

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006377.D
 Acq On : 10 Dec 2018 18:25
 Operator : JC/MD
 Sample : J6288-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW301S-20181206

Quant Time: Dec 11 03:59:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	744731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1142337	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1037279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	495301	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	380841	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
35) Dibromofluoromethane	5.51	113	356869	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	
50) Toluene-d8	8.71	98	1329437	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	11.13	95	493815	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	

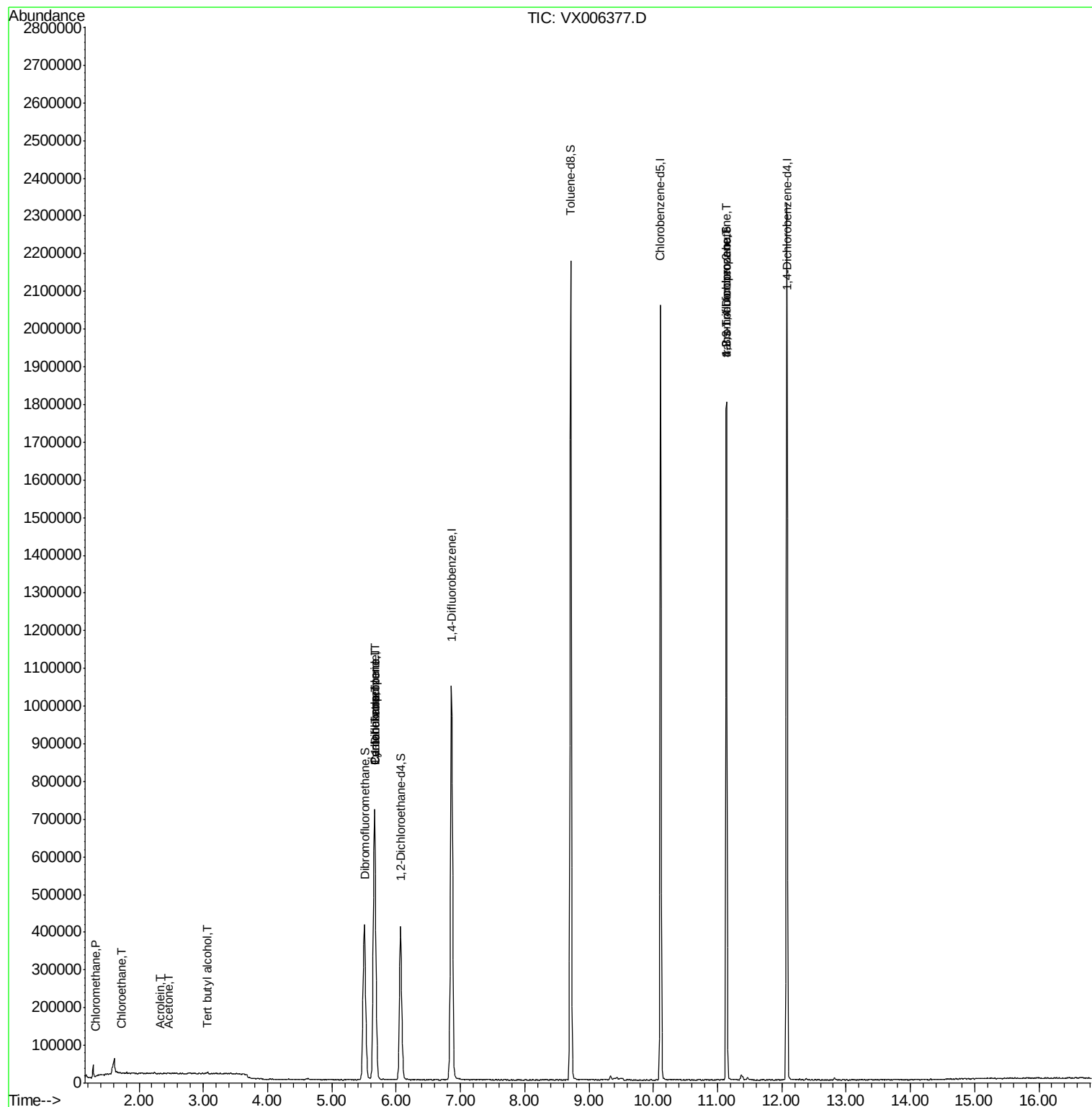
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1568	0.209	ug/l #	75
6) Chloroethane	1.73	64	1272	0.257	ug/l #	42
11) Tert butyl alcohol	3.05	59	2907	1.398	ug/l	97
13) Acrolein	2.32	56	317	0.279	ug/l #	13
16) Acetone	2.45	43	1177	0.330	ug/l	95
31) Cyclohexane	5.67	56	11555	1.052	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	46828	4.868	ug/l #	47
38) Carbon Tetrachloride	5.67	117	68167	6.024	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	225232	23.560	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	225232	55.288	ug/l #	15

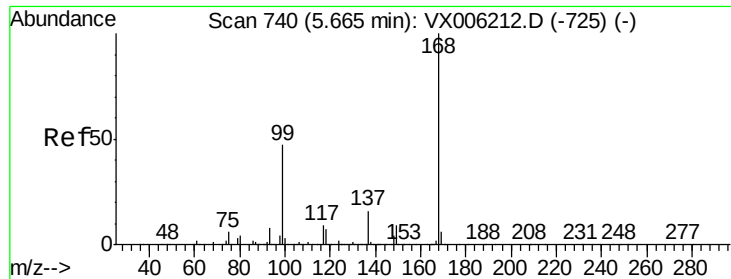
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121018\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
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: VX006377.D

Acq: 10 Dec 2018 18:25

Instrument :

MSVOA_X

ClientSampleId :

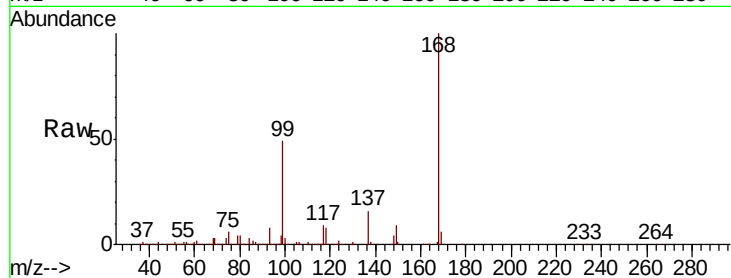
BPS1-TT-MW301S-20181206

Tot Ion:168 Resp: 744731

Ion Ratio Lower Upper

168 100

99 49.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

150000

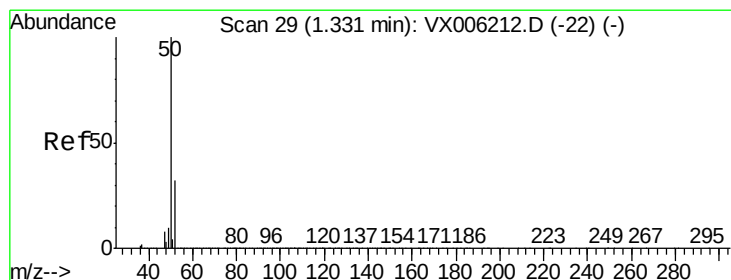
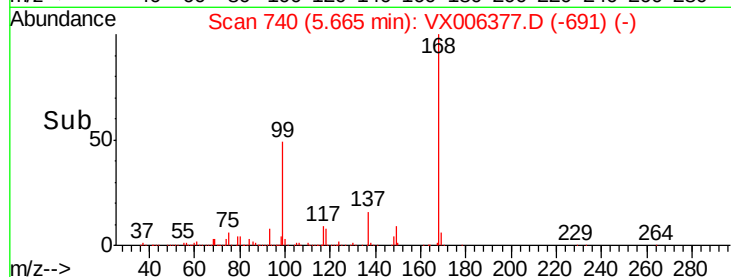
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.209 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006377.D

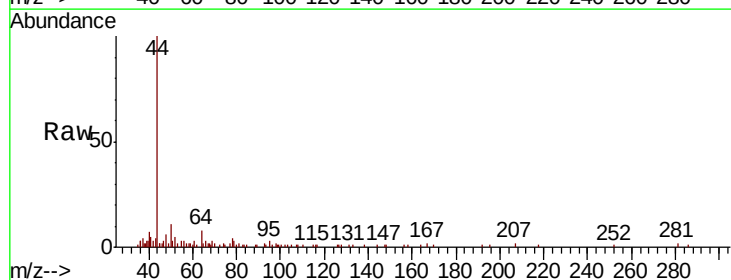
Acq: 10 Dec 2018 18:25

Tgt Ion: 50 Resp: 1568

Ion Ratio Lower Upper

50 100

52 45.4 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

800

600

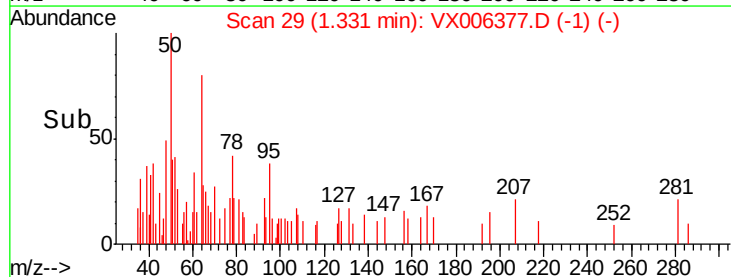
400

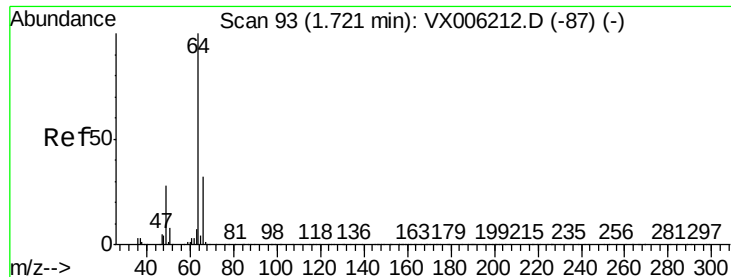
200

0

Time-->

1.30 1.35 1.40





#6

Chloroethane

Concen: 0.257 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.01 min

Lab File: VX006377.D

Acq: 10 Dec 2018 18:25

Instrument :

MSVOA_X

ClientSampleId :

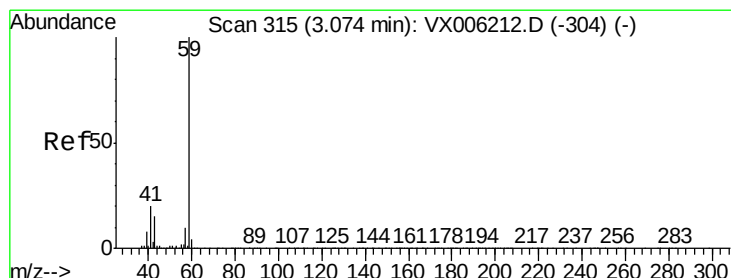
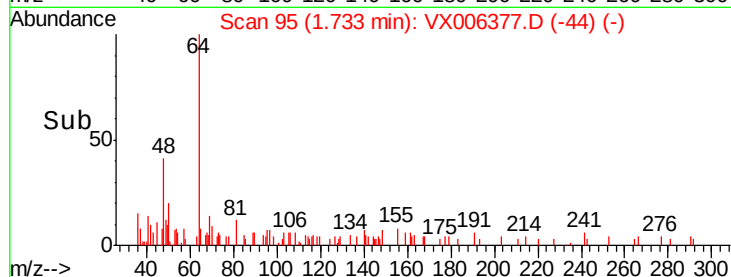
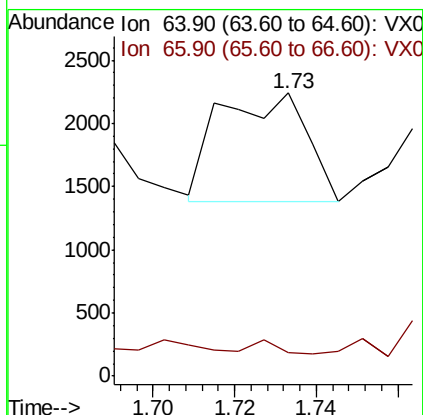
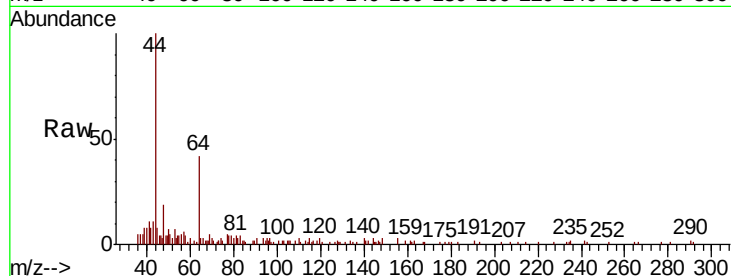
BPS1-TT-MW301S-20181206

Tot Ion: 64 Resp: 1272

Ion Ratio Lower Upper

64 100

66 0.0 25.9 38.9#



#11

Tert butyl alcohol

Concen: 1.398 ug/l

RT: 3.05 min Scan# 311

Delta R.T. -0.02 min

Lab File: VX006377.D

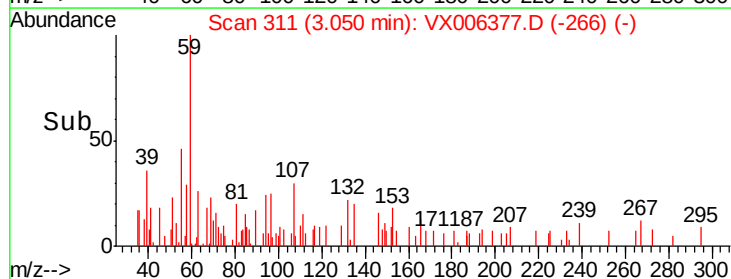
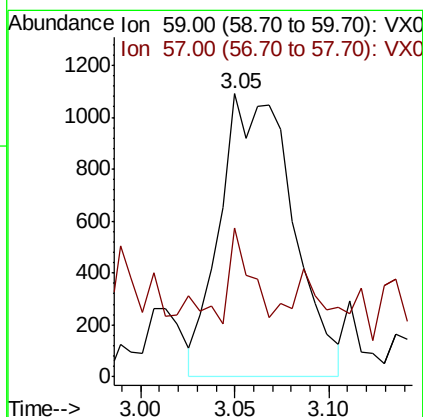
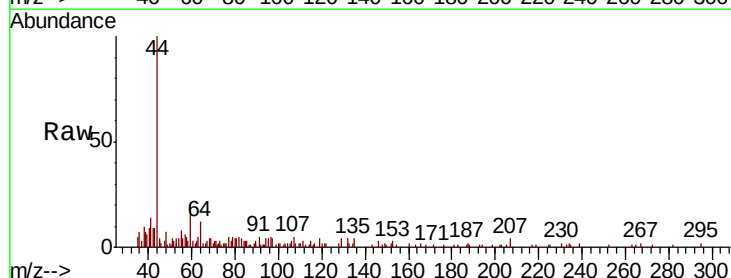
Acq: 10 Dec 2018 18:25

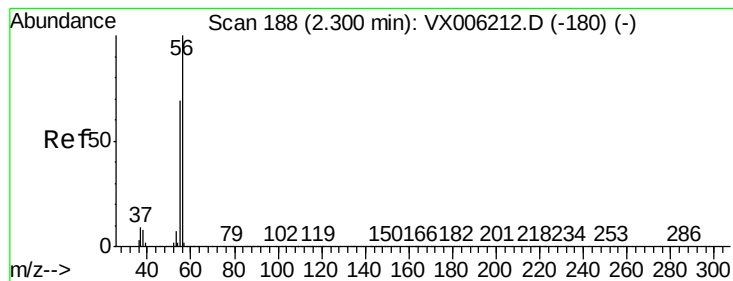
Tgt Ion: 59 Resp: 2907

Ion Ratio Lower Upper

59 100

57 11.5 8.2 12.2





#13

Acrolein

Concen: 0.279 ug/l

RT: 2.32 min Scan# 192

Delta R.T. 0.02 min

Lab File: VX006377.D

Acq: 10 Dec 2018 18:25

Instrument :

MSVOA_X

ClientSampleId :

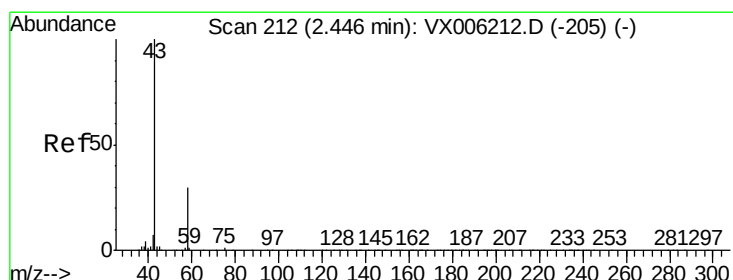
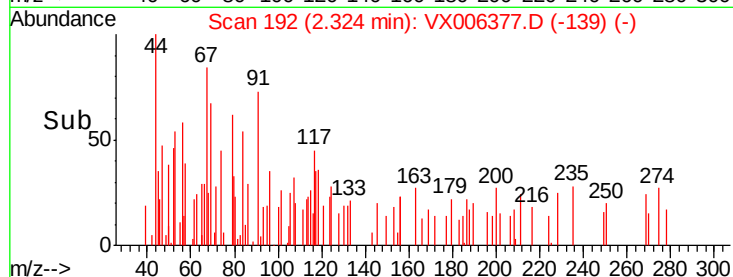
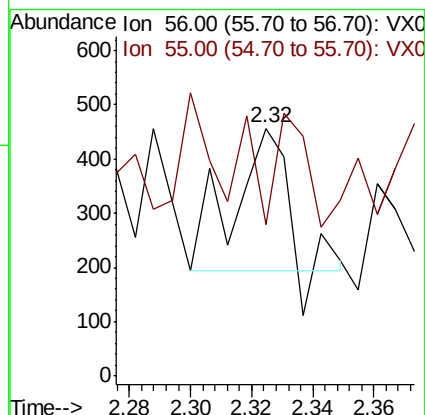
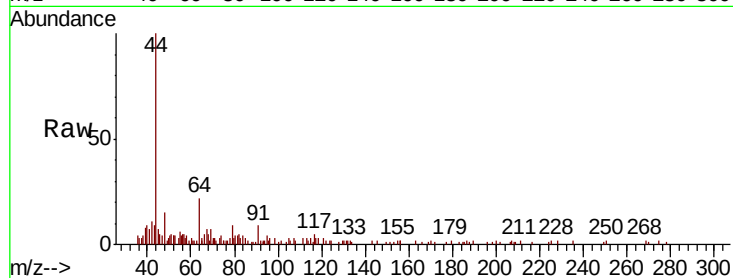
BPS1-TT-MW301S-20181206

Tot Ion: 56 Resp: 317

Ion Ratio Lower Upper

56 100

55 0.0 57.8 86.6#



#16

Acetone

Concen: 0.330 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006377.D

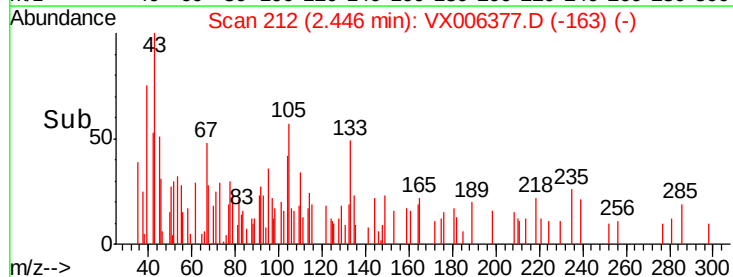
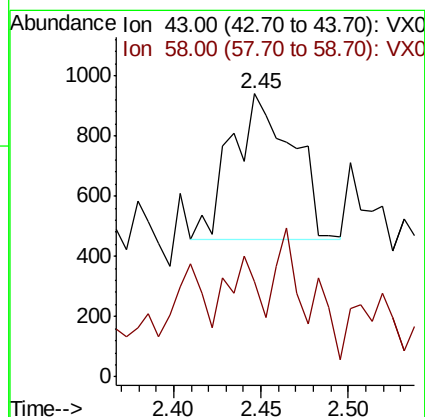
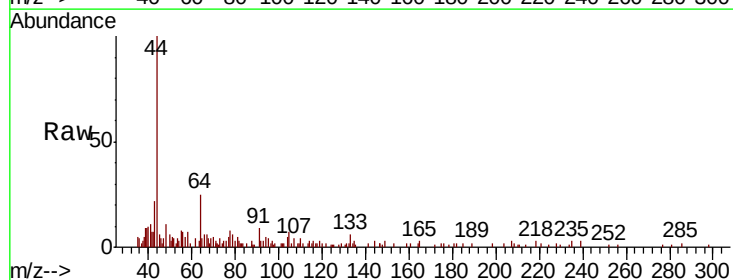
Acq: 10 Dec 2018 18:25

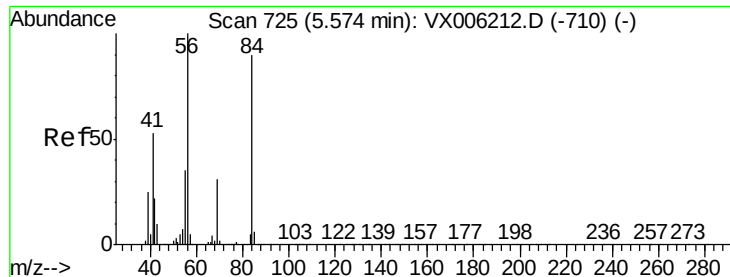
Tgt Ion: 43 Resp: 1177

Ion Ratio Lower Upper

43 100

58 32.9 24.0 36.0

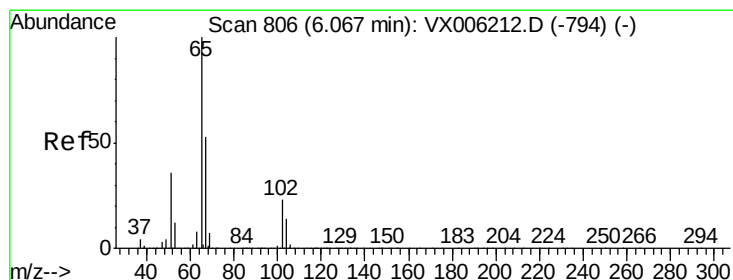
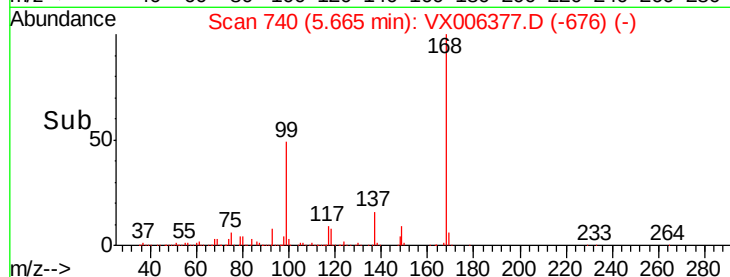
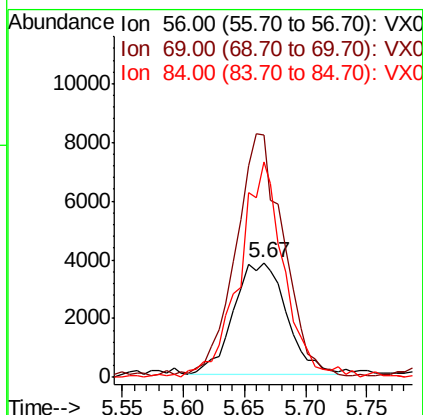
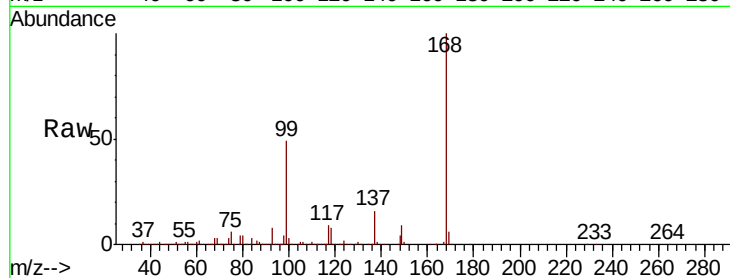




#31
Cyclohexane
Concen: 1.052 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX006377.D
Acq: 10 Dec 2018 18:25

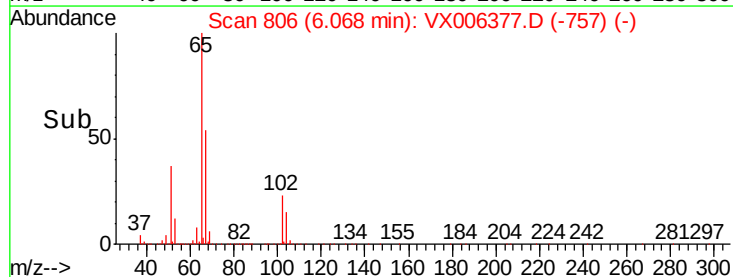
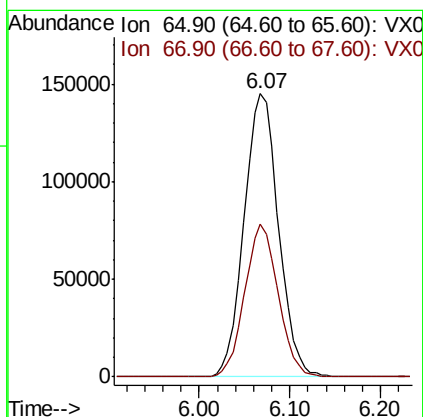
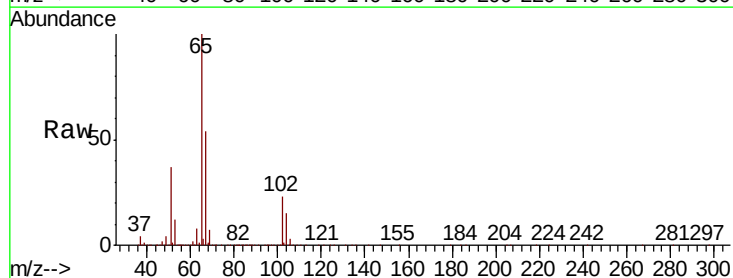
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW301S-20181206

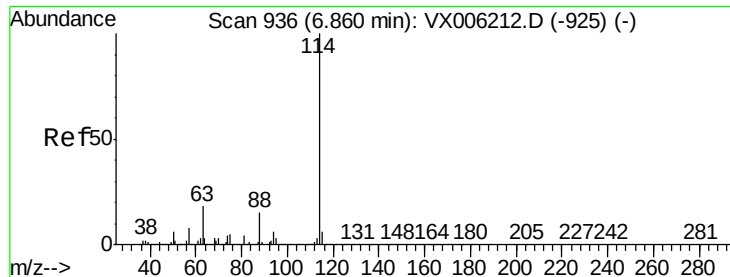
Tot Ion: 56 Resp: 11555
Ion Ratio Lower Upper
56 100
69 212.1 24.5 36.7#
84 186.4 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 50.094 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006377.D
Acq: 10 Dec 2018 18:25

Tgt Ion: 65 Resp: 380841
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006377.D

Acq: 10 Dec 2018 18:25

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW301S-20181206

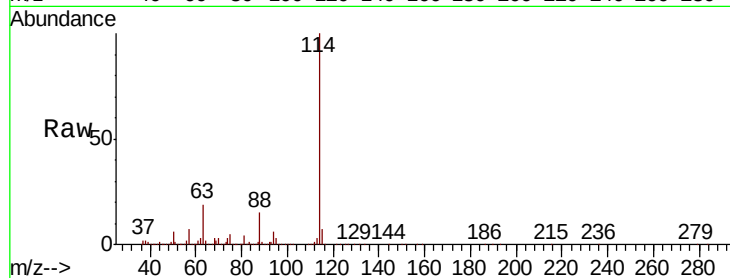
Tot Ion:114 Resp: 1142337

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.6

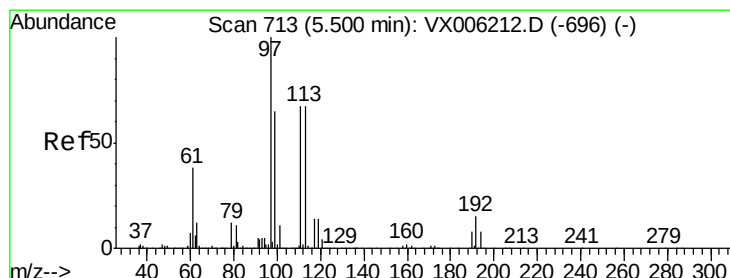
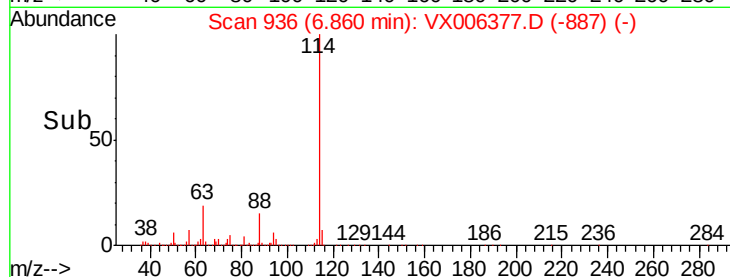
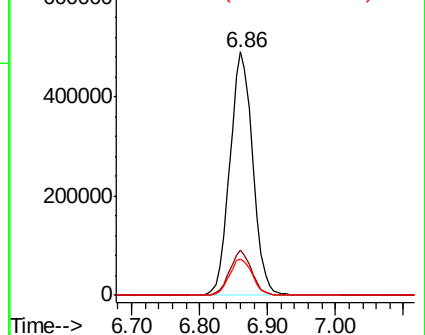
88 14.6 0.0 29.0



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: 48.250 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006377.D

Acq: 10 Dec 2018 18:25

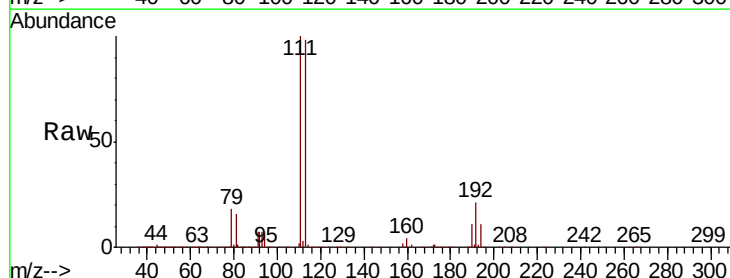
Tgt Ion:113 Resp: 356869

Ion Ratio Lower Upper

113 100

111 102.3 81.1 121.7

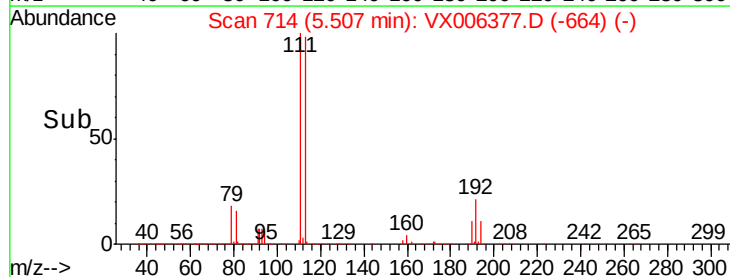
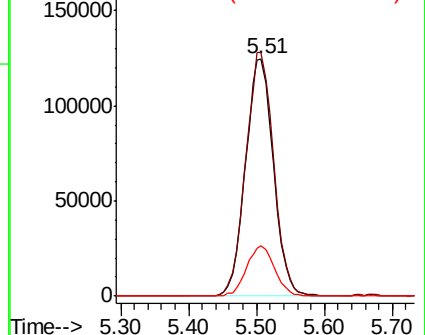
192 21.3 18.2 27.2

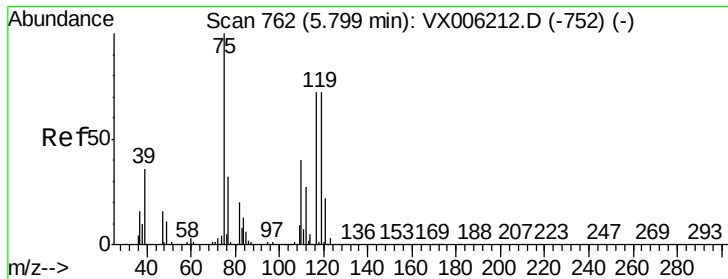


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

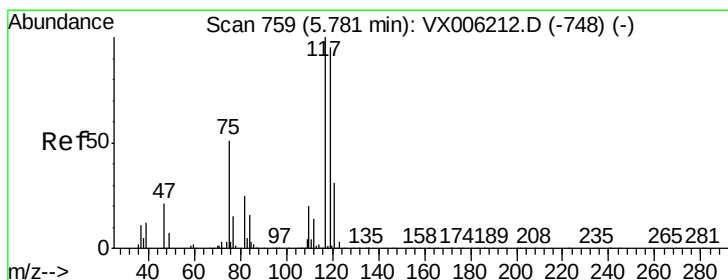
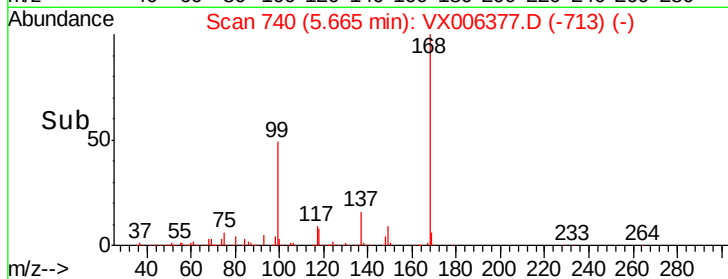
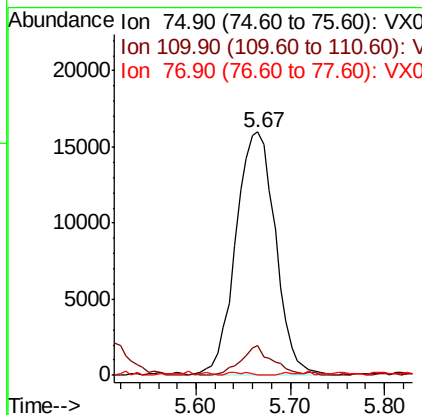
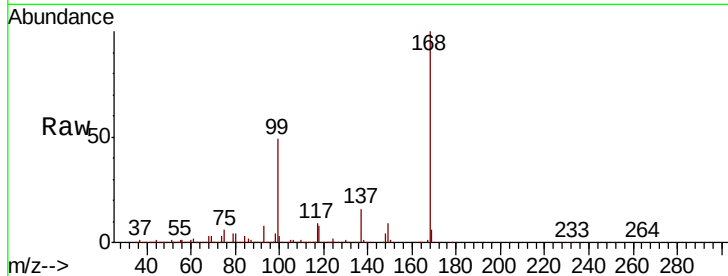




#36
 1,1-Dichloropropene
 Concen: 4.868 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006377.D
 Acq: 10 Dec 2018 18:25

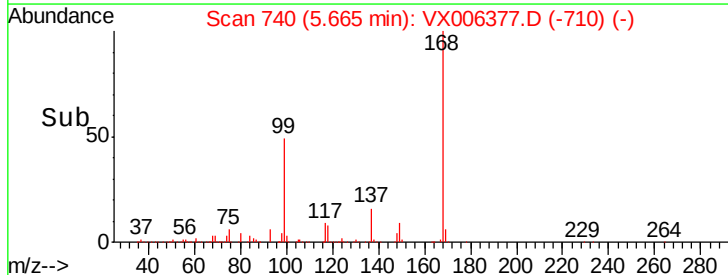
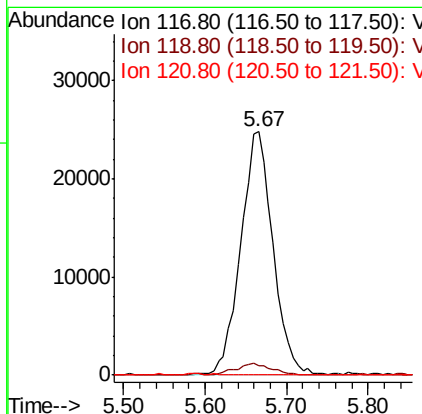
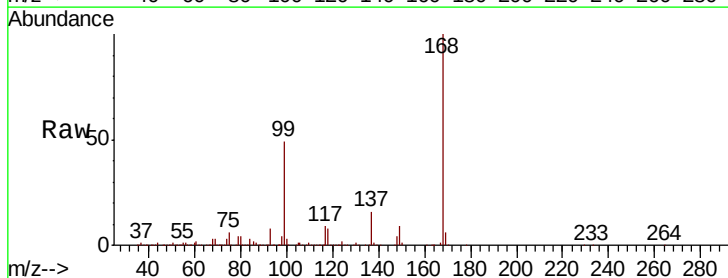
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW301S-20181206

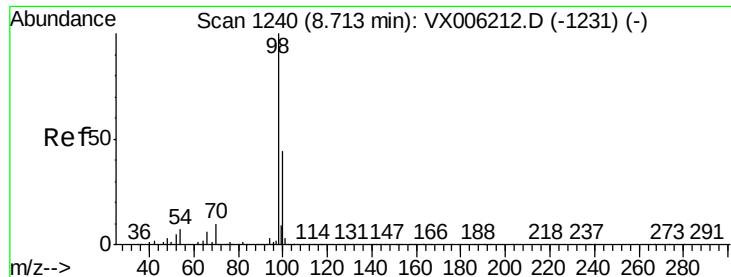
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.9	20.4	61.3#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.024 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX006377.D
 Acq: 10 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	75.8	113.8#
121	0.0	24.6	37.0#

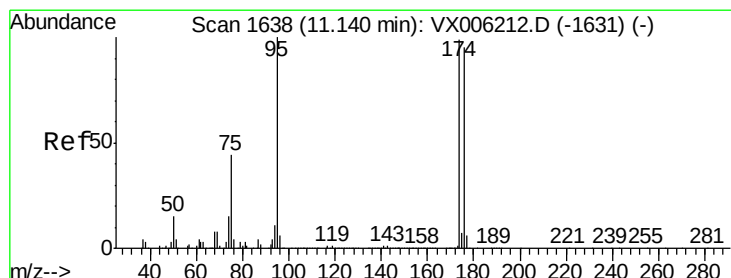
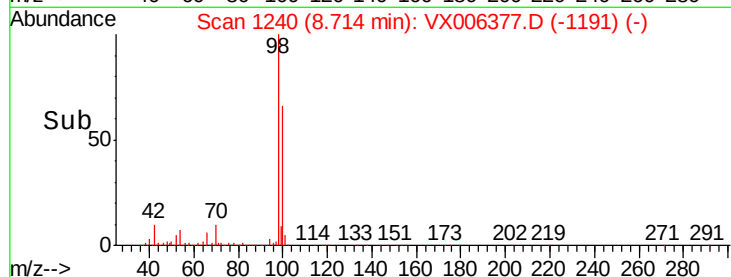
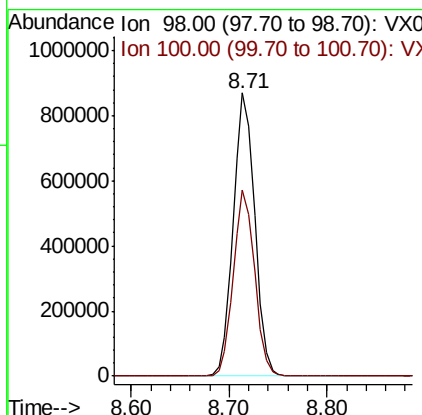
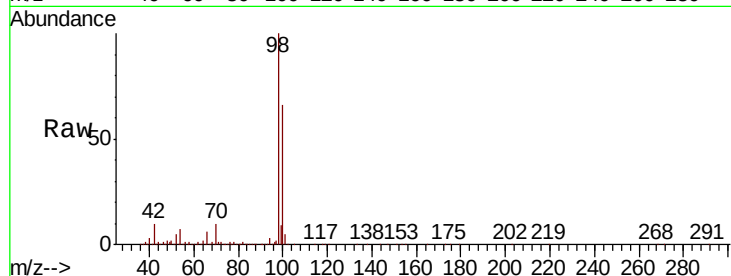




#50
Toluene-d8
Concen: 49.416 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006377.D
Acq: 10 Dec 2018 18:25

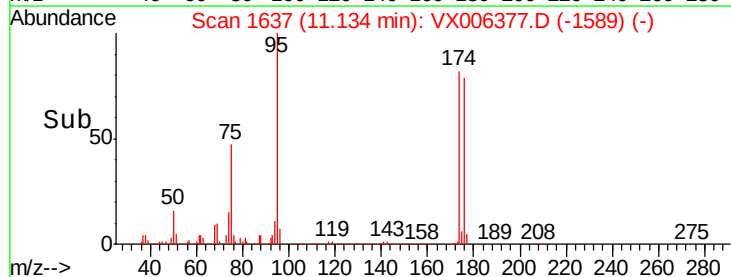
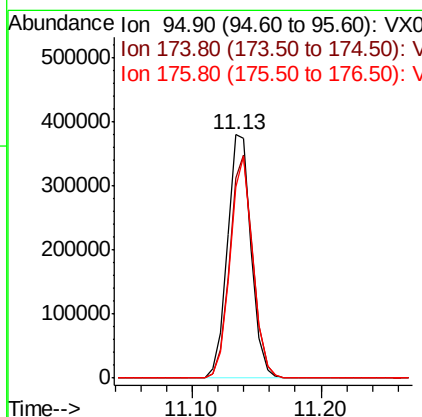
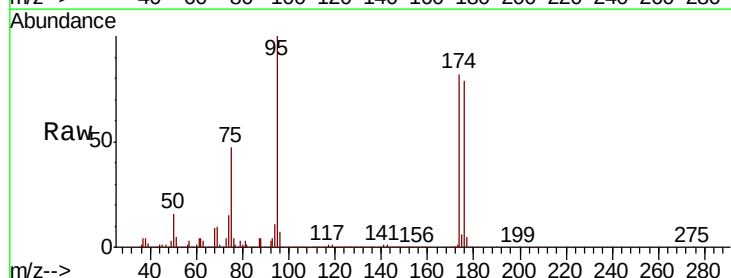
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW301S-20181206

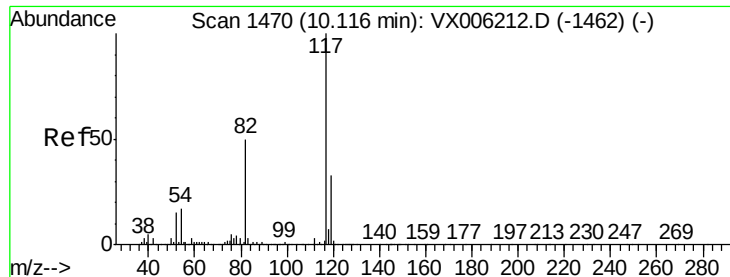
Tot Ion: 98 Resp: 1329437
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.710 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006377.D
Acq: 10 Dec 2018 18:25

Tgt Ion: 95 Resp: 493815
Ion Ratio Lower Upper
95 100
174 88.9 0.0 187.0
176 86.6 0.0 181.8

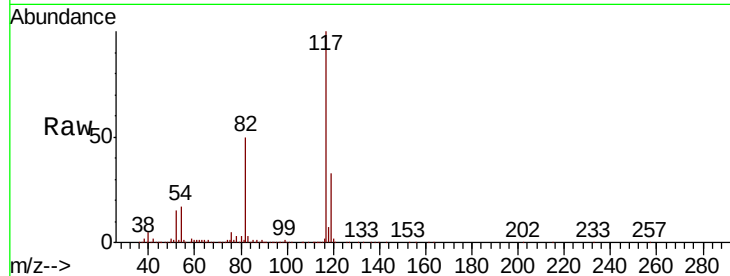




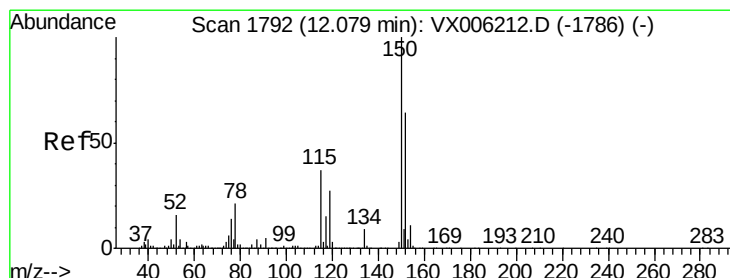
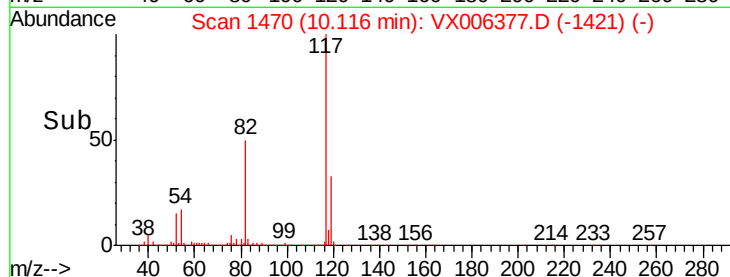
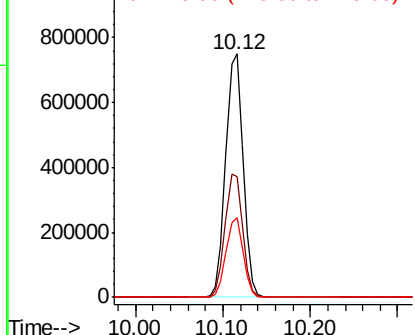
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006377.D
Acq: 10 Dec 2018 18:25

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW301S-20181206

Tot Ion:117 Resp: 1037279
Ion Ratio Lower Upper
117 100
82 49.7 39.6 59.4
119 32.8 26.3 39.5

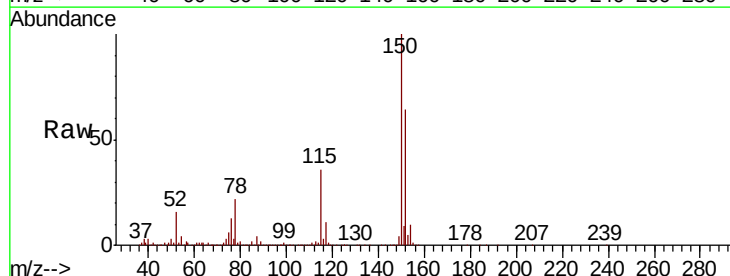


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

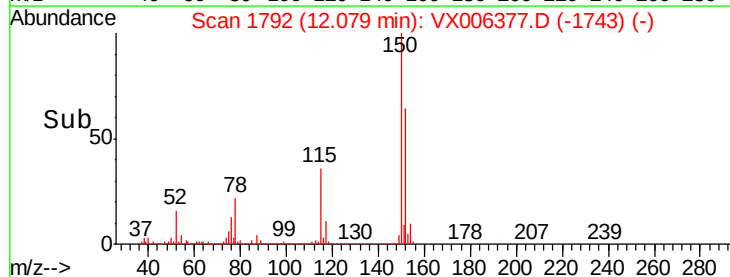
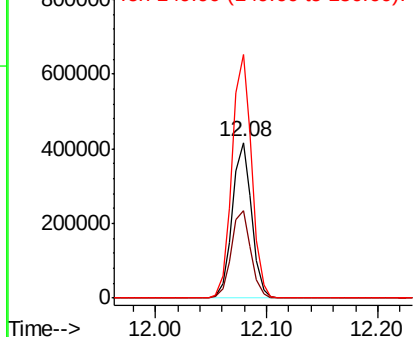


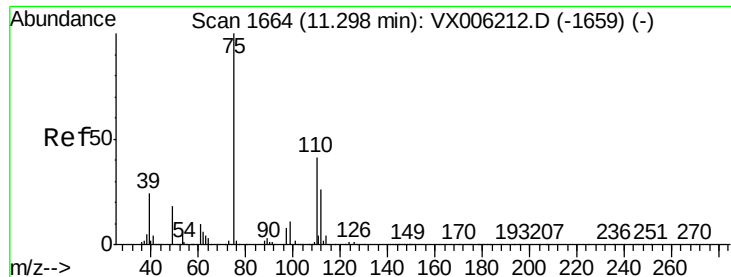
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006377.D
Acq: 10 Dec 2018 18:25

Tgt Ion:152 Resp: 495301
Ion Ratio Lower Upper
152 100
115 57.1 39.0 116.9
150 159.3 0.0 345.8



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: 23.560 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006377.D

Acq: 10 Dec 2018 18:25

Instrument :

MSVOA_X

ClientSampleId :

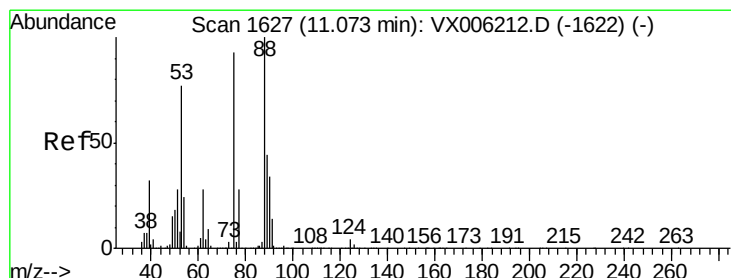
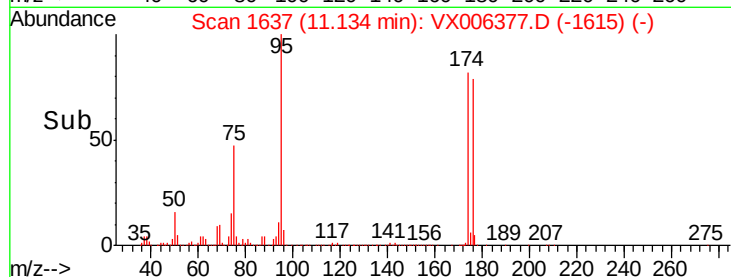
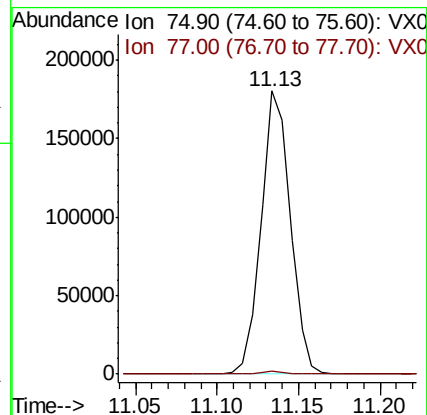
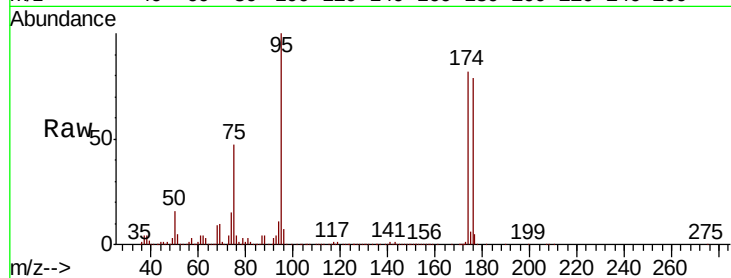
BPS1-TT-MW301S-20181206

Tot Ion: 75 Resp: 225232

Ion Ratio Lower Upper

75 100

77 1.1 19.9 59.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 55.288 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006377.D

Acq: 10 Dec 2018 18:25

Tgt Ion: 75 Resp: 225232

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.0 44.2 66.4#

