

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006365.D
 Acq On : 10 Dec 2018 13:05
 Operator : JC/MD
 Sample : J6288-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TB03-20181205

Quant Time: Dec 11 03:56:24 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	862791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1292059	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1162337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	568706	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	418608	47.53	ug/l	0.00
Spiked Amount			Recovery	=	95.06%	
35) Dibromofluoromethane	5.50	113	406246	48.56	ug/l	0.00
Spiked Amount			Recovery	=	97.12%	
50) Toluene-d8	8.71	98	1490375	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.13	95	550365	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	

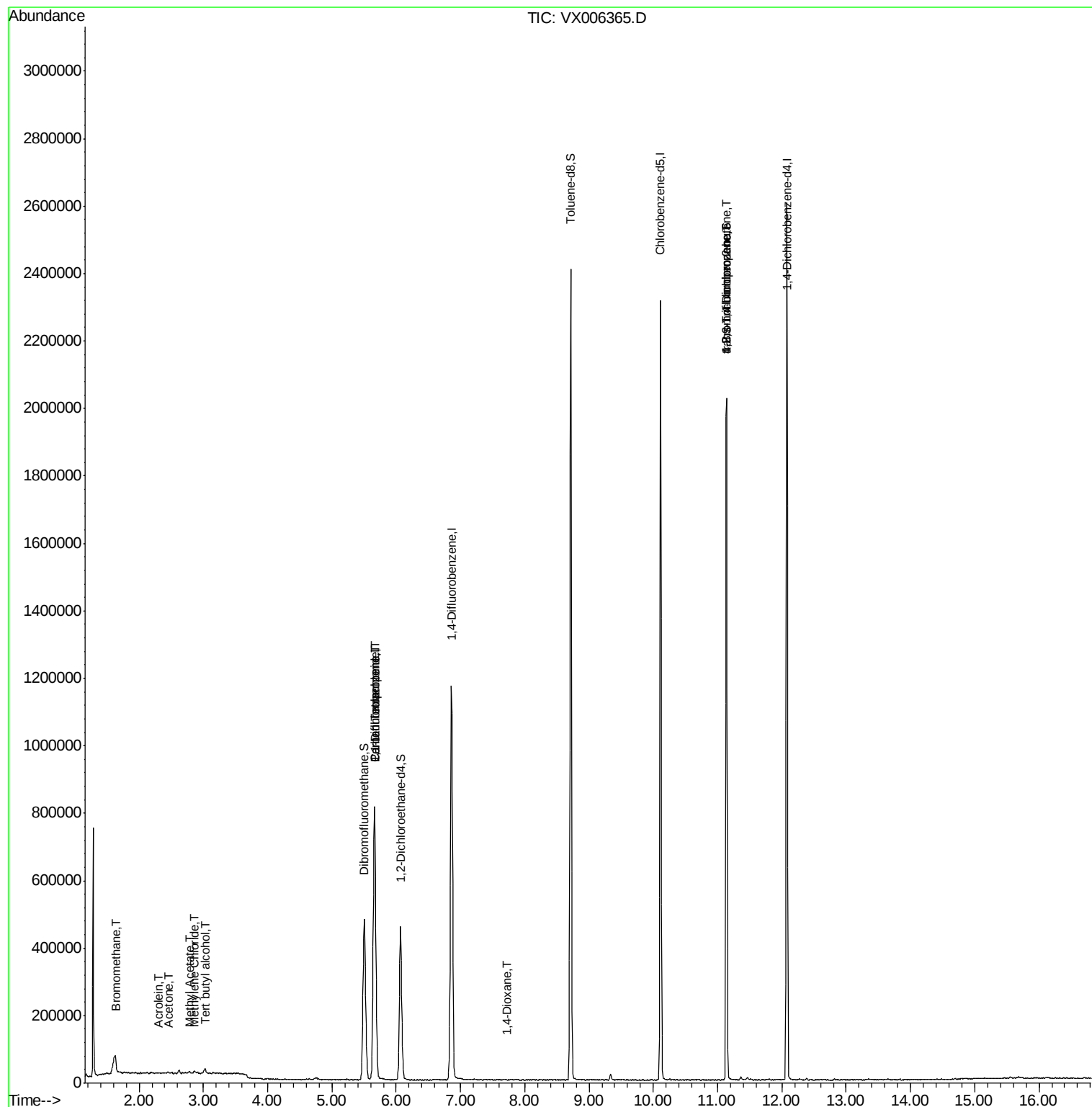
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	2118	0.327	ug/l	89
11) Tert butyl alcohol	3.03	59	8918	3.702	ug/l #	75
13) Acrolein	2.30	56	344	0.261	ug/l #	13
16) Acetone	2.45	43	5276	1.276	ug/l	92
18) Methyl Acetate	2.78	43	8819	0.638	ug/l #	78
20) Methylene Chloride	2.86	84	3370	0.383	ug/l	86
36) 1,1-Dichloropropene	5.66	75	51895	4.770	ug/l #	48
38) Carbon Tetrachloride	5.66	117	76096	5.945	ug/l #	16
49) 1,4-Dioxane	7.73	88	63	0.259	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	246641	22.469	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	246641	52.729	ug/l #	15

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

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Quant Time: Dec 11 03:56:24 2018
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: VX006365.D

Acq: 10 Dec 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

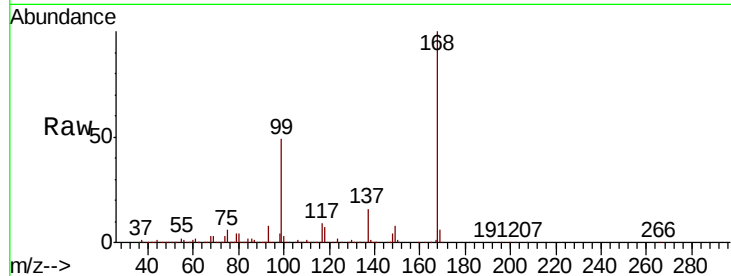
BPS1-TB03-20181205

Tot Ion:168 Resp: 862791

Ion Ratio Lower Upper

168 100

99 48.9 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

300000

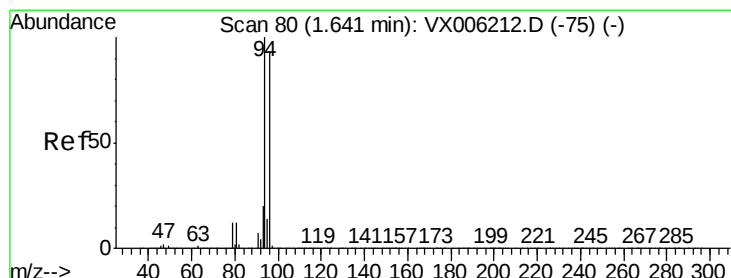
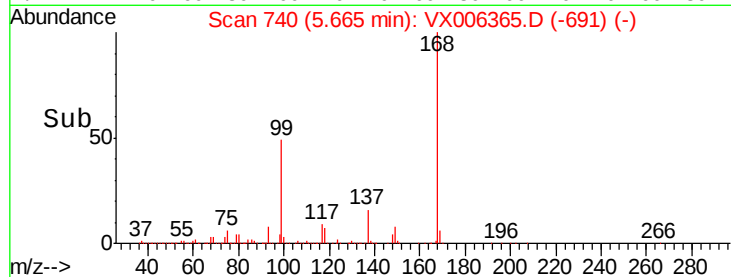
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.327 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006365.D

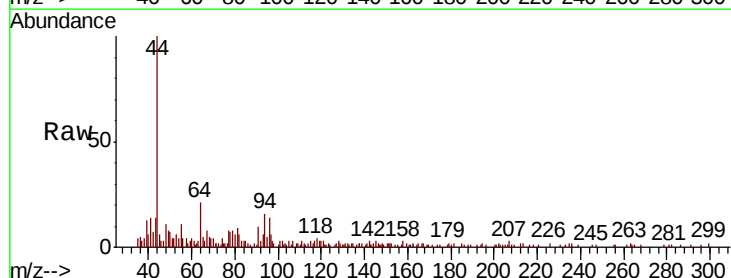
Acq: 10 Dec 2018 13:05

Tgt Ion: 94 Resp: 2118

Ion Ratio Lower Upper

94 100

96 82.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

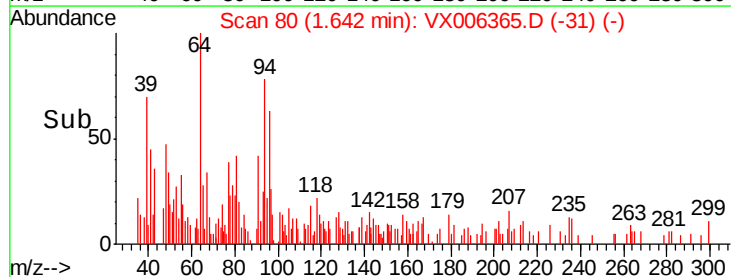
1000

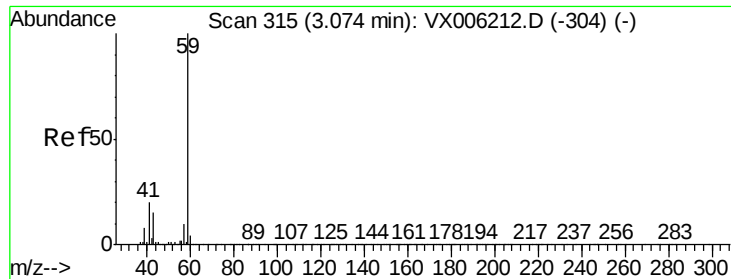
500

0

Time-->

1.60 1.65 1.70

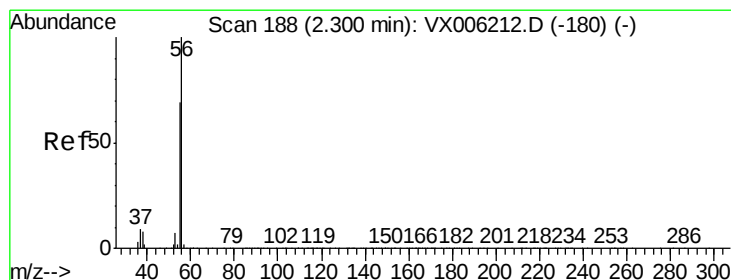
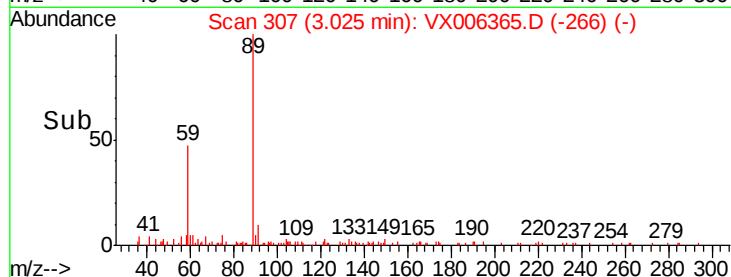
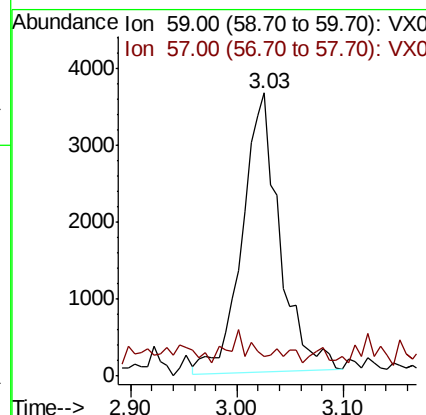
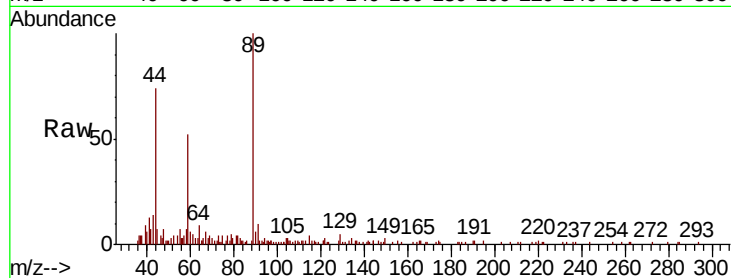




#11
Tert butyl alcohol
Concen: 3.702 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX006365.D
Acq: 10 Dec 2018 13:05

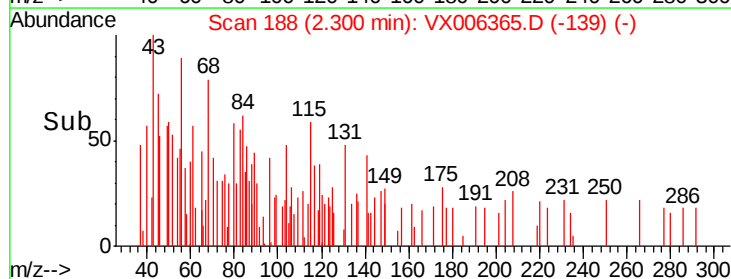
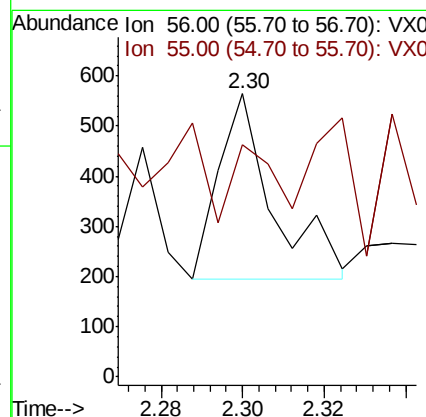
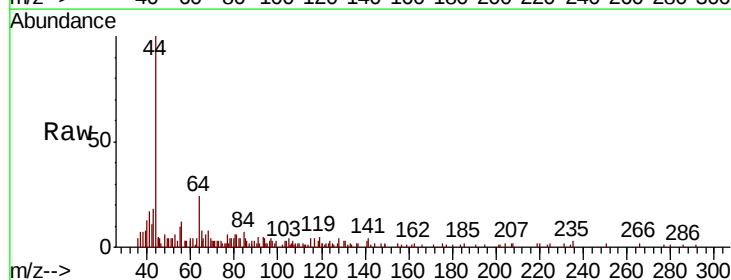
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TB03-20181205

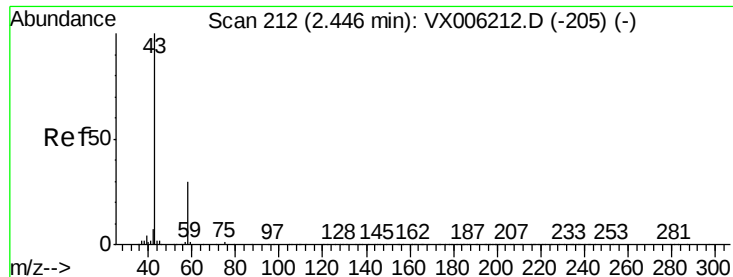
Tot Ion: 59 Resp: 8918
Ion Ratio Lower Upper
59 100
57 1.0 8.2 12.2#



#13
Acrolein
Concen: 0.261 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX006365.D
Acq: 10 Dec 2018 13:05

Tgt Ion: 56 Resp: 344
Ion Ratio Lower Upper
56 100
55 0.0 57.8 86.6#

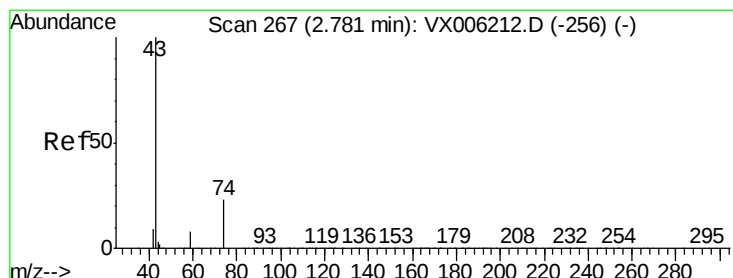
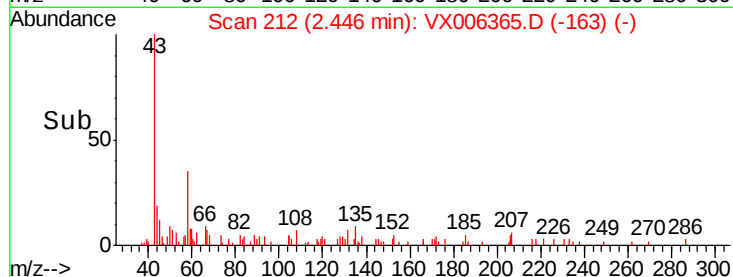
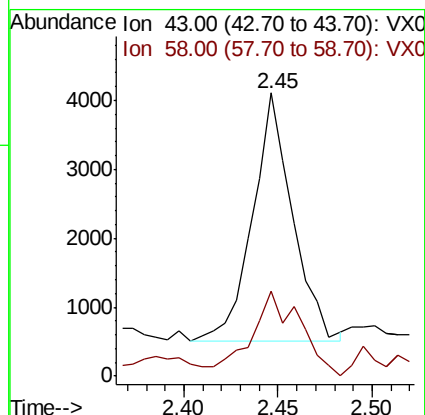
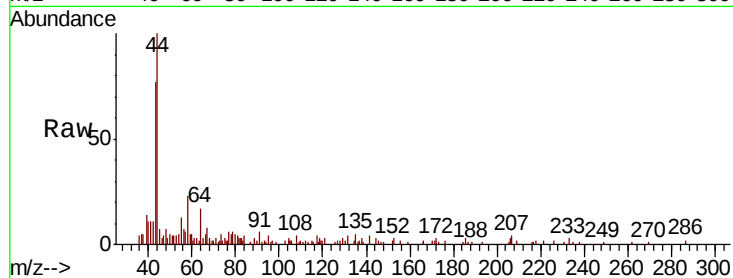




#16
Acetone
Concen: 1.276 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006365.D
Acq: 10 Dec 2018 13:05

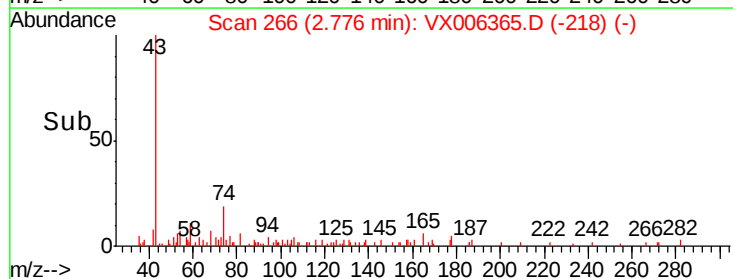
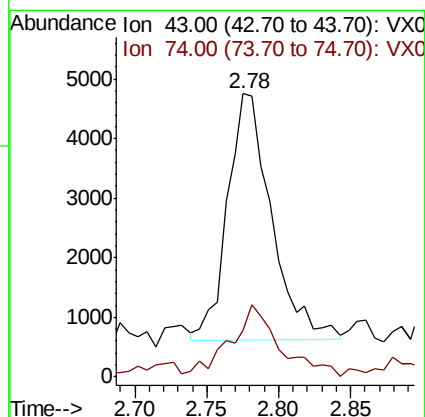
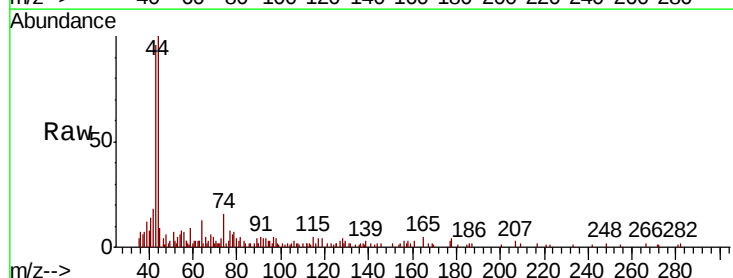
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TB03-20181205

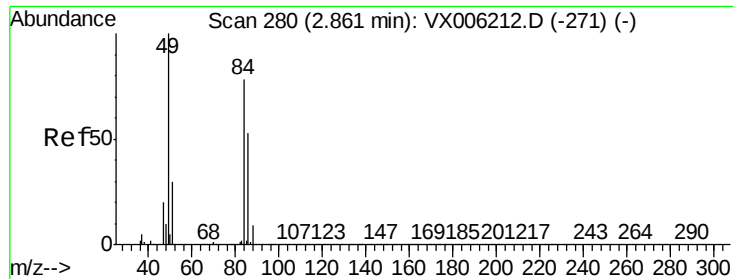
Tot Ion: 43 Resp: 5276
Ion Ratio Lower Upper
43 100
58 34.2 24.0 36.0



#18
Methyl Acetate
Concen: 0.638 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006365.D
Acq: 10 Dec 2018 13:05

Tgt Ion: 43 Resp: 8819
Ion Ratio Lower Upper
43 100
74 32.9 17.9 26.9#

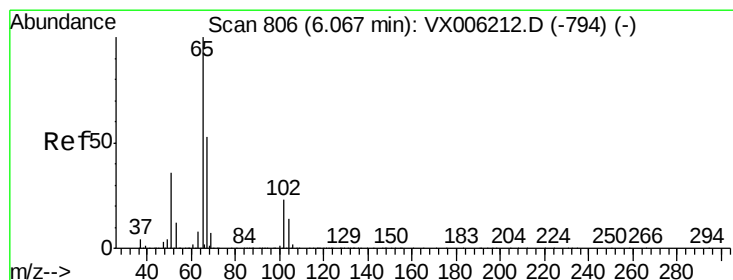
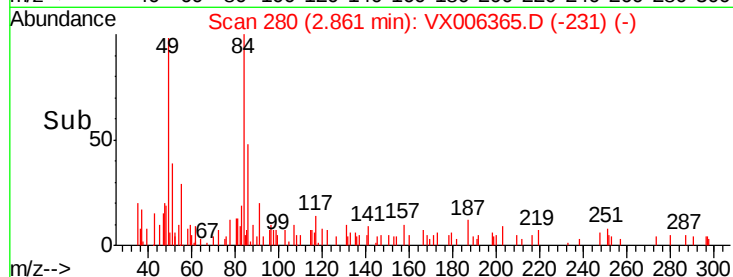
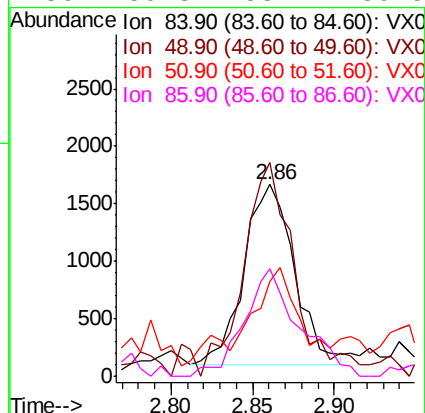
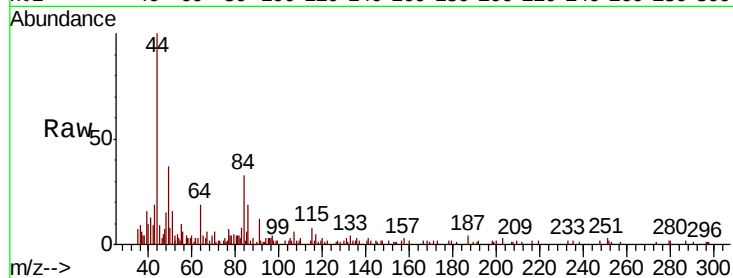




#20
Methvlene Chloride
Concen: 0.383 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006365.D
Acq: 10 Dec 2018 13:05

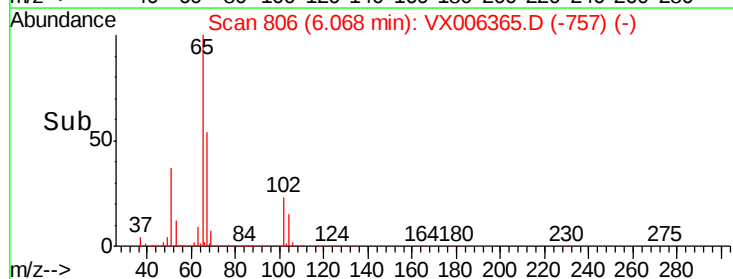
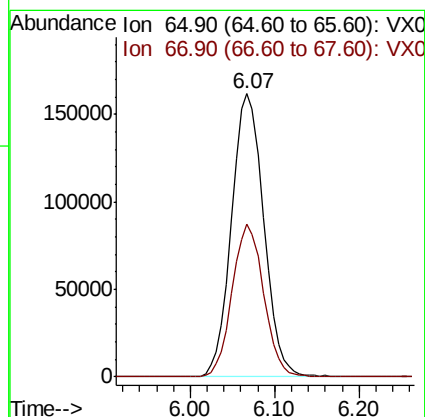
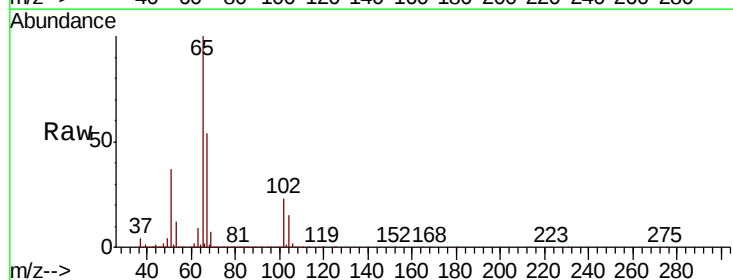
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TB03-20181205

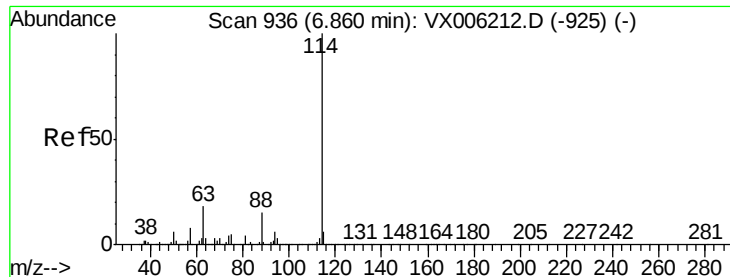
Tot Ion: 84 Resp: 3370
Ion Ratio Lower Upper
84 100
49 106.1 102.2 153.4
51 43.8 31.1 46.7
86 59.3 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 47.527 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006365.D
Acq: 10 Dec 2018 13:05

Tgt Ion: 65 Resp: 418608
Ion Ratio Lower Upper
65 100
67 52.9 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: VX006365.D

Acq: 10 Dec 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TB03-20181205

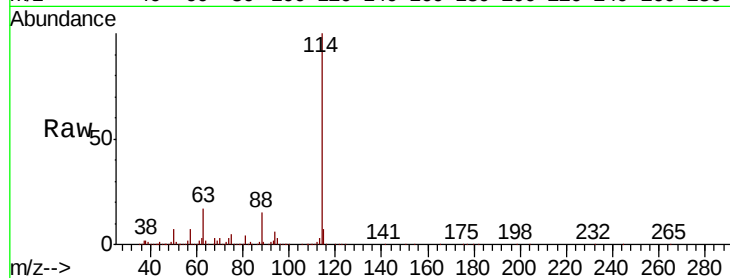
Tot Ion:114 Resp: 1292059

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

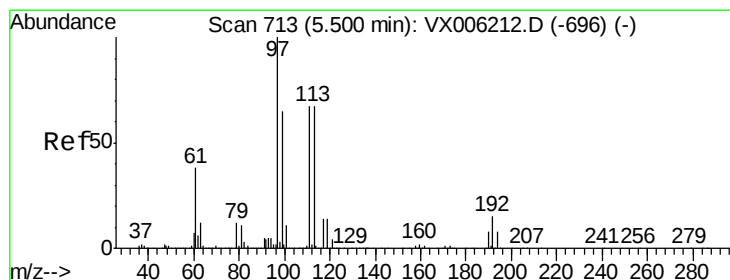
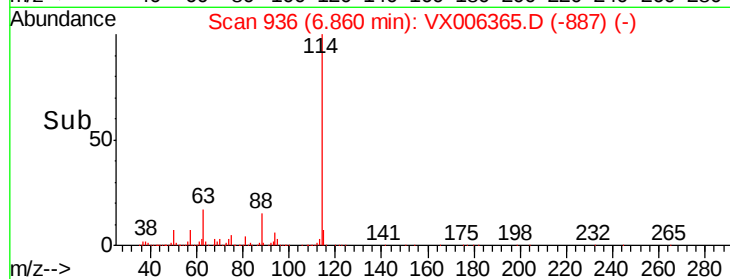
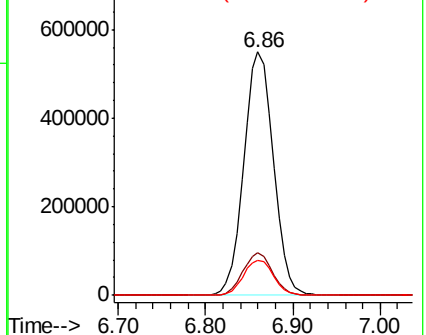
88 14.5 0.0 29.0



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: 48.562 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006365.D

Acq: 10 Dec 2018 13:05

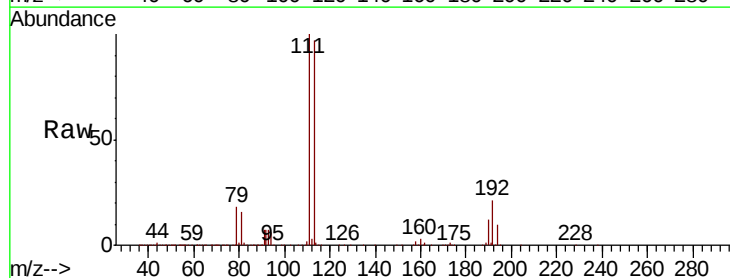
Tgt Ion:113 Resp: 406246

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

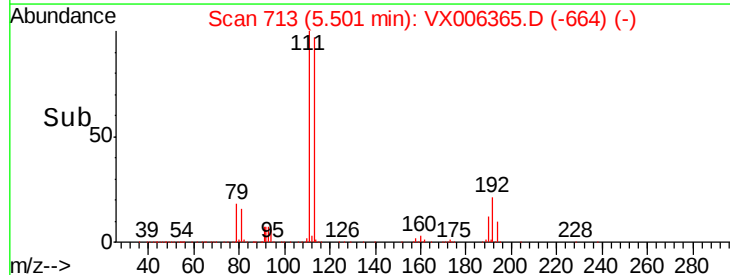
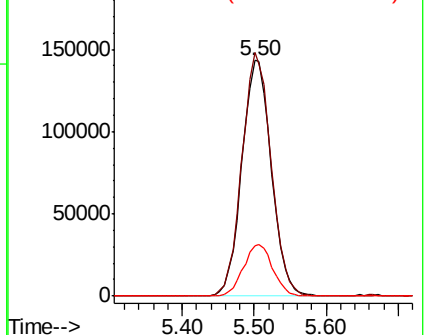
192 22.0 18.2 27.2

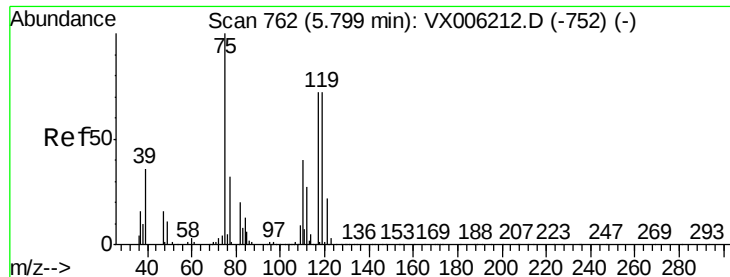


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

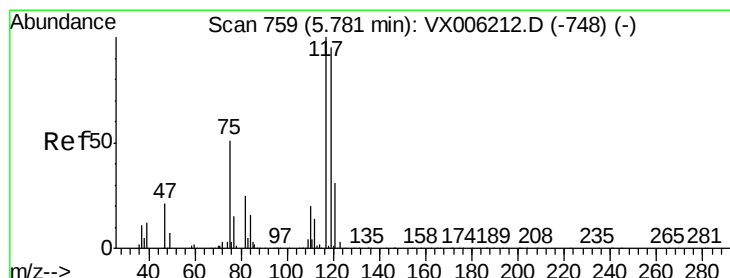
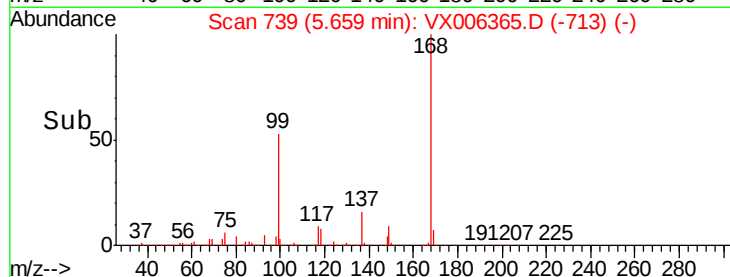
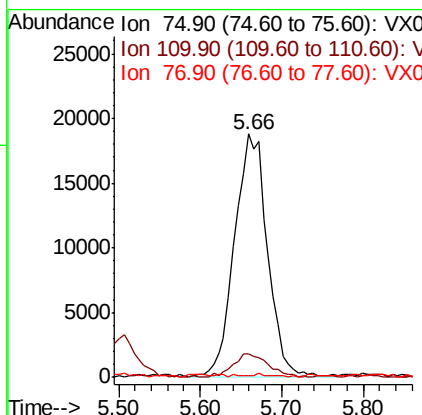
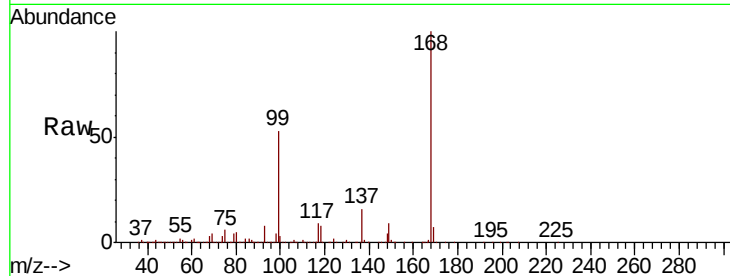




#36
 1,1-Dichloropropene
 Concen: 4.770 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX006365.D
 Acq: 10 Dec 2018 13:05

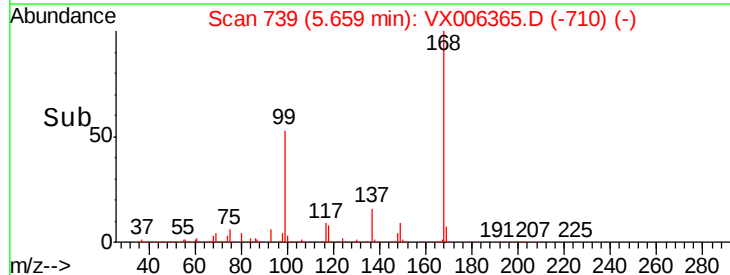
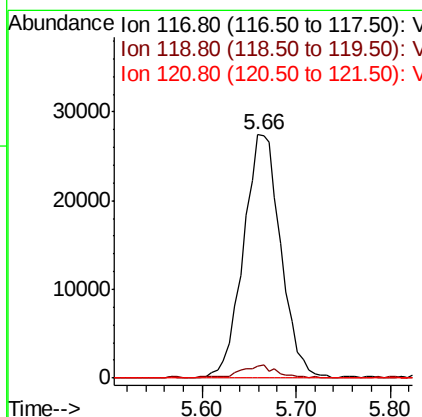
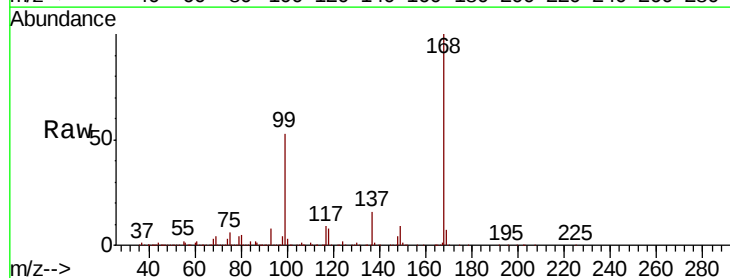
Instrument :
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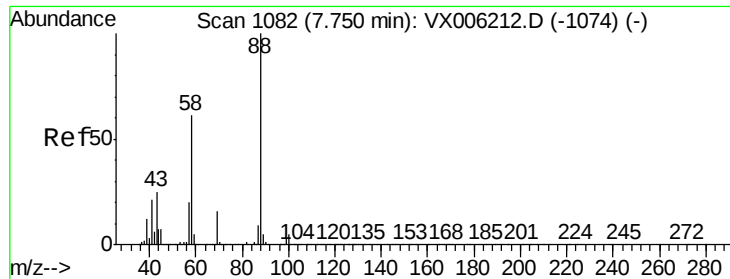
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.6	20.4	61.3#
77	0.5	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.945 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX006365.D
 Acq: 10 Dec 2018 13:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.8	113.8#
121	0.0	24.6	37.0#





#49

1,4-Dioxane

Concen: 0.259 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. -0.02 min

Lab File: VX006365.D

Acq: 10 Dec 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TB03-20181205

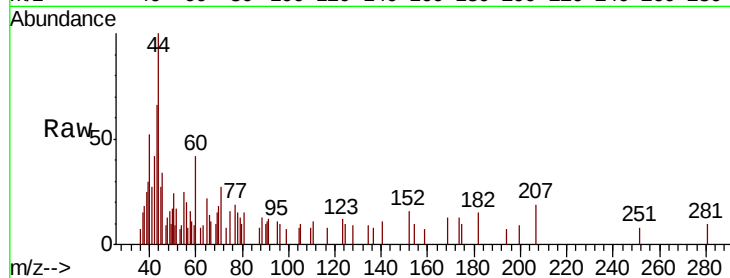
Tot Ion: 88 Resp: 63

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

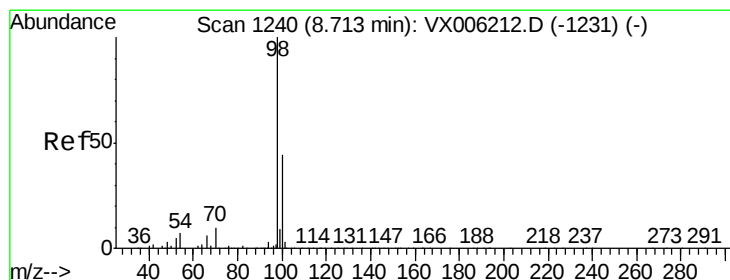
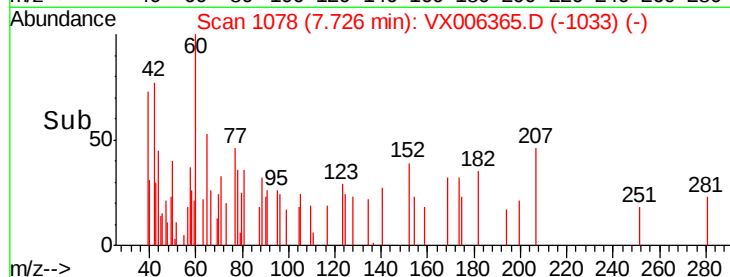
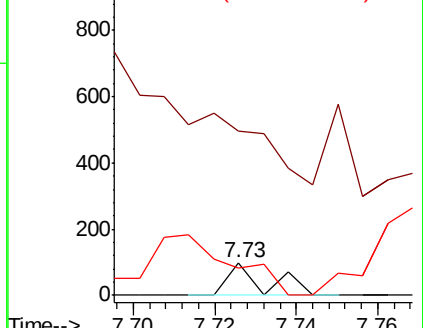
58 404.8 51.4 77.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.979 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006365.D

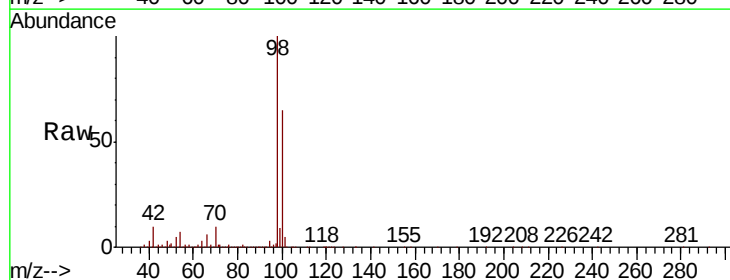
Acq: 10 Dec 2018 13:05

Tgt Ion: 98 Resp: 1490375

Ion Ratio Lower Upper

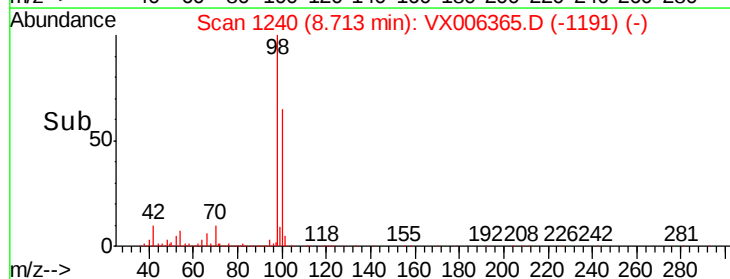
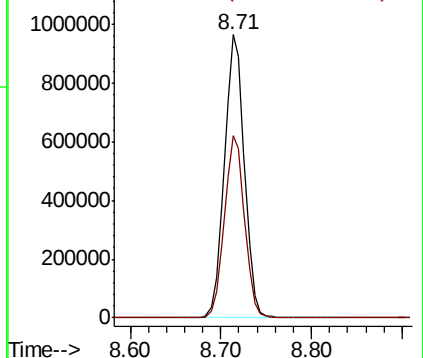
98 100

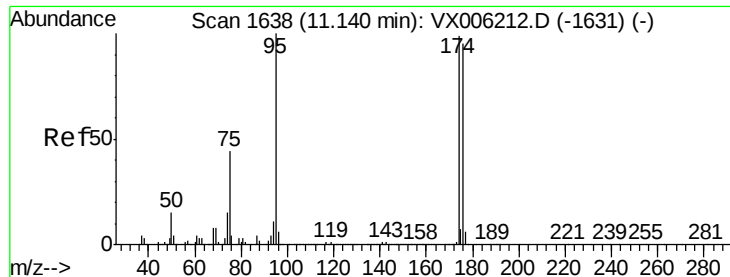
100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.997 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006365.D

Acq: 10 Dec 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TB03-20181205

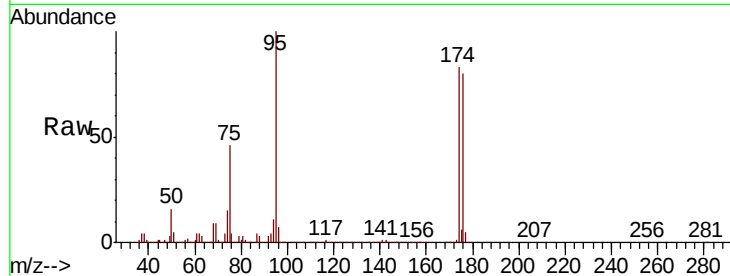
Tot Ion: 95 Resp: 550365

Ion Ratio Lower Upper

95 100

174 90.4 0.0 187.0

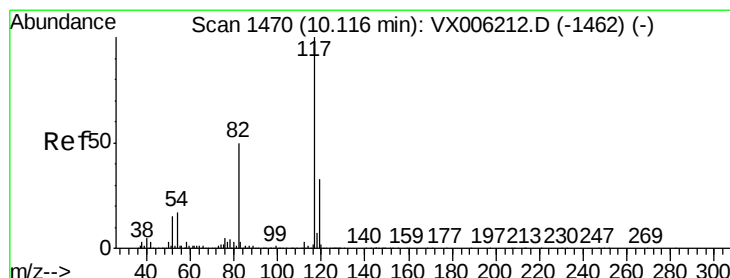
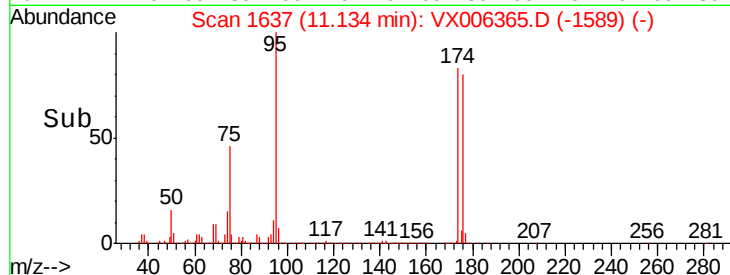
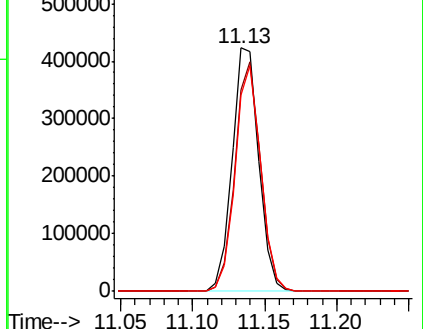
176 88.7 0.0 181.8



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006365.D

Acq: 10 Dec 2018 13:05

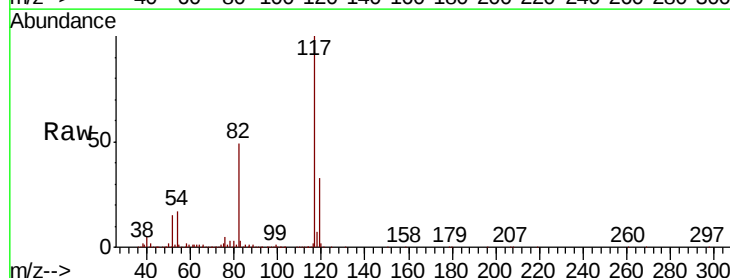
Tgt Ion: 117 Resp: 1162337

Ion Ratio Lower Upper

117 100

82 48.6 39.6 59.4

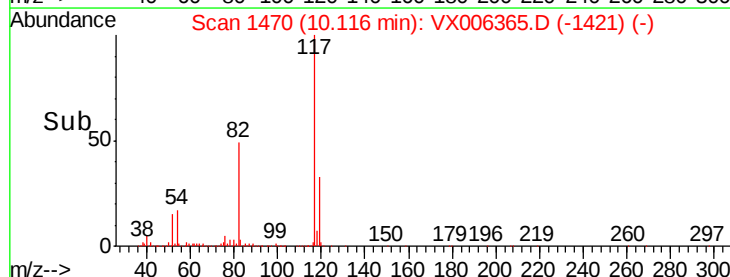
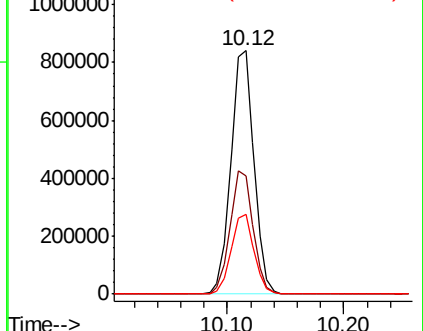
119 32.7 26.3 39.5

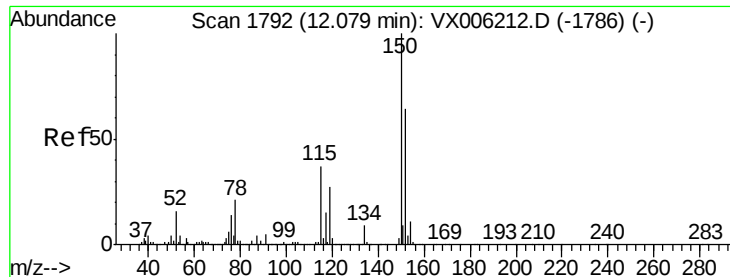


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX006365.D

Acq: 10 Dec 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TB03-20181205

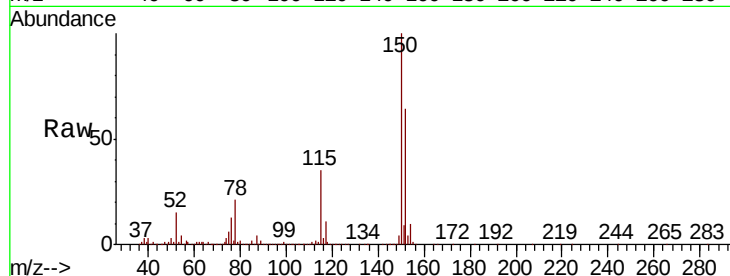
Tot Ion:152 Resp: 568706

Ion Ratio Lower Upper

152 100

115 55.4 39.0 116.9

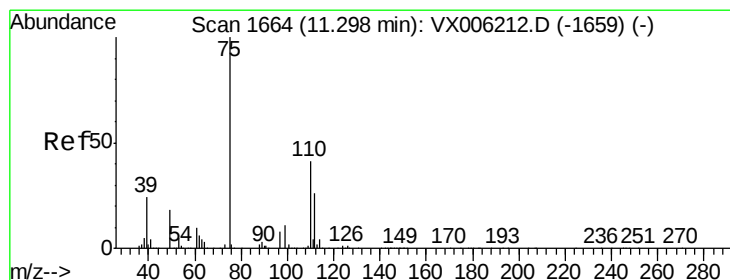
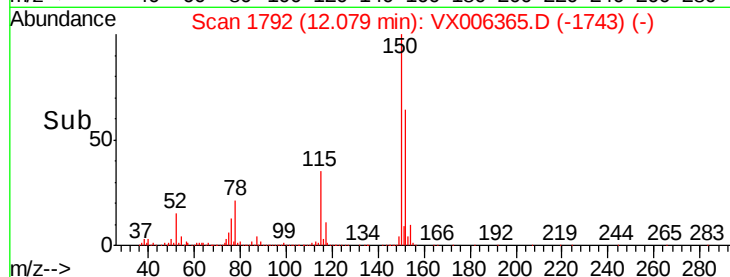
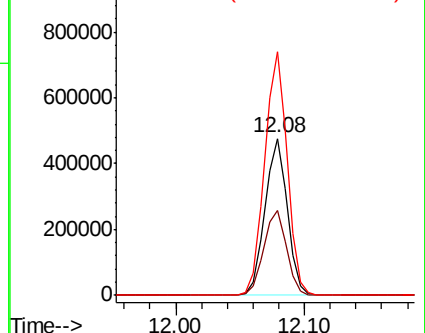
150 156.4 0.0 345.8



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: 22.469 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006365.D

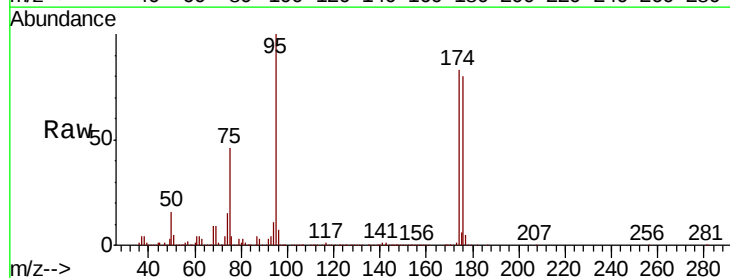
Acq: 10 Dec 2018 13:05

Tgt Ion: 75 Resp: 246641

Ion Ratio Lower Upper

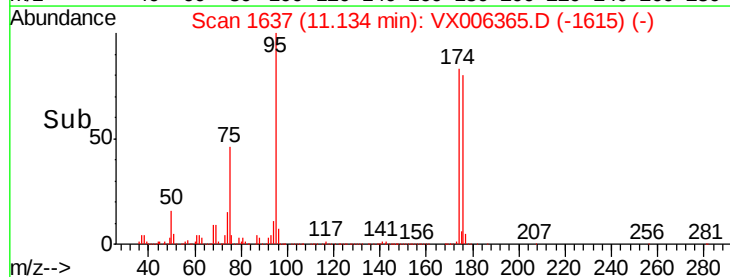
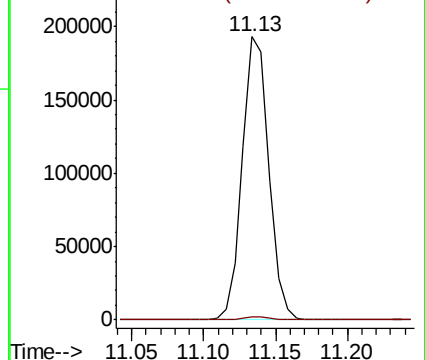
75 100

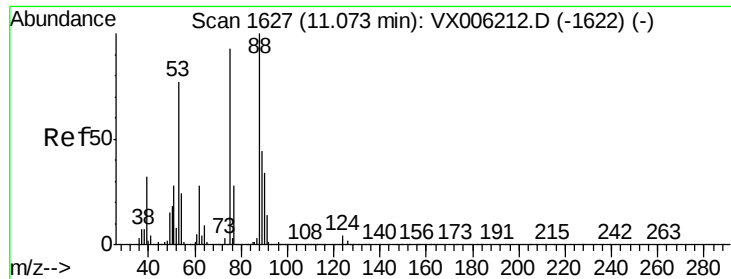
77 1.2 19.9 59.7#



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: 52.729 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006365.D

Acq: 10 Dec 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TB03-20181205

Tot Ion: 75 Resp: 246641

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.0 44.2 66.4#

