

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020119\
 Data File : VX007336.D
 Acq On : 01 Feb 2019 15:07
 Operator : JC/SP
 Sample : K1296-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-TB01-20190129

Quant Time: Feb 02 03:16:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	522849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	795320	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	762129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	373473	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	276527	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	
35) Dibromofluoromethane	5.50	113	255058	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	
50) Toluene-d8	8.71	98	960790	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.13	95	348302	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	

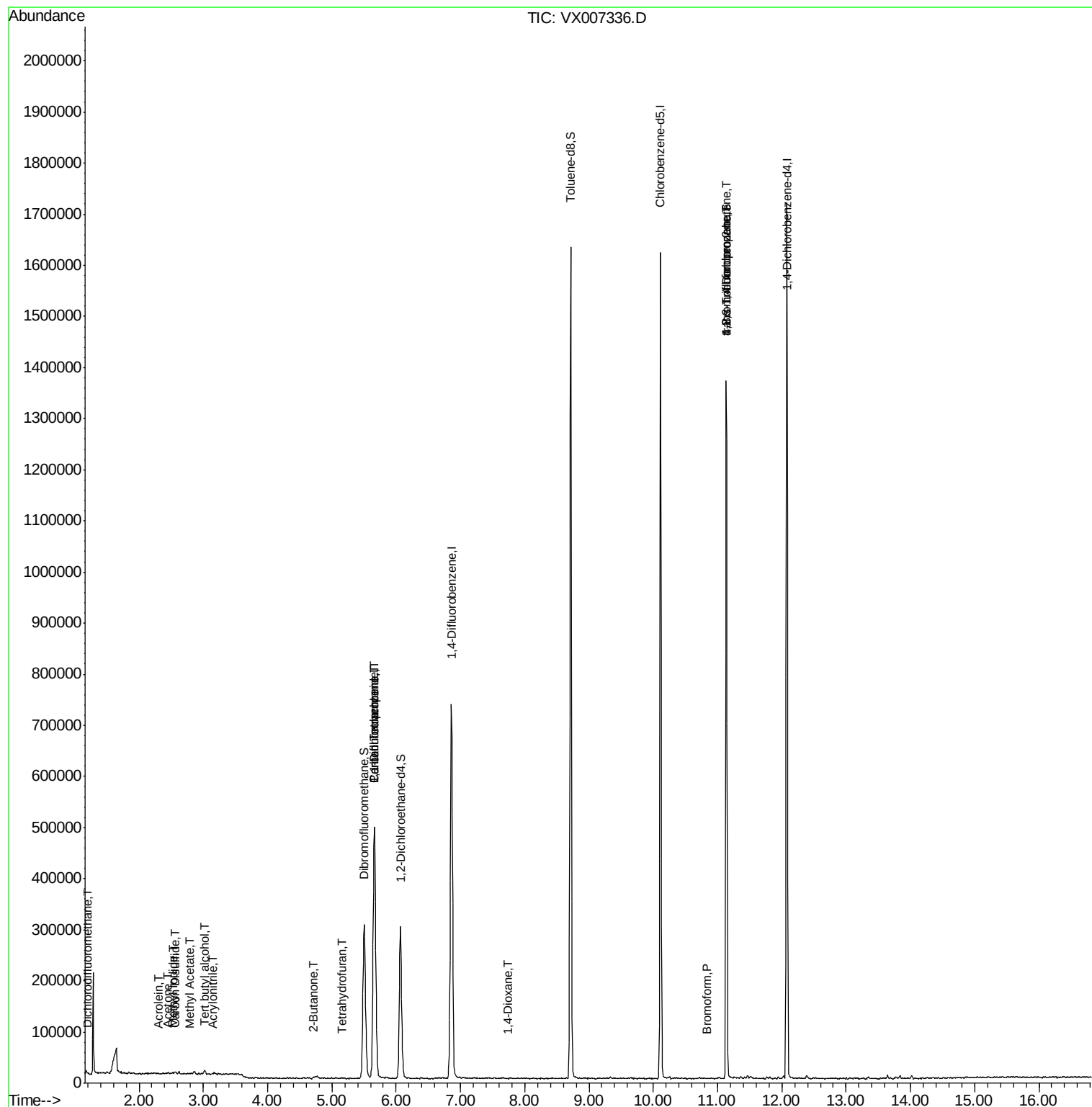
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	687	0.284	ug/l	79
10) Methyl Iodide	2.53	142	2107	0.266	ug/l #	97
11) Tert butyl alcohol	3.02	59	4859	4.231	ug/l #	93
13) Acrolein	2.30	56	305	0.566	ug/l #	38
15) Acrylonitrile	3.15	53	1141	0.402	ug/l #	74
16) Acetone	2.44	43	2564	1.009	ug/l #	77
17) Carbon Disulfide	2.56	76	3514	2.379	ug/l #	89
18) Methyl Acetate	2.78	43	1227	0.776	ug/l #	55
25) 2-Butanone	4.71	43	811	0.224	ug/l #	47
29) Tetrahydrofuran	5.16	42	989	0.435	ug/l #	56
36) 1,1-Dichloropropene	5.67	75	32174	4.509	ug/l #	51
38) Carbon Tetrachloride	5.66	117	46397	6.702	ug/l #	18
49) 1,4-Dioxane	7.73	88	185	8.329	ug/l #	1
71) Bromoform	10.82	173	91	4.047	ug/l #	29
76) 1,2,3-Trichloropropane	11.13	75	167454	23.051	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	167454	69.451	ug/l #	9

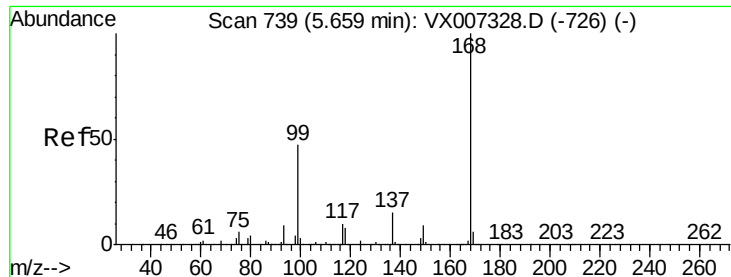
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX020119\
Data File : VX007336.D
Acq On : 01 Feb 2019 15:07
Operator : JC/SP
Sample : K1296-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB01-20190129

Quant Time: Feb 02 03:16:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007336.D

Acq: 01 Feb 2019 15:07

Instrument :

MSVOA_X

ClientSampleId :

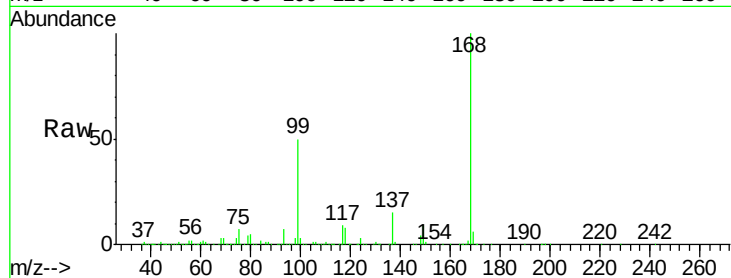
BP-TT-TB01-20190129

Tot Ion:168 Resp: 522849

Ion Ratio Lower Upper

168 100

99 49.8 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

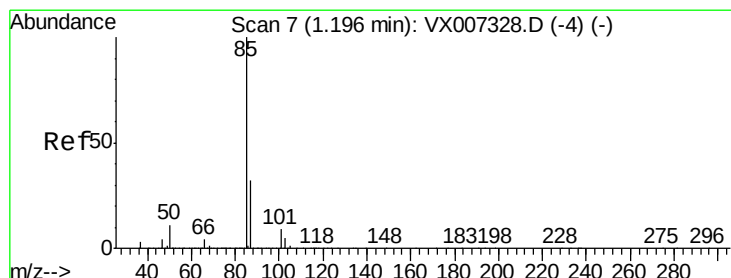
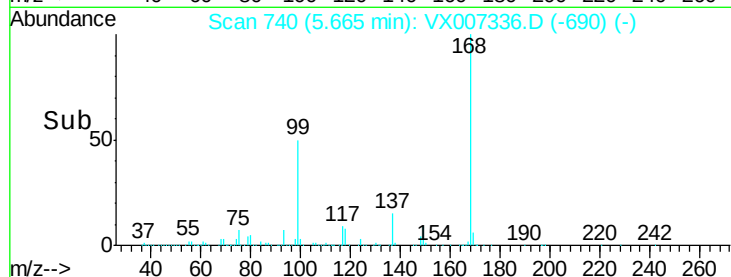
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.284 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007336.D

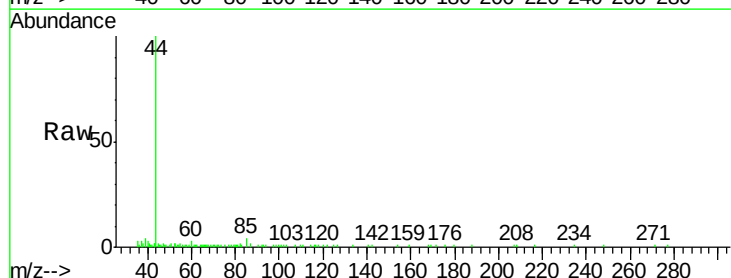
Acq: 01 Feb 2019 15:07

Tgt Ion: 85 Resp: 687

Ion Ratio Lower Upper

85 100

87 19.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

400

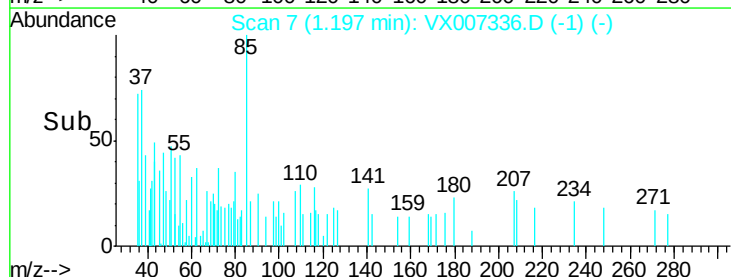
300

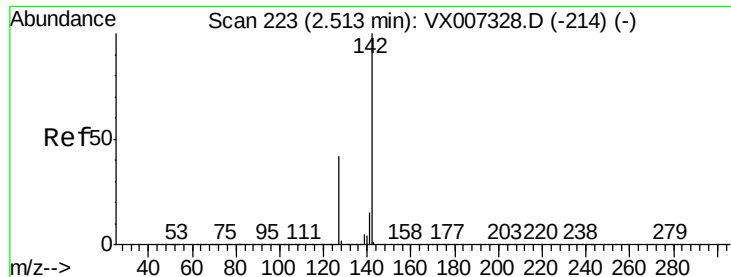
200

100

0

Time-->

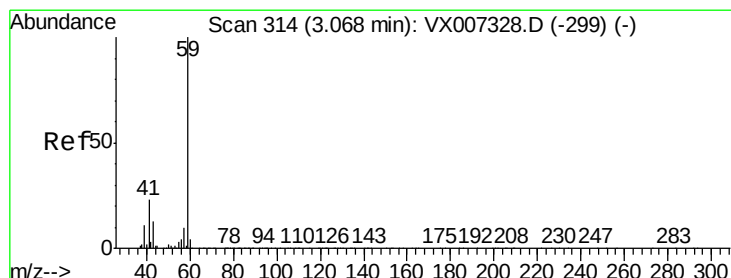
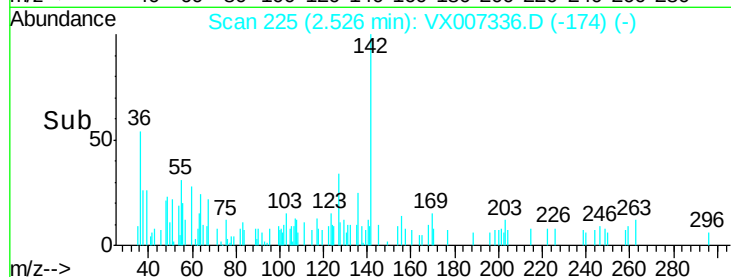
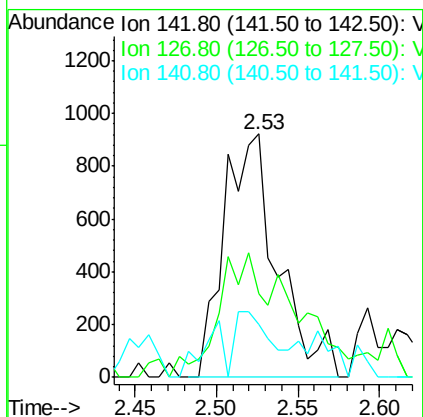
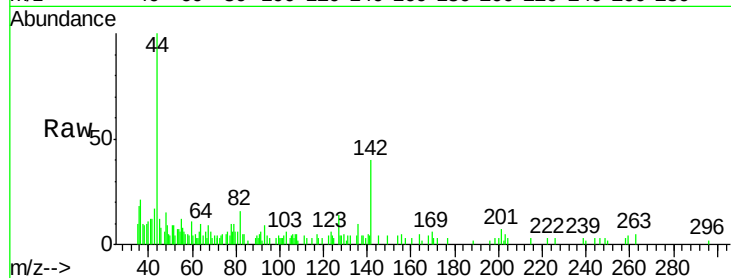




#10
Methyl Iodide
Concen: 0.266 ug/l
RT: 2.53 min Scan# 225
Delta R.T. 0.01 min
Lab File: VX007336.D
Acq: 01 Feb 2019 15:07

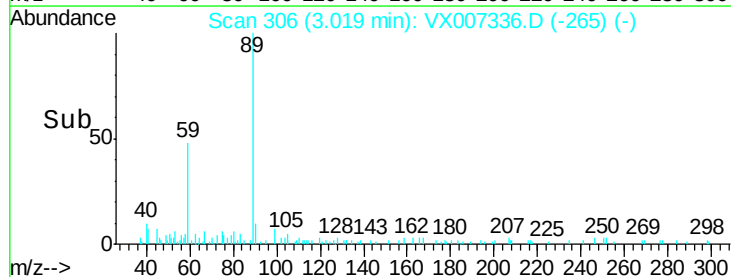
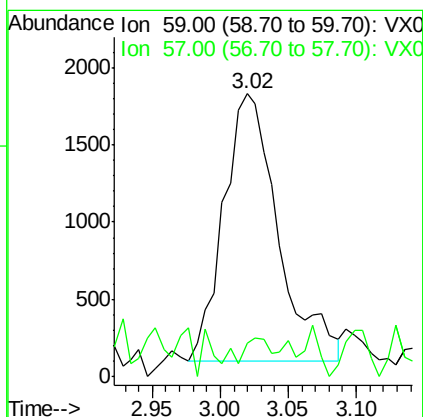
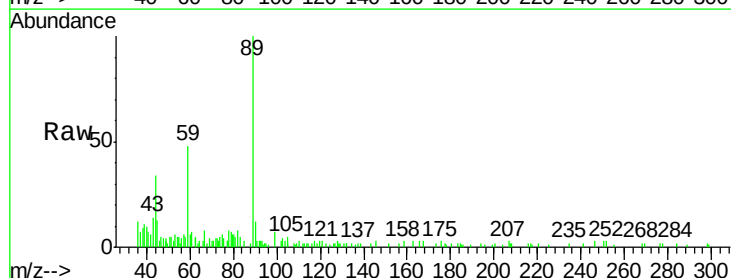
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB01-20190129

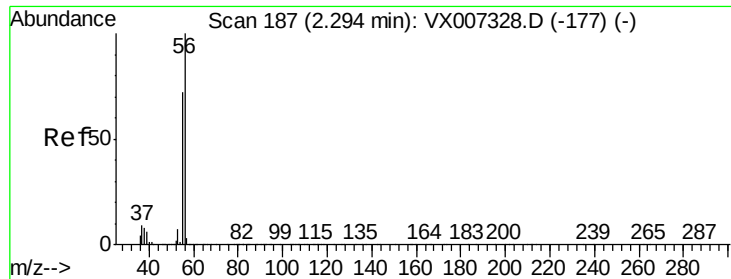
Tot Ion:142 Resp: 2107
Ion Ratio Lower Upper
142 100
127 42.2 33.7 50.5
141 18.3 11.3 16.9#



#11
Tert butyl alcohol
Concen: 4.231 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX007336.D
Acq: 01 Feb 2019 15:07

Tgt Ion: 59 Resp: 4859
Ion Ratio Lower Upper
59 100
57 7.7 8.1 12.1#

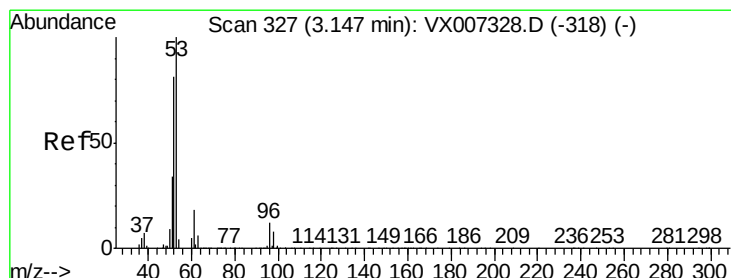
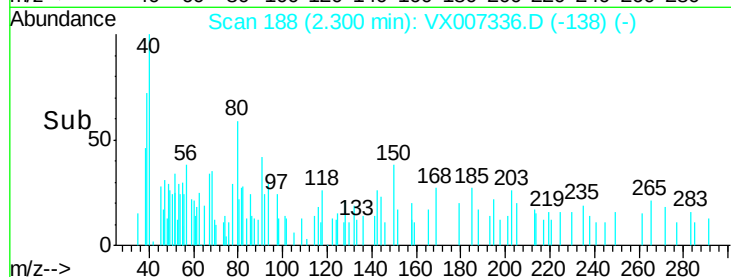
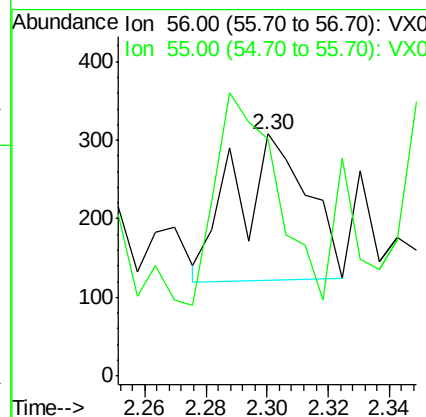
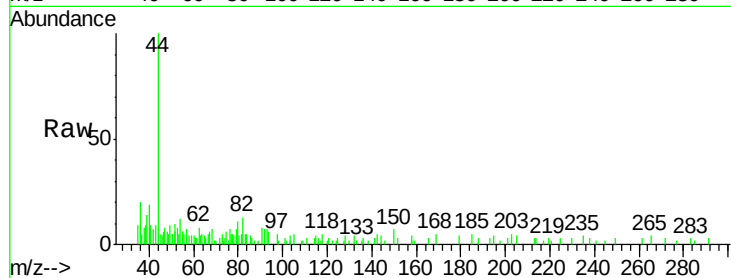




#13
Acrolein
Concen: 0.566 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX007336.D
Acq: 01 Feb 2019 15:07

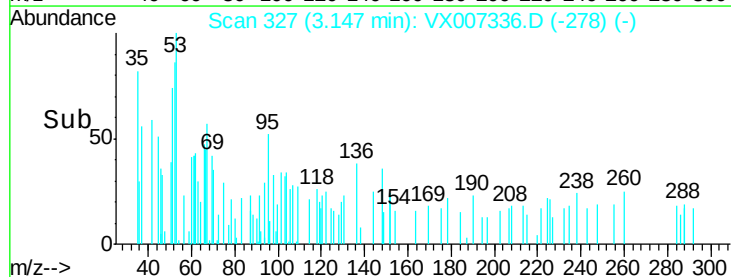
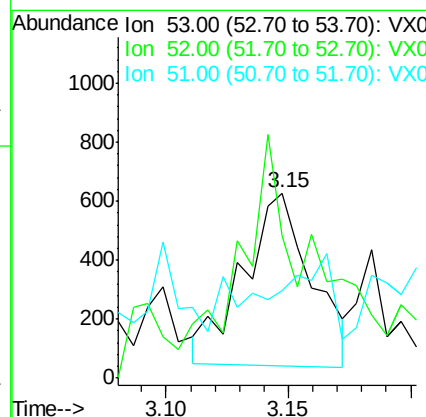
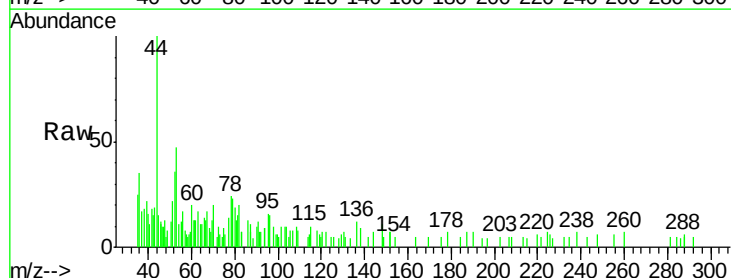
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB01-20190129

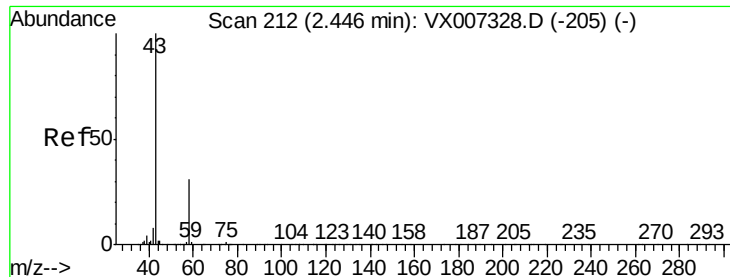
Tot Ion: 56 Resp: 305
Ion Ratio Lower Upper
56 100
55 122.6 56.9 85.3#



#15
Acrylonitrile
Concen: 0.402 ug/l
RT: 3.15 min Scan# 327
Delta R.T. 0.00 min
Lab File: VX007336.D
Acq: 01 Feb 2019 15:07

Tgt Ion: 53 Resp: 1141
Ion Ratio Lower Upper
53 100
52 72.6 66.4 99.6
51 0.0 28.4 42.6#





#16

Acetone

Concen: 1.009 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX007336.D

Acq: 01 Feb 2019 15:07

Instrument :

MSVOA_X

ClientSampleId :

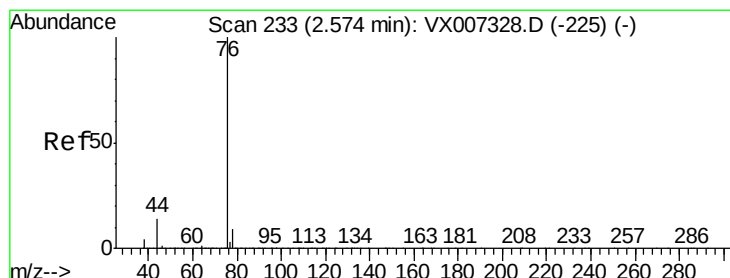
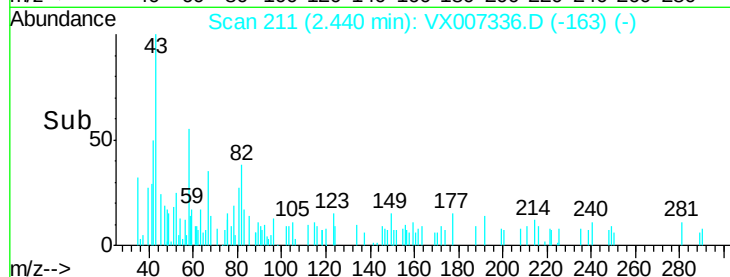
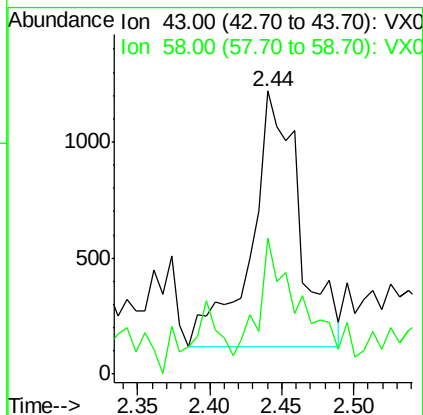
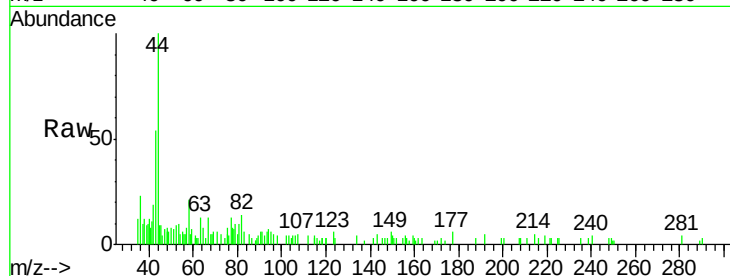
BP-TT-TB01-20190129

Tot Ion: 43 Resp: 2564

Ion Ratio Lower Upper

43 100

58 43.8 24.9 37.3#



#17

Carbon Disulfide

Concen: 2.379 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX007336.D

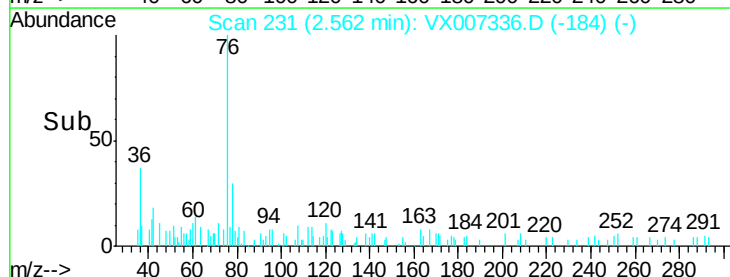
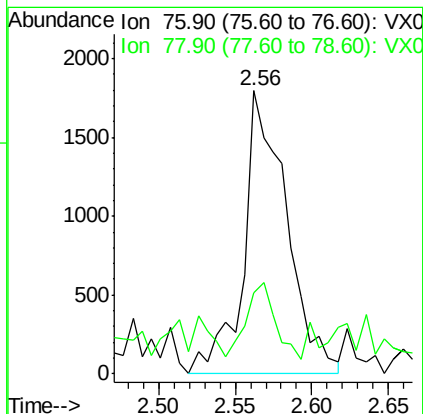
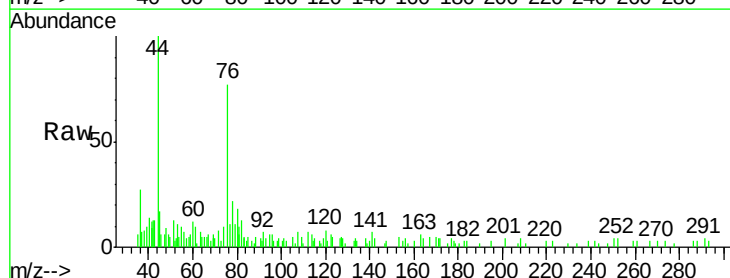
Acq: 01 Feb 2019 15:07

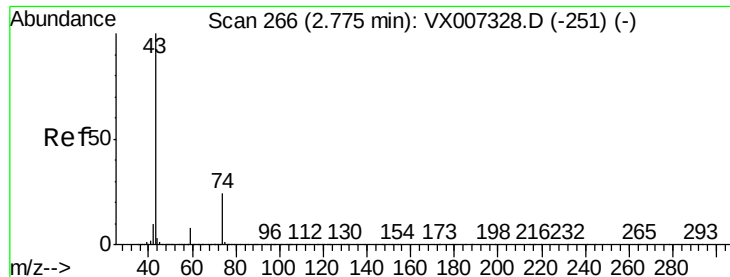
Tgt Ion: 76 Resp: 3514

Ion Ratio Lower Upper

76 100

78 12.9 7.1 10.7#

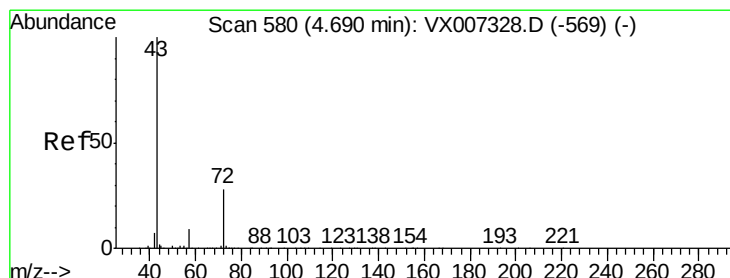
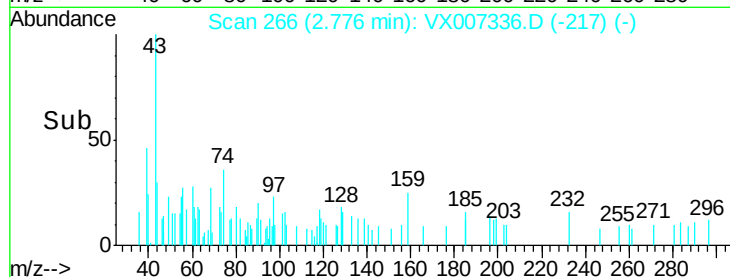
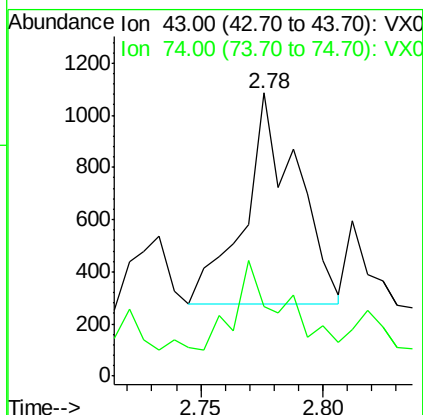
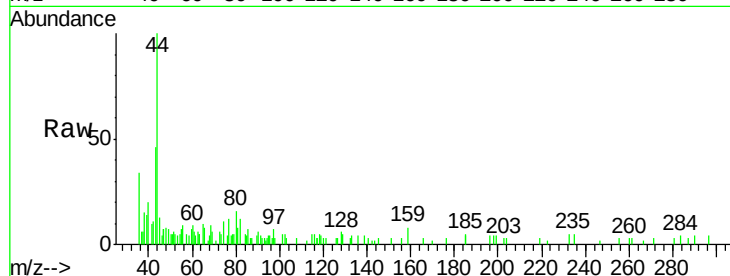




#18
Methvl Acetate
Concen: 0.776 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX007336.D
Acq: 01 Feb 2019 15:07

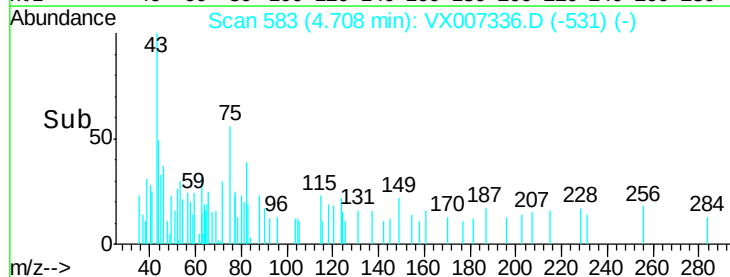
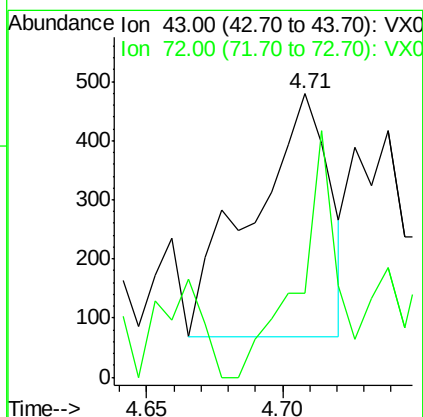
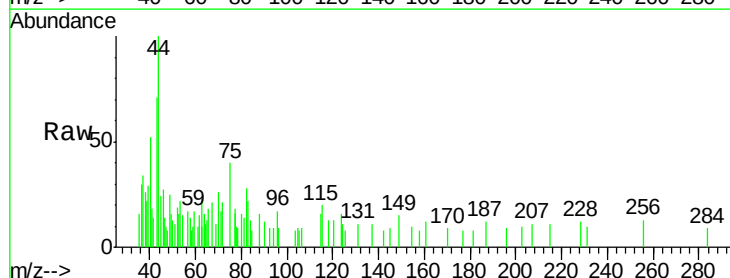
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB01-20190129

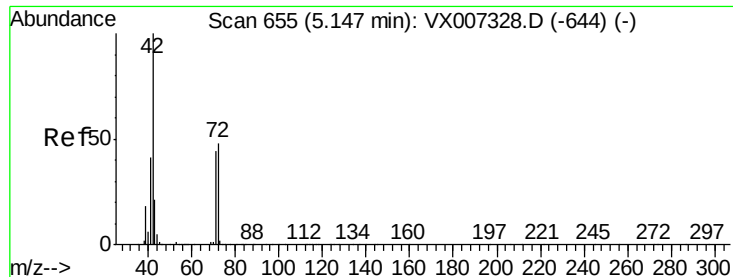
Tot Ion: 43 Resp: 1227
Ion Ratio Lower Upper
43 100
74 46.5 19.4 29.2#



#25
2-Butanone
Concen: 0.224 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.02 min
Lab File: VX007336.D
Acq: 01 Feb 2019 15:07

Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.2#

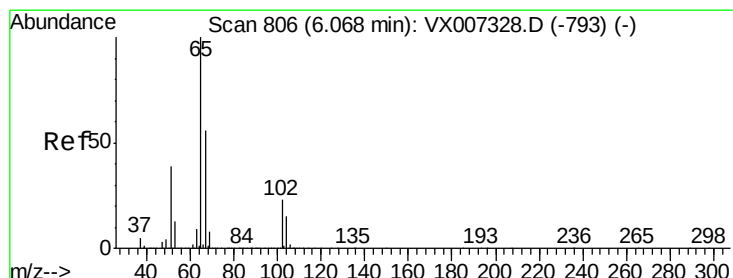
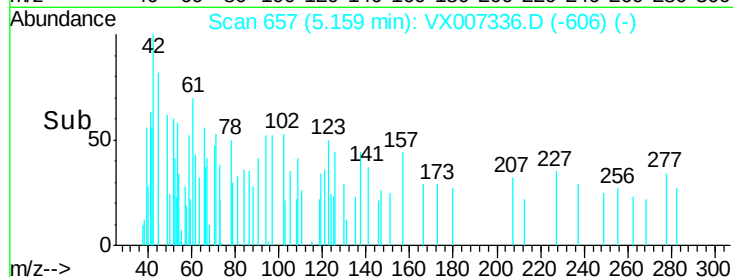
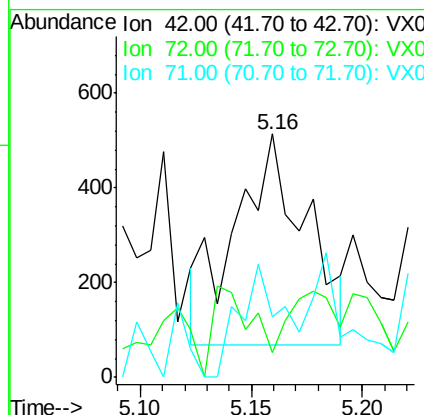
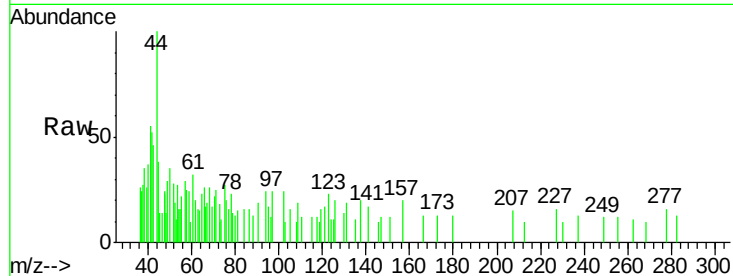




#29
Tetrahydrofuran
Concen: 0.435 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX007336.D
Acq: 01 Feb 2019 15:07

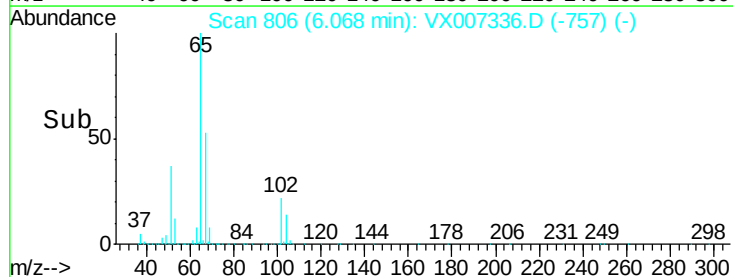
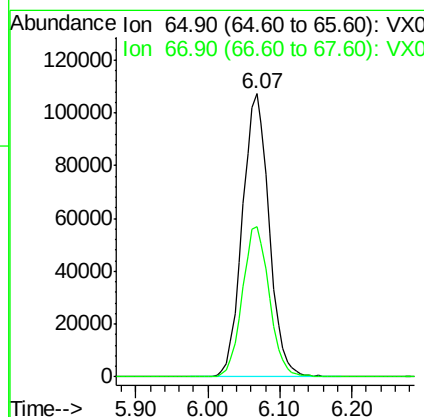
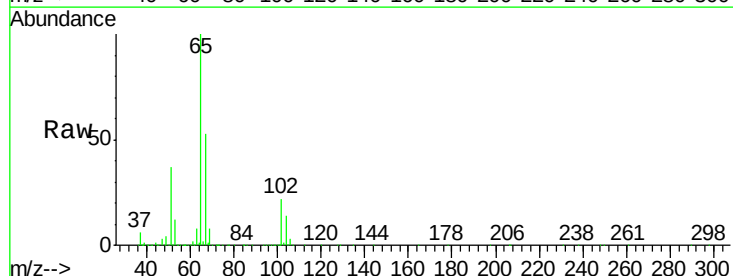
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB01-20190129

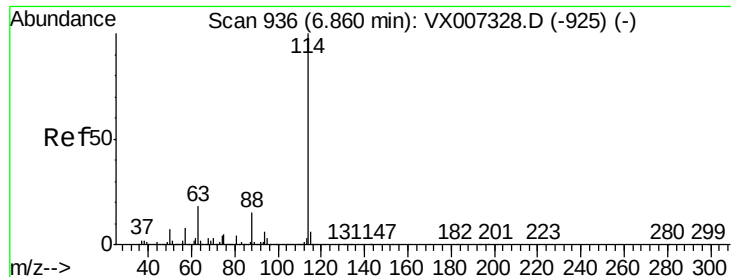
Tot Ion: 42 Resp: 989
Ion Ratio Lower Upper
42 100
72 0.0 37.6 56.4#
71 32.8 34.6 51.8#



#33
1,2-Dichloroethane-d4
Concen: 49.828 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007336.D
Acq: 01 Feb 2019 15:07

Tgt Ion: 65 Resp: 276527
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.8

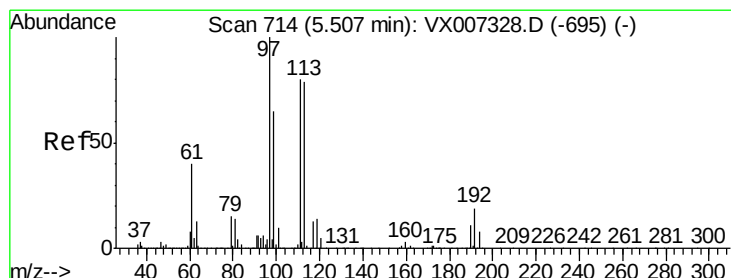
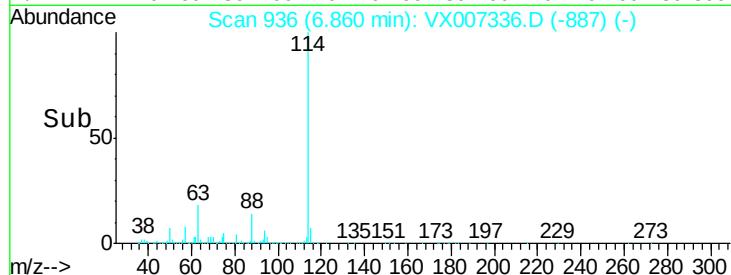
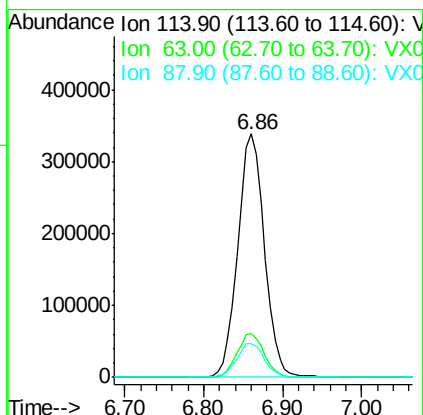
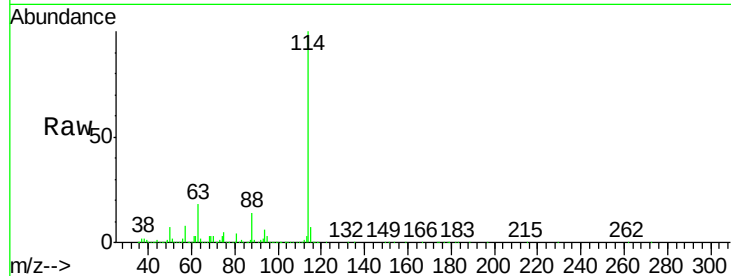




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007336.D
 Acq: 01 Feb 2019 15:07

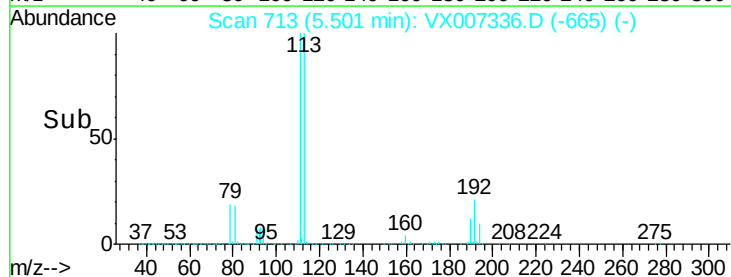
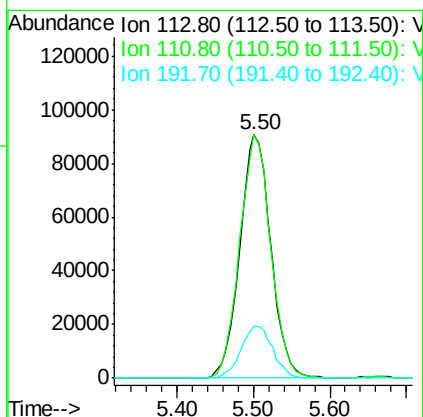
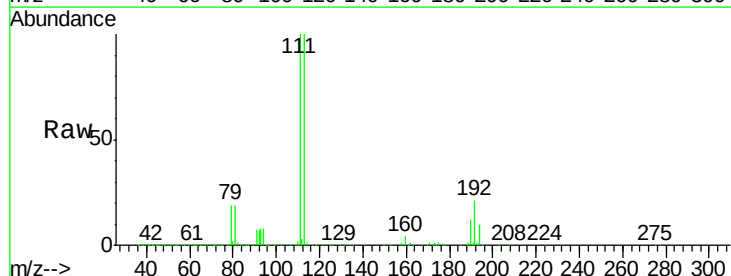
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-TB01-20190129

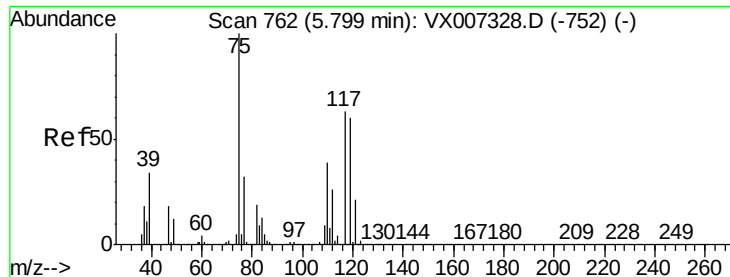
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	35.6
88	13.8	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 49.288 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX007336.D
 Acq: 01 Feb 2019 15:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.0	81.8	122.8
192	22.1	18.5	27.7





#36

1,1-Dichloropropene

Concen: 4.509 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007336.D

Acq: 01 Feb 2019 15:07

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-TB01-20190129

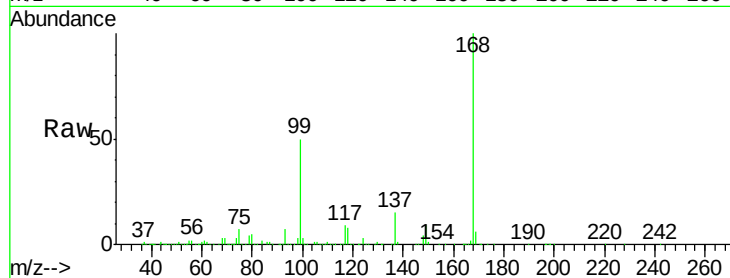
Tot Ion: 75 Resp: 32174

Ion Ratio Lower Upper

75 100

110 12.4 20.0 59.9#

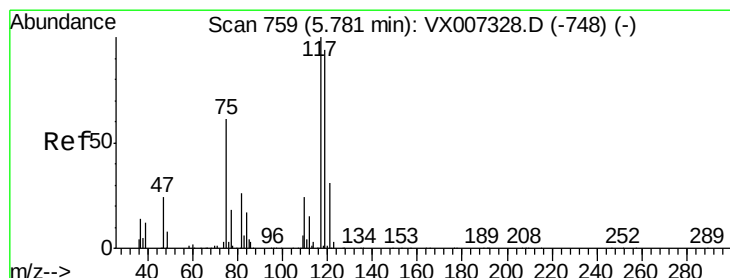
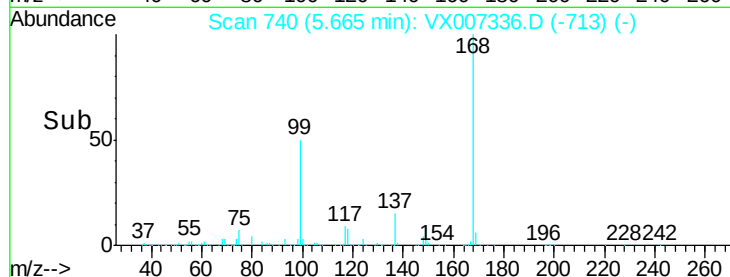
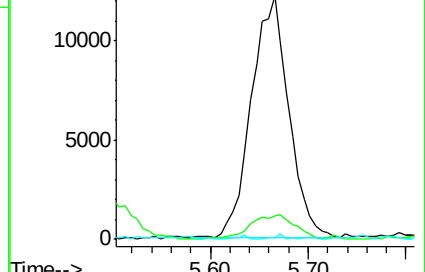
77 0.6 24.7 37.1#



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: 6.702 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX007336.D

Acq: 01 Feb 2019 15:07

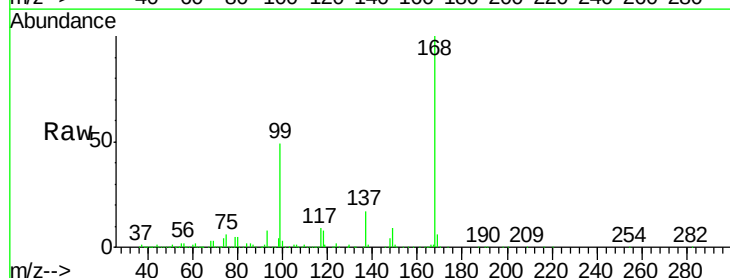
Tgt Ion: 117 Resp: 46397

Ion Ratio Lower Upper

117 100

119 6.5 75.3 112.9#

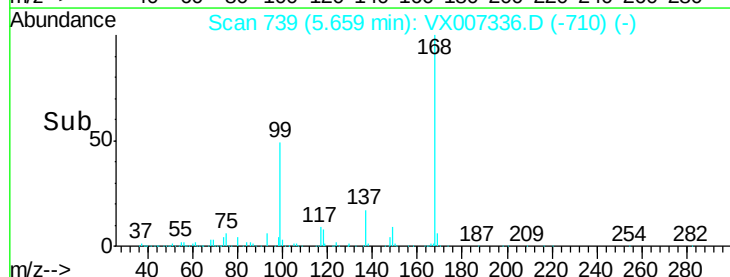
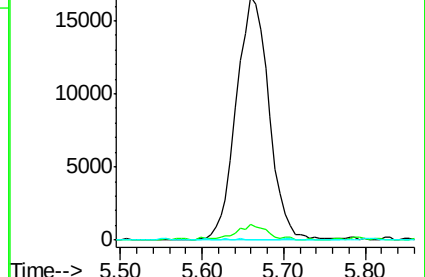
121 0.0 25.0 37.4#

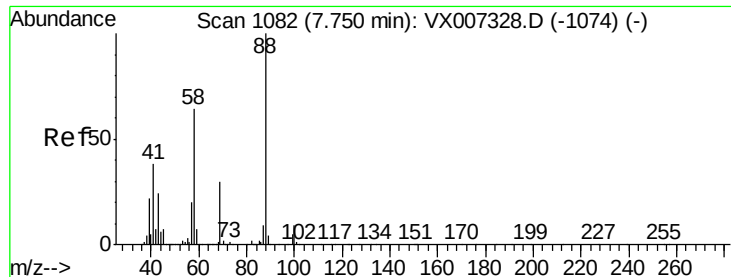


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

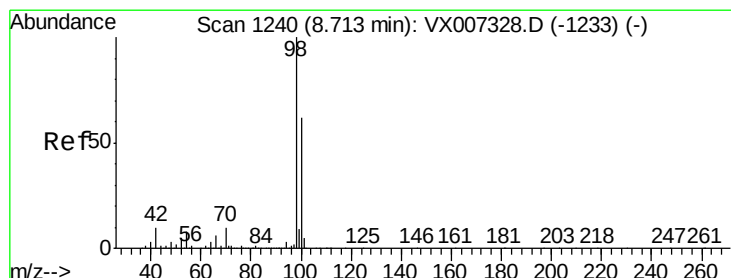
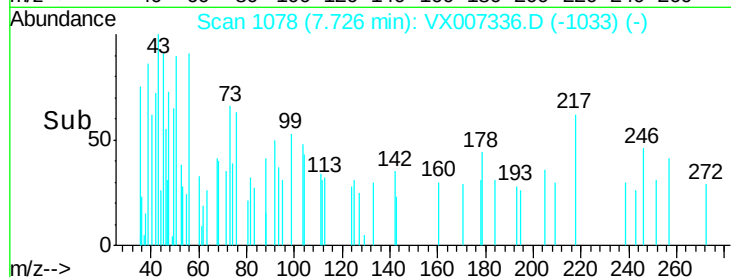
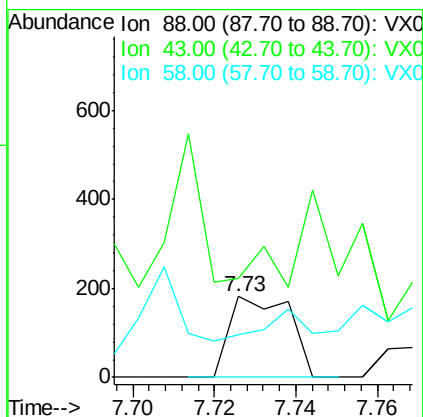
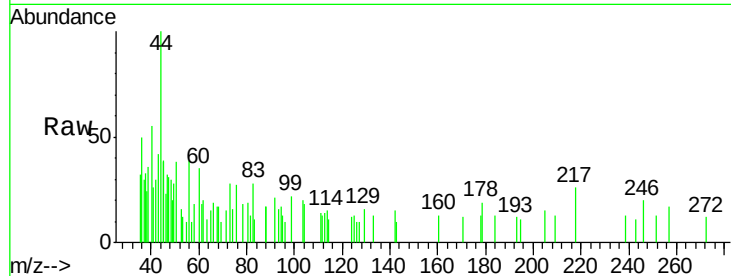




#49
1,4-Dioxane
Concen: 8.329 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.02 min
Lab File: VX007336.D
Acq: 01 Feb 2019 15:07

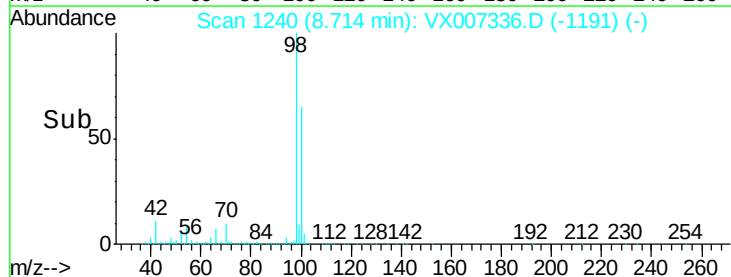
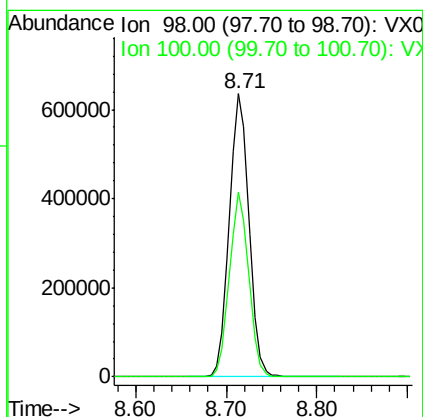
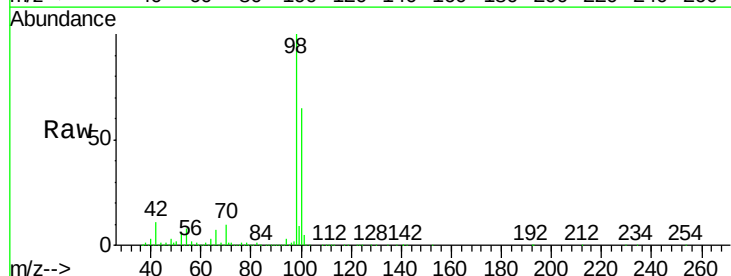
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB01-20190129

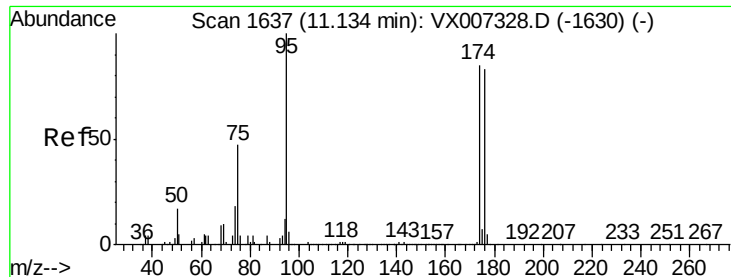
Tot Ion	88	Resp	185
Ion Ratio	Lower	Upper	
88	100		
43	236.8	24.2	36.4#
58	25.9	53.0	79.4#



#50
Toluene-d8
Concen: 50.042 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007336.D
Acq: 01 Feb 2019 15:07

Tgt Ion	98	Resp	960790
Ion Ratio	Lower	Upper	
98	100		
100	63.8	51.6	77.4





#62

4-Bromofluorobenzene

Concen: 49.688 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007336.D

Acq: 01 Feb 2019 15:07

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-TB01-20190129

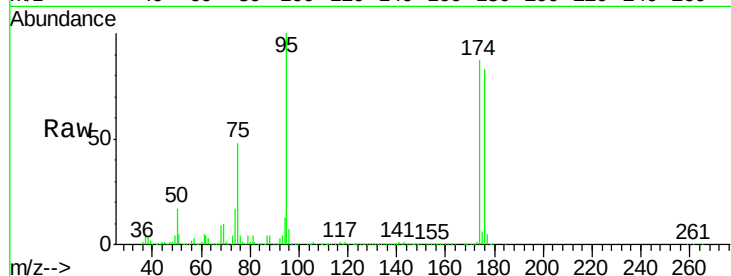
Tot Ion: 95 Resp: 348302

Ion Ratio Lower Upper

95 100

174 93.2 0.0 189.2

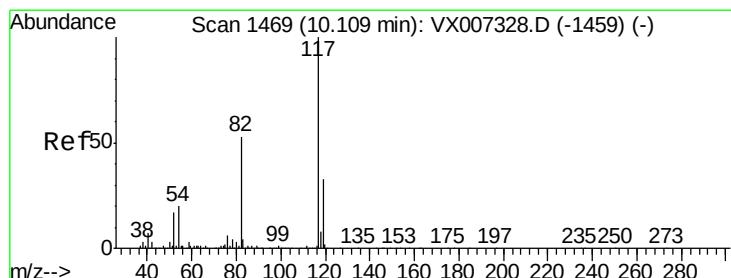
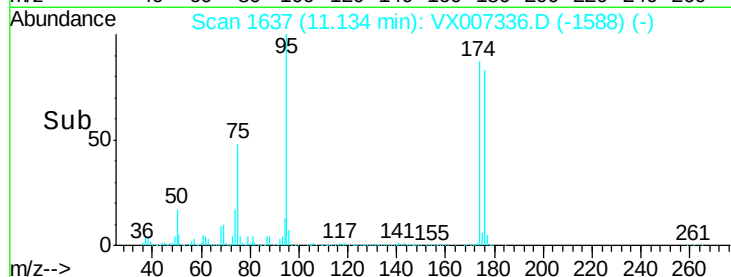
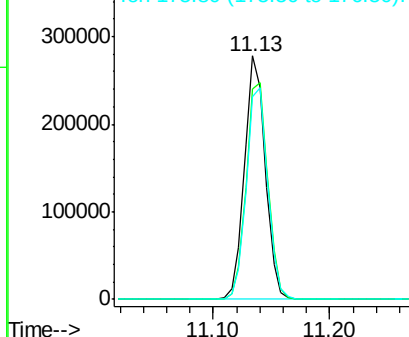
176 89.9 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX007328.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007328.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007328.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007336.D

Acq: 01 Feb 2019 15:07

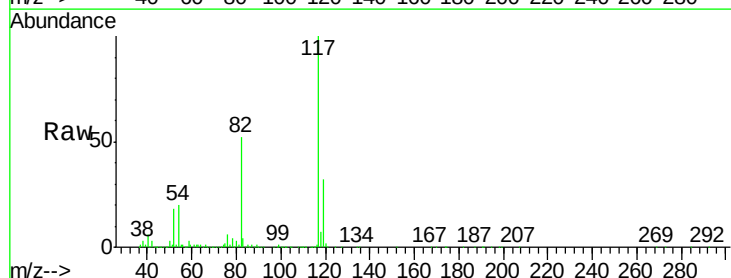
Tgt Ion: 117 Resp: 762129

Ion Ratio Lower Upper

117 100

82 51.7 42.1 63.1

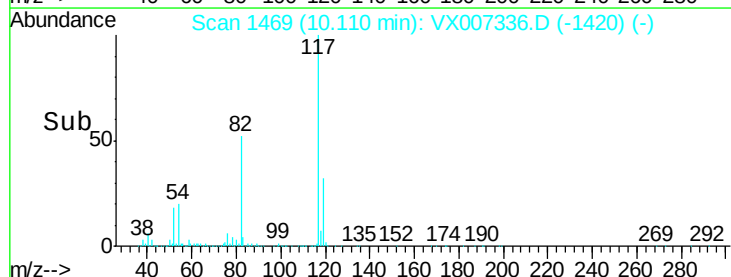
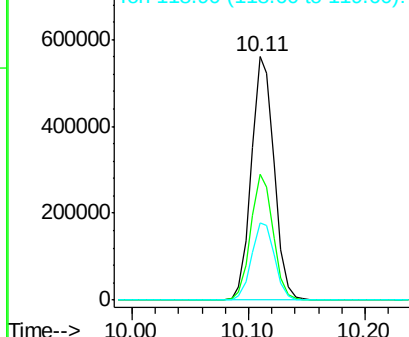
119 31.5 26.5 39.7

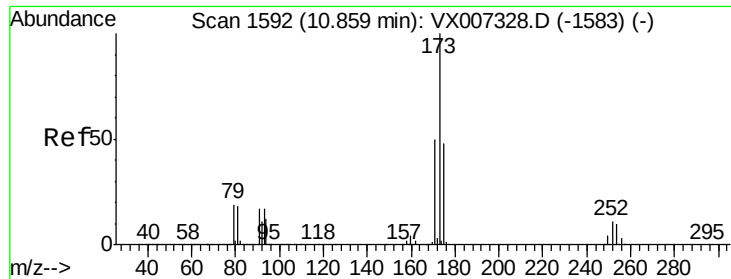


Abundance Ion 116.90 (116.60 to 117.60): VX007328.D (-1459) (-)

Ion 82.00 (81.70 to 82.70): VX007328.D (-1459) (-)

Ion 118.90 (118.60 to 119.60): VX007328.D (-1459) (-)





#71

Bromoform

Concen: 4.047 ug/l

RT: 10.82 min Scan# 1586

Delta R.T. -0.04 min

Lab File: VX007336.D

Acq: 01 Feb 2019 15:07

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-TB01-20190129

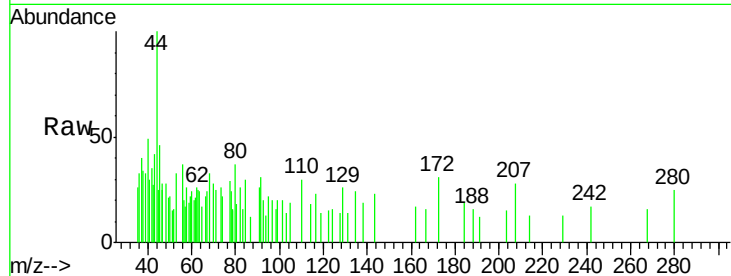
Tot Ion:173 Resp: 91

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

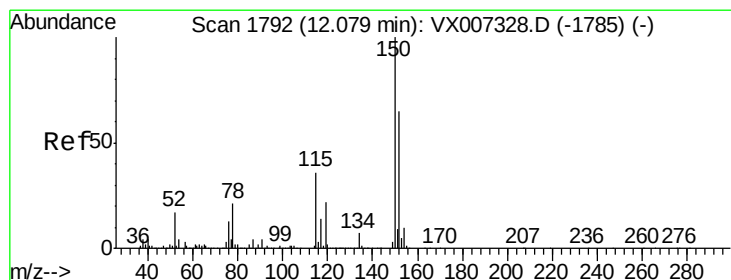
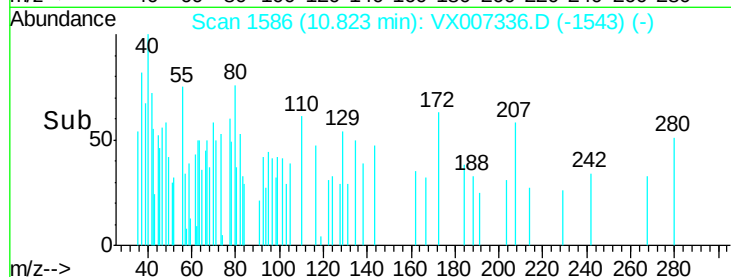
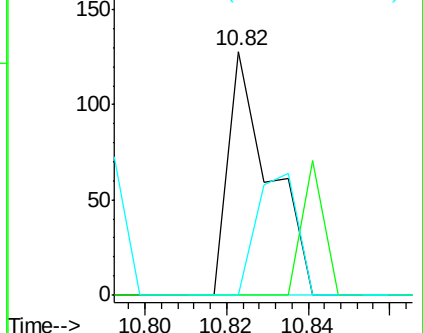
254 49.5 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VX007336.D

Acq: 01 Feb 2019 15:07

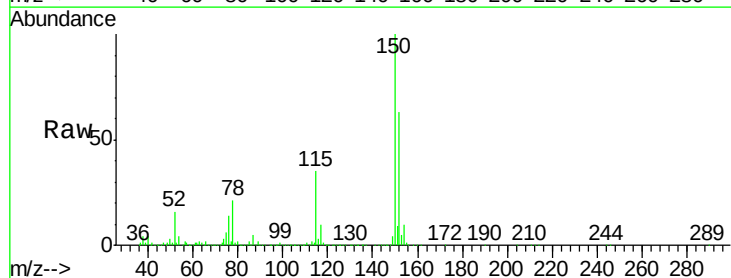
Tgt Ion:152 Resp: 373473

Ion Ratio Lower Upper

152 100

115 54.6 38.0 114.0

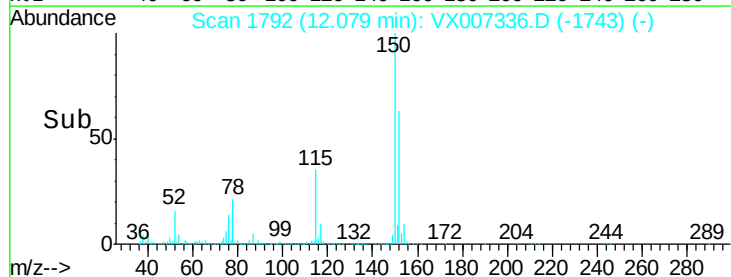
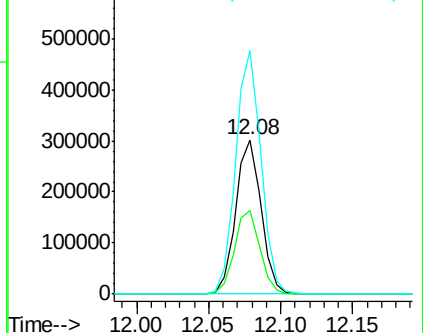
150 157.2 0.0 346.4

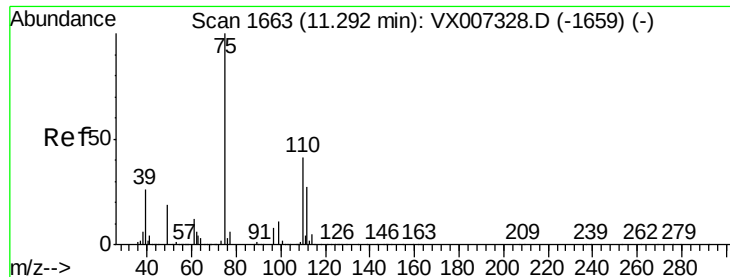


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 23.051 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007336.D

Acq: 01 Feb 2019 15:07

Instrument :

MSVOA_X

ClientSampleId :

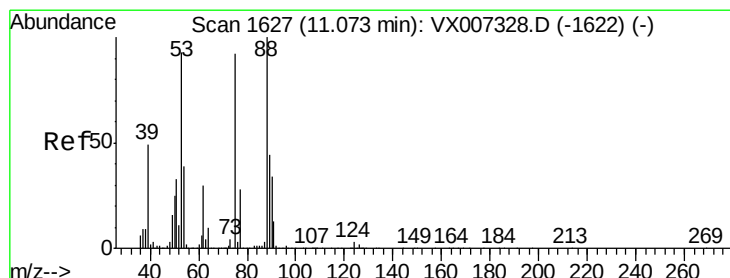
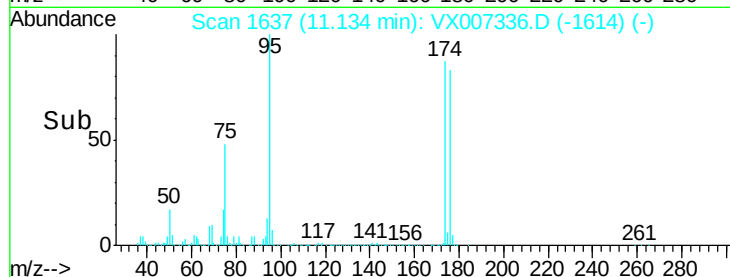
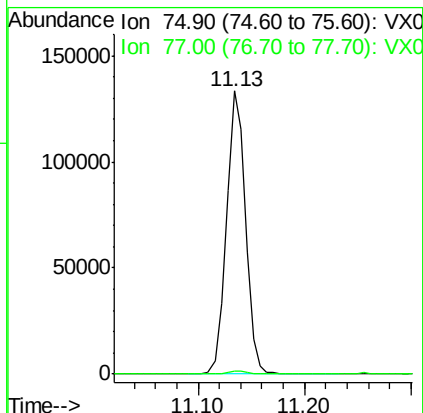
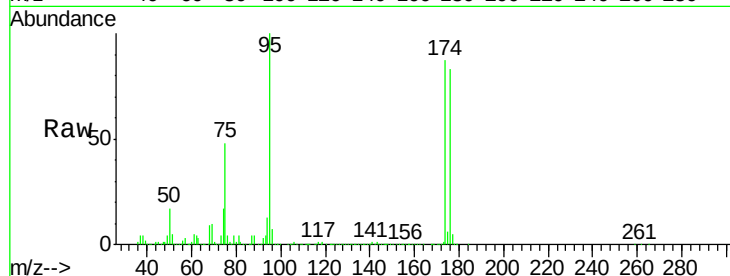
BP-TT-TB01-20190129

Tot Ion: 75 Resp: 167454

Ion Ratio Lower Upper

75 100

77 1.4 23.0 69.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.451 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007336.D

Acq: 01 Feb 2019 15:07

Tgt Ion: 75 Resp: 167454

Ion Ratio Lower Upper

75 100

53 0.4 81.0 121.6#

89 0.0 41.4 62.0#

