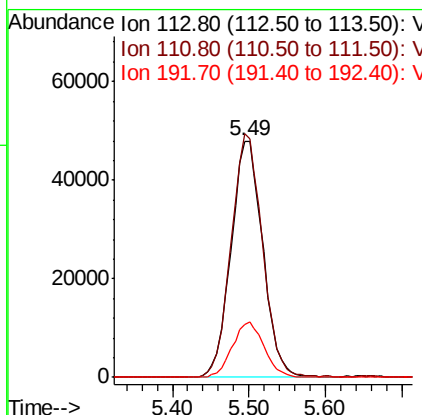
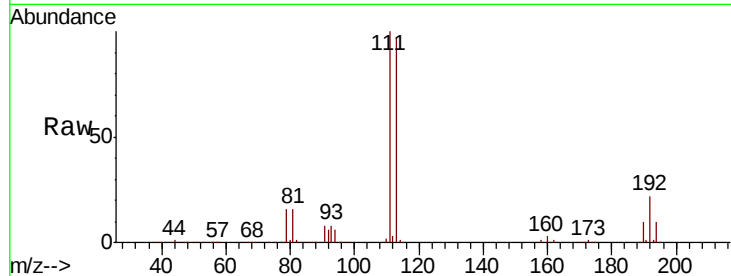




#35
Dibromofluoromethane
Concen: 49.703 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010127.D
Acq: 07 Jun 2019 22:31

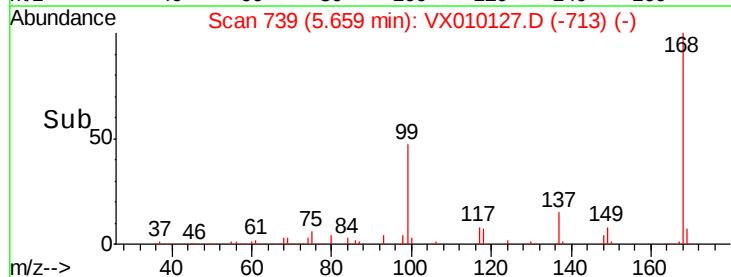
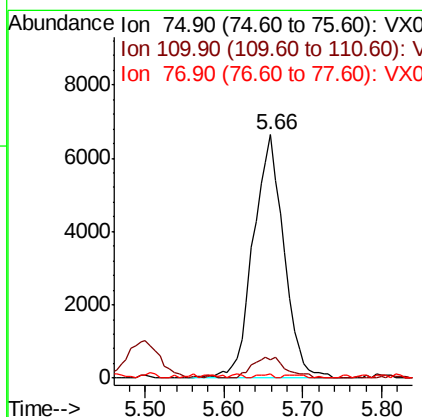
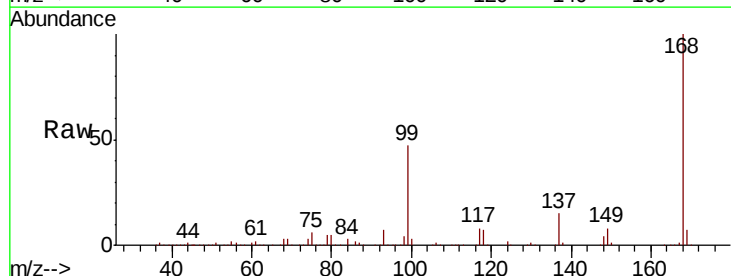
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW314S-20190605

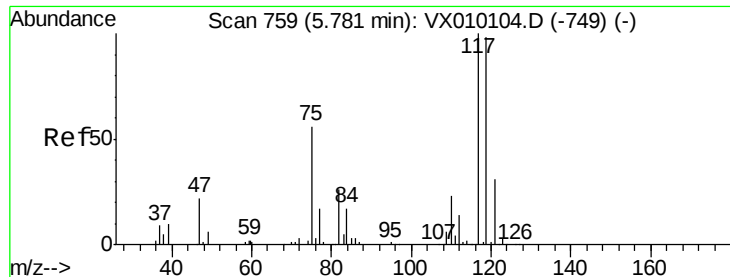
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.2	123.2
192	23.5	17.1	25.7



#36
1,1-Dichloropropene
Concen: 4.908 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX010127.D
Acq: 07 Jun 2019 22:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	16.7	50.1#
77	0.7	25.0	37.4#

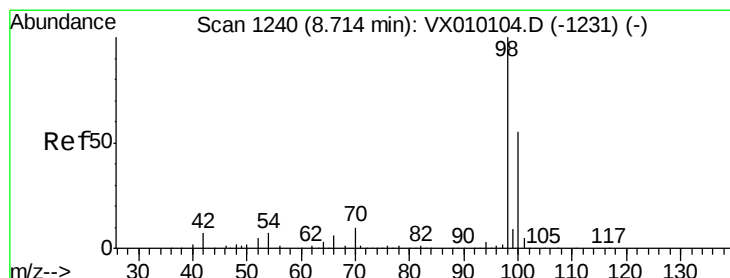
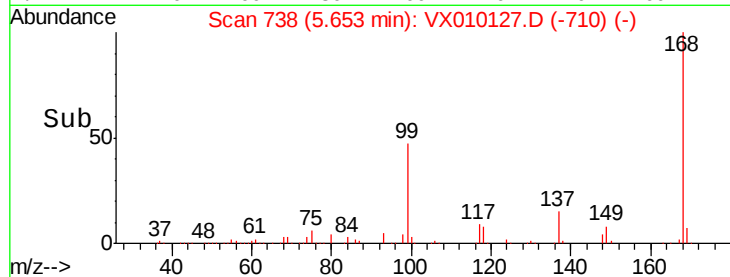
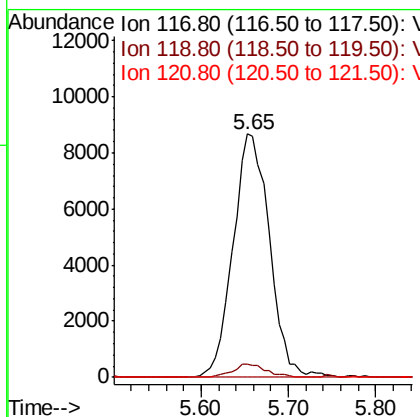
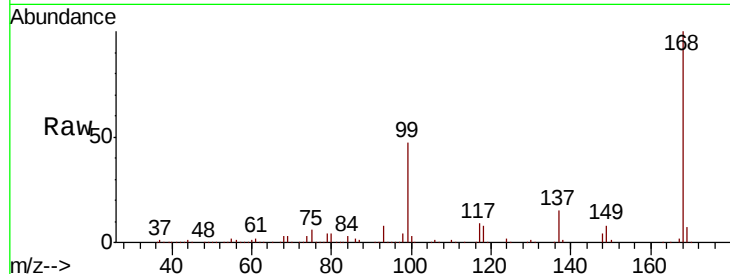




#38
 Carbon Tetrachloride
 Concen: 6.065 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.13 min
 Lab File: VX010127.D
 Acq: 07 Jun 2019 22:31

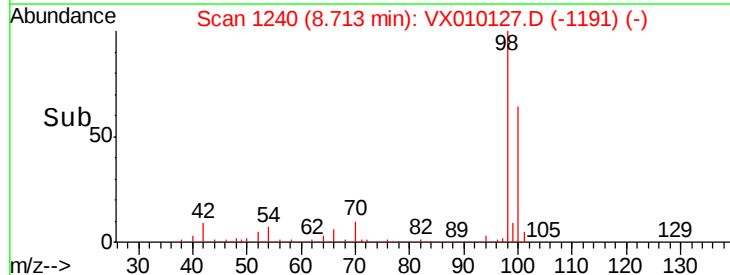
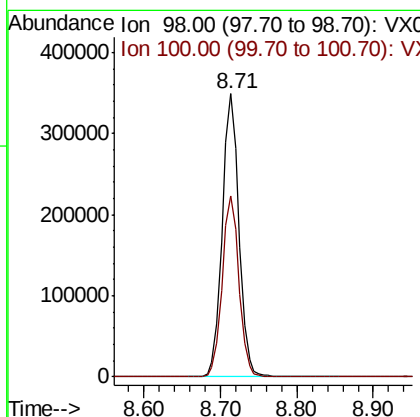
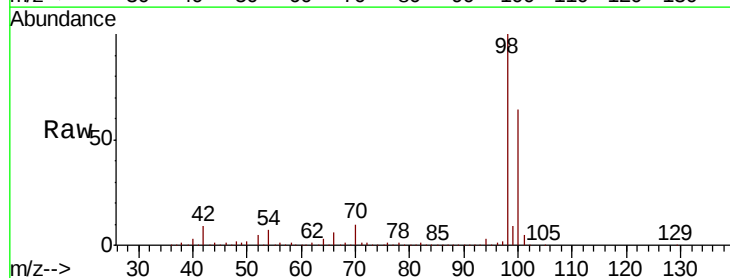
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW314S-20190605

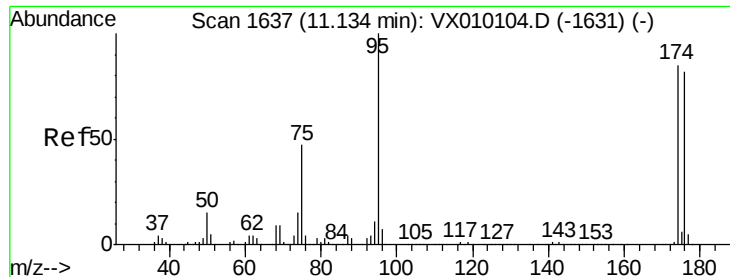
Tot Ion:117 Resp: 25124
 Ion Ratio Lower Upper
 117 100
 119 5.4 77.3 115.9#
 121 0.0 25.4 38.0#



#50
 Toluene-d8
 Concen: 50.760 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010127.D
 Acq: 07 Jun 2019 22:31

Tgt Ion: 98 Resp: 526441
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 48.104 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010127.D

Acq: 07 Jun 2019 22:31

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW314S-20190605

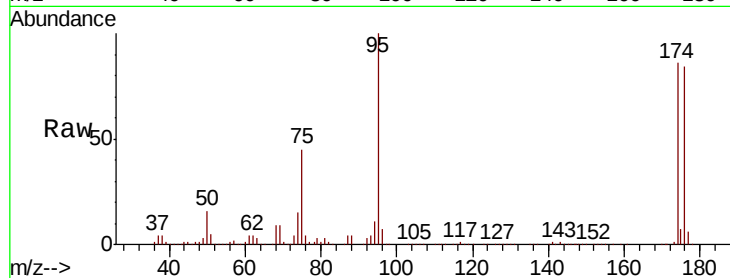
Tot Ion: 95 Resp: 186316

Ion Ratio Lower Upper

95 100

174 90.7 0.0 160.4

176 89.3 0.0 154.6

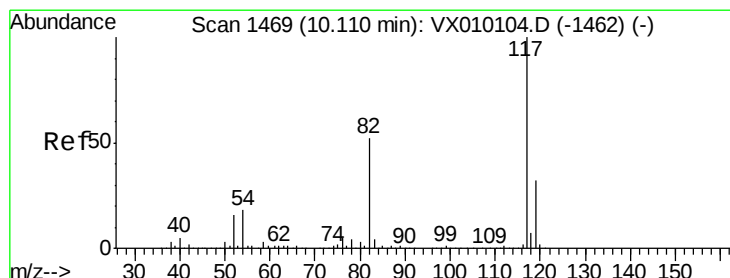
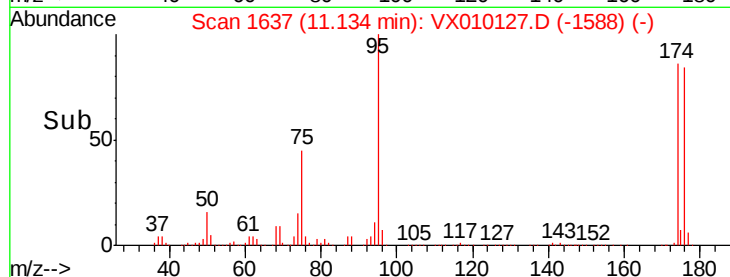
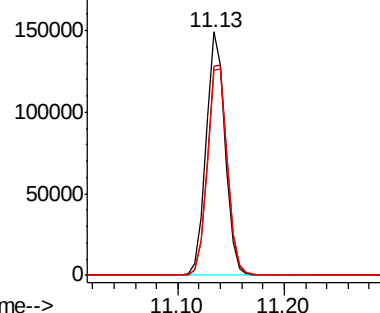


Abundance

Ion 94.90 (94.60 to 95.60): VX010104.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010104.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010104.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010127.D

Acq: 07 Jun 2019 22:31

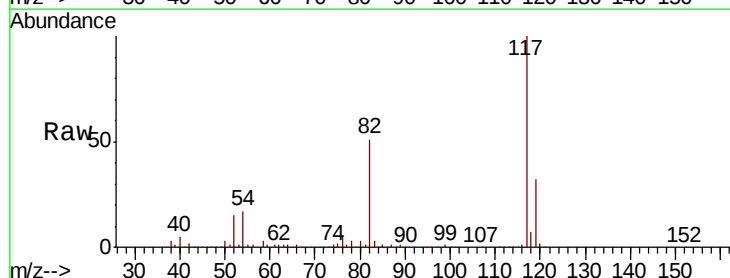
Tgt Ion: 117 Resp: 404838

Ion Ratio Lower Upper

117 100

82 50.8 49.2 73.8

119 31.6 25.2 37.8

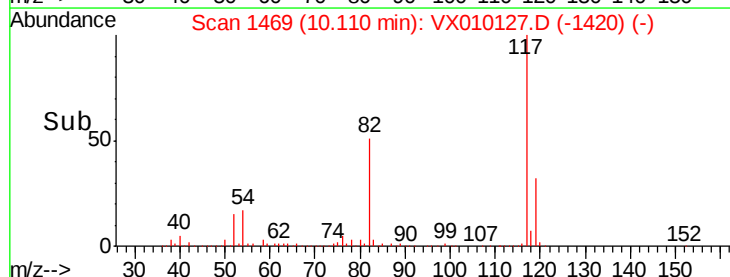
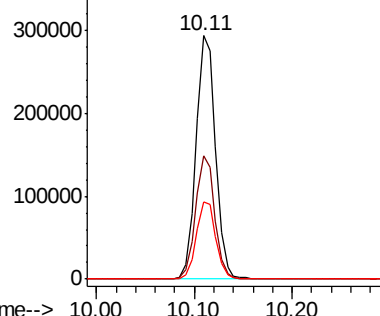


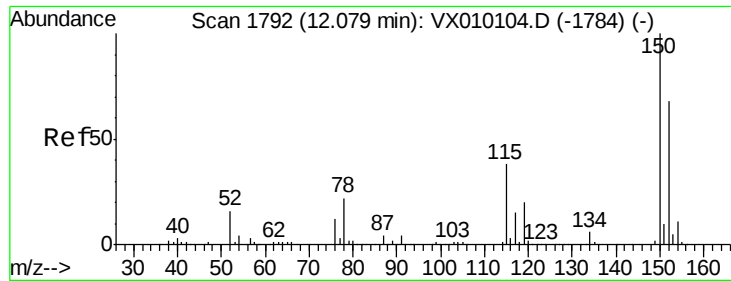
Abundance

Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010104.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010104.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010127.D

Acq: 07 Jun 2019 22:31

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW314S-20190605

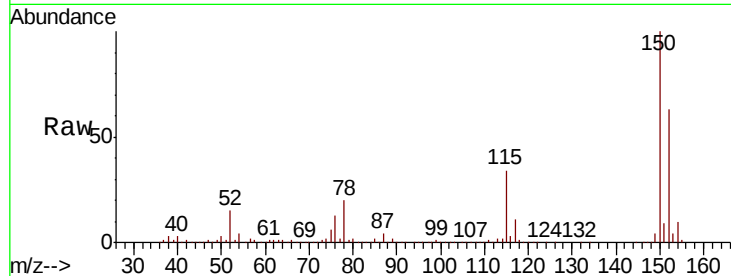
Tot Ion:152 Resp: 196550

Ion Ratio Lower Upper

152 100

115 55.1 41.4 124.2

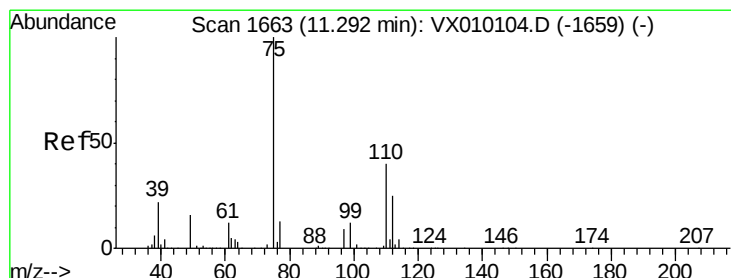
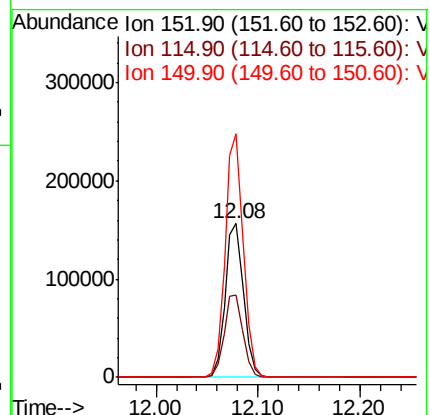
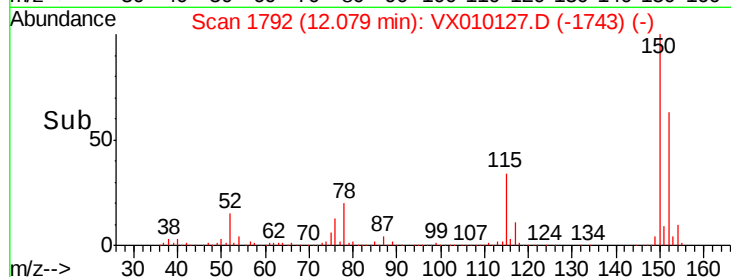
150 156.0 0.0 345.2



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: 21.308 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010127.D

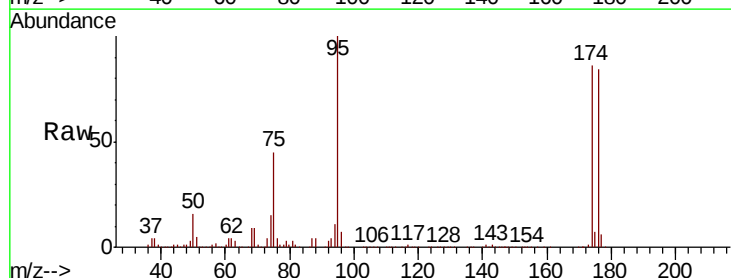
Acq: 07 Jun 2019 22:31

Tgt Ion: 75 Resp: 83770

Ion Ratio Lower Upper

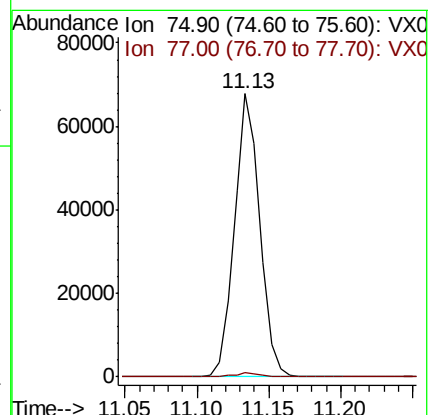
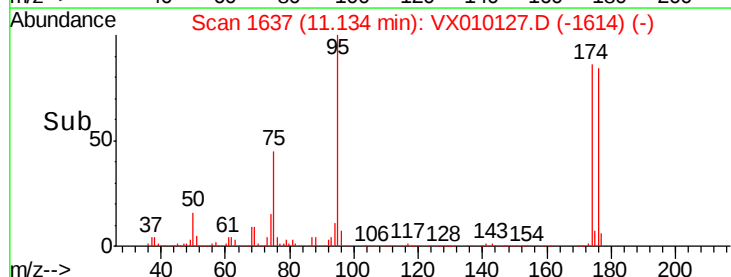
75 100

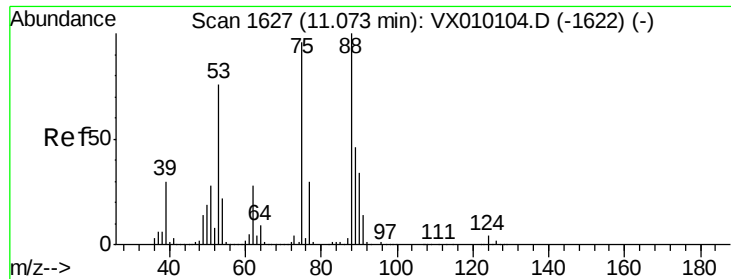
77 1.5 22.1 66.1#



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: 47.079 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010127.D

Acq: 07 Jun 2019 22:31

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW314S-20190605

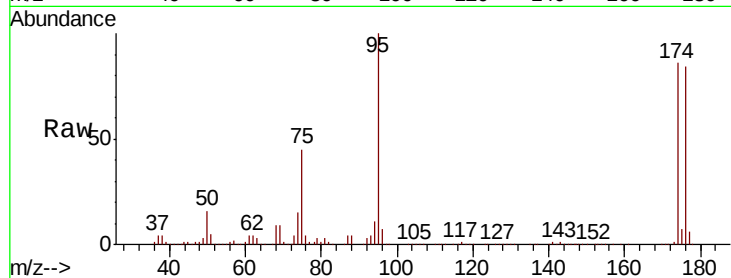
Tot Ion: 75 Resp: 83770

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

