

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006380.D
 Acq On : 10 Dec 2018 19:45
 Operator : JC/MD
 Sample : J6288-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309S-20181206

Quant Time: Dec 11 03:59:56 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	720317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1115475	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1021087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	485003	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	366661	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
35) Dibromofluoromethane	5.50	113	346085	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
50) Toluene-d8	8.71	98	1308162	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.13	95	481129	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	

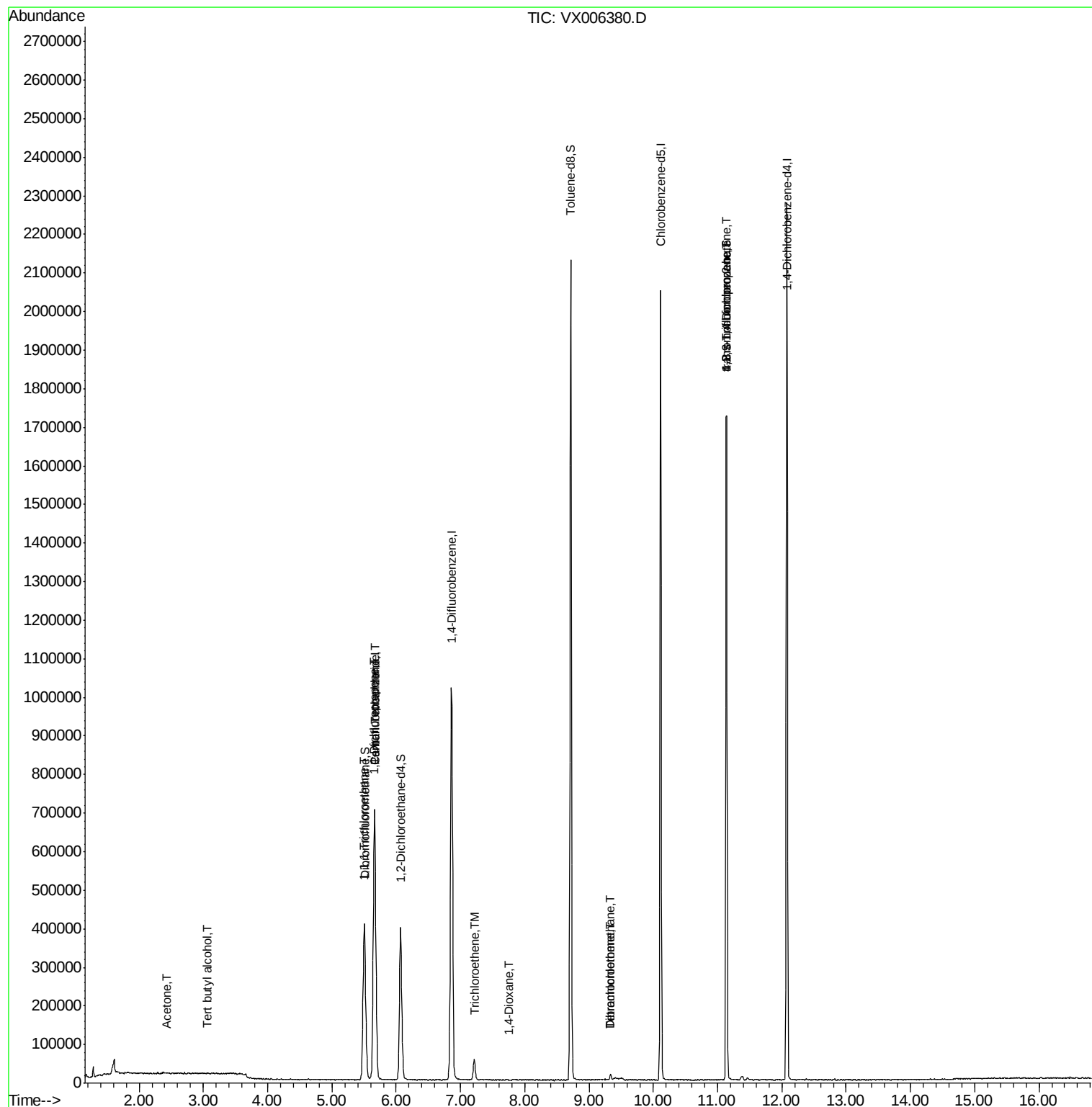
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.06	59	2082	1.035	ug/l #	58
16) Acetone	2.44	43	1567	0.454	ug/l #	85
32) 1,1,1-Trichloroethane	5.49	97	4376	0.381	ug/l #	41
36) 1,1-Dichloropropene	5.65	75	43976	4.682	ug/l #	48
38) Carbon Tetrachloride	5.67	117	67123	6.074	ug/l #	16
44) Trichloroethene	7.21	130	23003	2.699	ug/l	100
49) 1,4-Dioxane	7.76	88	93	0.442	ug/l #	27
60) Dibromochloromethane	9.34	129	2808	0.303	ug/l #	15
64) Tetrachloroethene	9.34	164	2865	0.373	ug/l #	90
76) 1,2,3-Trichloropropane	11.13	75	224576	23.990	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	224576	56.297	ug/l #	15

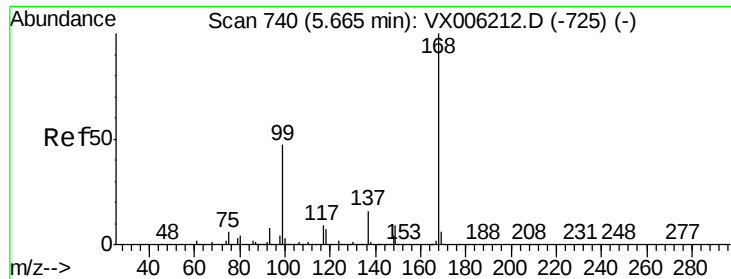
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 11 03:59:56 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: VX006380.D

Acq: 10 Dec 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

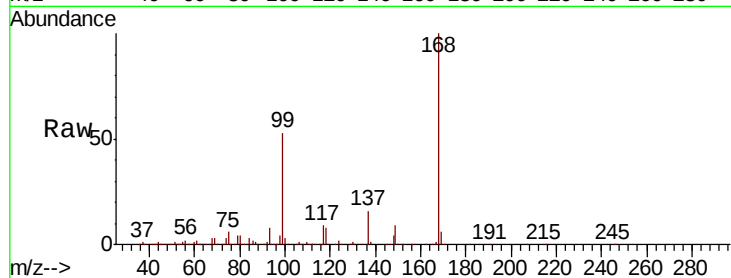
BPS1-TT-MW309S-20181206

Tot Ion:168 Resp: 720317

Ion Ratio Lower Upper

168 100

99 53.1 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006380.D (-691) (-)

Ion 98.90 (98.60 to 99.60): VX006380.D (-691) (-)

5.67

250000

200000

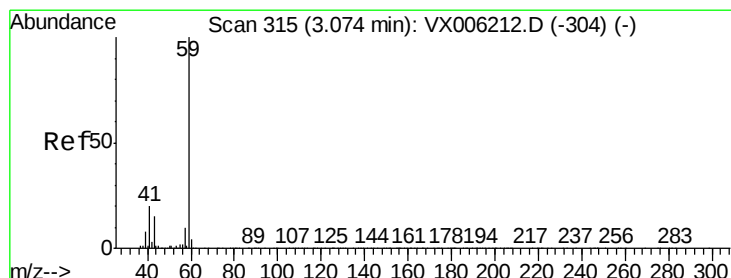
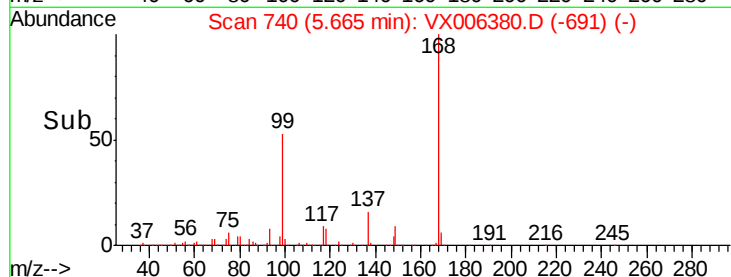
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.035 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX006380.D

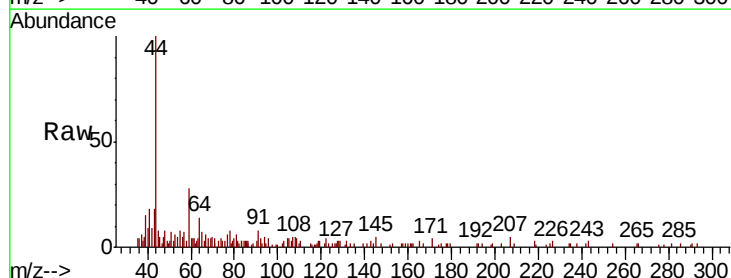
Acq: 10 Dec 2018 19:45

Tgt Ion: 59 Resp: 2082

Ion Ratio Lower Upper

59 100

57 25.9 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX006380.D (-266) (-)

Ion 57.00 (56.70 to 57.70): VX006380.D (-266) (-)

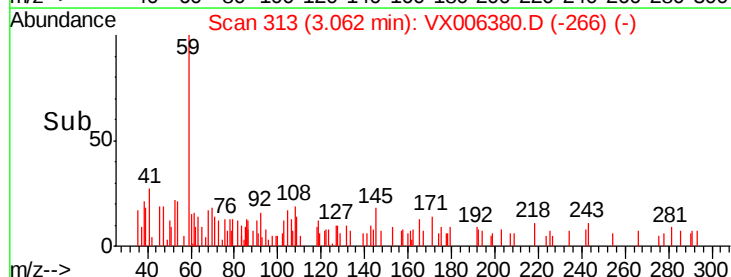
3.06

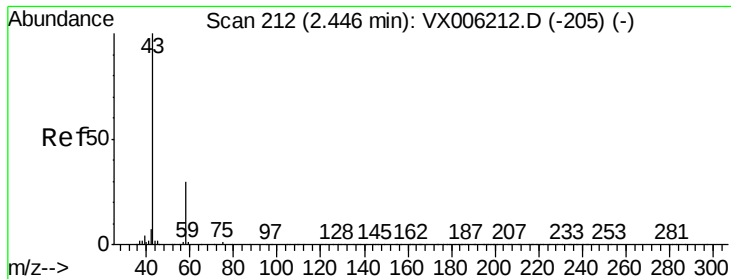
1000

500

0

Time-->

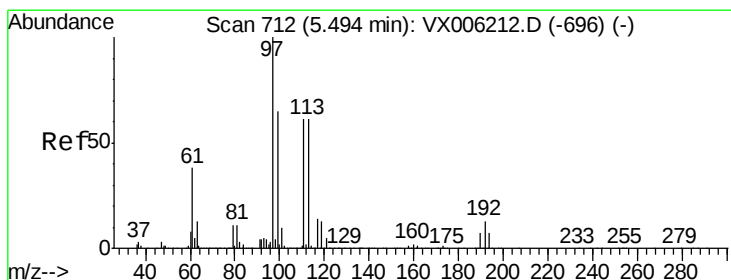
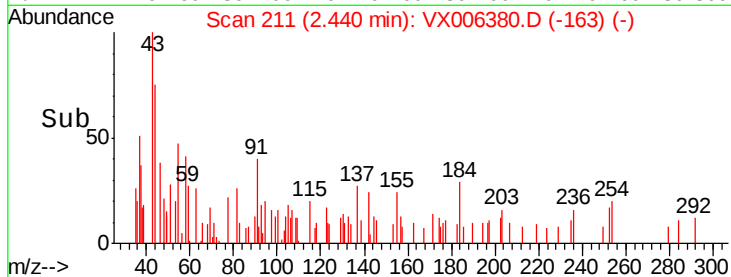
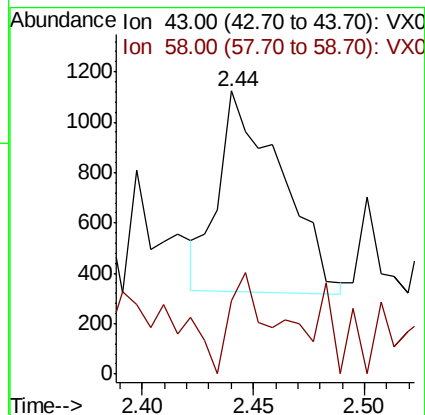
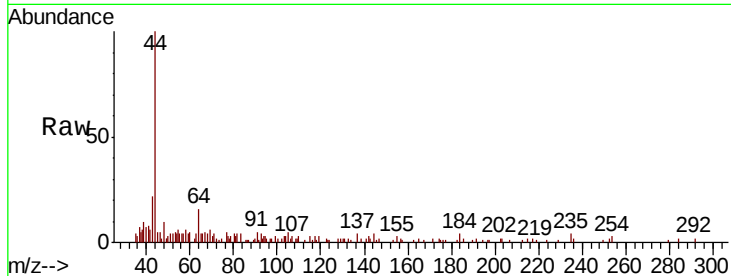




#16
Acetone
Concen: 0.454 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX006380.D
Acq: 10 Dec 2018 19:45

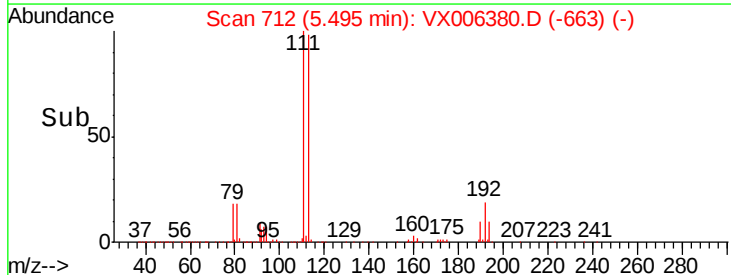
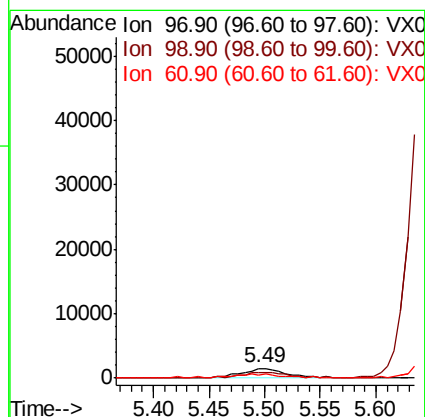
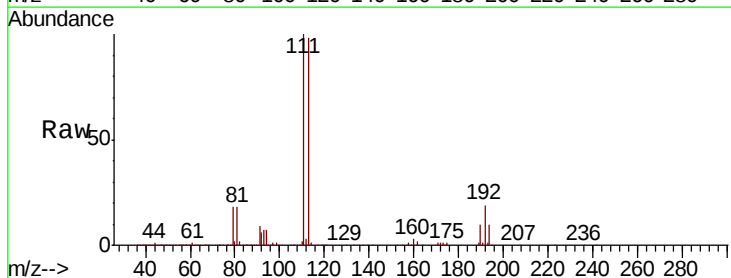
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309S-20181206

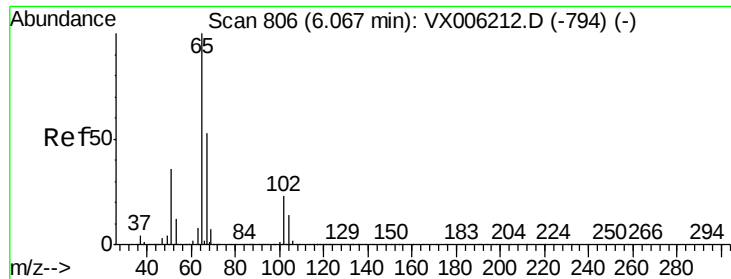
Tot Ion: 43 Resp: 1567
Ion Ratio Lower Upper
43 100
58 38.0 24.0 36.0#



#32
1,1,1-Trichloroethane
Concen: 0.381 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006380.D
Acq: 10 Dec 2018 19:45

Tgt Ion: 97 Resp: 4376
Ion Ratio Lower Upper
97 100
99 0.0 51.6 77.4#
61 50.1 30.6 46.0#

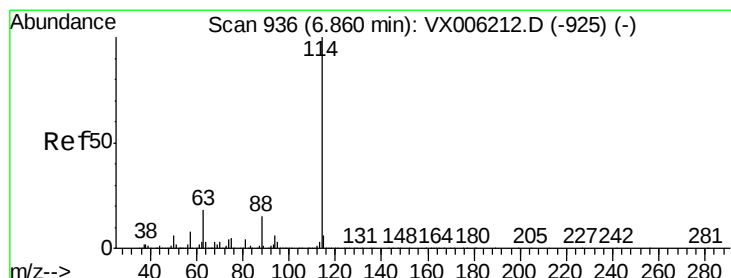
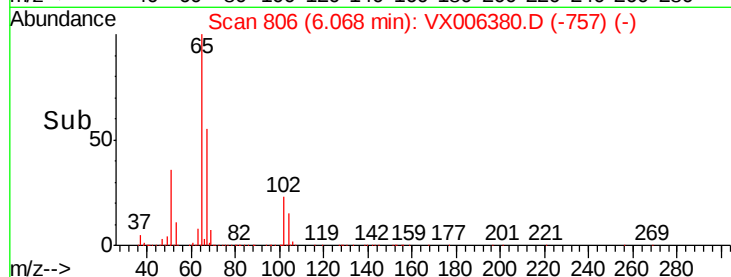
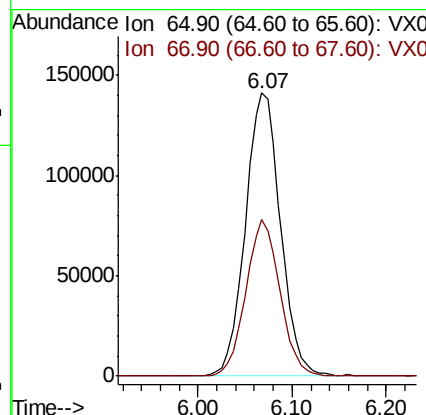
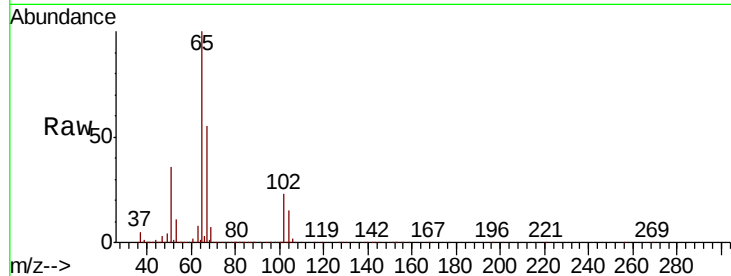




#33
 1,2-Dichloroethane-d4
 Concen: 49.864 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006380.D
 Acq: 10 Dec 2018 19:45

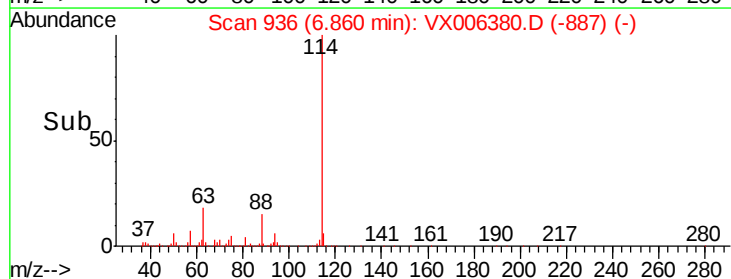
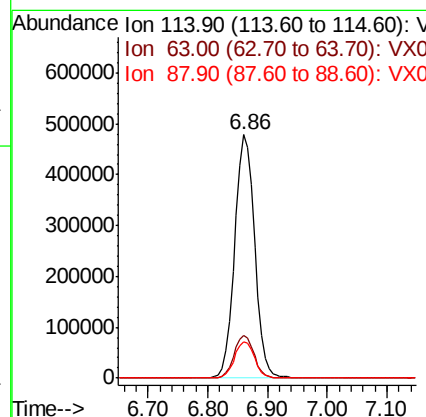
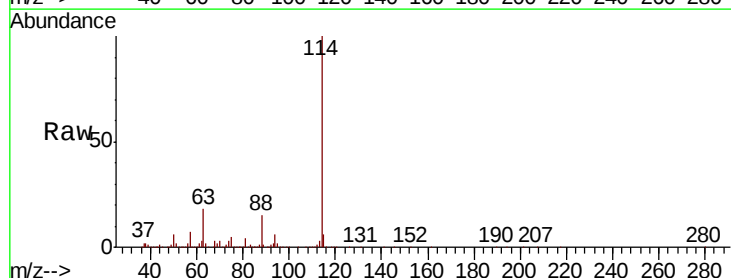
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309S-20181206

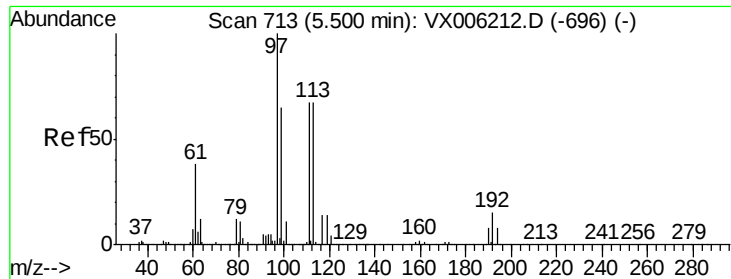
Tot Ion: 65 Resp: 366661
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006380.D
 Acq: 10 Dec 2018 19:45

Tgt Ion: 114 Resp: 1115475
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.6
 88 14.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.919 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006380.D

Acq: 10 Dec 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309S-20181206

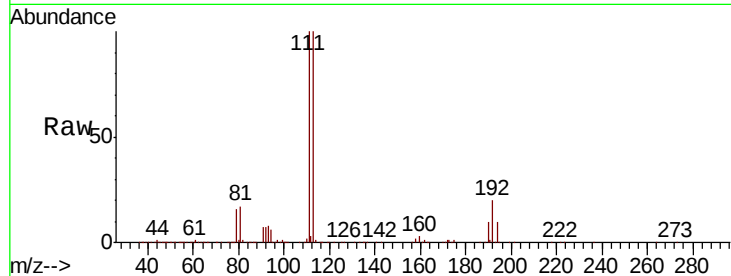
Tot Ion:113 Resp: 346085

Ion Ratio Lower Upper

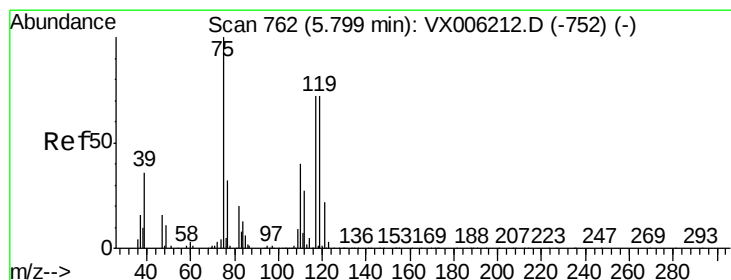
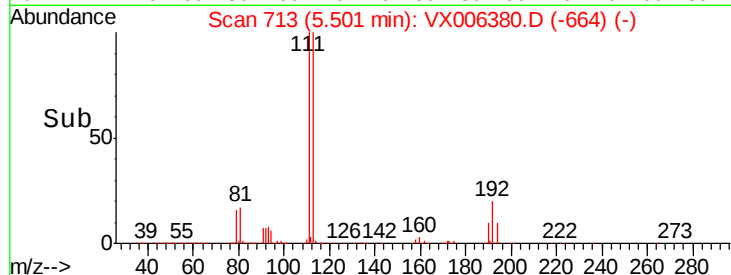
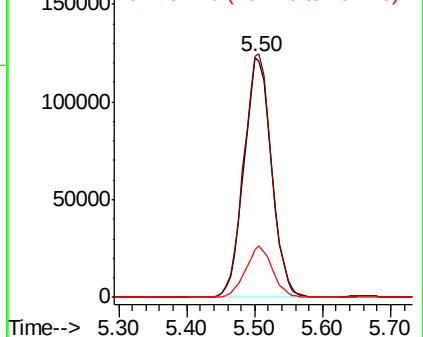
113 100

111 102.0 81.1 121.7

192 20.9 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: 4.682 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX006380.D

Acq: 10 Dec 2018 19:45

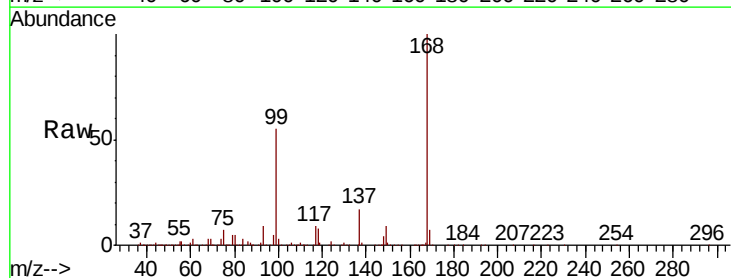
Tgt Ion: 75 Resp: 43976

Ion Ratio Lower Upper

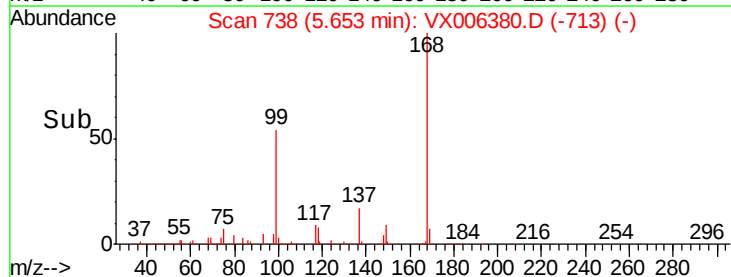
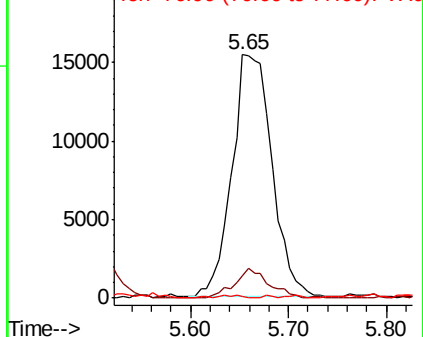
75 100

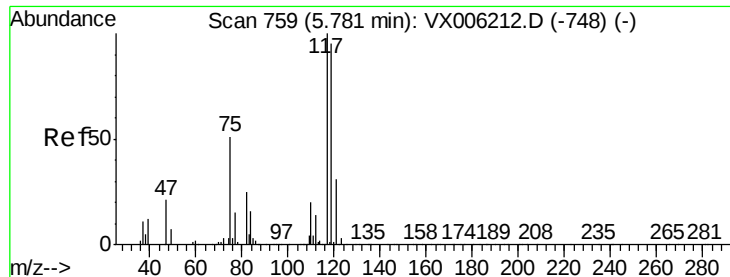
110 10.6 20.4 61.3#

77 0.3 24.9 37.3#



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: 6.074 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006380.D

Acq: 10 Dec 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309S-20181206

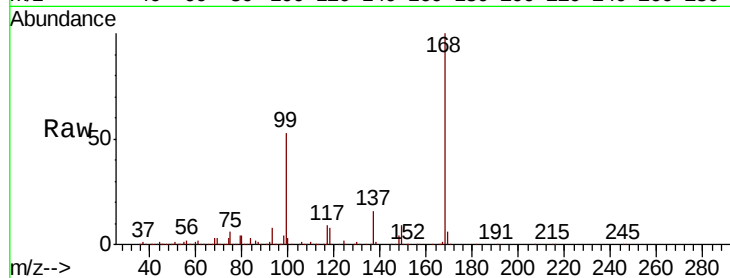
Tot Ion:117 Resp: 67123

Ion Ratio Lower Upper

117 100

119 4.1 75.8 113.8#

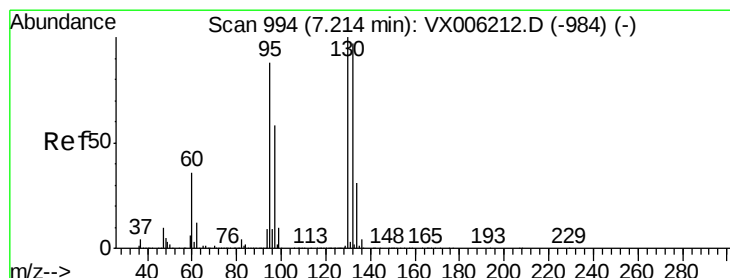
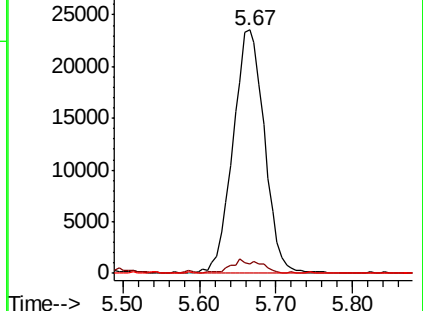
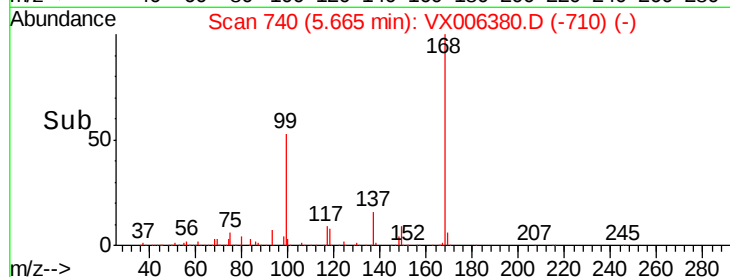
121 0.0 24.6 37.0#



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: 2.699 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006380.D

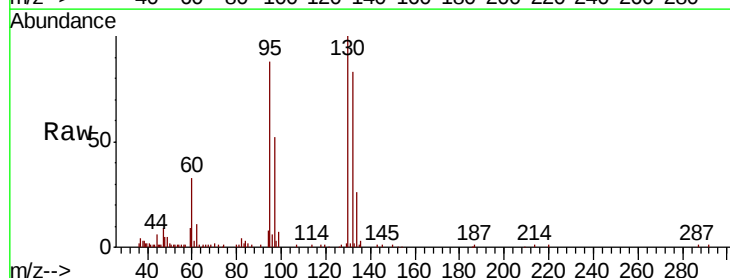
Acq: 10 Dec 2018 19:45

Tgt Ion:130 Resp: 23003

Ion Ratio Lower Upper

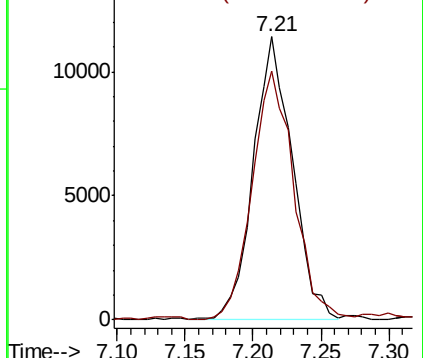
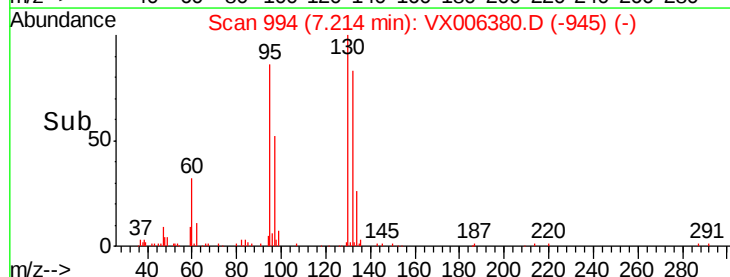
130 100

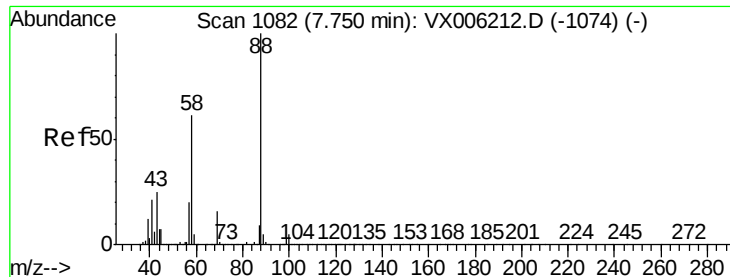
95 88.1 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

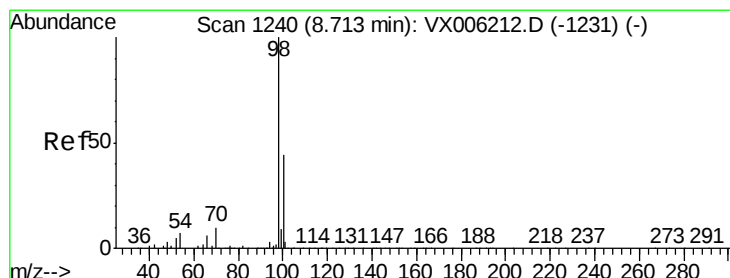
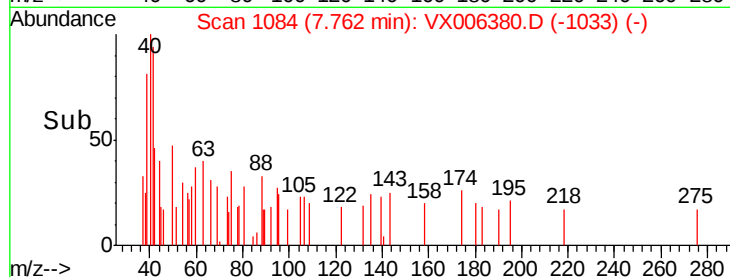
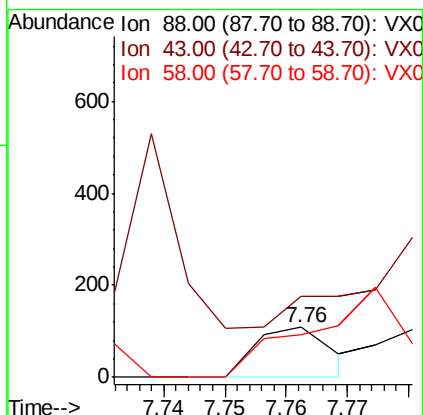
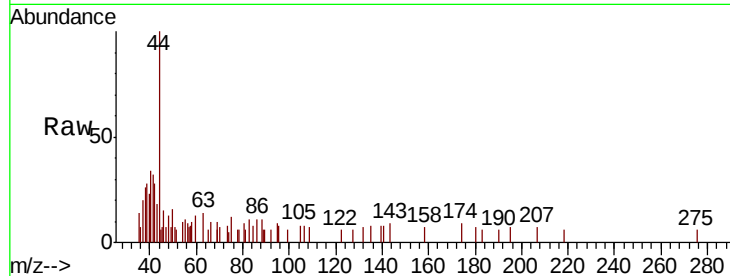




#49
1,4-Dioxane
Concen: 0.442 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX006380.D
Acq: 10 Dec 2018 19:45

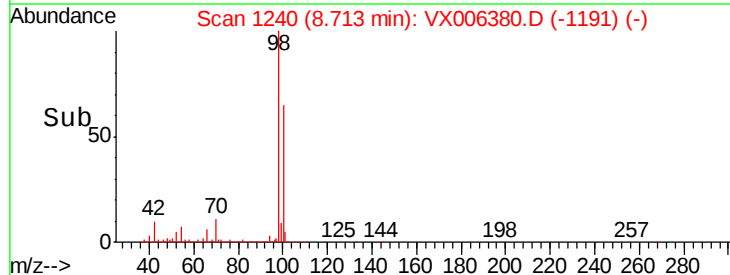
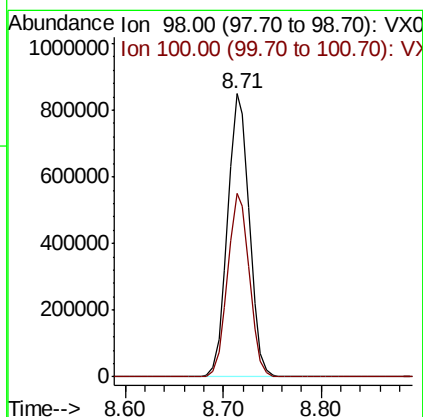
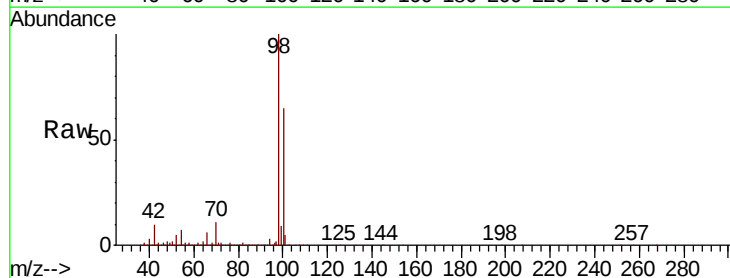
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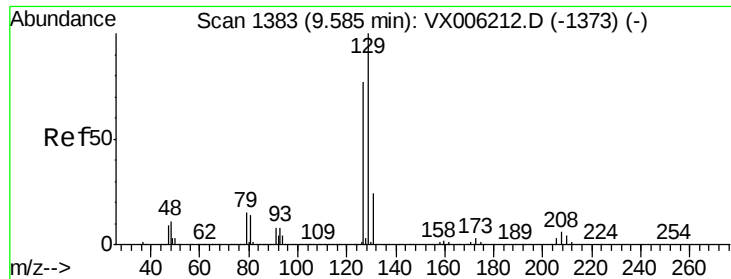
Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.2	34.8#
58	0.0	51.4	77.0#



#50
Toluene-d8
Concen: 49.796 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006380.D
Acq: 10 Dec 2018 19:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2





#60

Dibromochloromethane

Concen: 0.303 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.25 min

Lab File: VX006380.D

Acq: 10 Dec 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

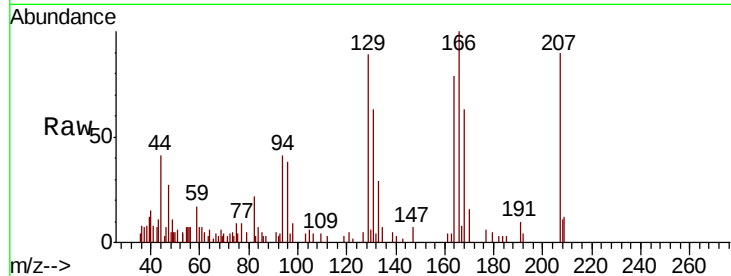
BPS1-TT-MW309S-20181206

Tot Ion:129 Resp: 2808

Ion Ratio Lower Upper

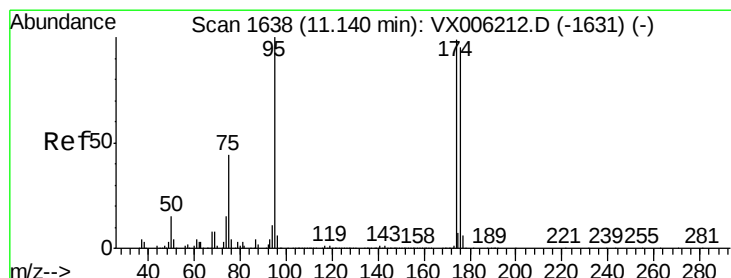
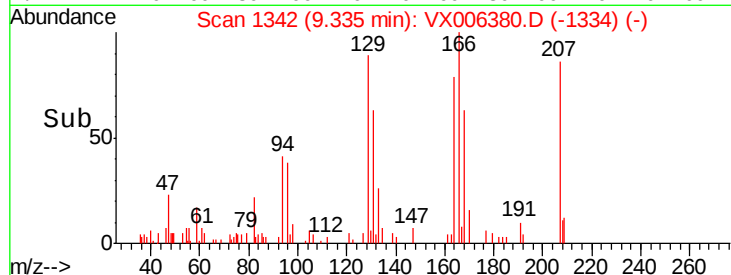
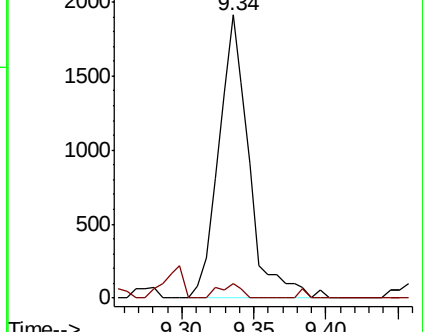
129 100

127 3.7 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 48.602 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006380.D

Acq: 10 Dec 2018 19:45

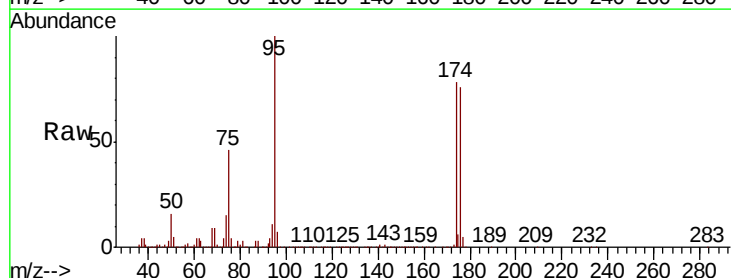
Tgt Ion: 95 Resp: 481129

Ion Ratio Lower Upper

95 100

174 87.9 0.0 187.0

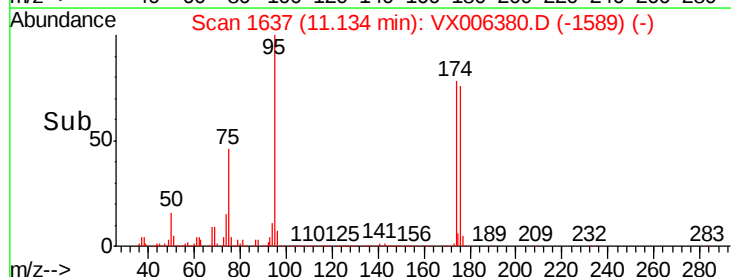
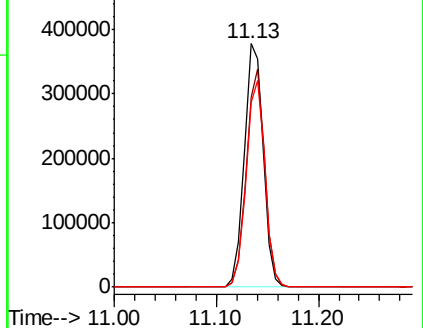
176 85.1 0.0 181.8

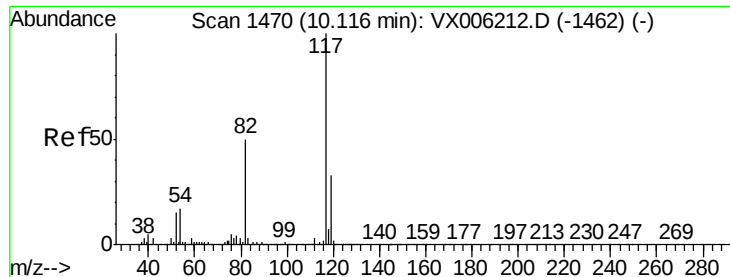


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

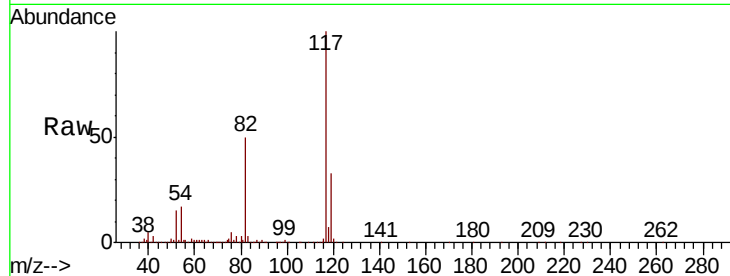




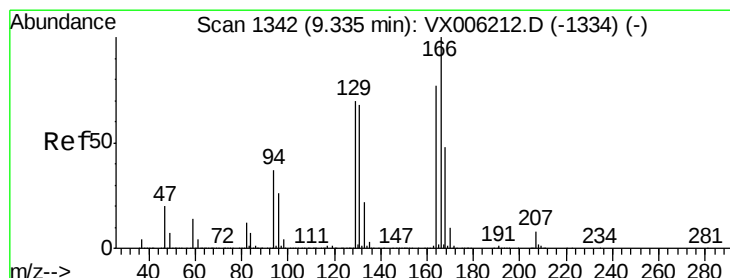
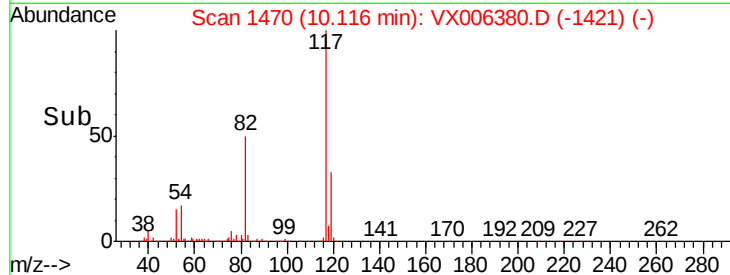
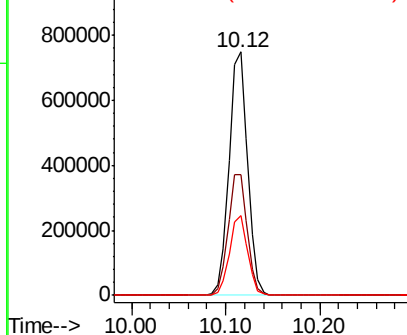
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006380.D
Acq: 10 Dec 2018 19:45

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309S-20181206

Tot Ion:117 Resp: 1021087
Ion Ratio Lower Upper
117 100
82 49.8 39.6 59.4
119 32.7 26.3 39.5

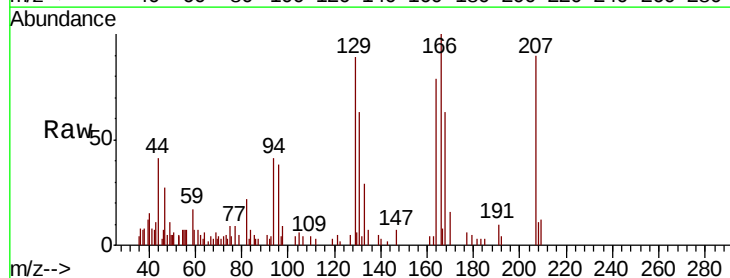


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

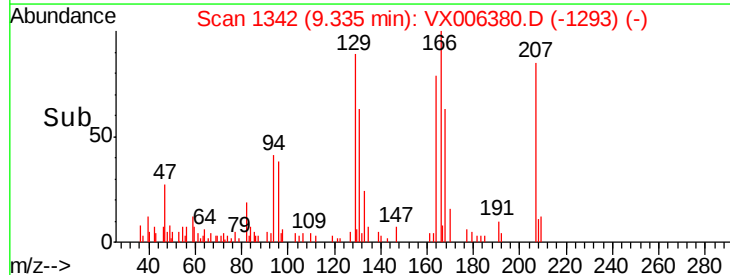
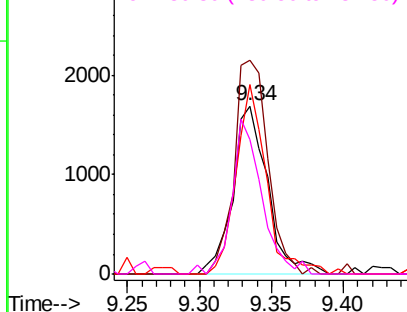


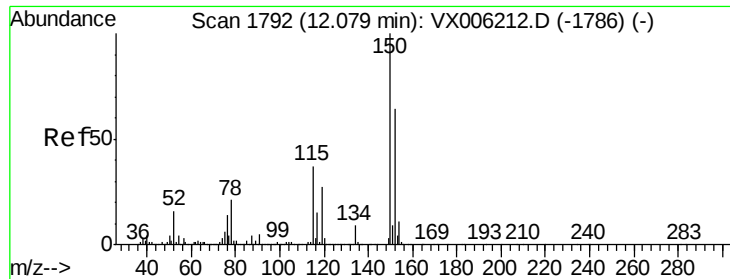
#64
Tetrachloroethene
Concen: 0.373 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006380.D
Acq: 10 Dec 2018 19:45

Tgt Ion:164 Resp: 2865
Ion Ratio Lower Upper
164 100
166 127.3 104.2 156.2
129 113.3 72.6 108.8#
131 80.0 70.3 105.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



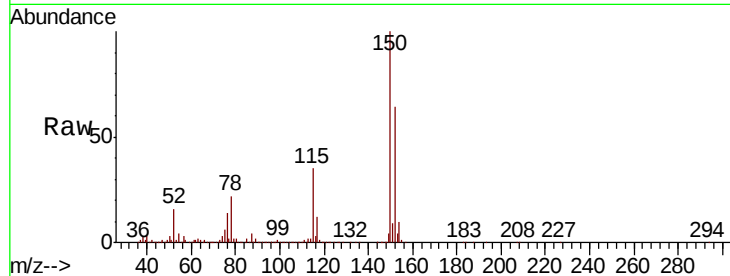


#72

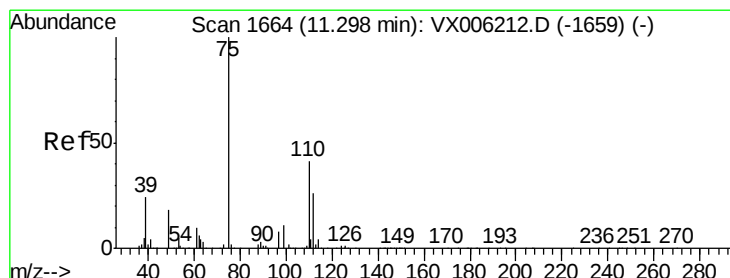
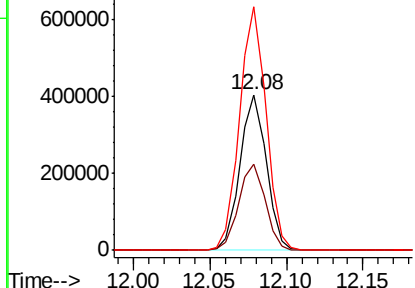
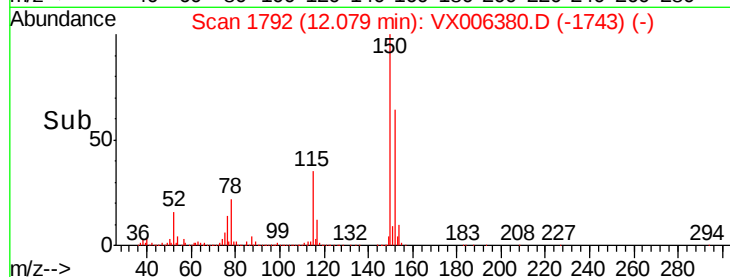
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006380.D
Acq: 10 Dec 2018 19:45

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309S-20181206

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.3	39.0	116.9
150	156.8	0.0	345.8



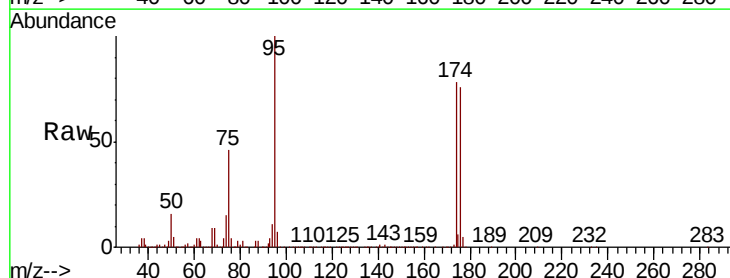
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



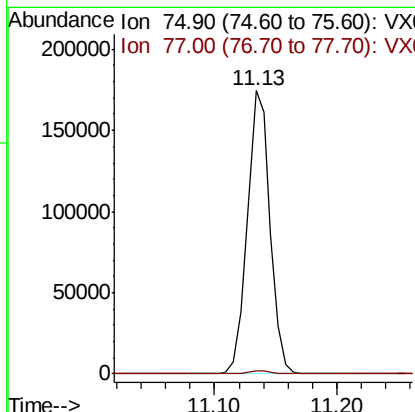
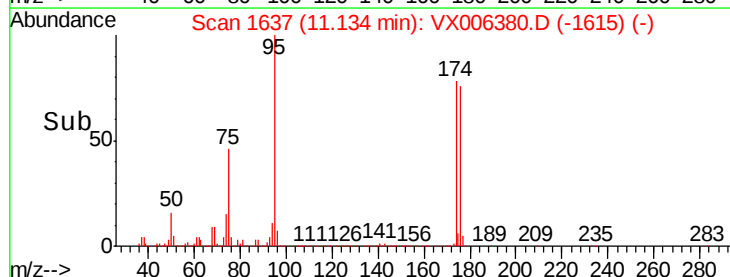
#76

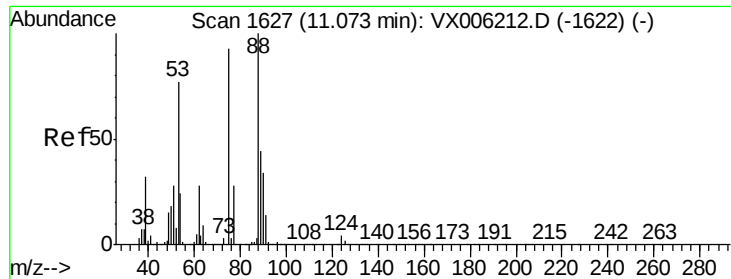
1,2,3-Trichloropropane
Concen: 23.990 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006380.D
Acq: 10 Dec 2018 19:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.1	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: 56.297 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006380.D

Acq: 10 Dec 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309S-20181206

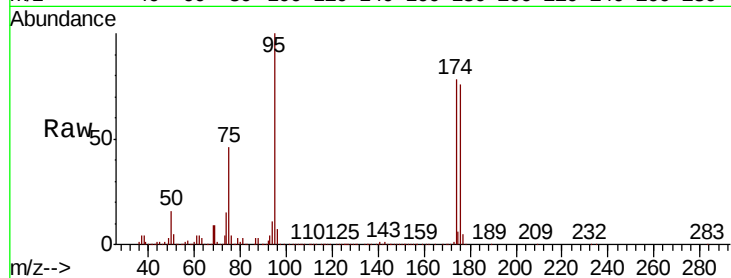
Tot Ion: 75 Resp: 224576

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.1 44.2 66.4#



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

