

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010207.D
 Acq On : 11 Jun 2019 03:50
 Operator : JC/SP
 Sample : K3279-06 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW302D-20190607

Quant Time: Jun 11 06:20:28 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	236847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	355878	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	326221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155889	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	106902	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	
35) Dibromofluoromethane	5.49	113	109055	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	
50) Toluene-d8	8.71	98	421224	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.13	95	146153	47.57	ug/l	0.00
Spiked Amount			Recovery	=	95.14%	

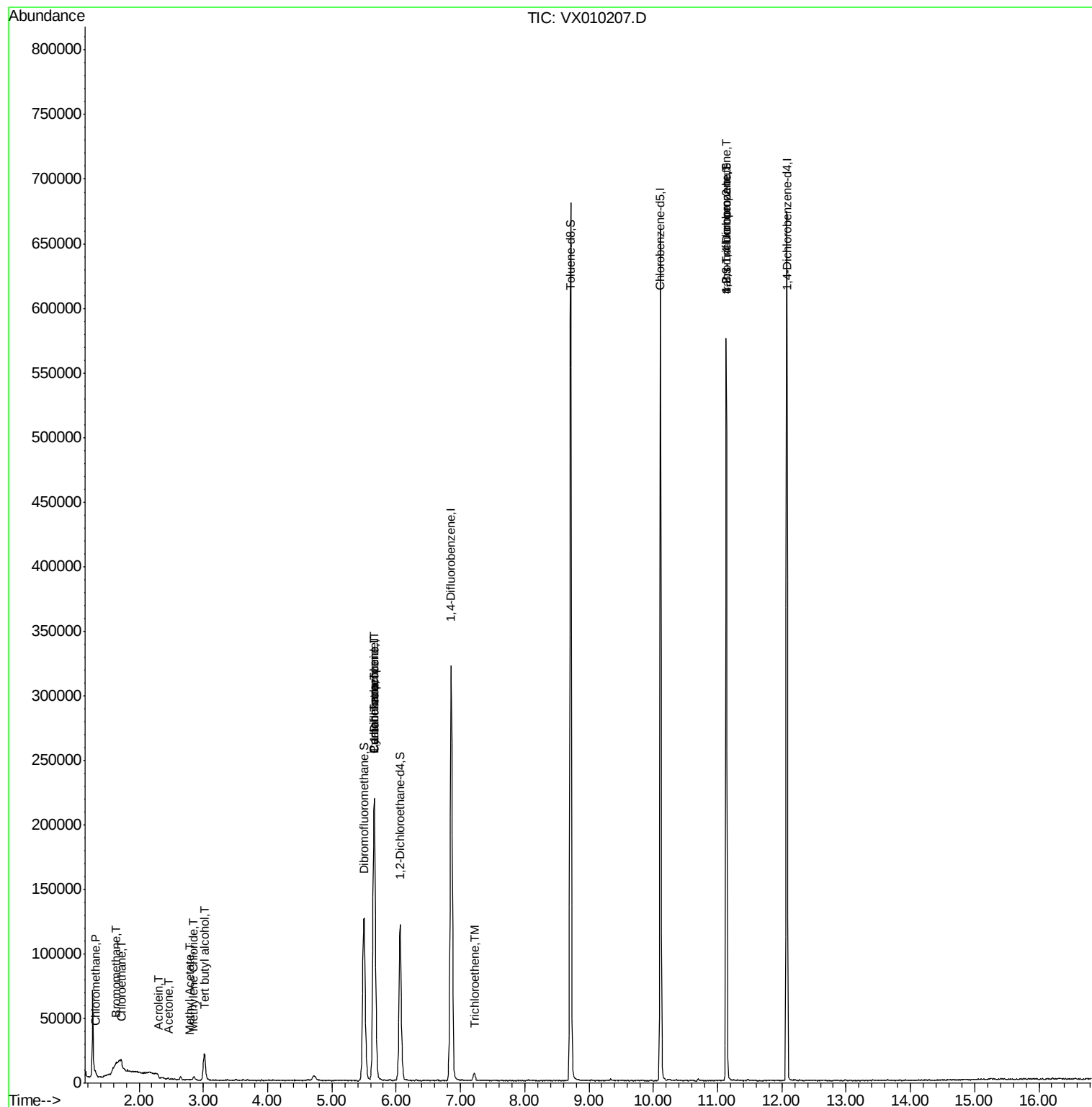
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	468	0.216	ug/l #	84
5) Bromomethane	1.64	94	428	0.558	ug/l	94
6) Chloroethane	1.74	64	222	0.216	ug/l #	4
11) Tert butyl alcohol	3.01	59	11975	21.144	ug/l #	83
13) Acrolein	2.30	56	75	0.726	ug/l #	1
16) Acetone	2.45	43	875	0.805	ug/l #	72
18) Methyl Acetate	2.78	43	506	0.212	ug/l #	89
20) Methylene Chloride	2.85	84	1426	0.597	ug/l #	62
31) Cyclohexane	5.65	56	4052	1.204	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14295	4.923	ug/l #	51
38) Carbon Tetrachloride	5.66	117	19885	6.051	ug/l #	15
44) Trichloroethene	7.21	130	2610	0.964	ug/l	77
76) 1,2,3-Trichloropropane	11.13	75	65897	21.134	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	65897	46.694	ug/l #	10

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

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Quant Time: Jun 11 06:20:28 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: VX010207.D

Acq: 11 Jun 2019 03:50

Instrument :

MSVOA_X

ClientSampleId :

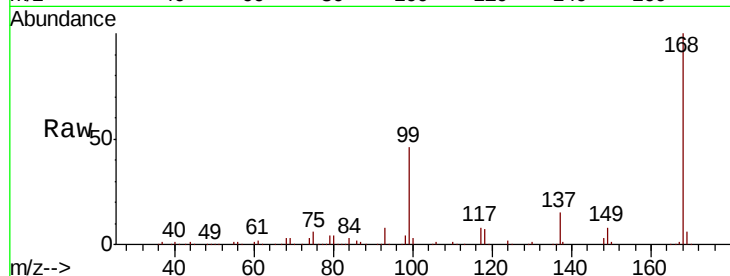
BPS1-TT-MW302D-20190607

Tot Ion:168 Resp: 236847

Ion Ratio Lower Upper

168 100

99 45.8 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

80000

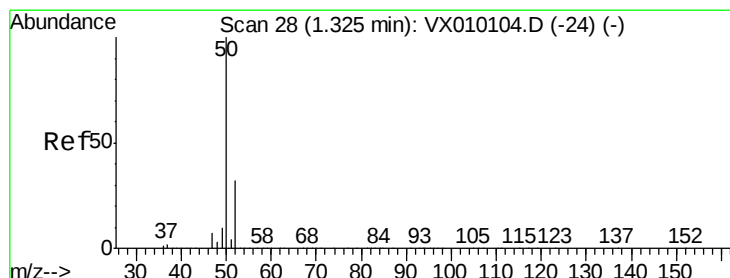
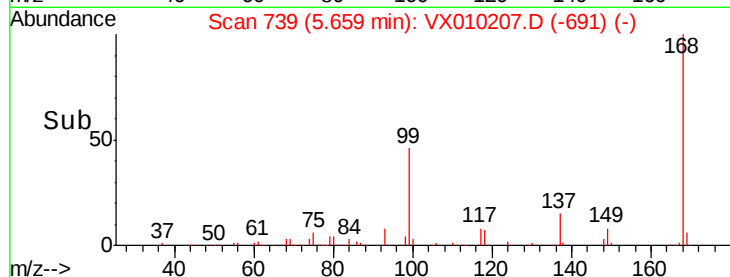
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.216 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010207.D

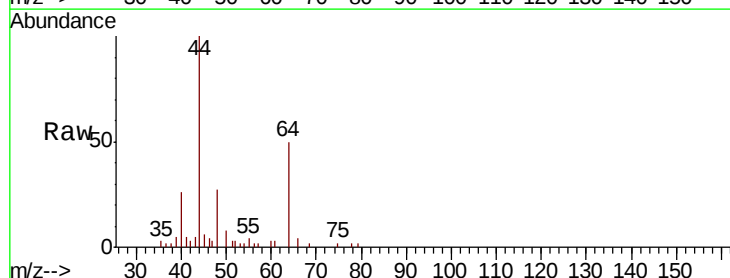
Acq: 11 Jun 2019 03:50

Tgt Ion: 50 Resp: 468

Ion Ratio Lower Upper

50 100

52 41.7 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

300

250

200

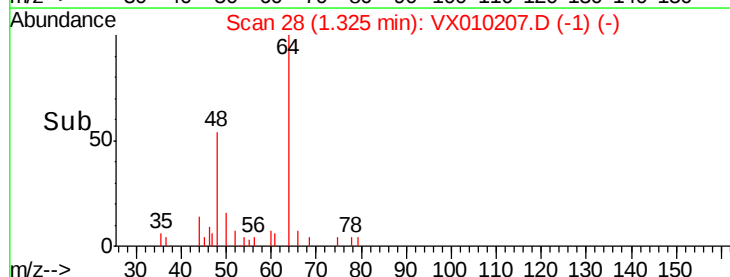
150

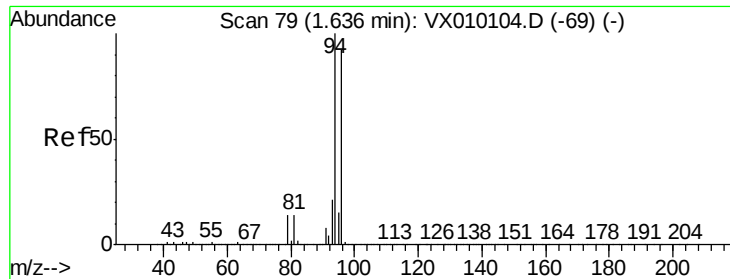
100

50

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.558 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010207.D

Acq: 11 Jun 2019 03:50

Instrument :

MSVOA_X

ClientSampleId :

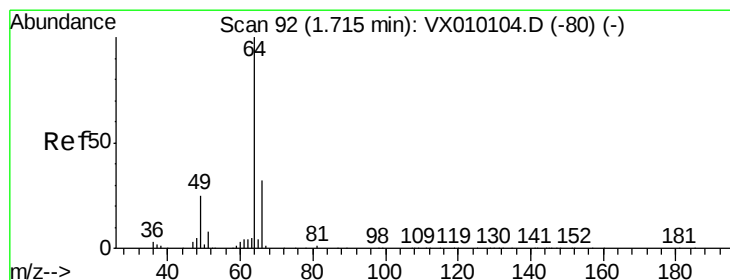
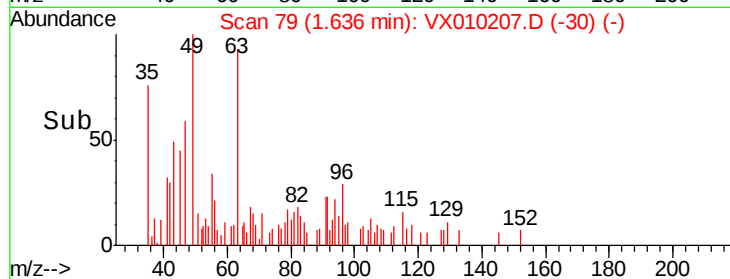
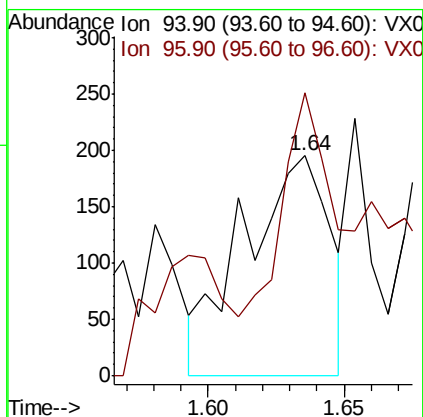
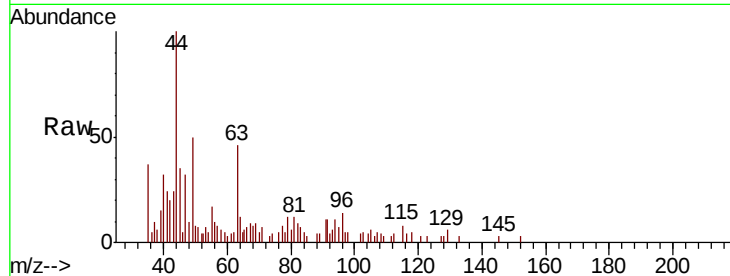
BPS1-TT-MW302D-20190607

Tot Ion: 94 Resp: 428

Ion Ratio Lower Upper

94 100

96 101.4 76.2 114.4



#6

Chloroethane

Concen: 0.216 ug/l

RT: 1.74 min Scan# 96

Delta R.T. 0.03 min

Lab File: VX010207.D

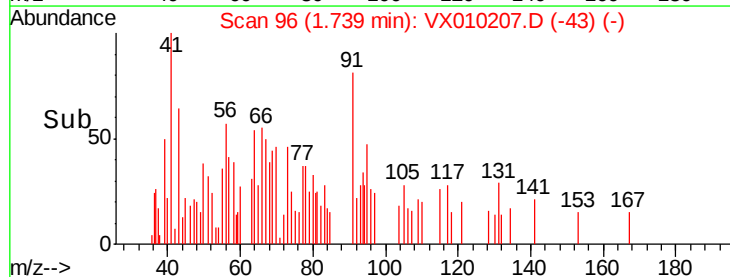
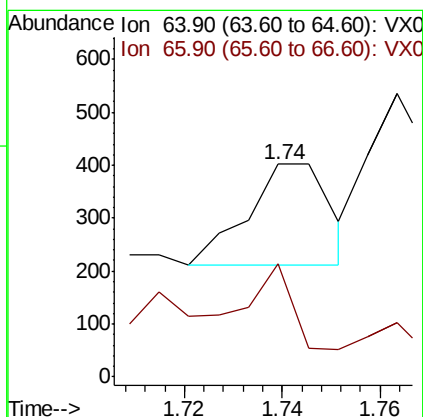
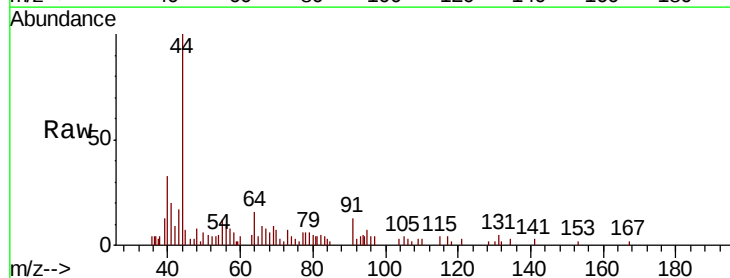
Acq: 11 Jun 2019 03:50

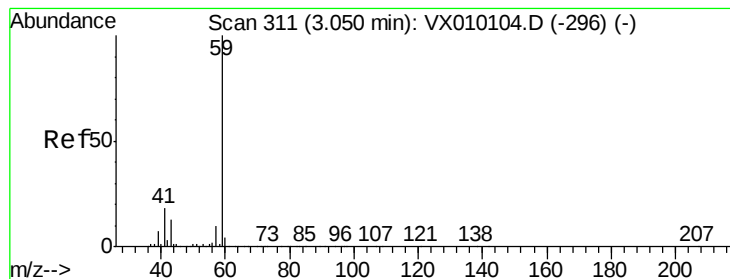
Tgt Ion: 64 Resp: 222

Ion Ratio Lower Upper

64 100

66 84.2 25.1 37.7#



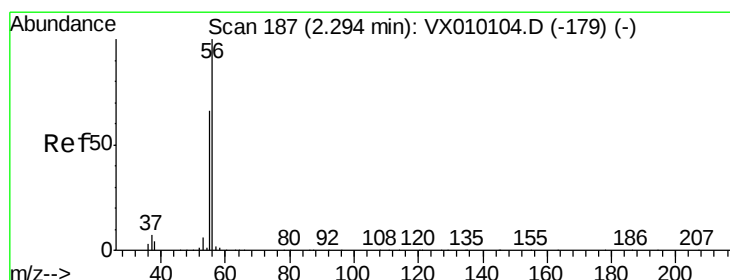
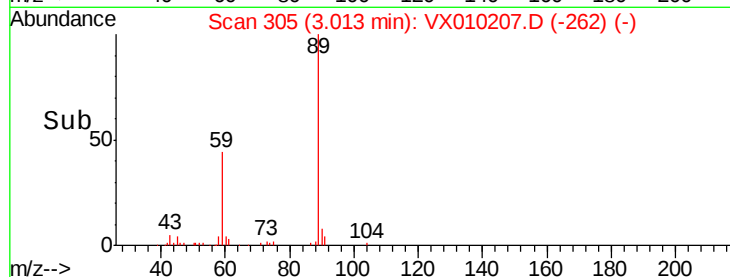
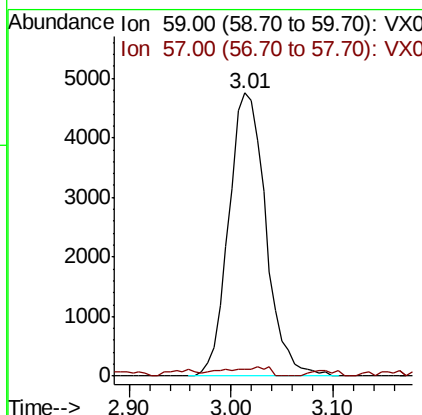
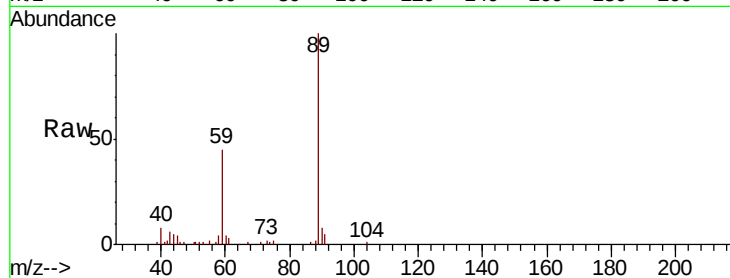


#11

Tert butyl alcohol
 Concen: 21.144 ug/l
 RT: 3.01 min Scan# 305
 Delta R.T. -0.04 min
 Lab File: VX010207.D
 Acq: 11 Jun 2019 03:50

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW302D-20190607

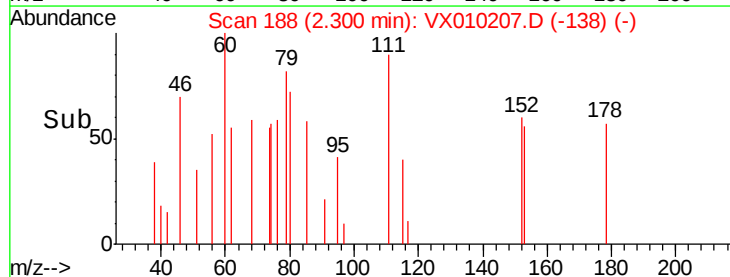
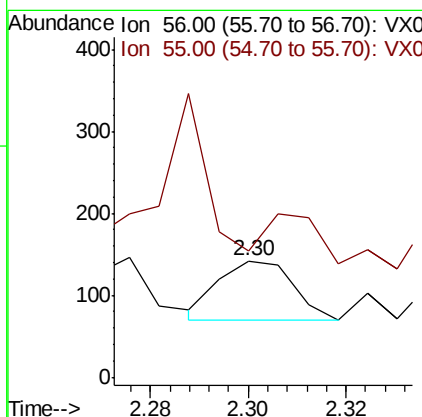
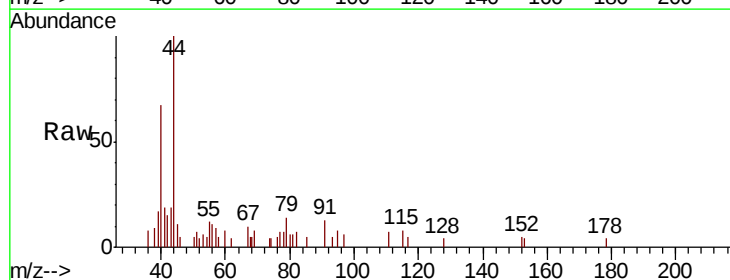
Tot Ion: 59 Resp: 11975
 Ion Ratio Lower Upper
 59 100
 57 3.7 8.2 12.2#

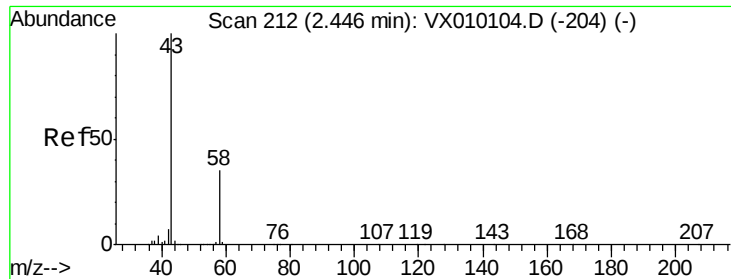


#13

Acrolein
 Concen: 0.726 ug/l
 RT: 2.30 min Scan# 188
 Delta R.T. 0.01 min
 Lab File: VX010207.D
 Acq: 11 Jun 2019 03:50

Tgt Ion: 56 Resp: 75
 Ion Ratio Lower Upper
 56 100
 55 154.7 57.0 85.4#





#16

Acetone

Concen: 0.805 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX010207.D

Acq: 11 Jun 2019 03:50

Instrument :

MSVOA_X

ClientSampleId :

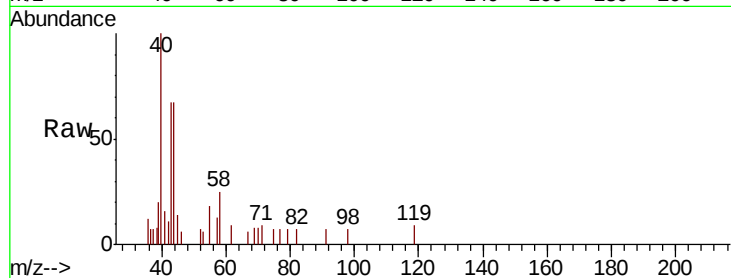
BPS1-TT-MW302D-20190607

Tot Ion: 43 Resp: 875

Ion Ratio Lower Upper

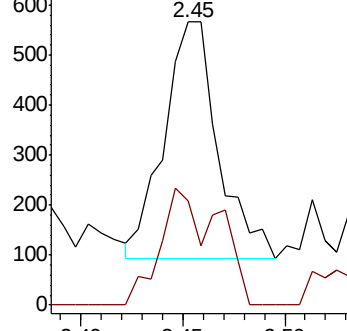
43 100

58 43.8 23.2 34.8#

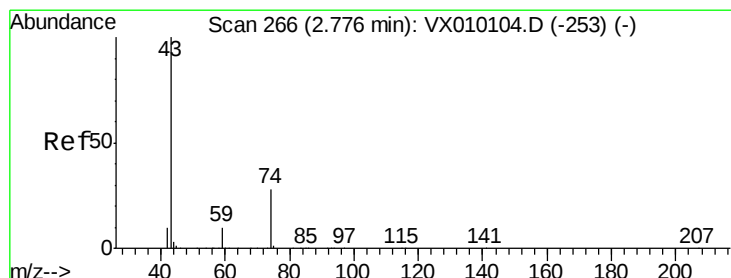
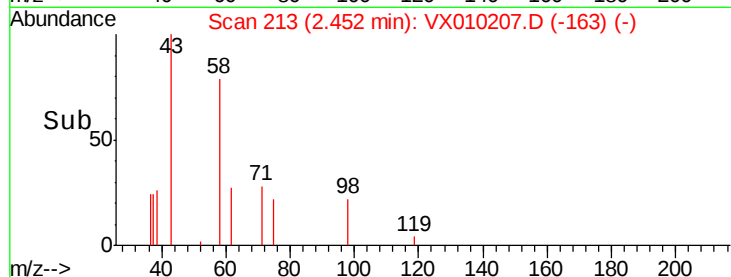


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#18

Methyl Acetate

Concen: 0.212 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX010207.D

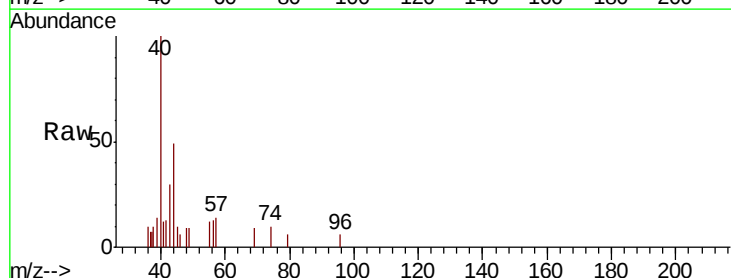
Acq: 11 Jun 2019 03:50

Tgt Ion: 43 Resp: 506

Ion Ratio Lower Upper

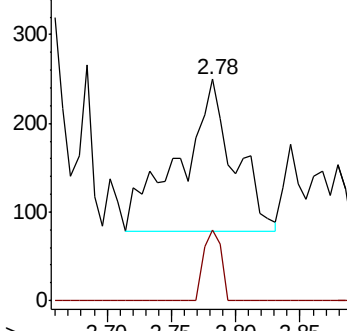
43 100

74 14.8 15.8 23.6#

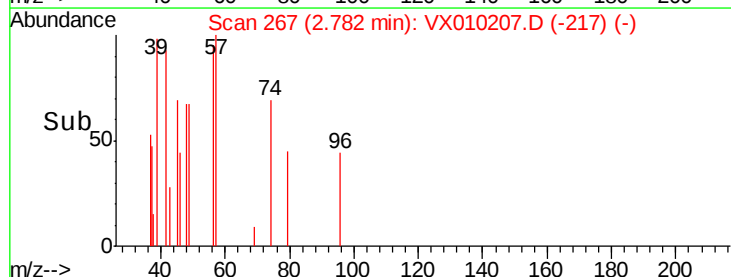


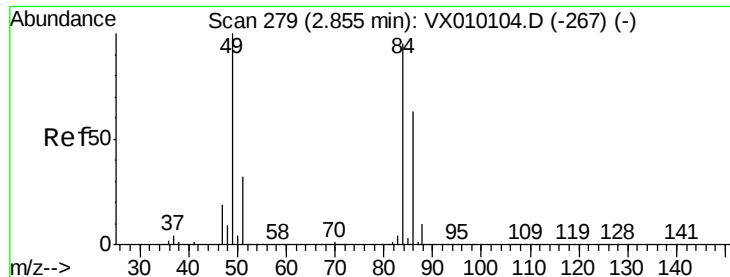
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->

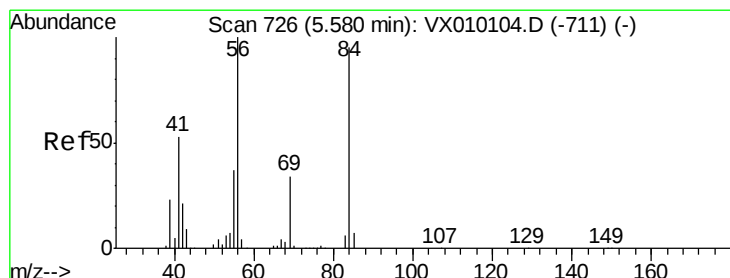
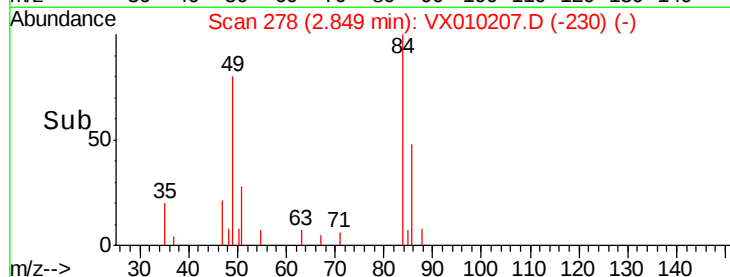
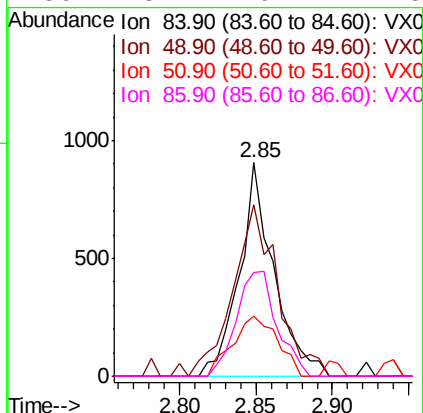
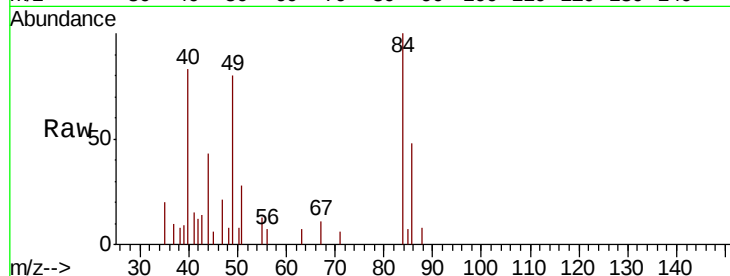




#20
Methvlene Chloride
Concen: 0.597 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX010207.D
Acq: 11 Jun 2019 03:50

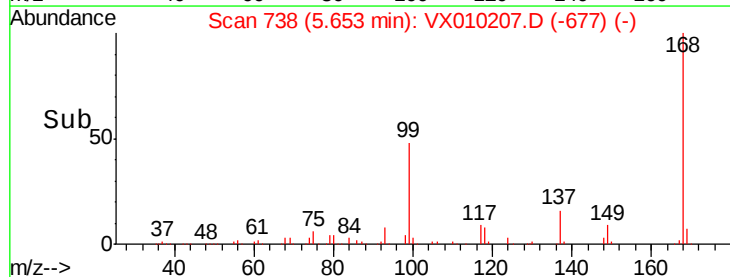
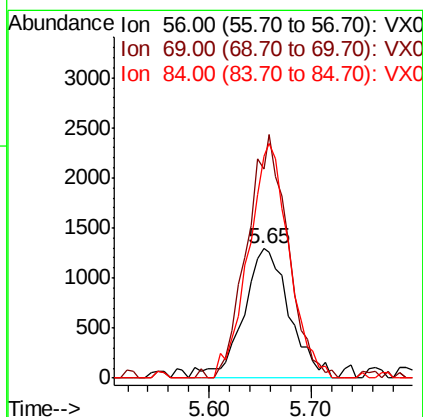
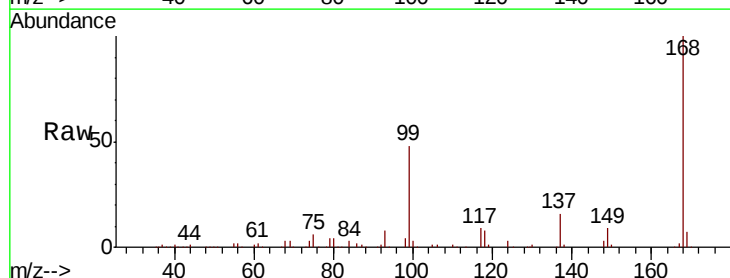
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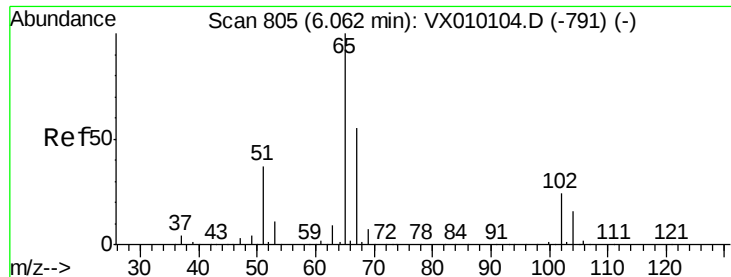
Tot Ion:	84	Resp:	1426
Ion	Ratio	Lower	Upper
84	100		
49	80.4	115.8	173.6#
51	28.3	34.4	51.6#
86	48.4	49.7	74.5#



#31
Cyclohexane
Concen: 1.204 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.07 min
Lab File: VX010207.D
Acq: 11 Jun 2019 03:50

Tgt Ion:	56	Resp:	4052
Ion	Ratio	Lower	Upper
56	100		
69	161.7	21.6	32.4#
84	171.7	56.8	85.2#

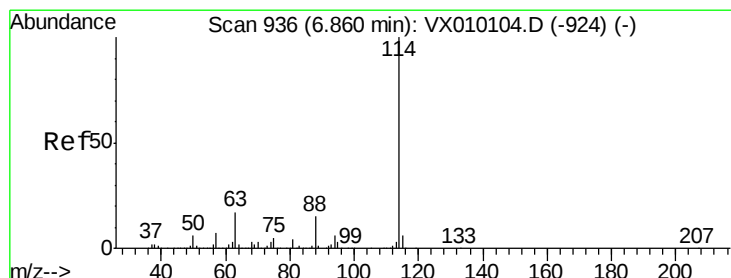
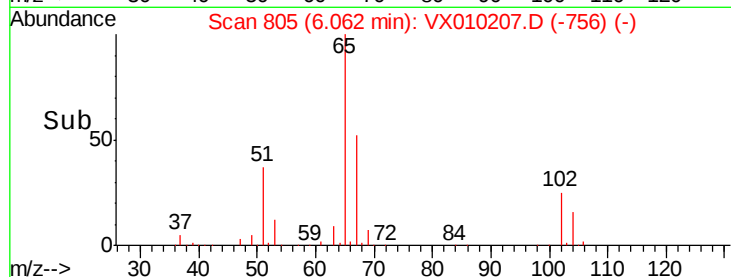
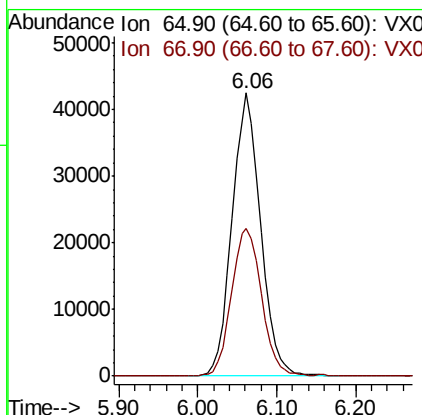
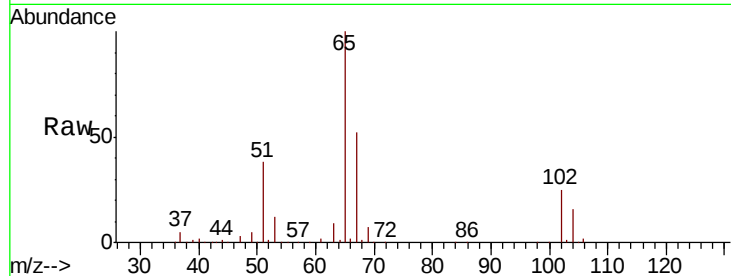




#33
 1,2-Dichloroethane-d4
 Concen: 46.240 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010207.D
 Acq: 11 Jun 2019 03:50

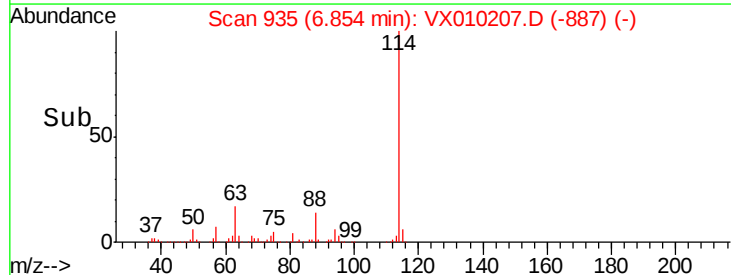
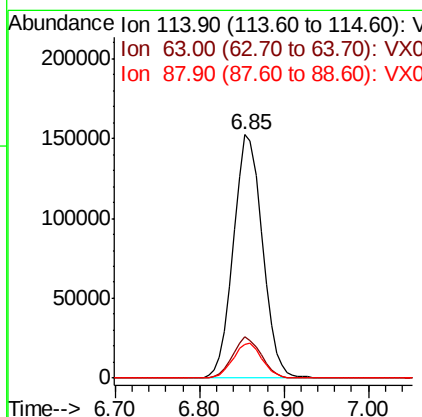
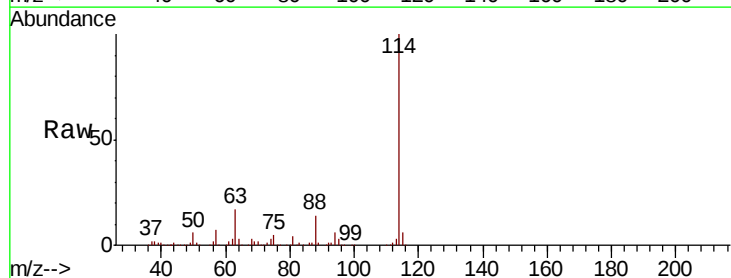
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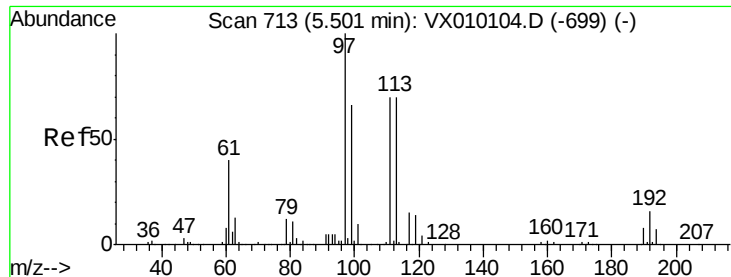
Tot Ion: 65 Resp: 106902
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010207.D
 Acq: 11 Jun 2019 03:50

Tgt Ion: 114 Resp: 355878
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 47.4
 88 14.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.680 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010207.D

Acq: 11 Jun 2019 03:50

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW302D-20190607

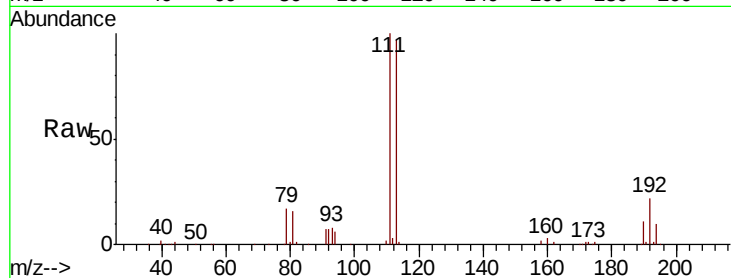
Tot Ion:113 Resp: 109055

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

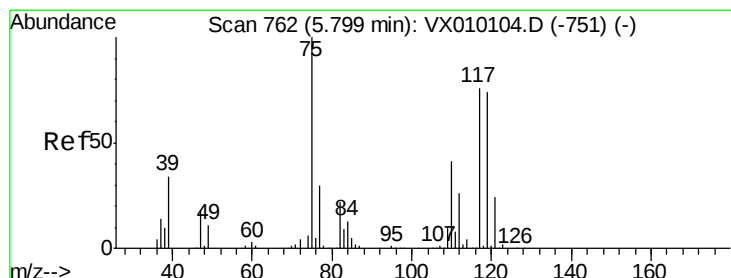
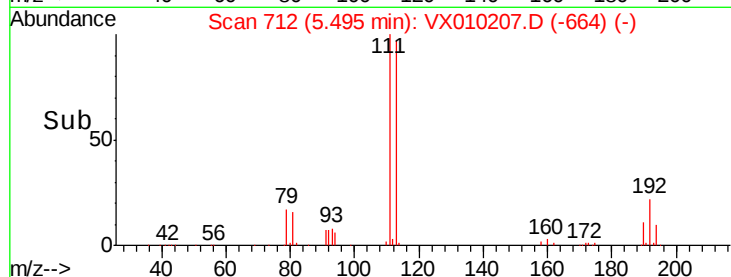
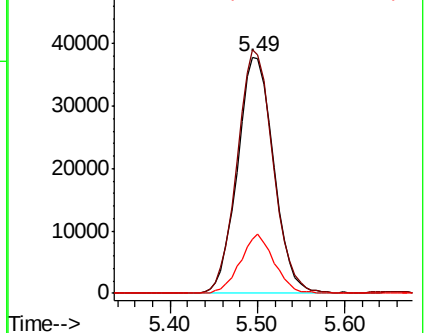
192 23.3 17.1 25.7



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: 4.923 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010207.D

Acq: 11 Jun 2019 03:50

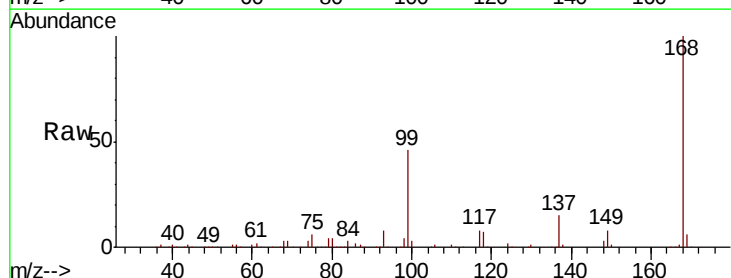
Tgt Ion: 75 Resp: 14295

Ion Ratio Lower Upper

75 100

110 9.2 16.7 50.1#

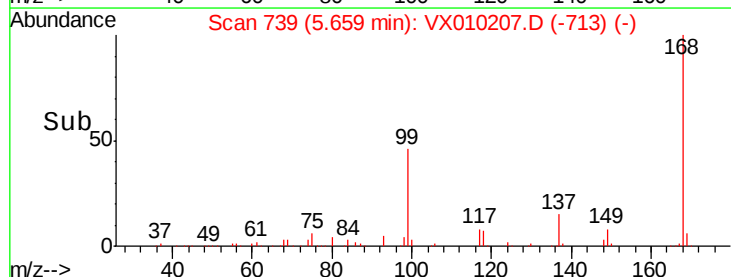
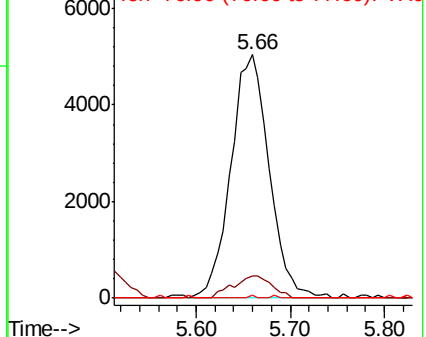
77 0.1 25.0 37.4#

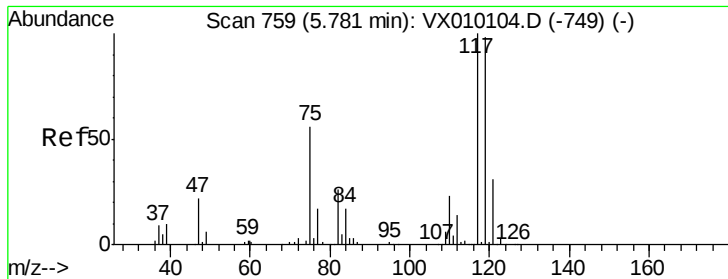


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

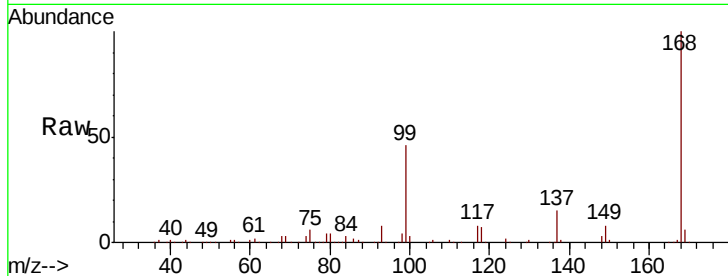




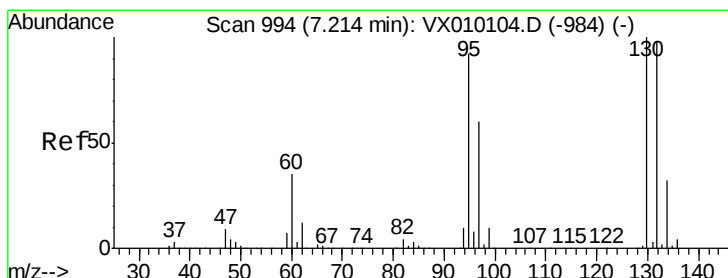
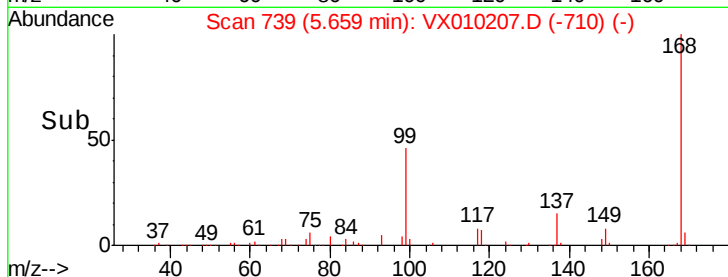
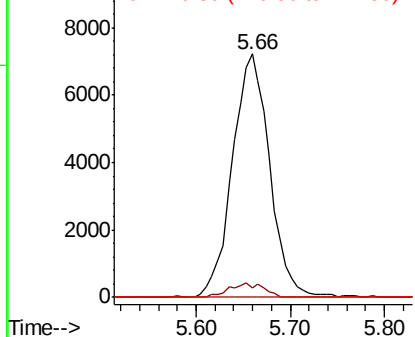
#38
Carbon Tetrachloride
Concen: 6.051 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX010207.D
Acq: 11 Jun 2019 03:50

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW302D-20190607

Tot Ion:117 Resp: 19885
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 25.4 38.0#

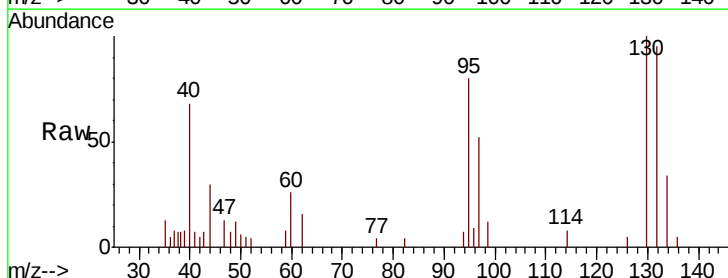


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

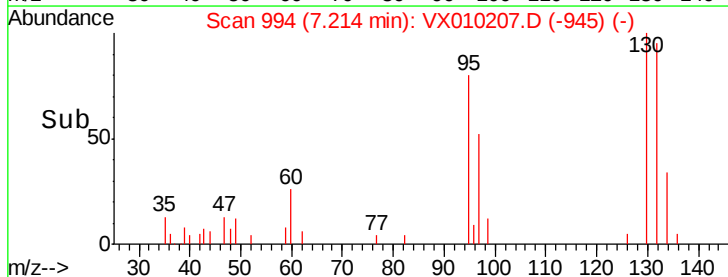
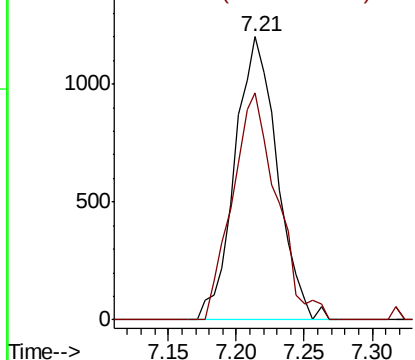


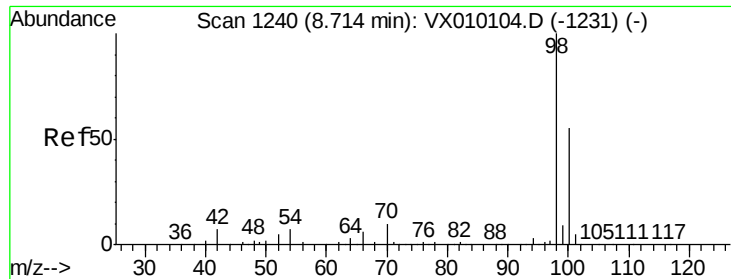
#44
Trichloroethene
Concen: 0.964 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX010207.D
Acq: 11 Jun 2019 03:50

Tgt Ion:130 Resp: 2610
Ion Ratio Lower Upper
130 100
95 80.3 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: 51.200 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010207.D

Acq: 11 Jun 2019 03:50

Instrument :

MSVOA_X

ClientSampleId :

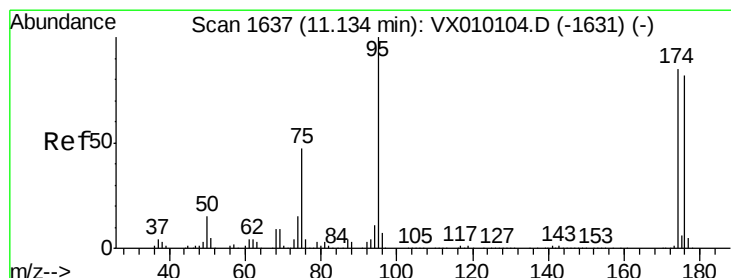
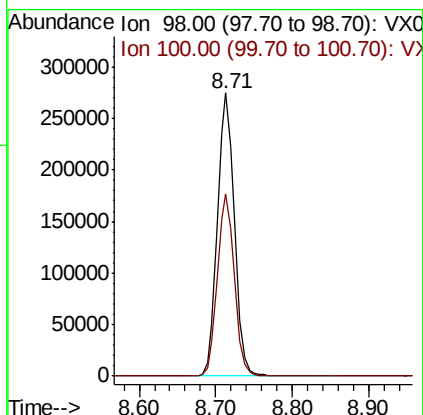
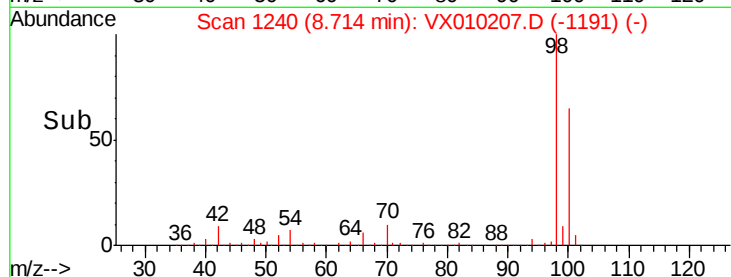
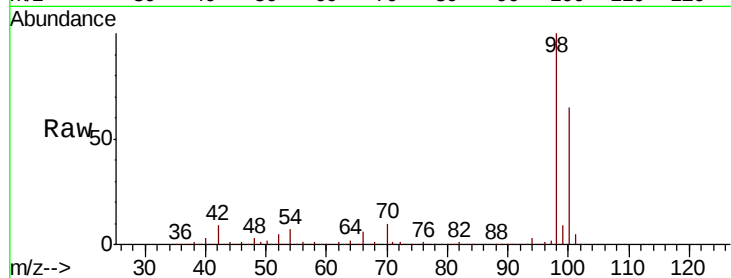
BPS1-TT-MW302D-20190607

Tot Ion: 98 Resp: 421224

Ion Ratio Lower Upper

98 100

100 64.2 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 47.569 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010207.D

Acq: 11 Jun 2019 03:50

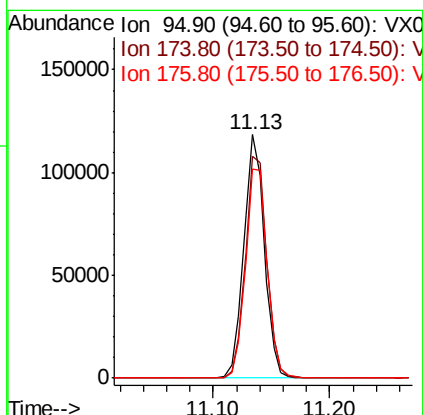
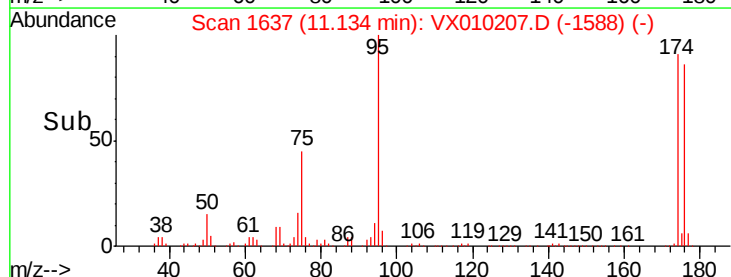
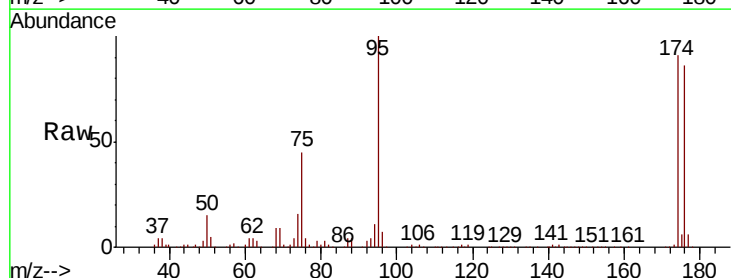
Tgt Ion: 95 Resp: 146153

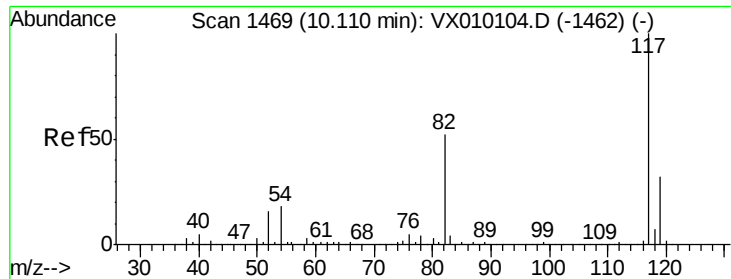
Ion Ratio Lower Upper

95 100

174 95.4 0.0 160.4

176 91.4 0.0 154.6

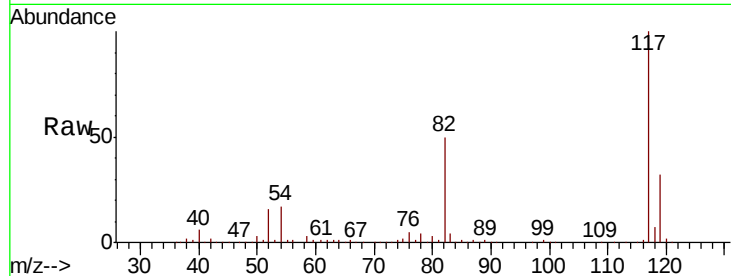




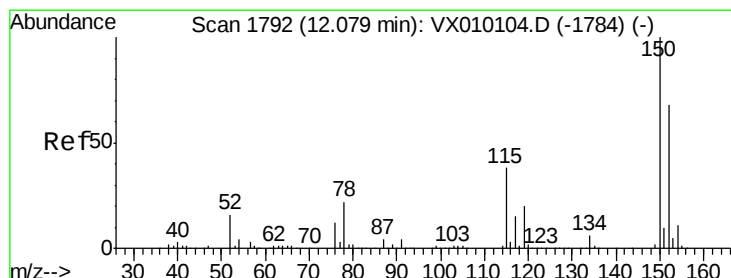
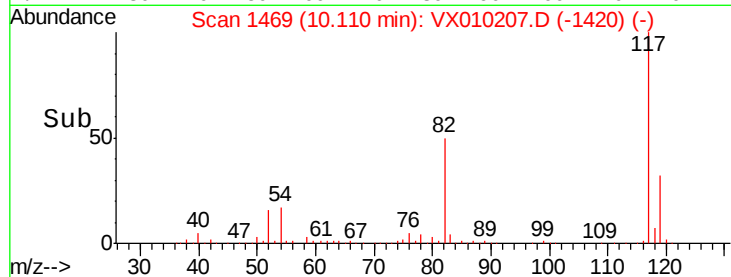
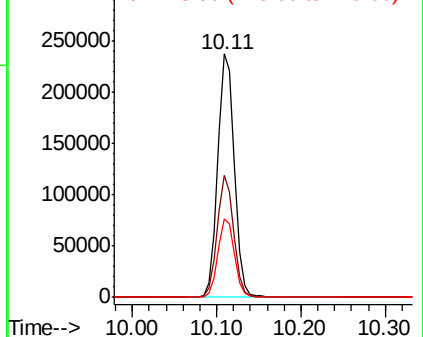
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010207.D
Acq: 11 Jun 2019 03:50

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW302D-20190607

Tot Ion:117 Resp: 326221
Ion Ratio Lower Upper
117 100
82 50.1 49.2 73.8
119 32.1 25.2 37.8

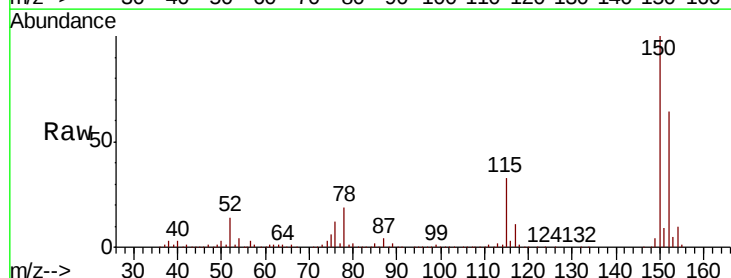


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

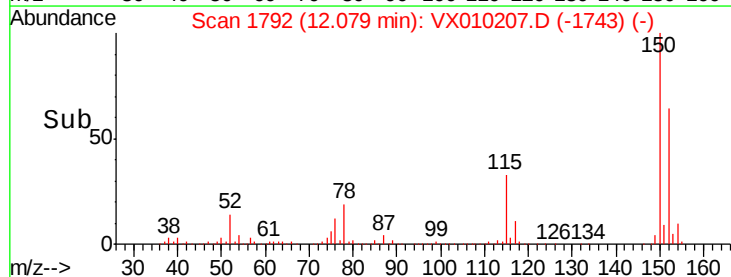
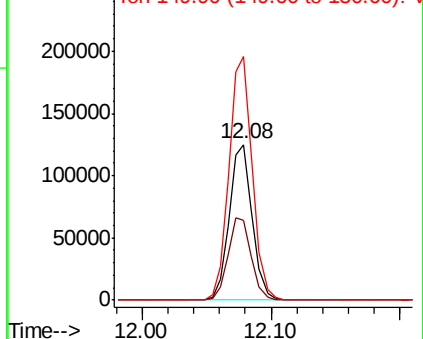


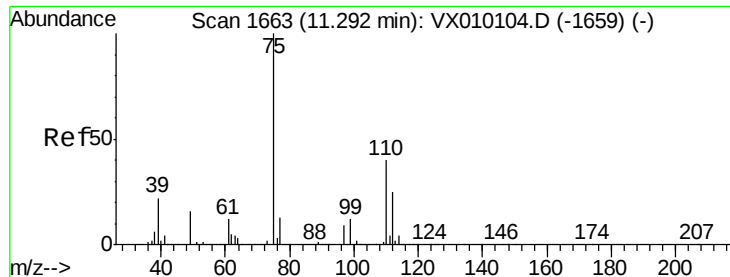
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010207.D
Acq: 11 Jun 2019 03:50

Tgt Ion:152 Resp: 155889
Ion Ratio Lower Upper
152 100
115 54.0 41.4 124.2
150 158.6 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

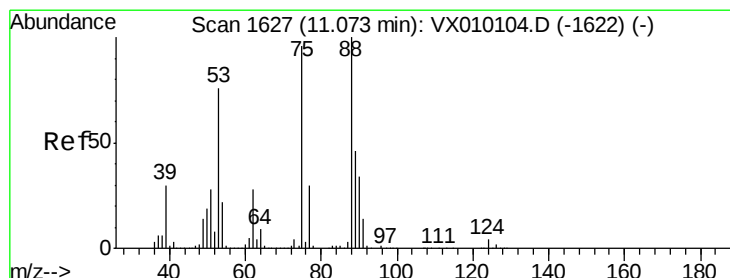
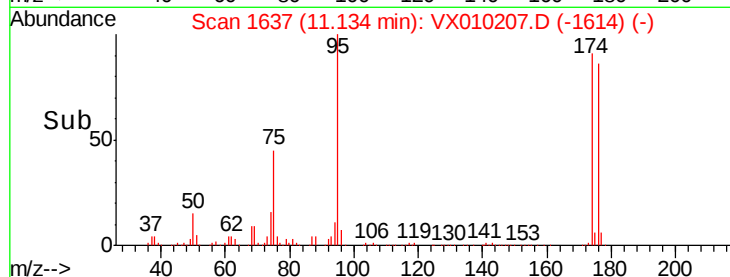
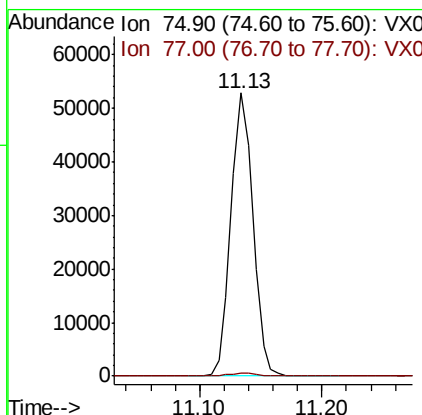
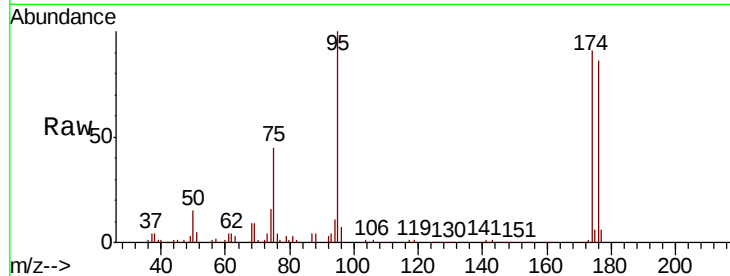




#76
 1,2,3-Trichloropropane
 Concen: 21.134 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010207.D
 Acq: 11 Jun 2019 03:50

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW302D-20190607

Tot Ion: 75 Resp: 65897
 Ion Ratio Lower Upper
 75 100
 77 1.2 22.1 66.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.694 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010207.D
 Acq: 11 Jun 2019 03:50

Tgt Ion: 75 Resp: 65897
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.8 119.6#
 89 0.0 34.2 51.4#

