

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032019\
 Data File : VX008249.D
 Acq On : 20 Mar 2019 18:09
 Operator : JC/SP
 Sample : K1963-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW30311-20190315

Quant Time: Mar 22 05:33:57 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	316119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	521240	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	440430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181080	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	227247	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	
35) Dibromofluoromethane	5.50	113	165884	47.54	ug/l	0.00
Spiked Amount			Recovery	=	95.08%	
50) Toluene-d8	8.71	98	633155	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	
62) 4-Bromofluorobenzene	11.13	95	204883	44.98	ug/l	0.00
Spiked Amount			Recovery	=	89.96%	

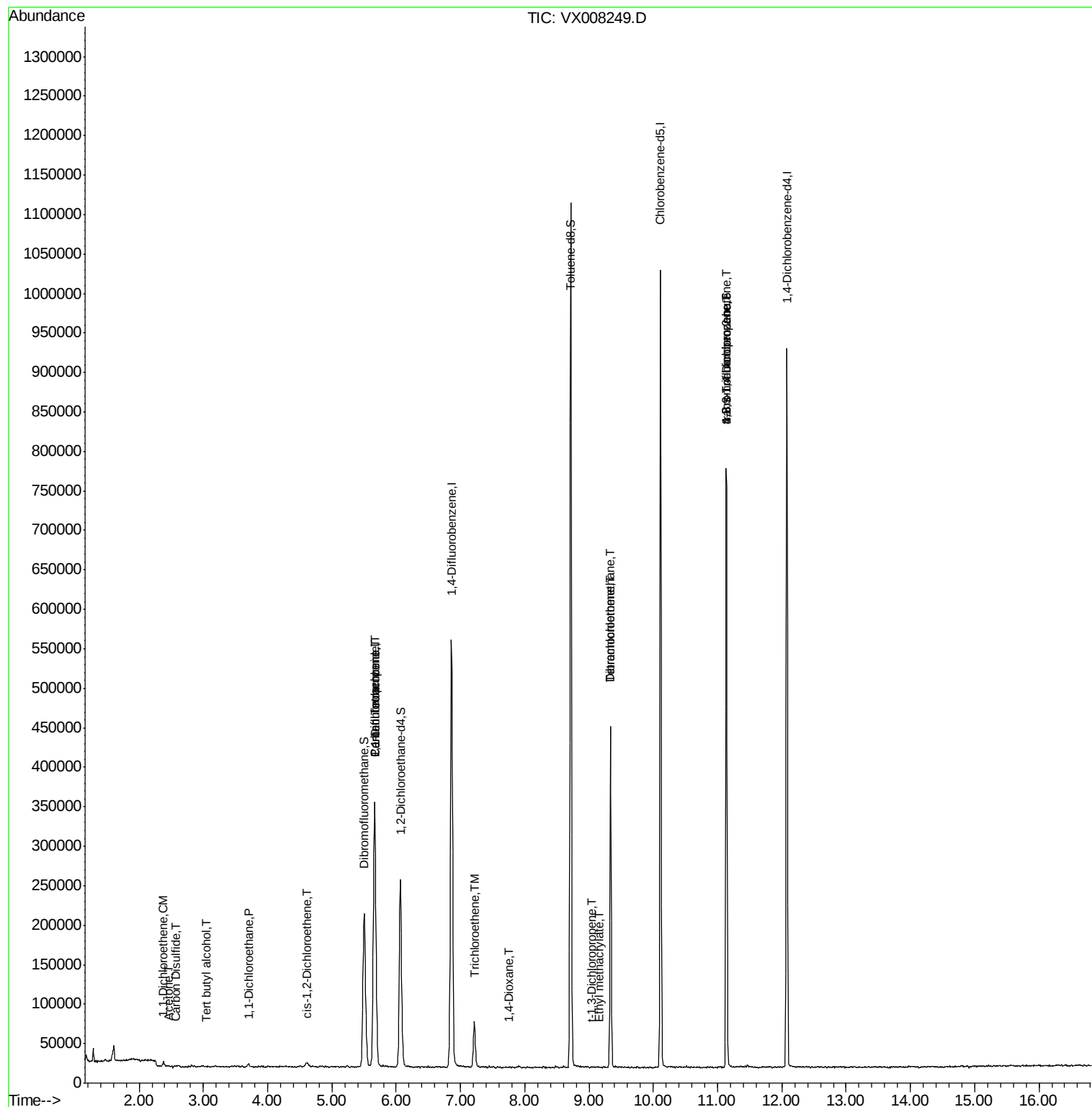
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.04	59	309	0.303	ug/l #	1
12) 1,1-Dichloroethene	2.38	96	2161	0.563	ug/l	93
13) Acrolein	2.29	56	109	Below Cal	#	33
16) Acetone	2.45	43	1157	0.428	ug/l #	78
17) Carbon Disulfide	2.58	76	918	0.748	ug/l #	45
24) 1,1-Dichloroethane	3.71	63	4584	0.545	ug/l #	83
27) cis-1,2-Dichloroethene	4.60	96	3155	0.668	ug/l	97
36) 1,1-Dichloropropene	5.66	75	25889	4.266	ug/l #	49
38) Carbon Tetrachloride	5.67	117	31435	5.814	ug/l #	16
44) Trichloroethene	7.21	130	22809	5.193	ug/l	95
49) 1,4-Dioxane	7.75	88	601	5.570	ug/l #	46
53) t-1,3-Dichloropropene	9.05	75	237	1.454	ug/l #	43
56) Ethyl methacrylate	9.16	69	326	0.568	ug/l #	73
60) Dibromochloromethane	9.34	129	75542	18.257	ug/l #	11
64) Tetrachloroethene	9.34	164	79874	20.102	ug/l	96
76) 1,2,3-Trichloropropane	11.13	75	105067	20.629	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	105067	52.516	ug/l #	12

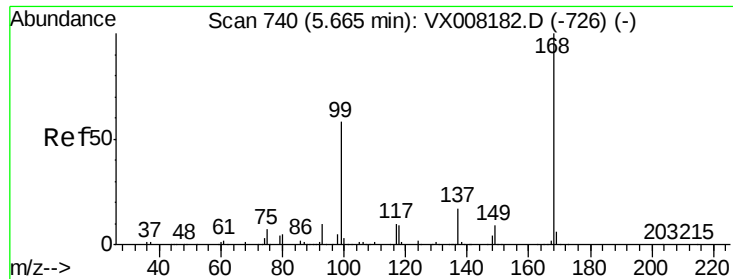
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032019\
Data File : VX008249.D
Acq On : 20 Mar 2019 18:09
Operator : JC/SP
Sample : K1963-09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303I1-20190315

Quant Time: Mar 22 05:33:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 13:15:13 2019
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: VX008249.D

Acq: 20 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

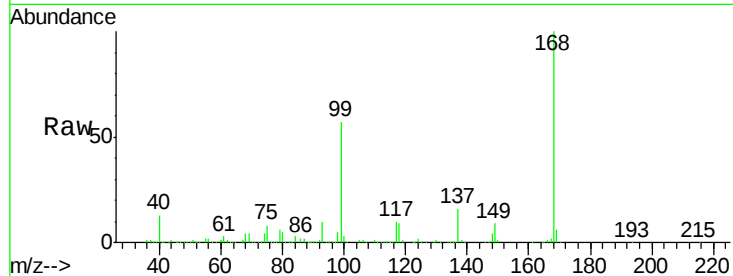
BPS1-TT-MW30311-20190315

Tot Ion:168 Resp: 316119

Ion Ratio Lower Upper

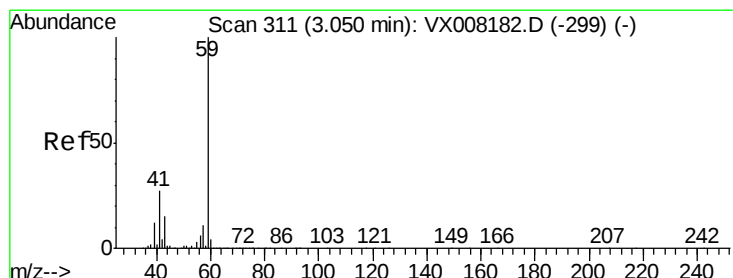
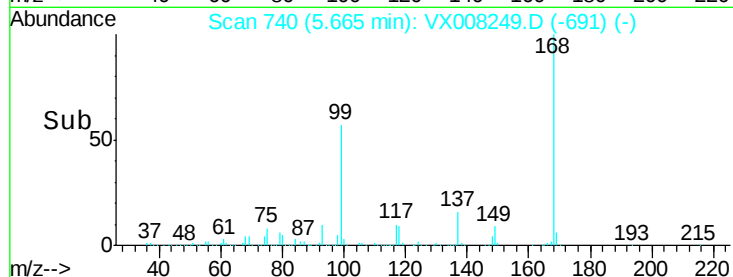
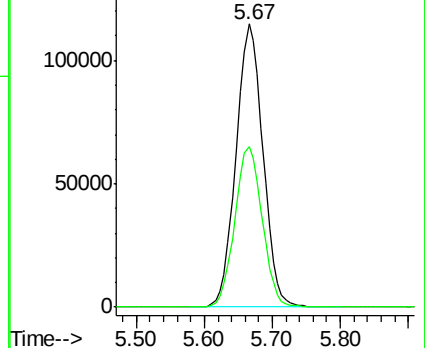
168 100

99 56.5 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 0.303 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX008249.D

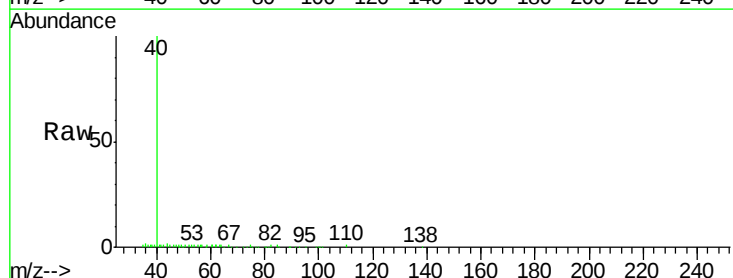
Acq: 20 Mar 2019 18:09

Tgt Ion: 59 Resp: 309

Ion Ratio Lower Upper

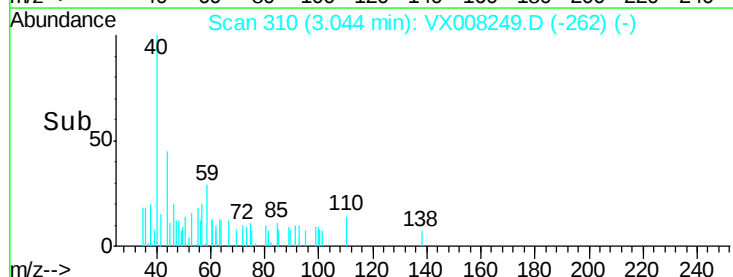
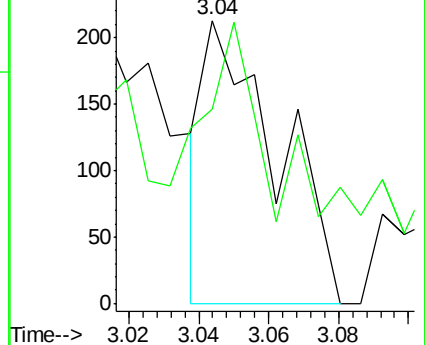
59 100

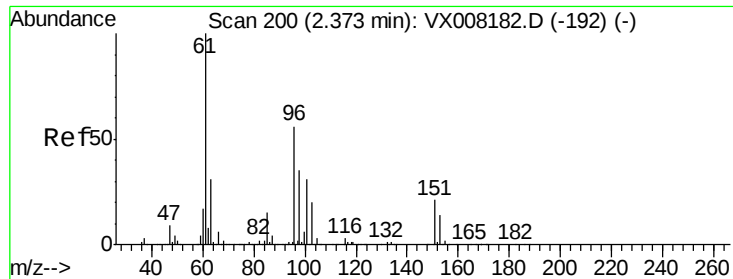
57 52.4 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

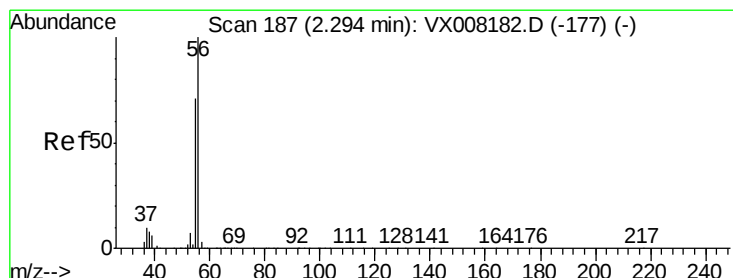
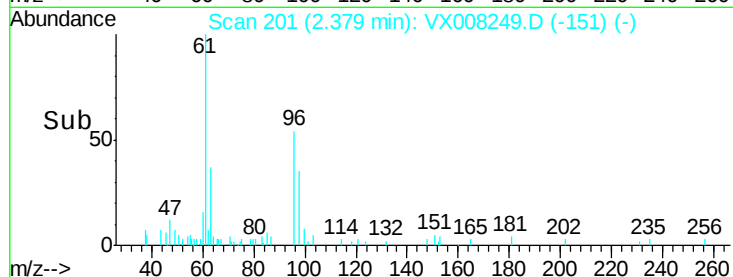
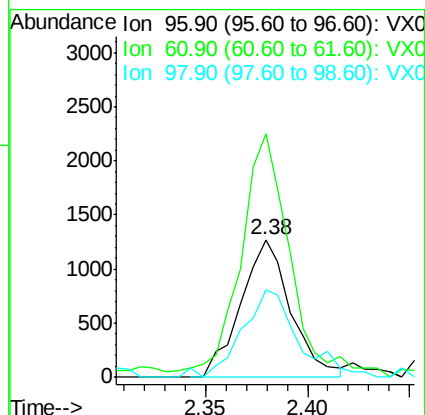
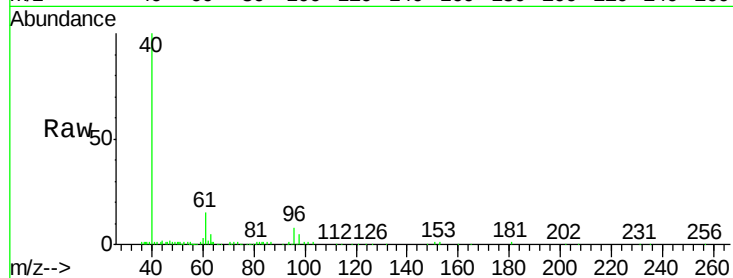




#12
 1,1-Dichloroethene
 Concen: 0.563 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX008249.D
 Acq: 20 Mar 2019 18:09

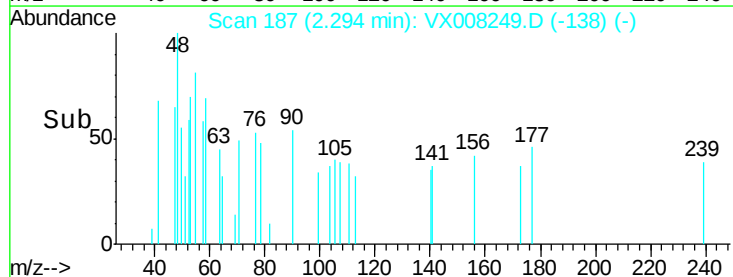
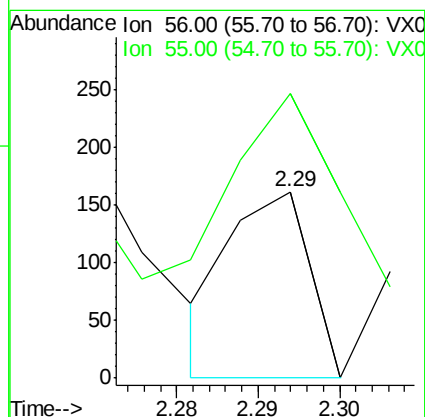
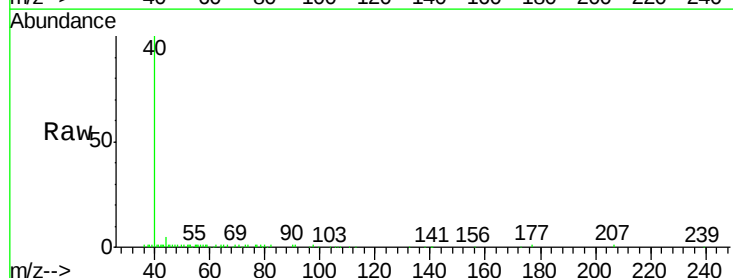
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW30311-20190315

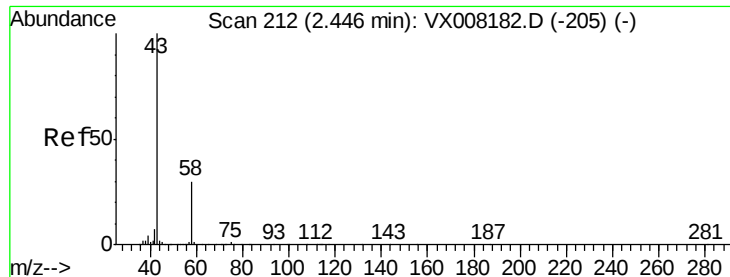
Tot Ion: 96 Resp: 2161
 Ion Ratio Lower Upper
 96 100
 61 169.7 129.8 194.6
 98 56.6 51.0 76.6



#13
 Acrolein
 Concen: Below Cal
 RT: 2.29 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VX008249.D
 Acq: 20 Mar 2019 18:09

Tgt Ion: 56 Resp: 109
 Ion Ratio Lower Upper
 56 100
 55 128.4 57.8 86.6#





#16

Acetone

Concen: 0.428 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008249.D

Acq: 20 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

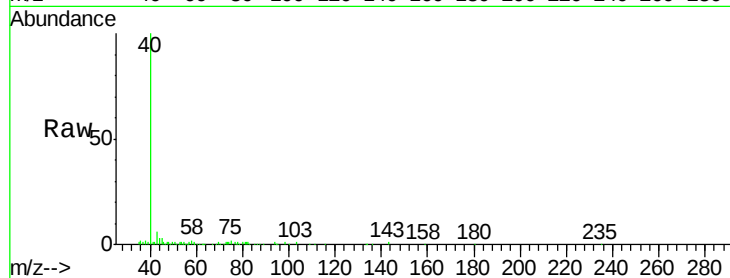
BPS1-TT-MW30311-20190315

Tot Ion: 43 Resp: 1157

Ion Ratio Lower Upper

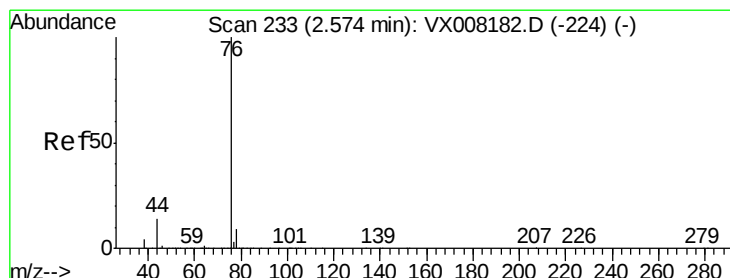
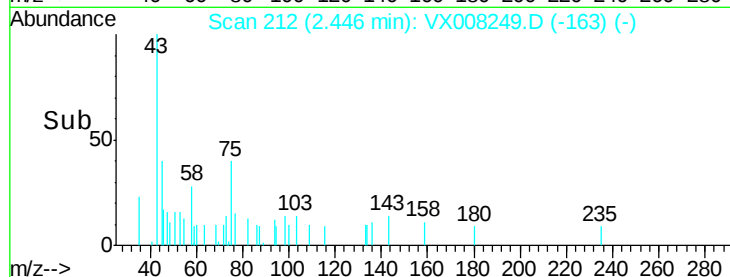
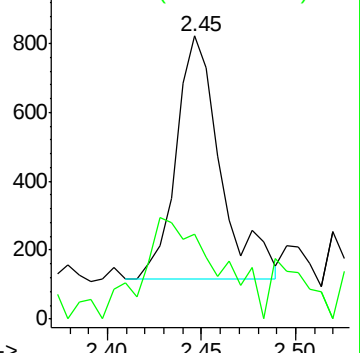
43 100

58 19.8 25.5 38.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.748 ug/l

RT: 2.58 min Scan# 234

Delta R.T. 0.01 min

Lab File: VX008249.D

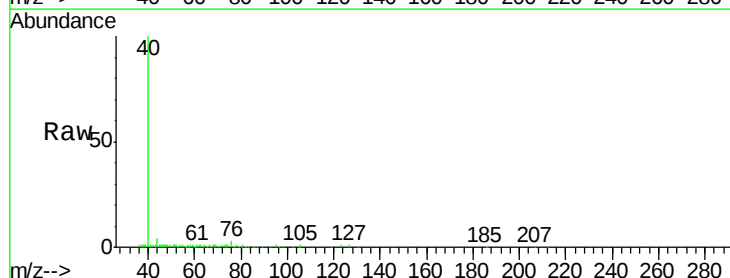
Acq: 20 Mar 2019 18:09

Tgt Ion: 76 Resp: 918

Ion Ratio Lower Upper

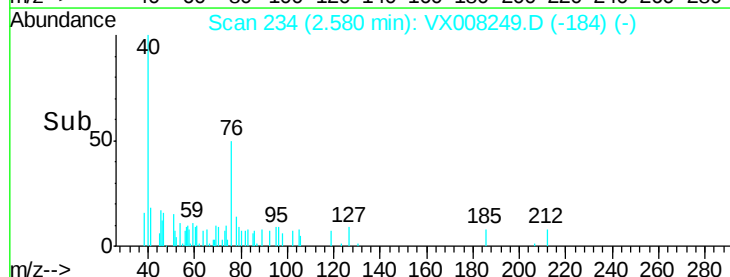
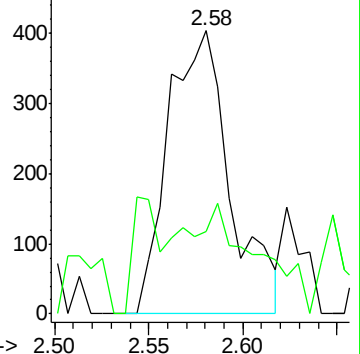
76 100

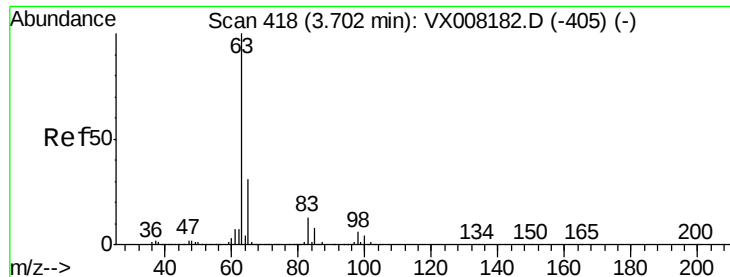
78 29.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#24

1,1-Dichloroethane

Concen: 0.545 ug/l

RT: 3.71 min Scan# 419

Delta R.T. 0.01 min

Lab File: VX008249.D

Acq: 20 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I1-20190315

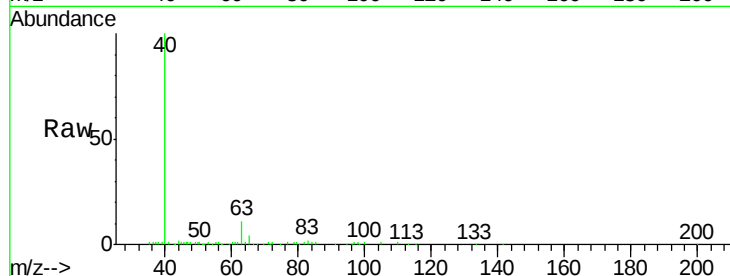
Tot Ion: 63 Resp: 4584

Ion Ratio Lower Upper

63 100

98 14.9 3.3 9.8#

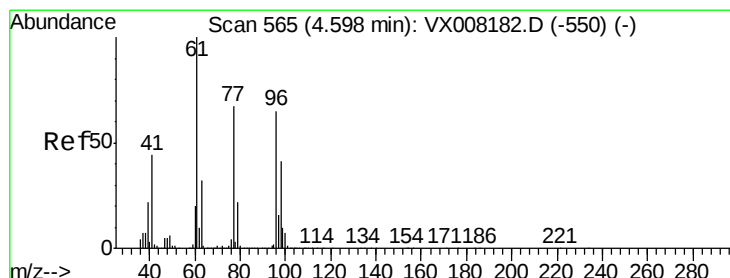
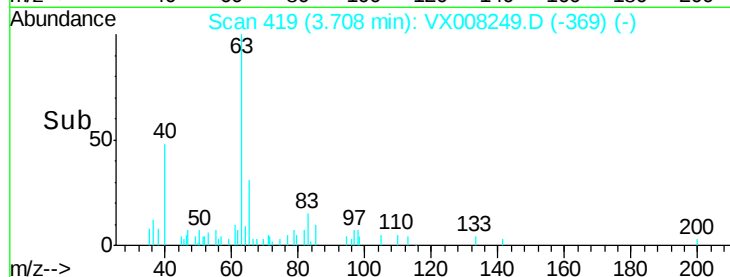
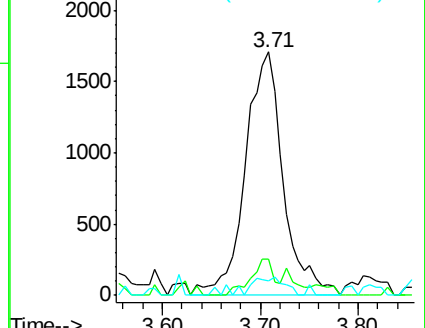
100 6.1 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 0.668 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX008249.D

Acq: 20 Mar 2019 18:09

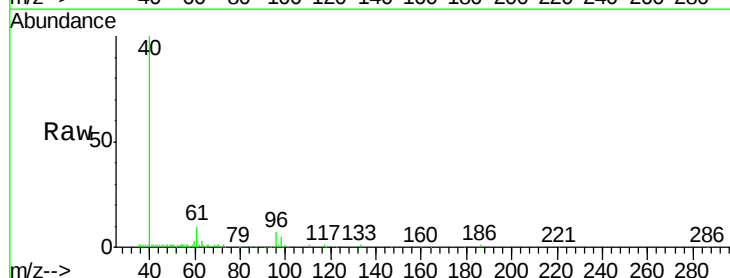
Tgt Ion: 96 Resp: 3155

Ion Ratio Lower Upper

96 100

61 140.6 0.0 288.0

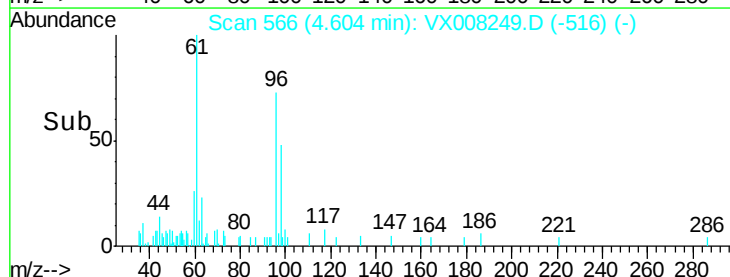
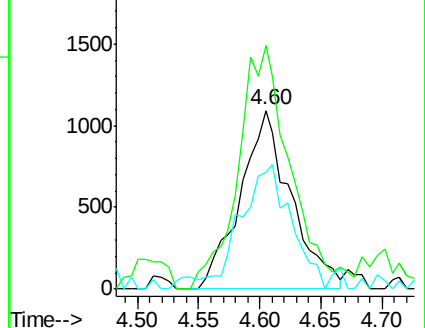
98 68.0 0.0 129.0

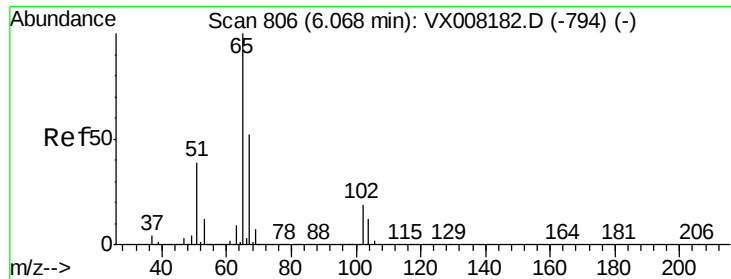


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.731 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008249.D

Acq: 20 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

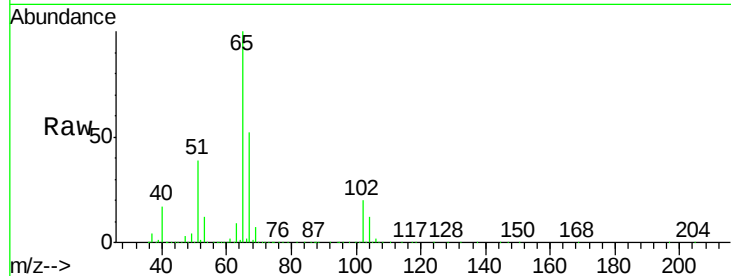
BPS1-TT-MW30311-20190315

Tot Ion: 65 Resp: 227247

Ion Ratio Lower Upper

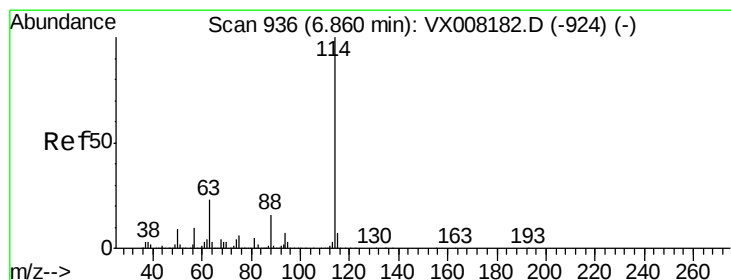
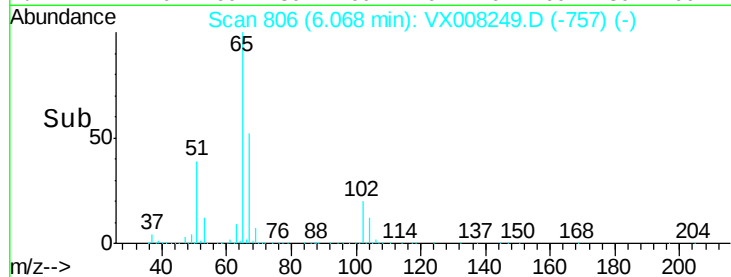
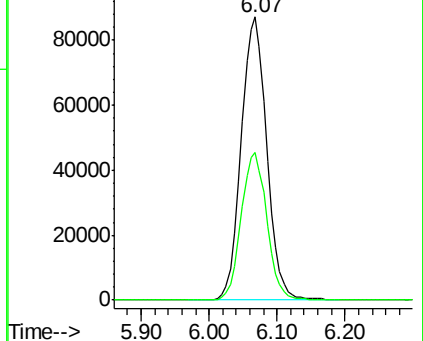
65 100

67 52.3 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008249.D

Acq: 20 Mar 2019 18:09

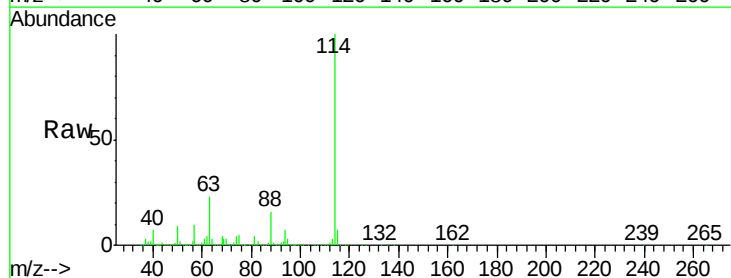
Tgt Ion: 114 Resp: 521240

Ion Ratio Lower Upper

114 100

63 22.5 0.0 39.8

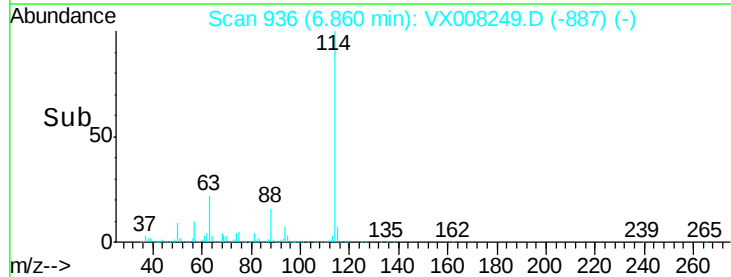
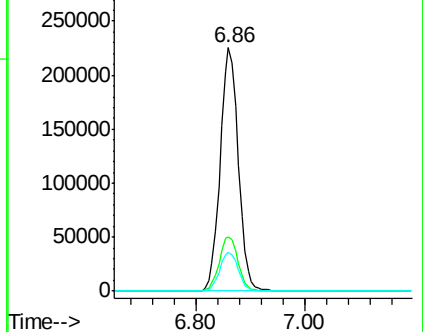
88 16.0 0.0 31.4

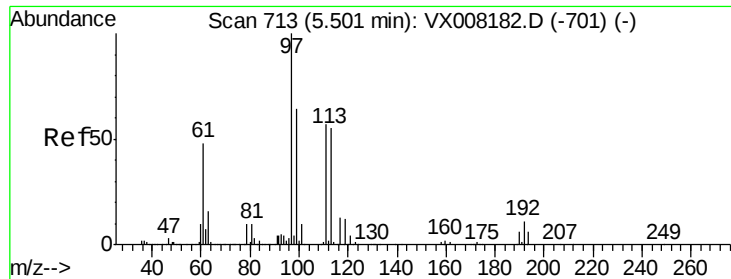


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

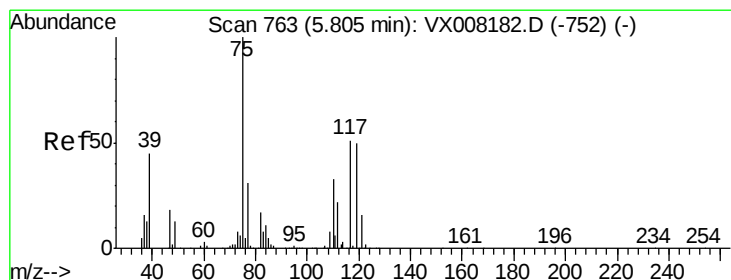
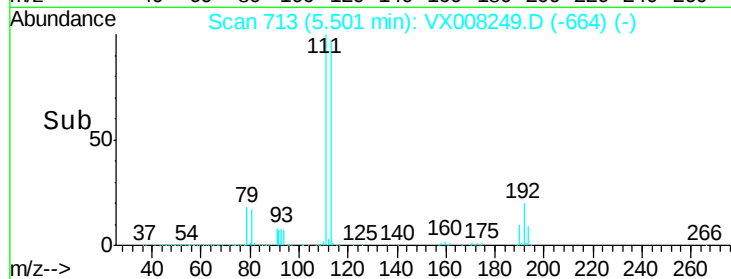
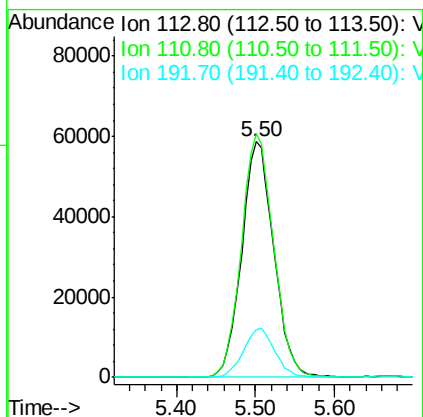
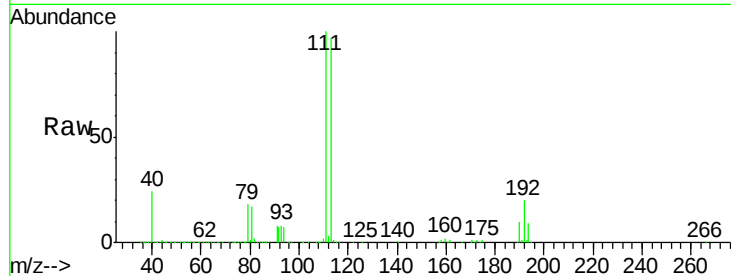




#35
 Dibromofluoromethane
 Concen: 47.540 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008249.D
 Acq: 20 Mar 2019 18:09

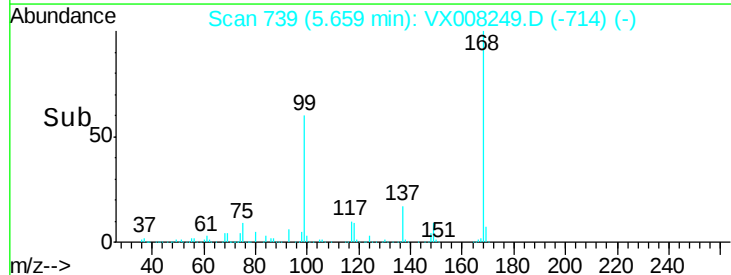
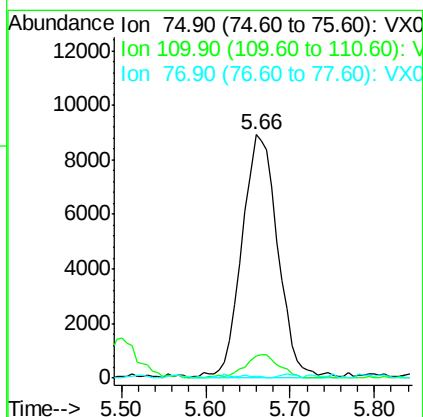
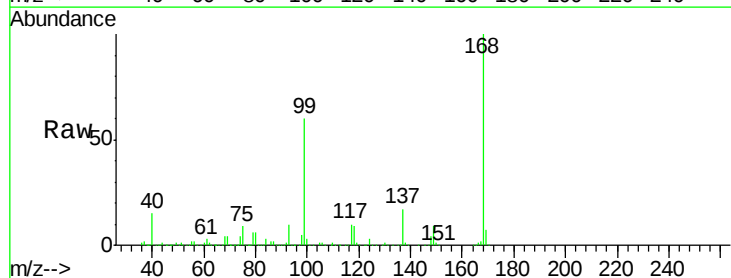
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW30311-20190315

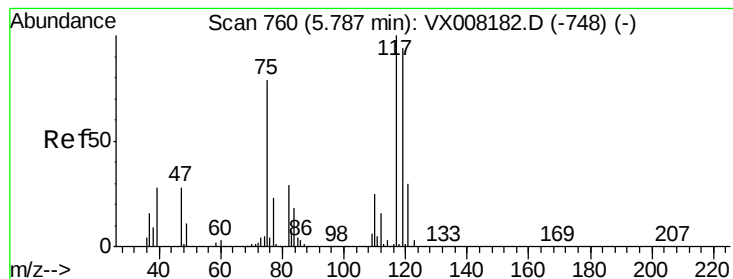
Tot Ion:113 Resp: 165884
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.4 122.0
 192 20.5 19.4 29.0



#36
 1,1-Dichloropropene
 Concen: 4.266 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.15 min
 Lab File: VX008249.D
 Acq: 20 Mar 2019 18:09

Tgt Ion: 75 Resp: 25889
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.4 55.0#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.814 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX008249.D

Acq: 20 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW30311-20190315

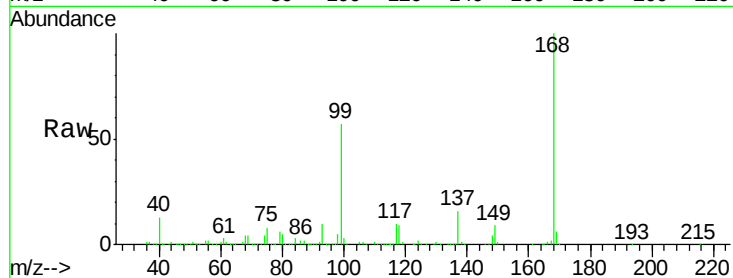
Tot Ion:117 Resp: 31435

Ion Ratio Lower Upper

117 100

119 5.3 76.2 114.2#

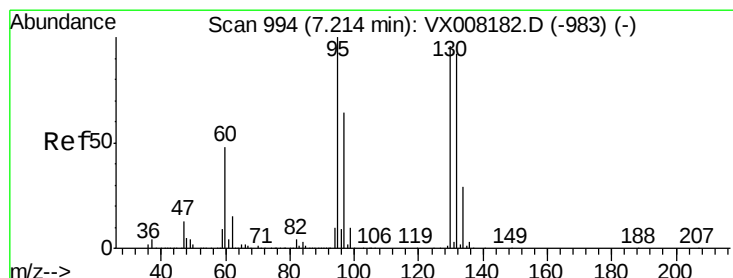
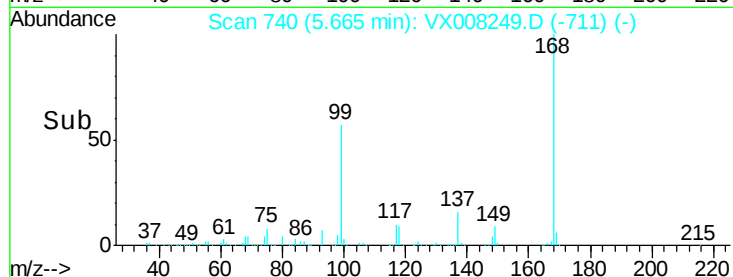
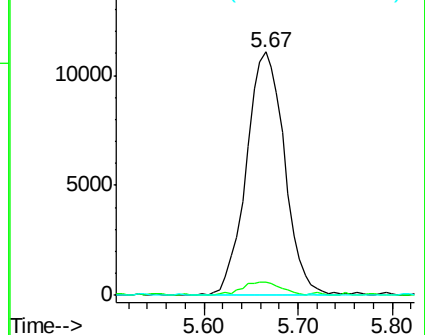
121 0.0 24.6 36.8#



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



#44

Trichloroethene

Concen: 5.193 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008249.D

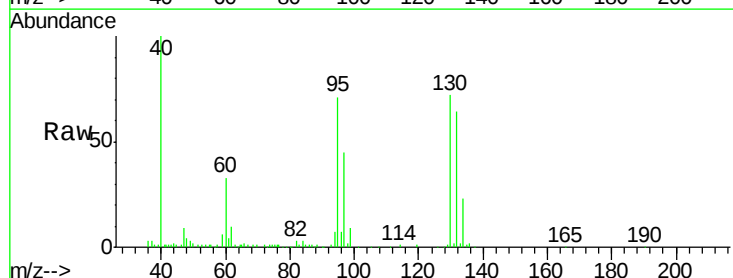
Acq: 20 Mar 2019 18:09

Tgt Ion:130 Resp: 22809

Ion Ratio Lower Upper

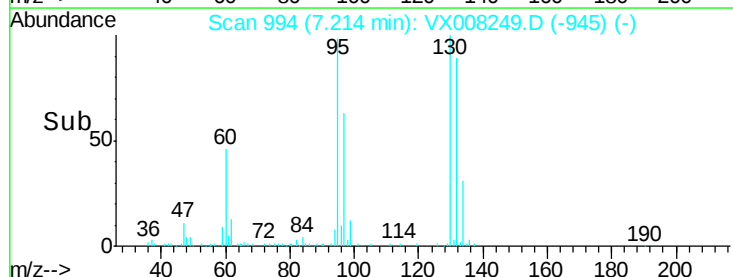
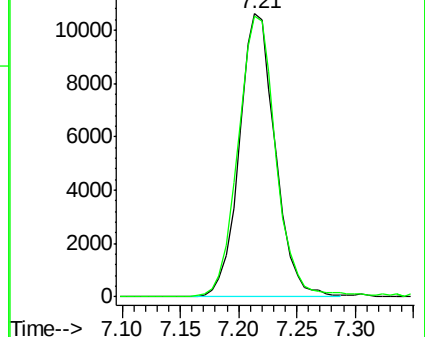
130 100

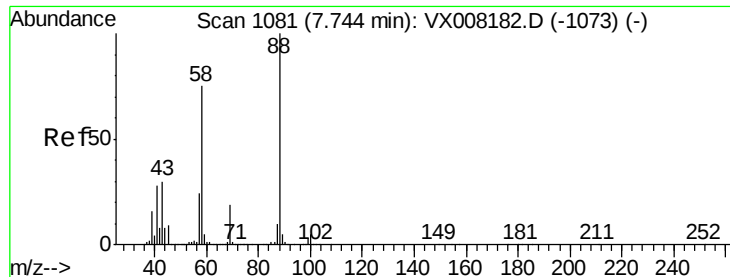
95 99.3 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

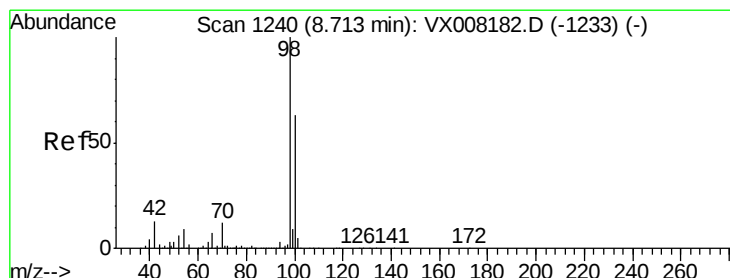
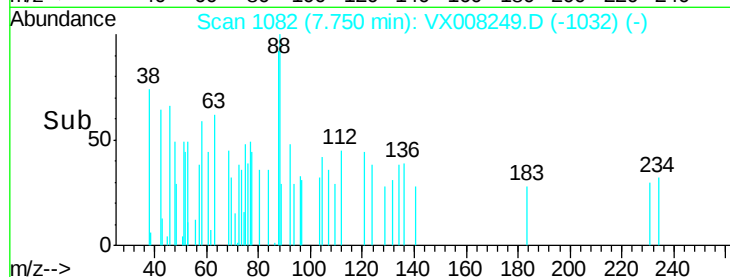
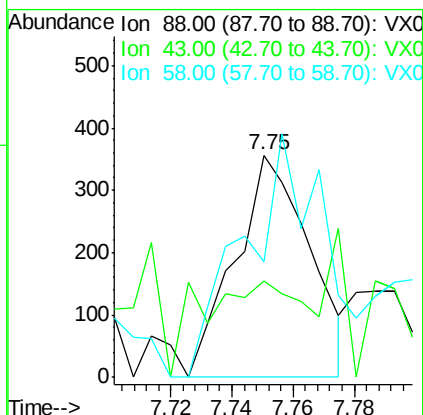
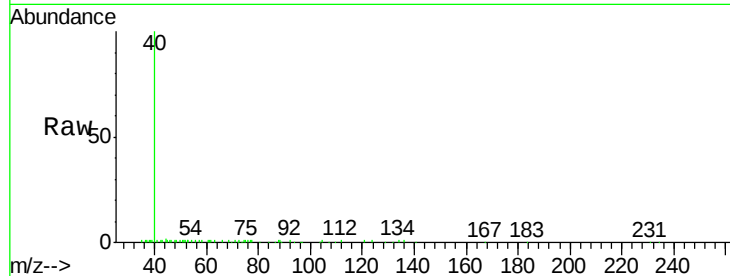




#49
1,4-Dioxane
Concen: 5.570 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VX008249.D
Acq: 20 Mar 2019 18:09

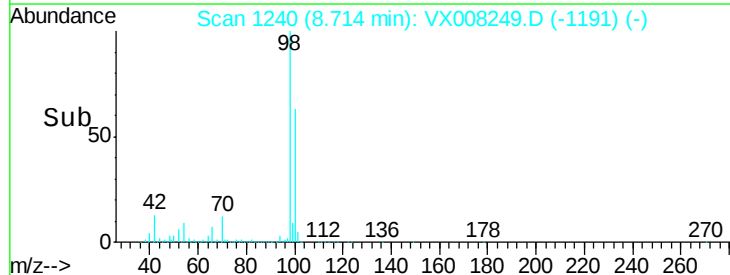
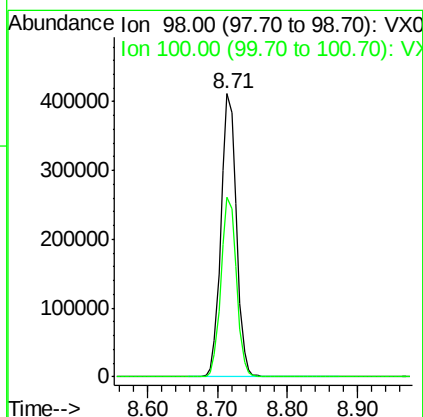
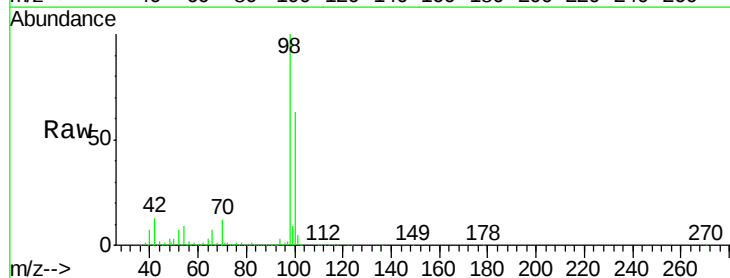
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW30311-20190315

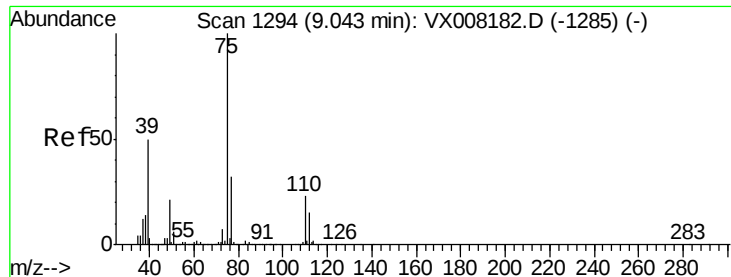
Tot Ion: 88 Resp: 601
Ion Ratio Lower Upper
88 100
43 61.2 25.1 37.7#
58 117.1 57.8 86.6#



#50
Toluene-d8
Concen: 47.860 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008249.D
Acq: 20 Mar 2019 18:09

Tgt Ion: 98 Resp: 633155
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5

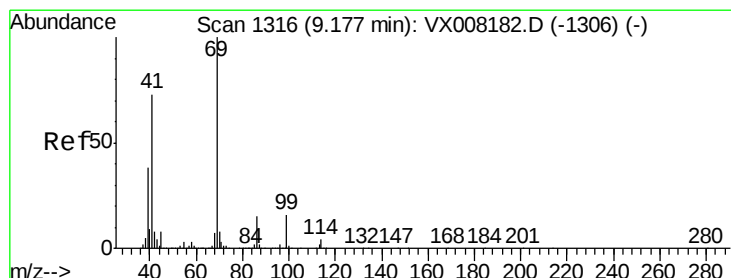
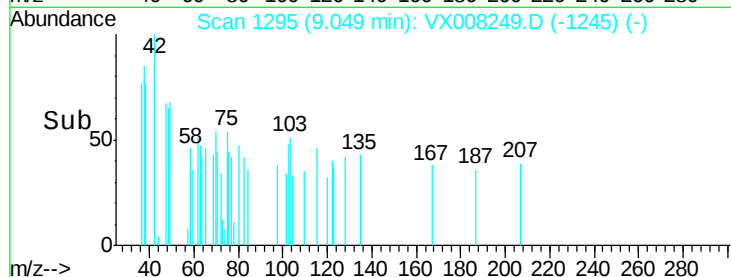
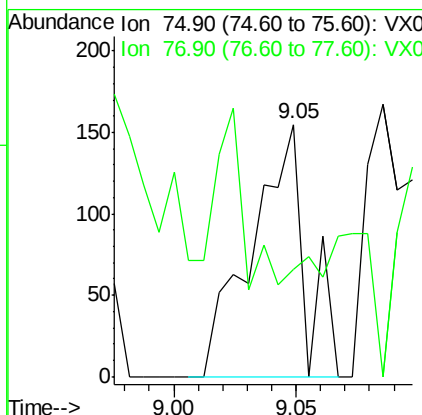
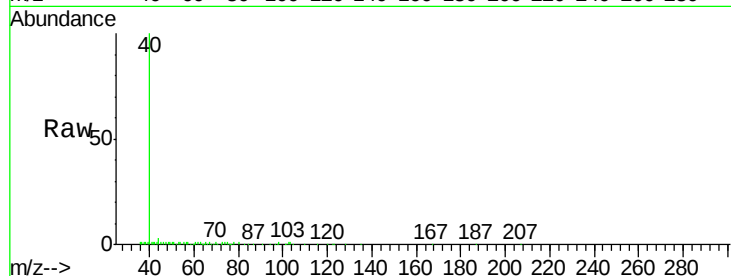




#53
t-1,3-Dichloropropene
Concen: 1.454 ug/l
RT: 9.05 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX008249.D
Acq: 20 Mar 2019 18:09

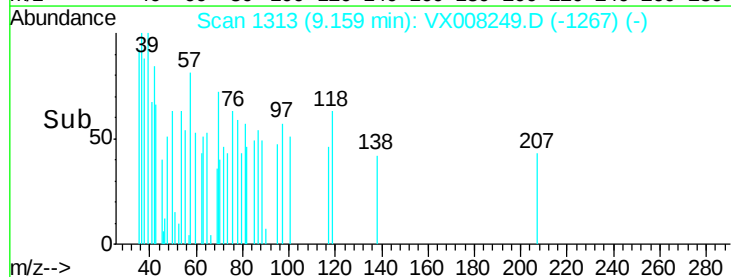
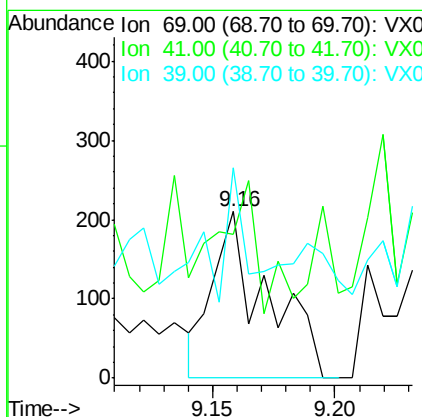
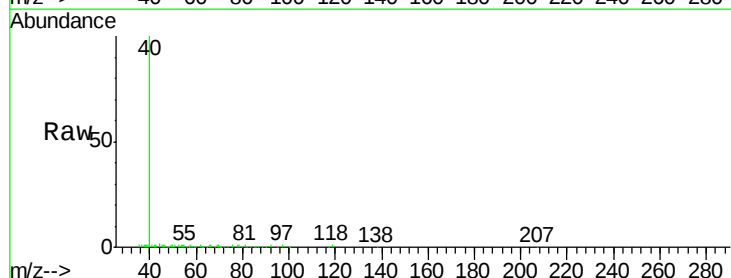
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW30311-20190315

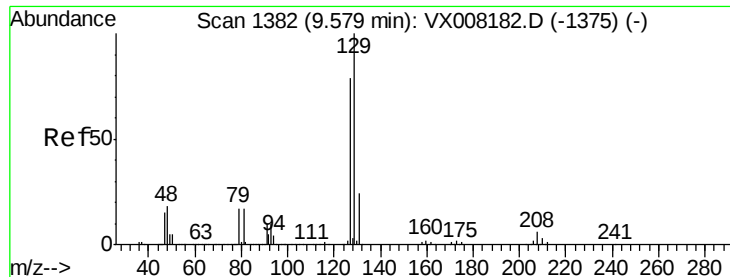
Tot Ion: 75 Resp: 237
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#



#56
Ethyl methacrylate
Concen: 0.568 ug/l
RT: 9.16 min Scan# 1313
Delta R.T. -0.02 min
Lab File: VX008249.D
Acq: 20 Mar 2019 18:09

Tgt Ion: 69 Resp: 326
Ion Ratio Lower Upper
69 100
41 38.7 54.2 81.4#
39 27.3 25.0 37.4





#60

Dibromochloromethane

Concen: 18.257 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX008249.D

Acq: 20 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

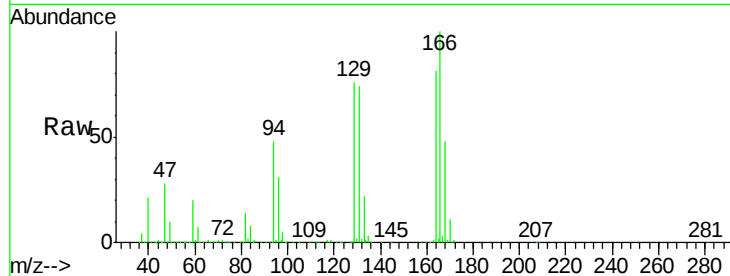
BPS1-TT-MW30311-20190315

Tot Ion:129 Resp: 75542

Ion Ratio Lower Upper

129 100

127 0.3 38.3 114.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.34

60000

50000

40000

30000

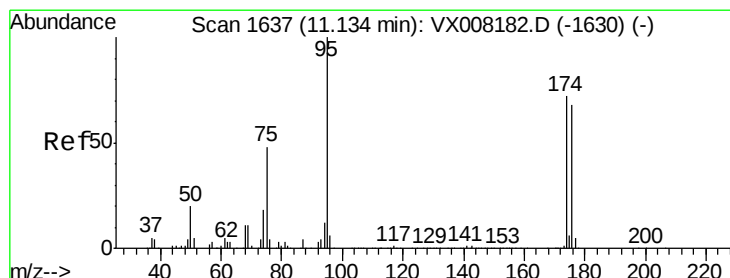
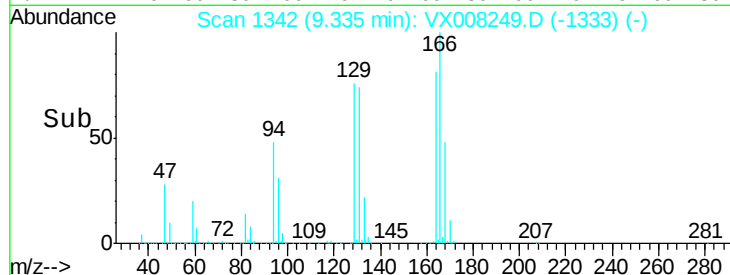
20000

10000

0

Time-->

9.25 9.30 9.35 9.40 9.45



#62

4-Bromofluorobenzene

Concen: 44.978 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008249.D

Acq: 20 Mar 2019 18:09

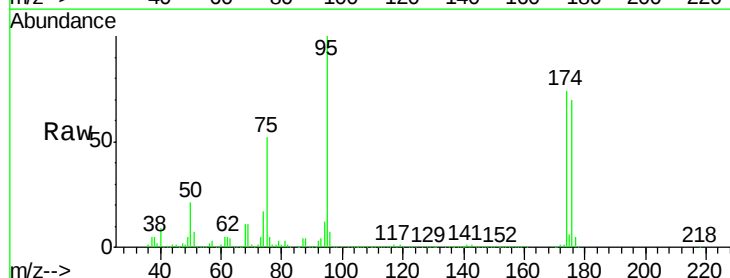
Tgt Ion: 95 Resp: 204883

Ion Ratio Lower Upper

95 100

174 79.3 0.0 182.8

176 75.8 0.0 178.0



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

200000

150000

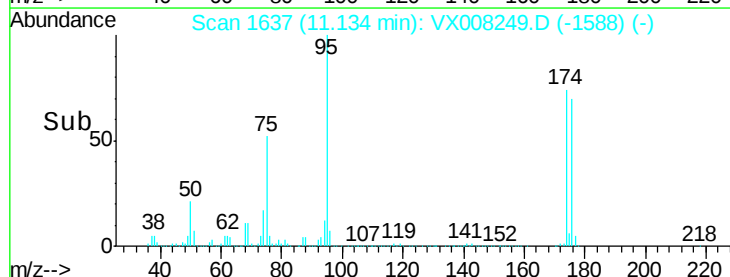
100000

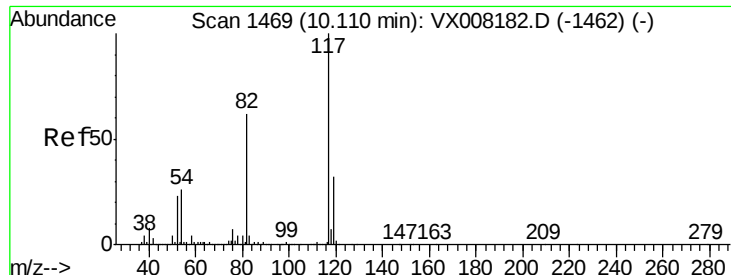
50000

0

Time-->

11.10 11.20

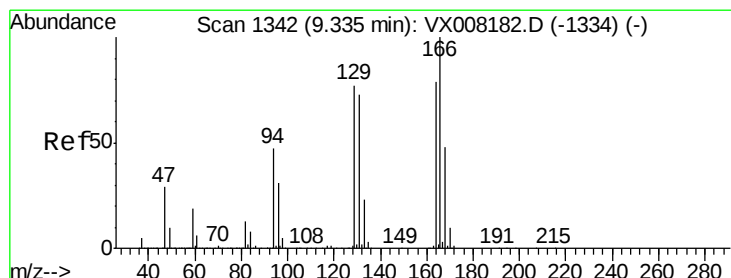
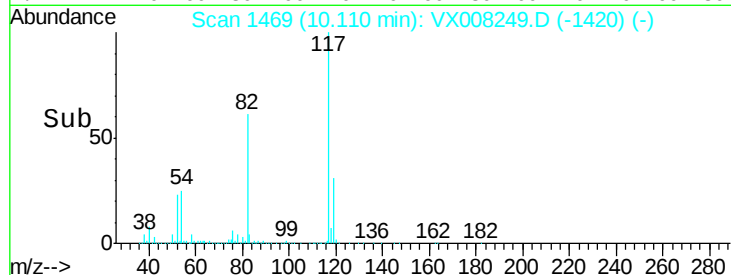
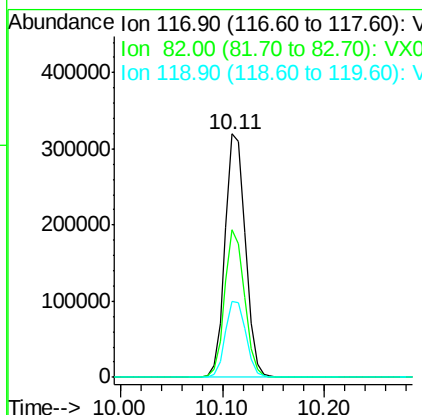
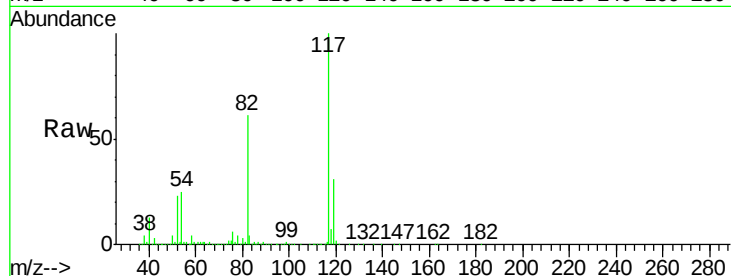




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008249.D
Acq: 20 Mar 2019 18:09

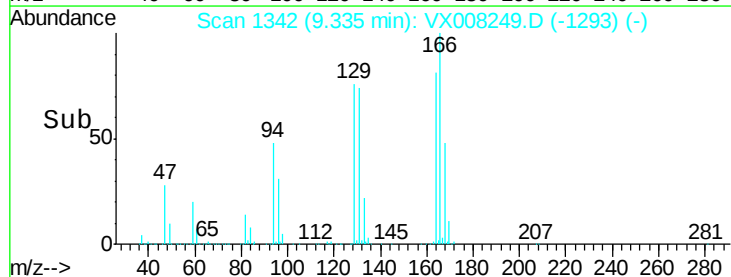
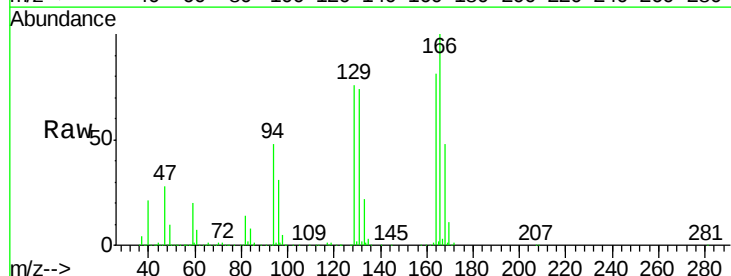
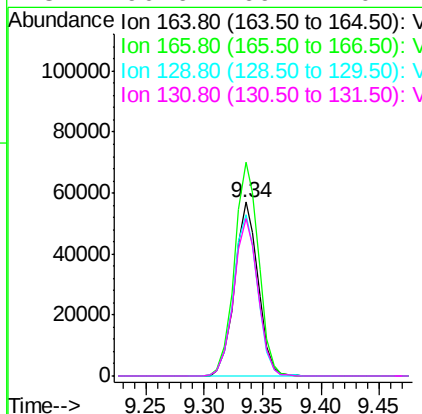
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW30311-20190315

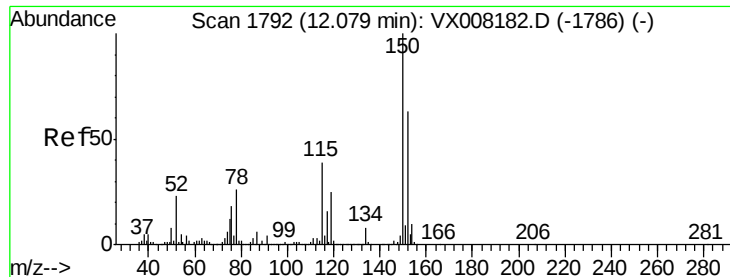
Tot Ion:117 Resp: 440430
Ion Ratio Lower Upper
117 100
82 60.5 44.3 66.5
119 31.3 25.3 37.9



#64
Tetrachloroethene
Concen: 20.102 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008249.D
Acq: 20 Mar 2019 18:09

Tgt Ion:164 Resp: 79874
Ion Ratio Lower Upper
164 100
166 122.9 103.4 155.0
129 93.1 72.2 108.4
131 90.6 69.4 104.2



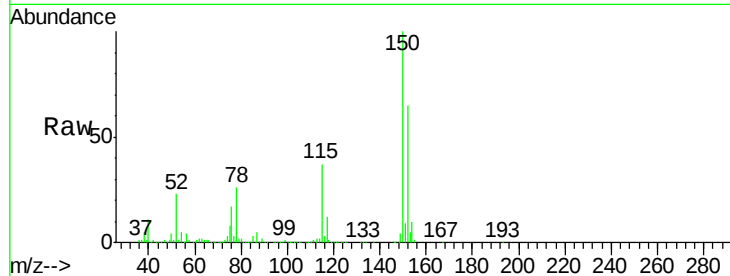


#72

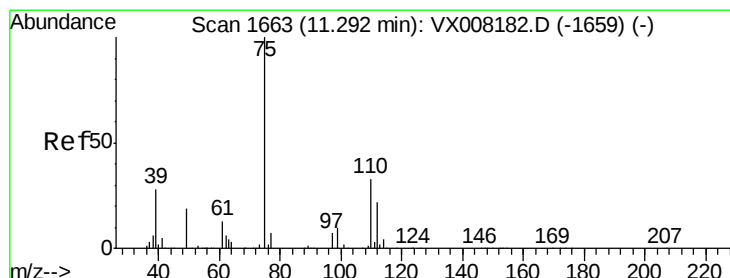
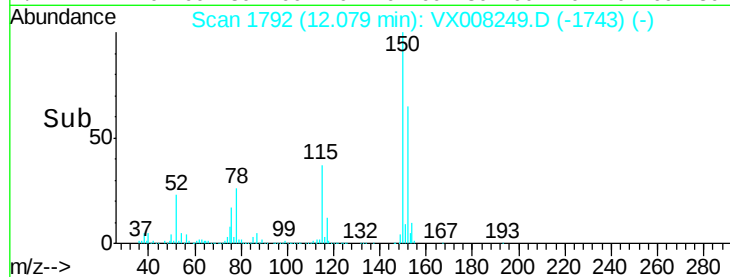
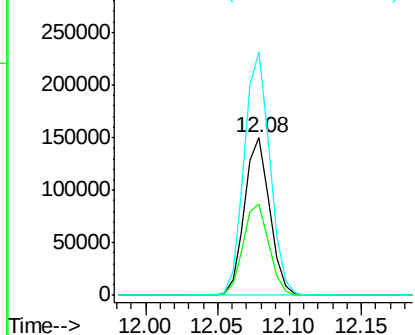
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008249.D
Acq: 20 Mar 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW30311-20190315

Tot Ion:152 Resp: 181080
Ion Ratio Lower Upper
152 100
115 60.1 38.6 115.7
150 157.3 0.0 348.4



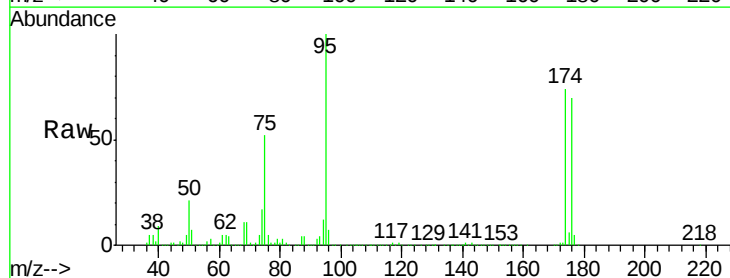
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



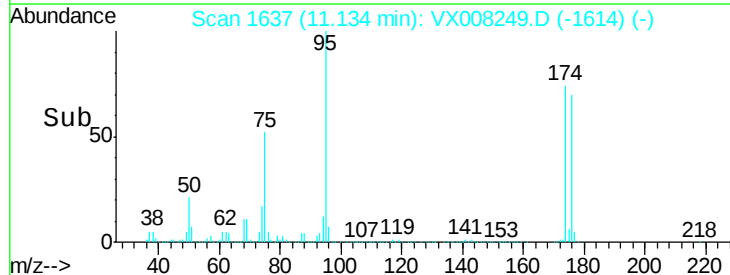
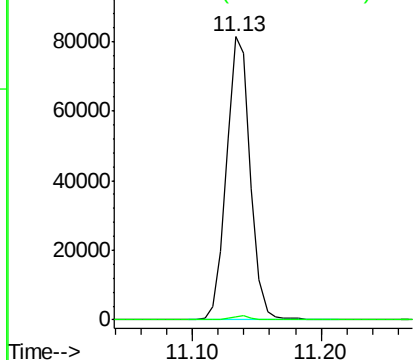
#76

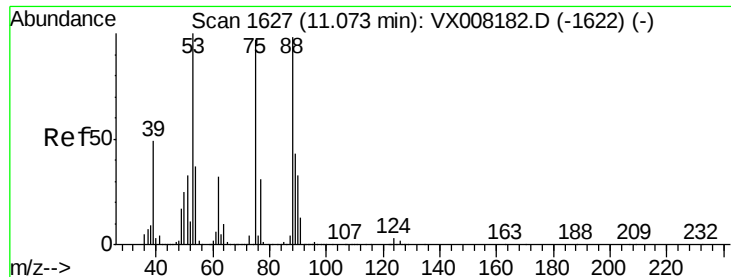
1,2,3-Trichloropropane
Concen: 20.629 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008249.D
Acq: 20 Mar 2019 18:09

Tgt Ion: 75 Resp: 105067
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: 52.516 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008249.D

Acq: 20 Mar 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW30311-20190315

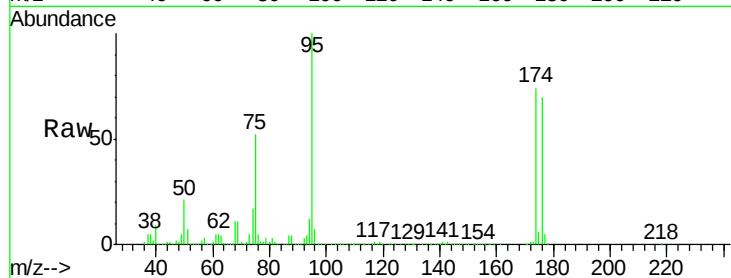
Tot Ion: 75 Resp: 105067

Ion Ratio Lower Upper

75 100

53 0.2 76.1 114.1#

89 0.2 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

