

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008264.D
 Acq On : 21 Mar 2019 01:12
 Operator : JC/SP
 Sample : K1900-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW301S-20190313RE

Quant Time: Mar 22 05:39:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	336254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	555709	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	469810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188102	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	236361	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	
35) Dibromofluoromethane	5.50	113	174555	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	
50) Toluene-d8	8.71	98	685441	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	11.13	95	218389	44.97	ug/l	0.00
Spiked Amount			Recovery	=	89.94%	

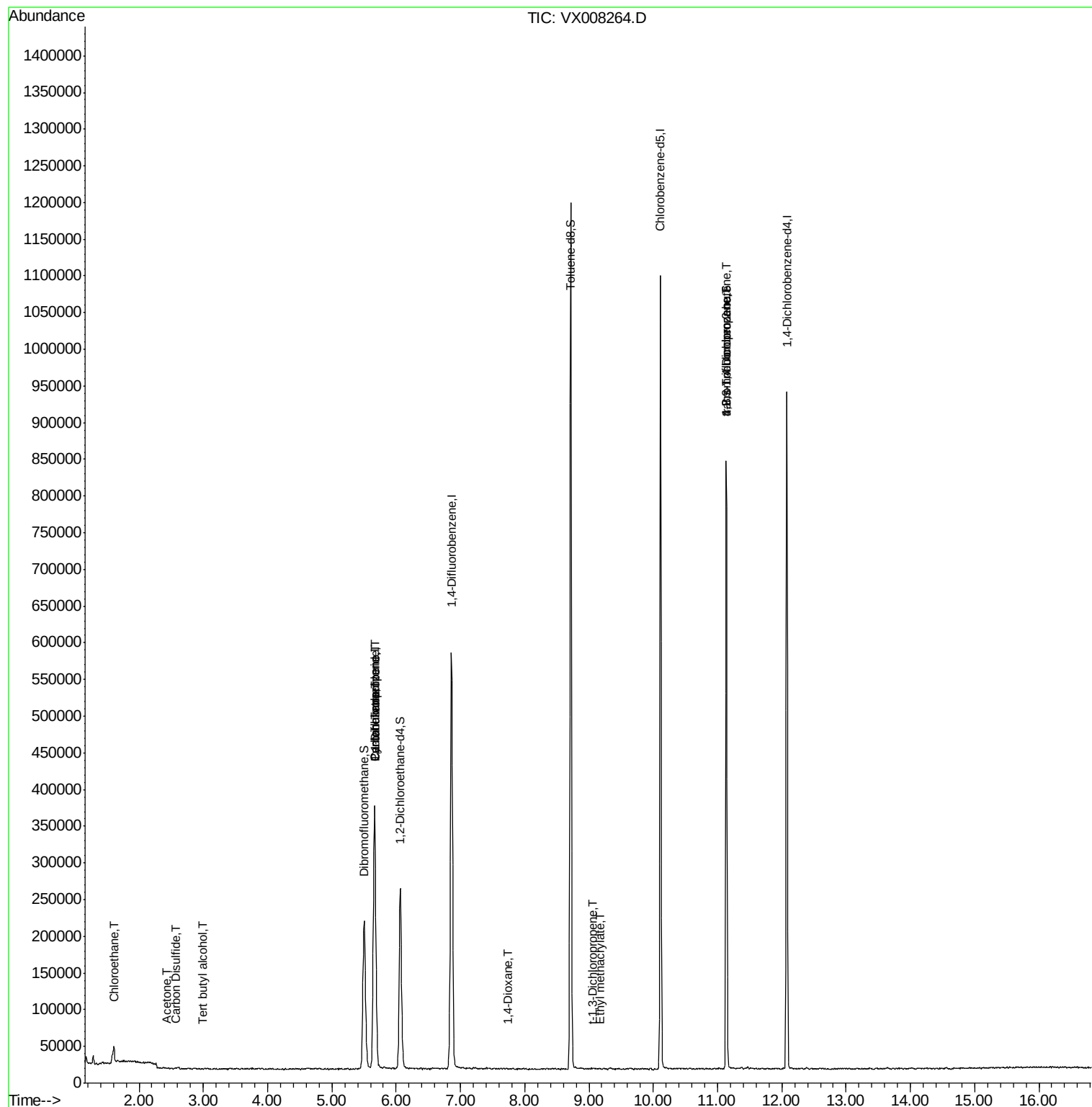
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.61	64	7337	2.294	ug/l #	70
11) Tert butyl alcohol	3.00	59	225	0.208	ug/l #	1
13) Acrolein	2.29	56	269	Below Cal	#	13
16) Acetone	2.44	43	1352	0.471	ug/l	92
17) Carbon Disulfide	2.57	76	1673	0.799	ug/l #	62
31) Cyclohexane	5.66	56	7894	0.940	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	26940	4.164	ug/l #	49
38) Carbon Tetrachloride	5.67	117	33371	5.789	ug/l #	16
49) 1,4-Dioxane	7.74	88	45	0.391	ug/l #	22
53) t-1,3-Dichloropropene	9.05	75	225	1.451	ug/l #	71
56) Ethyl methacrylate	9.18	69	163	0.546	ug/l #	55
76) 1,2,3-Trichloropropane	11.13	75	112177	21.203	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	112177	53.937	ug/l #	12

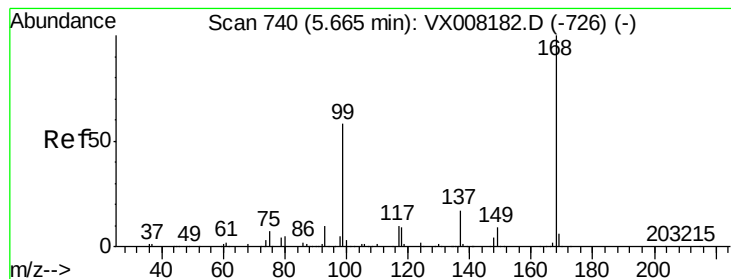
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008264.D

Acq: 21 Mar 2019 01:12

Instrument :

MSVOA_X

ClientSampleId :

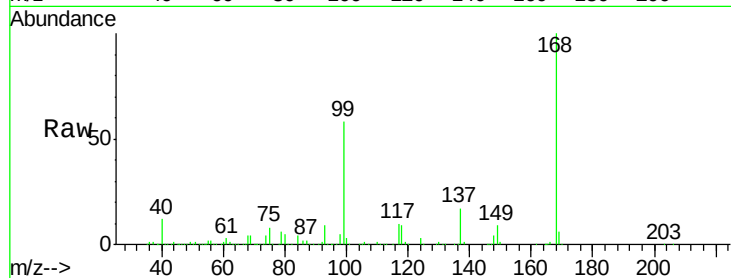
BPS1-TT-MW301S-20190313RE

Tot Ion:168 Resp: 336254

Ion Ratio Lower Upper

168 100

99 57.6 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

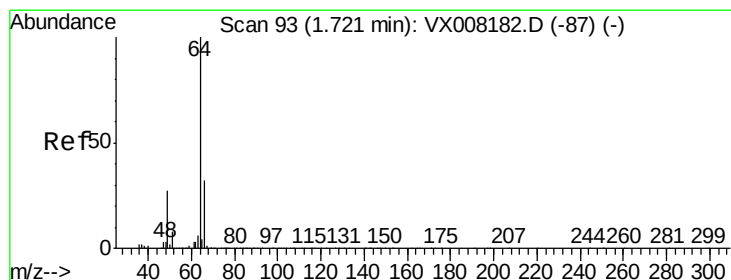
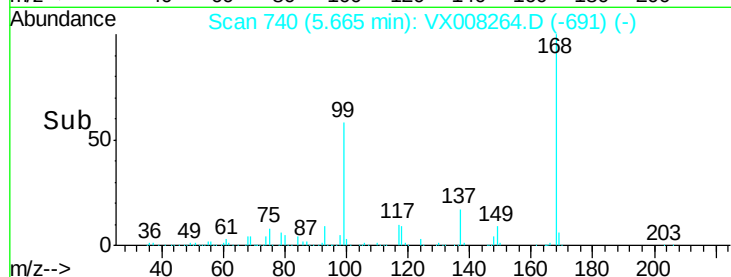
5.67

100000

50000

0

Time-->



#6

Chloroethane

Concen: 2.294 ug/l

RT: 1.61 min Scan# 75

Delta R.T. -0.11 min

Lab File: VX008264.D

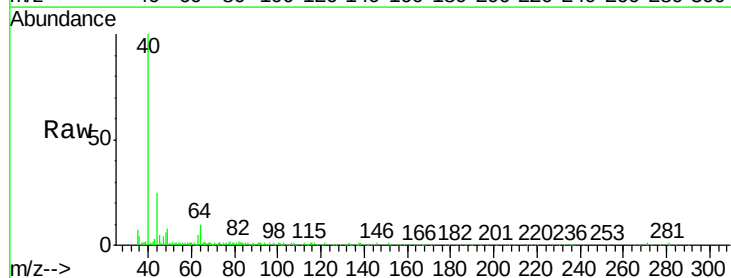
Acq: 21 Mar 2019 01:12

Tgt Ion: 64 Resp: 7337

Ion Ratio Lower Upper

64 100

66 15.1 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.61

2000

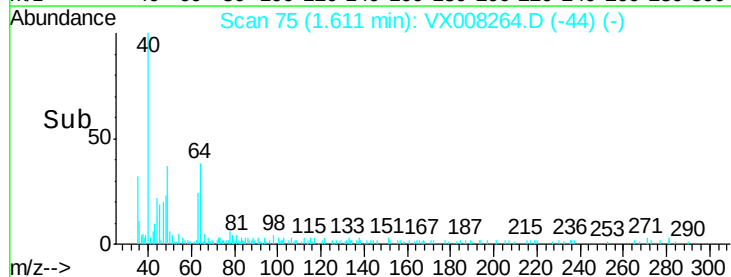
1500

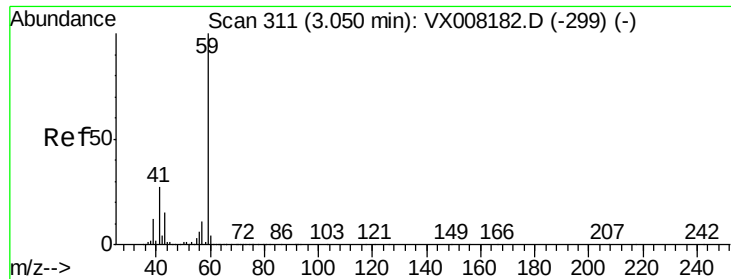
1000

500

0

Time-->



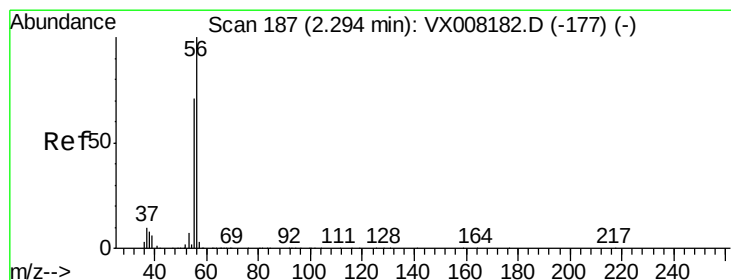
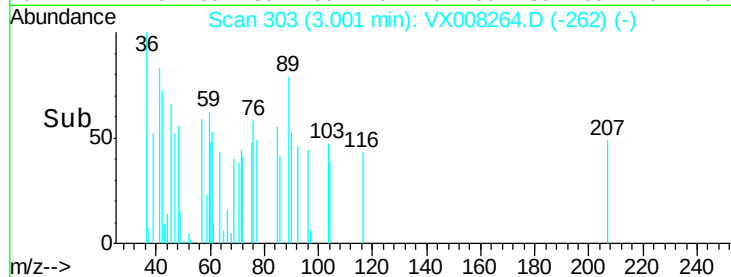
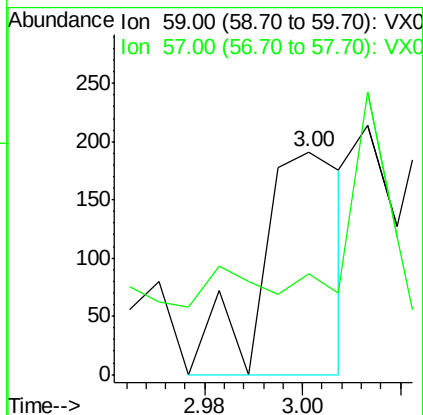
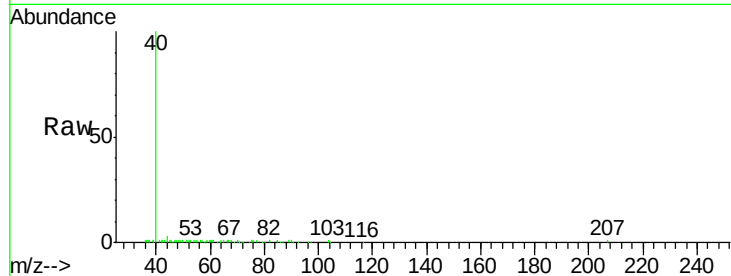


#11

Tert butyl alcohol
Concen: 0.208 ug/l
RT: 3.00 min Scan# 303
Delta R.T. -0.05 min
Lab File: VX008264.D
Acq: 21 Mar 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW301S-20190313RE

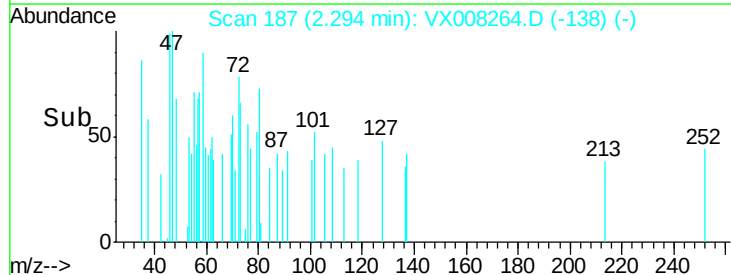
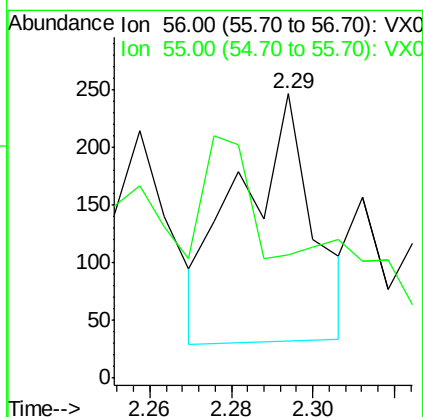
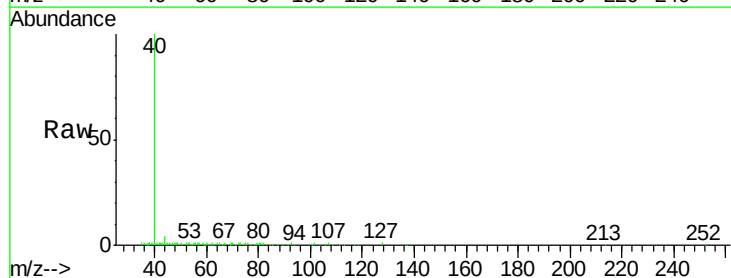
Tot Ion: 59 Resp: 225
Ion Ratio Lower Upper
59 100
57 84.0 8.2 12.2#

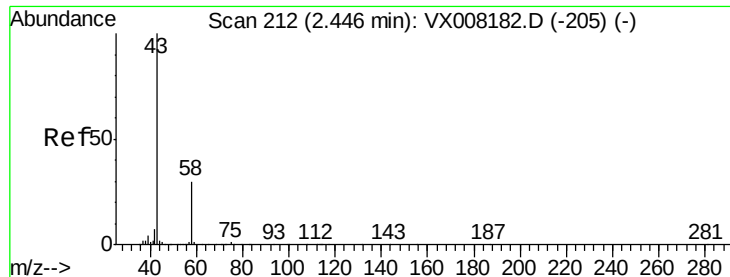


#13

Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX008264.D
Acq: 21 Mar 2019 01:12

Tgt Ion: 56 Resp: 269
Ion Ratio Lower Upper
56 100
55 0.0 57.8 86.6#





#16

Acetone

Concen: 0.471 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008264.D

Acq: 21 Mar 2019 01:12

Instrument :

MSVOA_X

ClientSampleId :

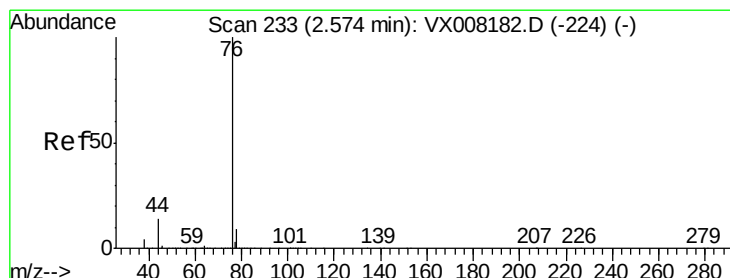
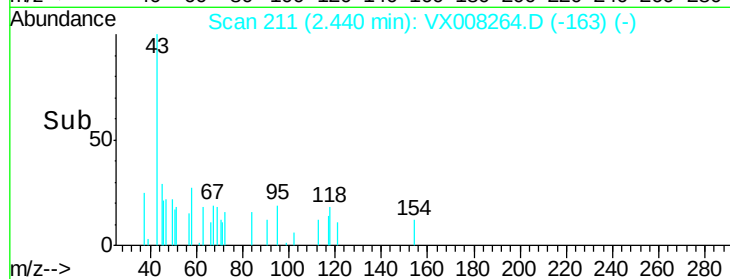
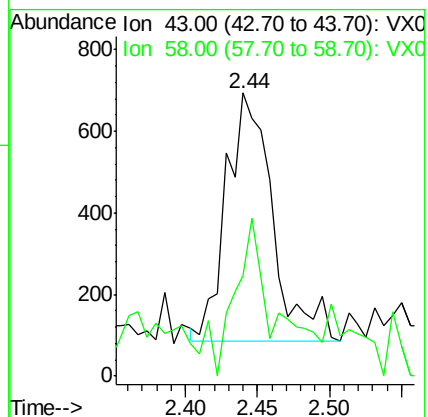
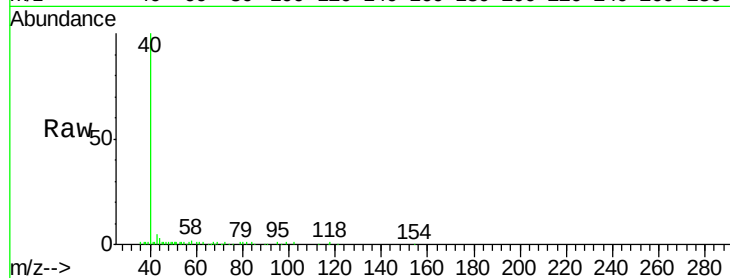
BPS1-TT-MW301S-20190313RE

Tot Ion: 43 Resp: 1352

Ion Ratio Lower Upper

43 100

58 27.4 25.5 38.3



#17

Carbon Disulfide

Concen: 0.799 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX008264.D

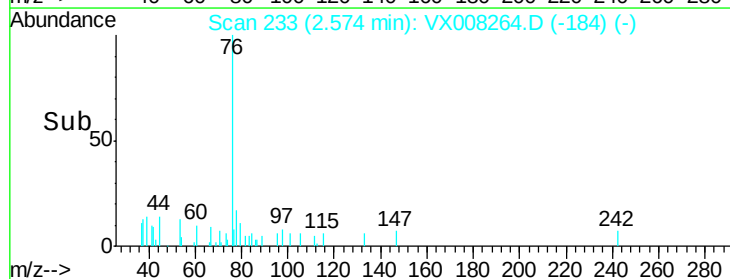
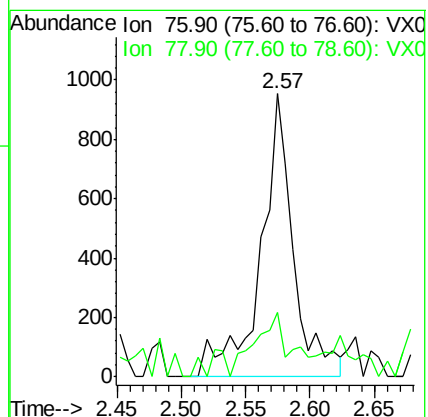
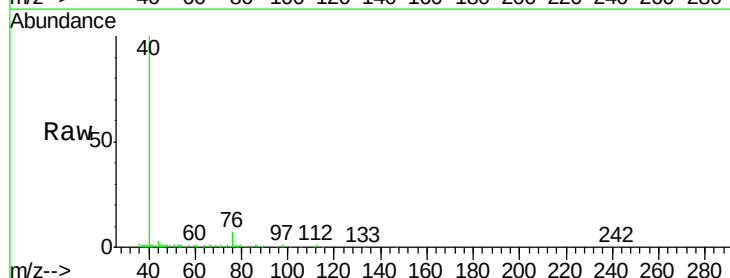
Acq: 21 Mar 2019 01:12

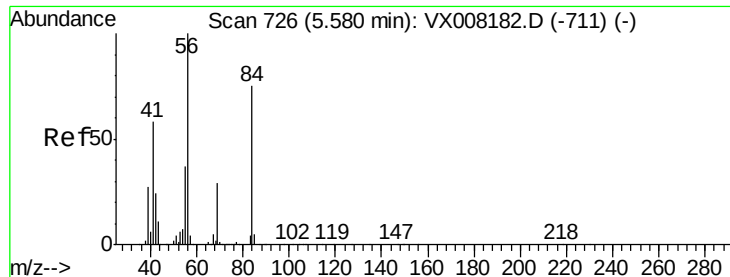
Tgt Ion: 76 Resp: 1673

Ion Ratio Lower Upper

76 100

78 22.7 7.2 10.8#

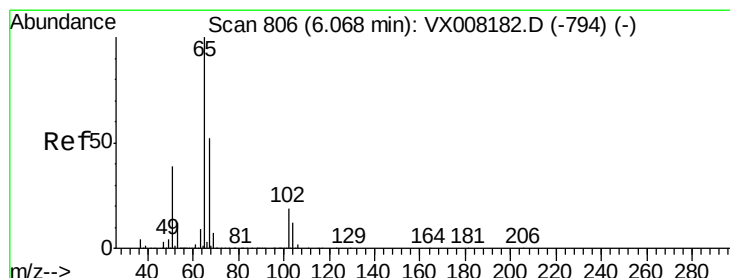
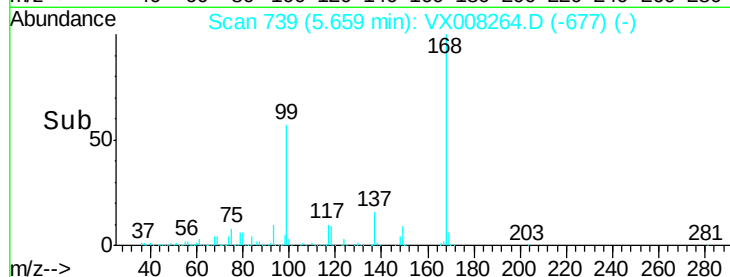
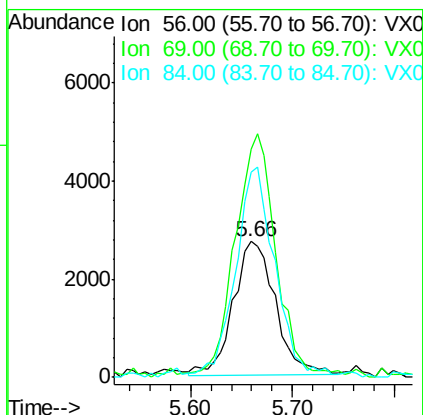
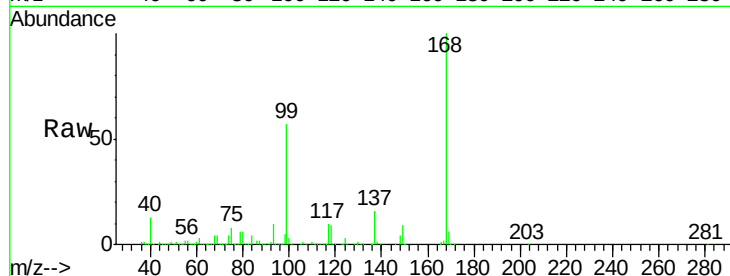




#31
Cyclohexane
Concen: 0.940 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX008264.D
Acq: 21 Mar 2019 01:12

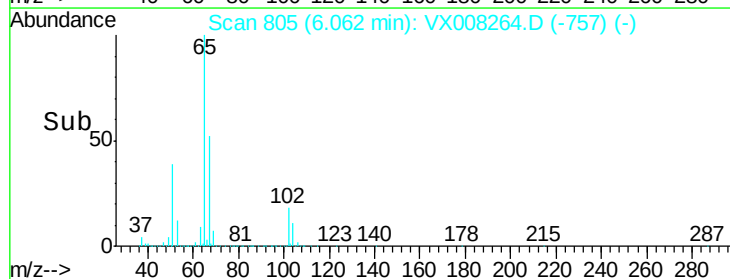
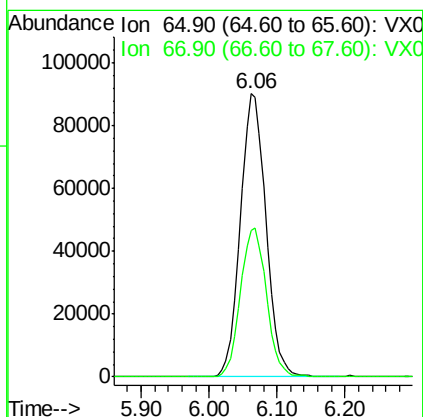
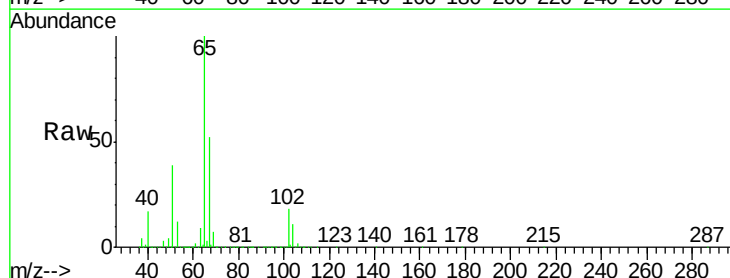
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW301S-20190313RE

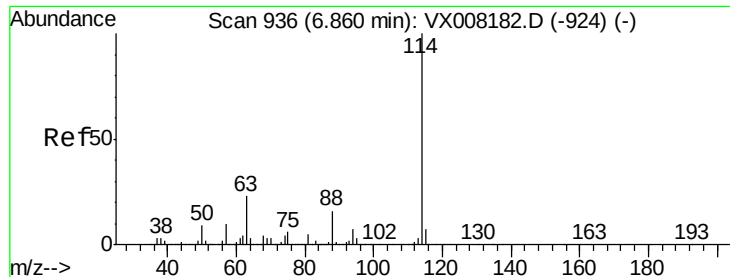
Tot Ion: 56 Resp: 7894
Ion Ratio Lower Upper
56 100
69 171.5 24.0 36.0#
84 154.9 65.3 97.9#



#33
1,2-Dichloroethane-d4
Concen: 46.672 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX008264.D
Acq: 21 Mar 2019 01:12

Tgt Ion: 65 Resp: 236361
Ion Ratio Lower Upper
65 100
67 53.3 0.0 110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008264.D

Acq: 21 Mar 2019 01:12

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW301S-20190313RE

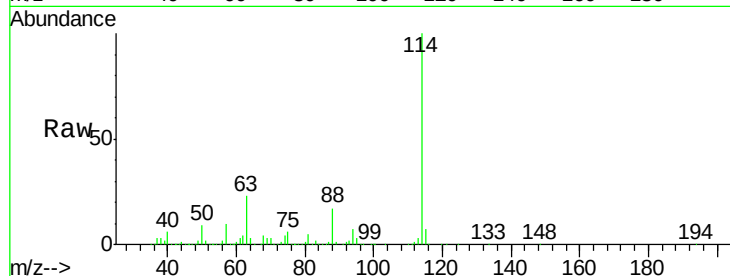
Tot Ion:114 Resp: 555709

Ion Ratio Lower Upper

114 100

63 22.9 0.0 39.8

88 17.0 0.0 31.4



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

300000

250000

200000

150000

100000

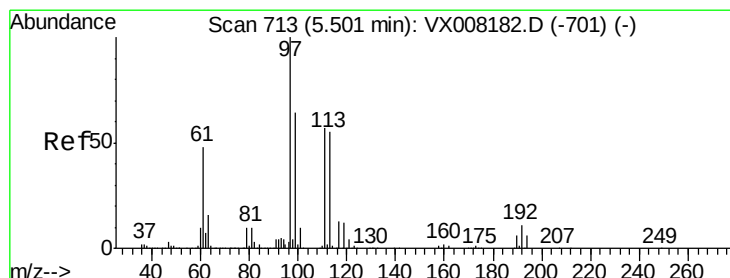
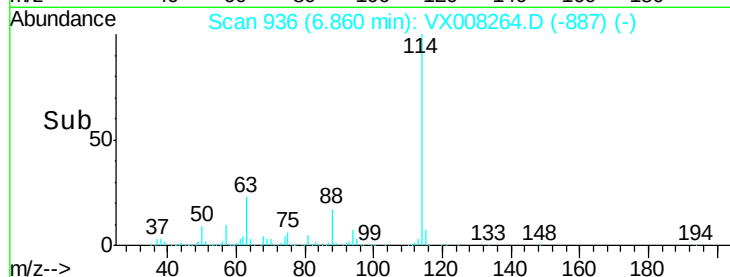
50000

0

6.86

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 46.922 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008264.D

Acq: 21 Mar 2019 01:12

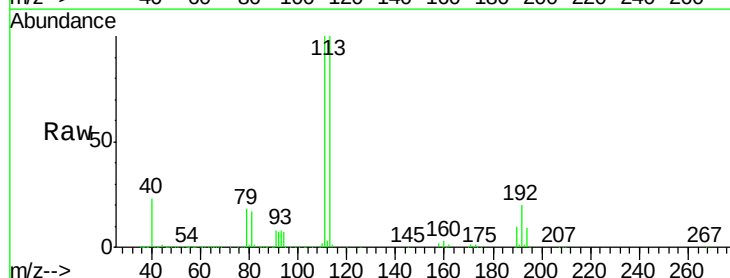
Tgt Ion:113 Resp: 174555

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

192 20.0 19.4 29.0



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

80000

60000

40000

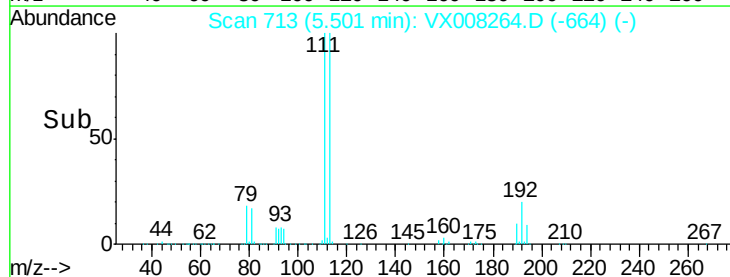
20000

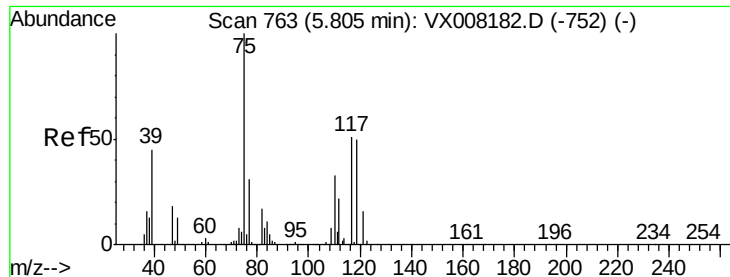
0

5.50

5.40 5.50 5.60 5.70

Time-->





#36

1,1-Dichloropropene

Concen: 4.164 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.14 min

Lab File: VX008264.D

Acq: 21 Mar 2019 01:12

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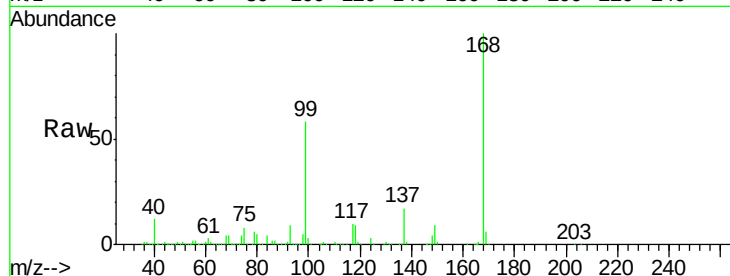
Tot Ion: 75 Resp: 26940

Ion Ratio Lower Upper

75 100

110 8.9 18.4 55.0#

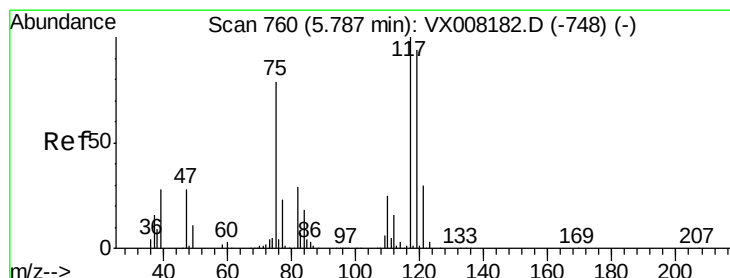
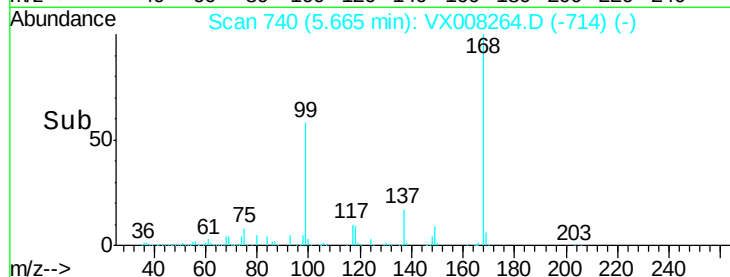
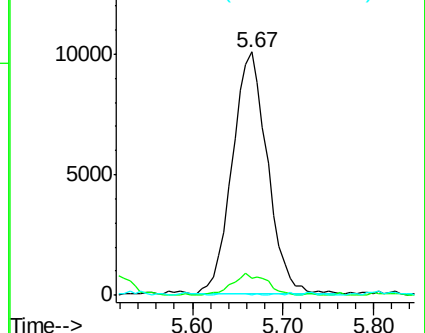
77 0.0 25.0 37.4#



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: 5.789 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX008264.D

Acq: 21 Mar 2019 01:12

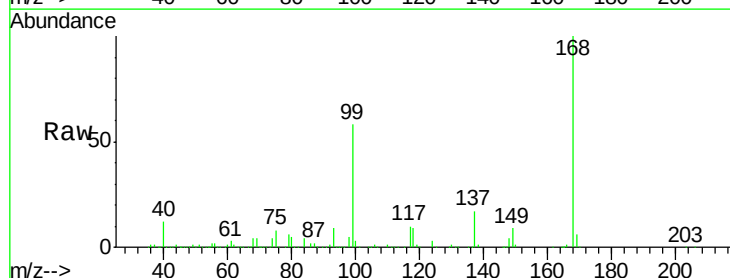
Tgt Ion:117 Resp: 33371

Ion Ratio Lower Upper

117 100

119 5.0 76.2 114.2#

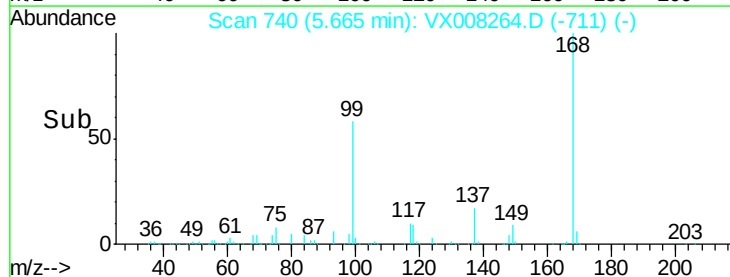
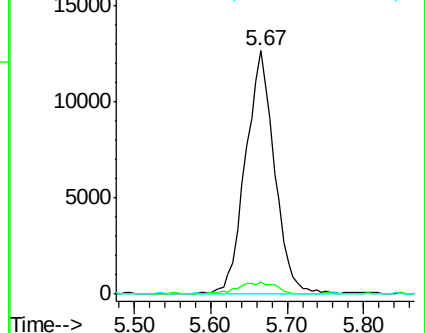
121 0.0 24.6 36.8#

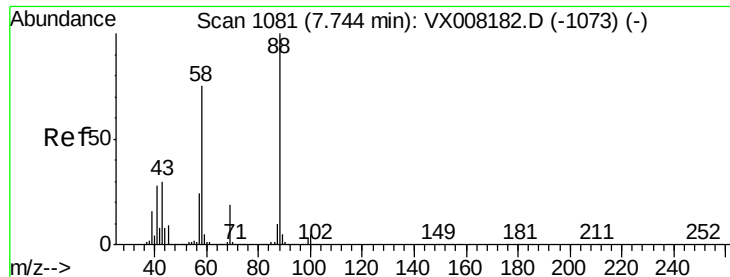


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

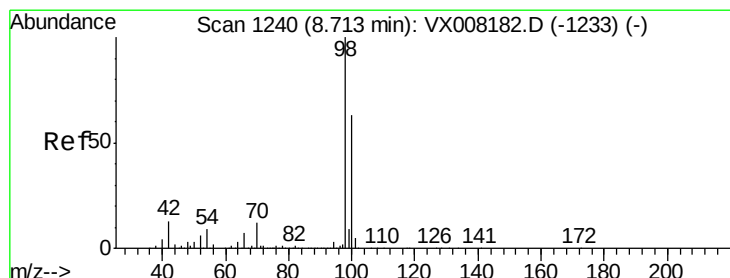
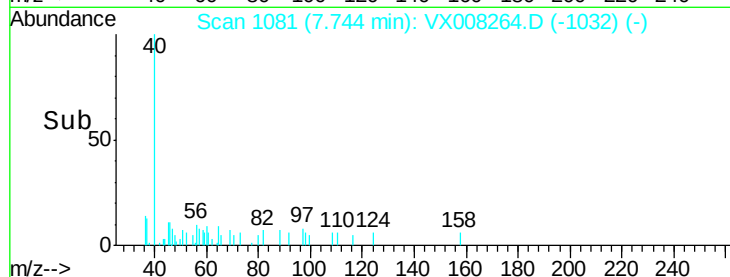
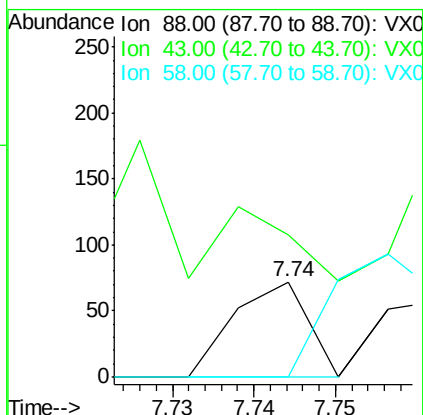
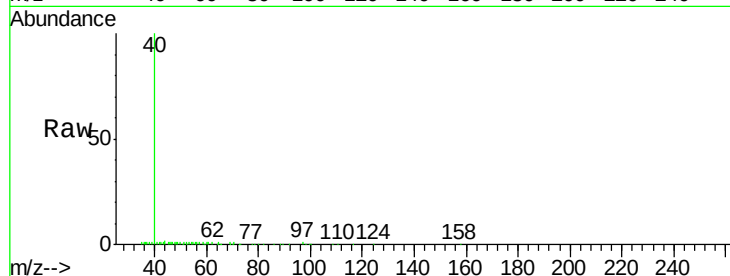




#49
1,4-Dioxane
Concen: 0.391 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.00 min
Lab File: VX008264.D
Acq: 21 Mar 2019 01:12

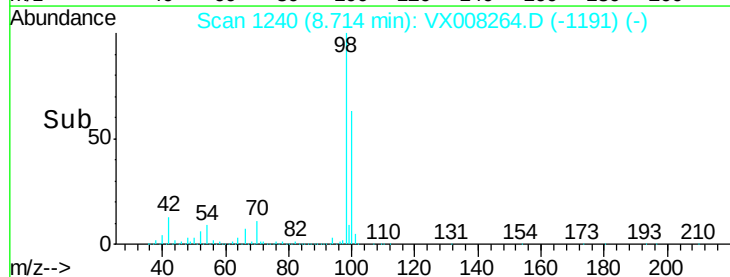
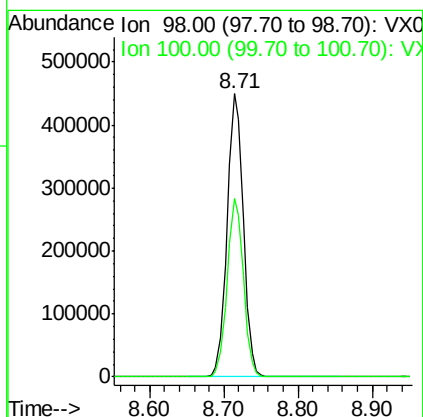
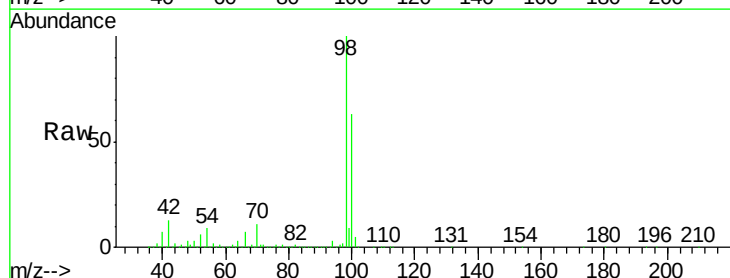
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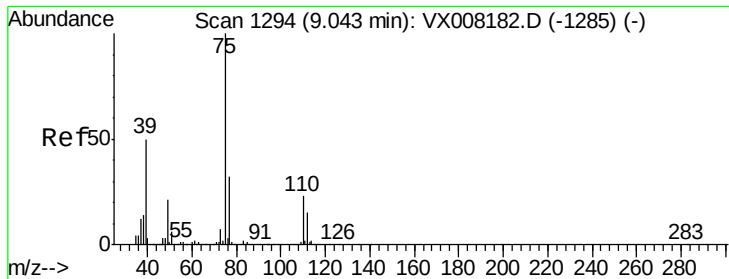
Tot Ion: 88 Resp: 45
Ion Ratio Lower Upper
88 100
43 0.0 25.1 37.7#
58 0.0 57.8 86.6#



#50
Toluene-d8
Concen: 48.598 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008264.D
Acq: 21 Mar 2019 01:12

Tgt Ion: 98 Resp: 685441
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5





#53

t-1,3-Dichloropropene

Concen: 1.451 ug/l

RT: 9.05 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX008264.D

Acq: 21 Mar 2019 01:12

Instrument :

MSVOA_X

ClientSampleId :

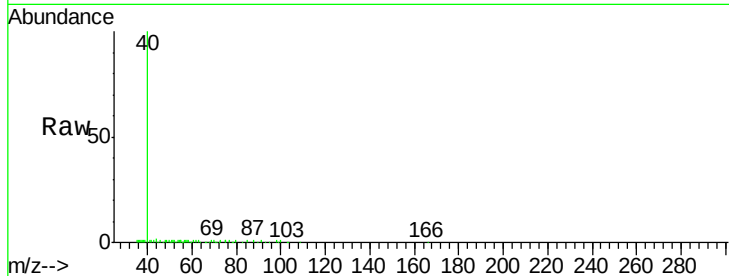
BPS1-TT-MW301S-20190313RE

Tot Ion: 75 Resp: 225

Ion Ratio Lower Upper

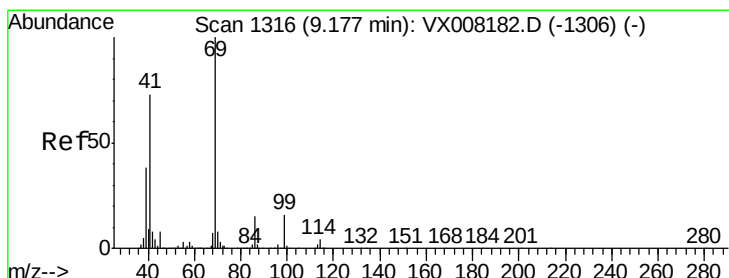
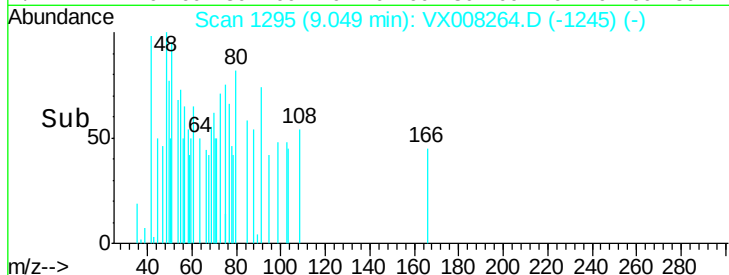
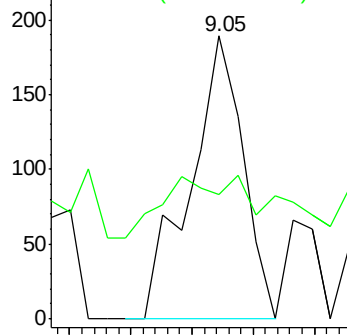
75 100

77 15.3 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#56

Ethyl methacrylate

Concen: 0.546 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008264.D

Acq: 21 Mar 2019 01:12

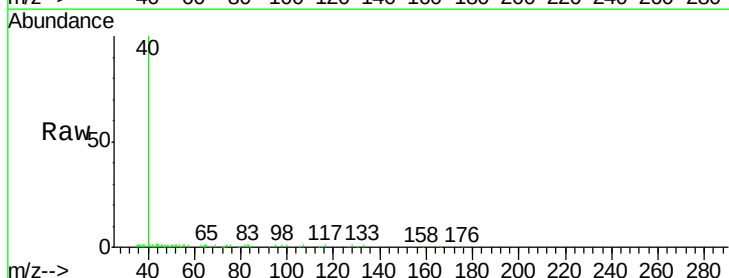
Tgt Ion: 69 Resp: 163

Ion Ratio Lower Upper

69 100

41 50.3 54.2 81.4#

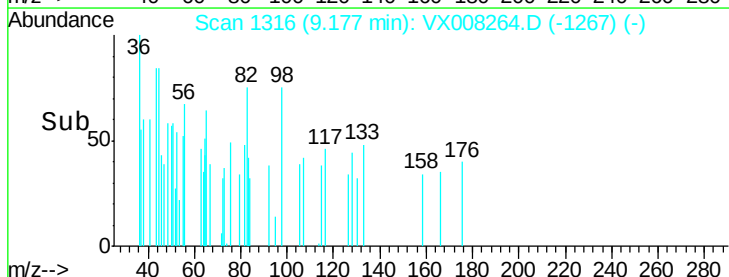
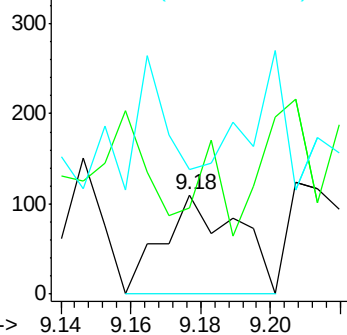
39 84.7 25.0 37.4#

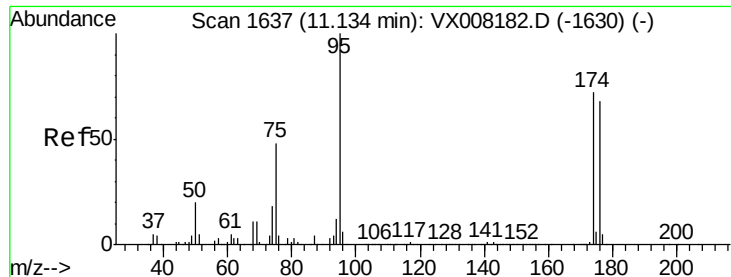


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

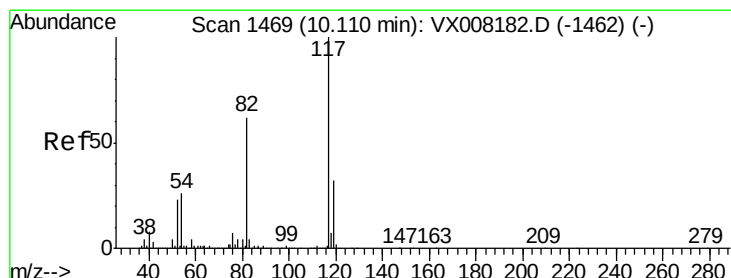
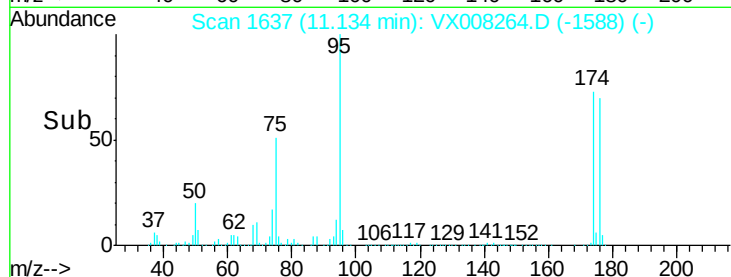
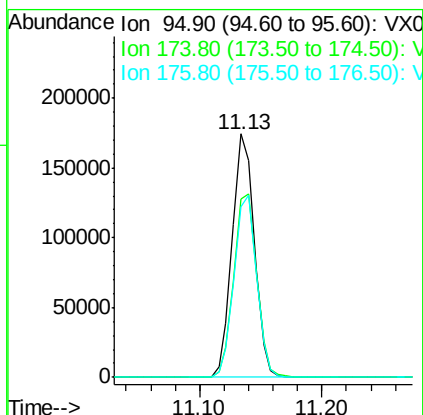
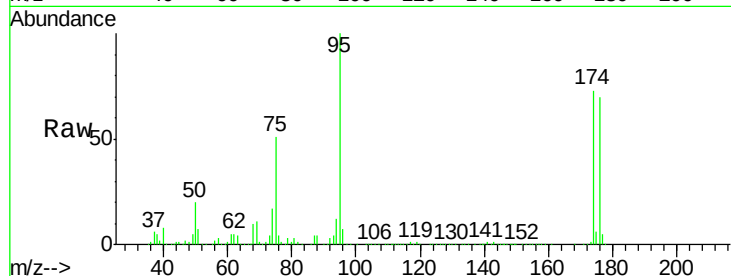




#62
4-Bromofluorobenzene
Concen: 44.970 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008264.D
Acq: 21 Mar 2019 01:12

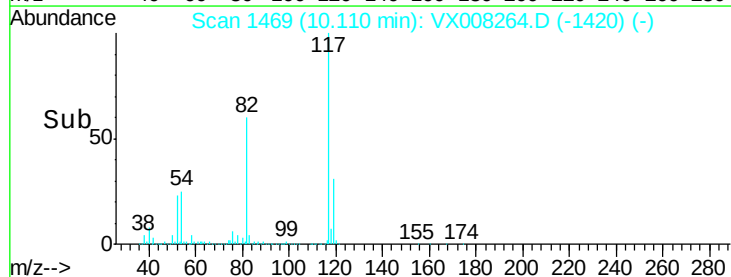
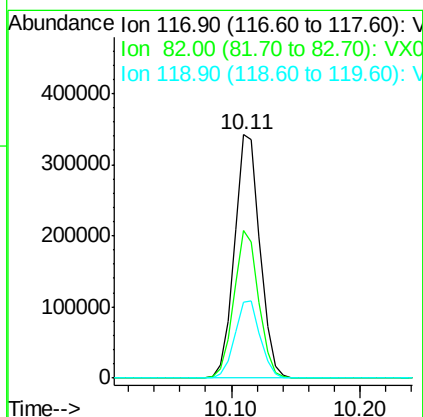
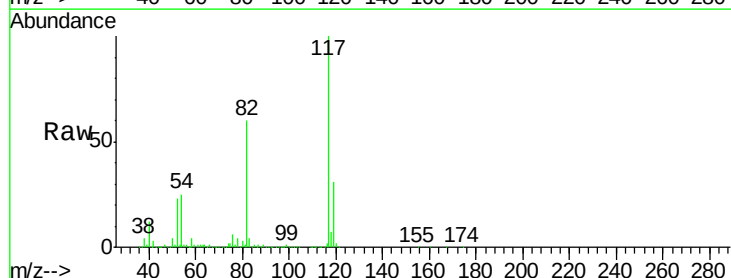
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW301S-20190313RE

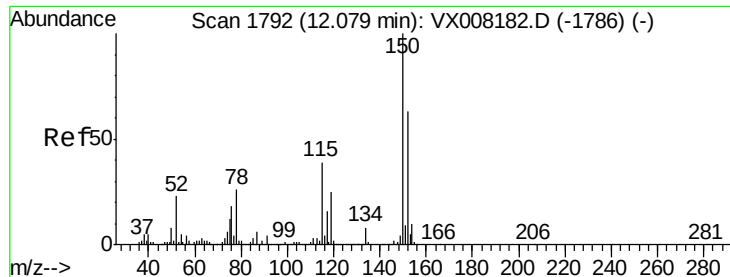
Tot Ion: 95 Resp: 218389
Ion Ratio Lower Upper
95 100
174 78.0 0.0 182.8
176 75.9 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008264.D
Acq: 21 Mar 2019 01:12

Tgt Ion: 117 Resp: 469810
Ion Ratio Lower Upper
117 100
82 60.4 44.3 66.5
119 31.4 25.3 37.9



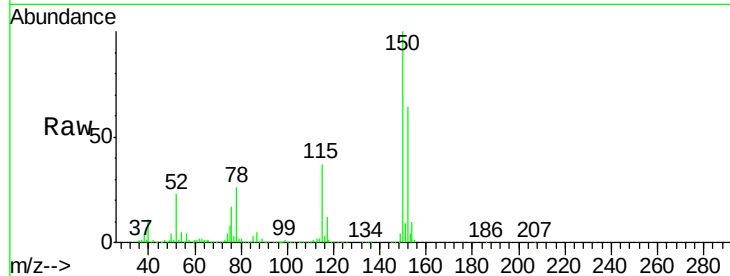


#72

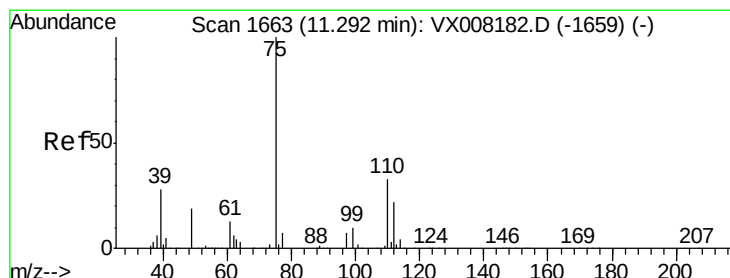
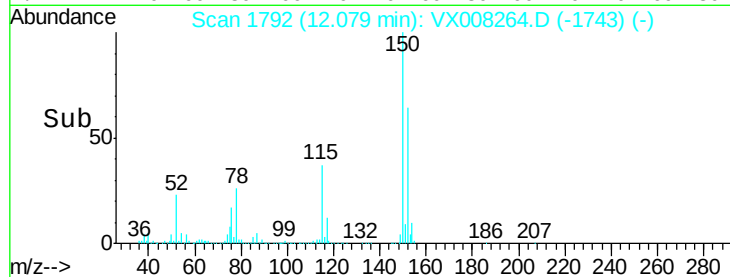
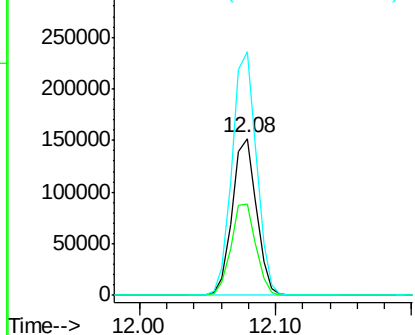
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008264.D
Acq: 21 Mar 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW301S-20190313RE

Tot Ion:152 Resp: 188102
Ion Ratio Lower Upper
152 100
115 60.1 38.6 115.7
150 157.4 0.0 348.4



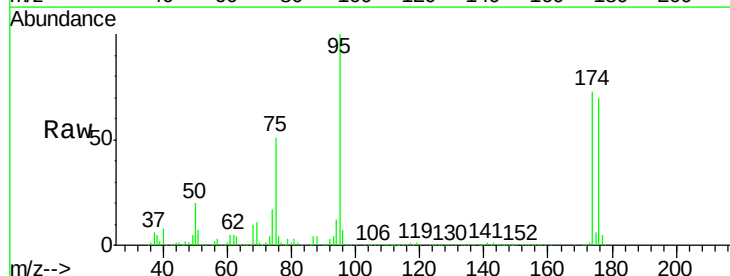
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



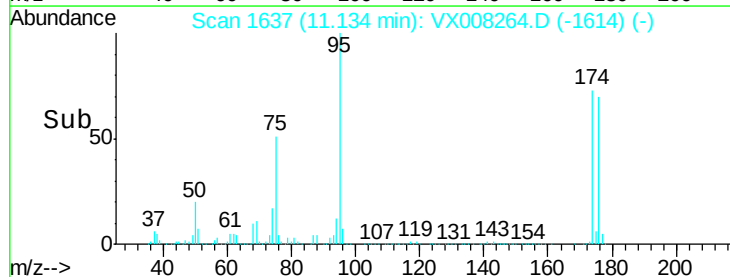
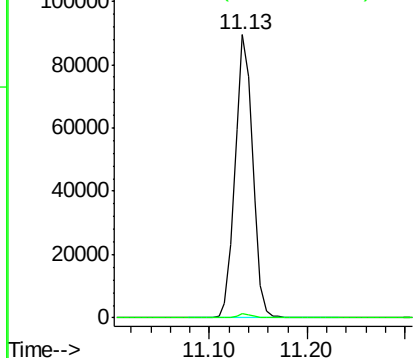
#76

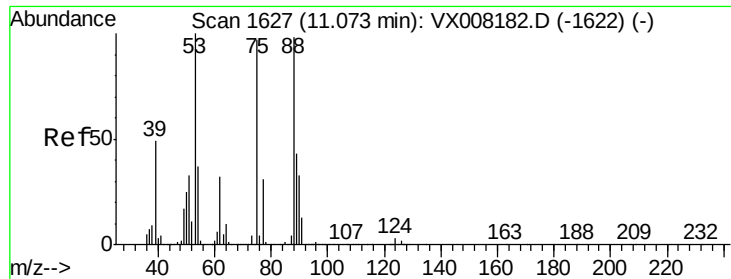
1,2,3-Trichloropropane
Concen: 21.203 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008264.D
Acq: 21 Mar 2019 01:12

Tgt Ion: 75 Resp: 112177
Ion Ratio Lower Upper
75 100
77 1.4 18.9 56.7#



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: 53.937 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008264.D

Acq: 21 Mar 2019 01:12

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW301S-20190313RE

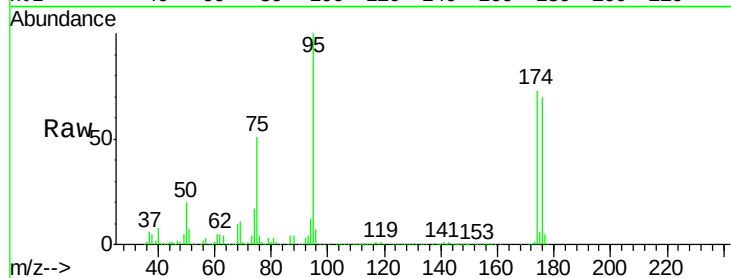
Tot Ion: 75 Resp: 112177

Ion Ratio Lower Upper

75 100

53 0.3 76.1 114.1#

89 0.0 36.3 54.5#



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

