

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020419\
 Data File : VX007353.D
 Acq On : 04 Feb 2019 12:30
 Operator : JC/SP
 Sample : K1296-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202I-20190129

Quant Time: Feb 04 23:56:55 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	529538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	821347	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	770275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	372219	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	283692	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
35) Dibromofluoromethane	5.50	113	263170	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
50) Toluene-d8	8.71	98	980750	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.13	95	346868	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	

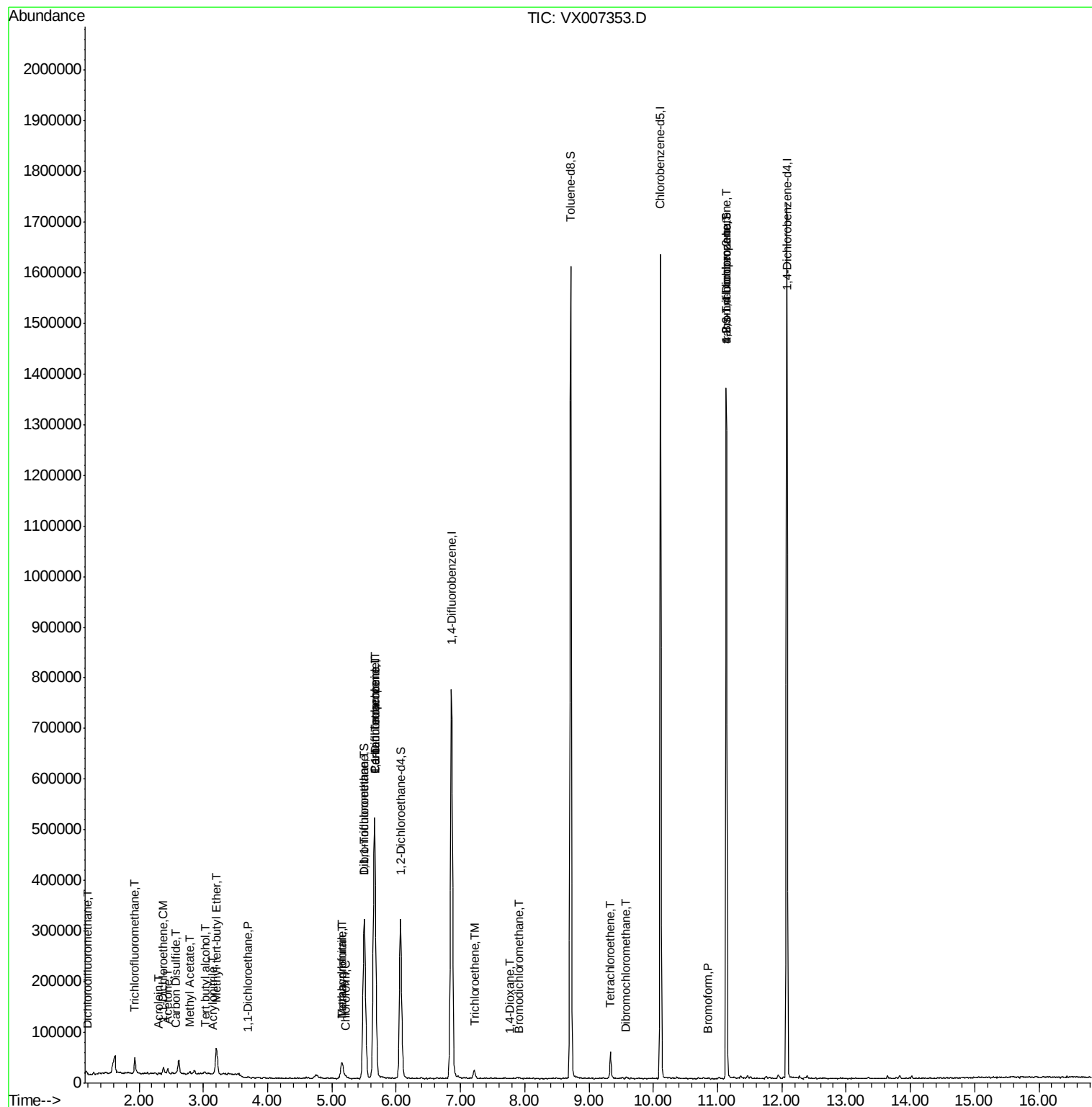
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	925	0.319	ug/l	98
5) Bromomethane	1.65	94	929	Below Cal		90
7) Trichlorofluoromethane	1.93	101	22599	2.469	ug/l	100
11) Tert butyl alcohol	3.03	59	2661	2.288	ug/l #	73
12) 1,1-Dichloroethene	2.38	96	5180	1.025	ug/l	87
13) Acrolein	2.31	56	361	0.662	ug/l #	34
15) Acrylonitrile	3.14	53	955	0.332	ug/l #	78
16) Acetone	2.45	43	7860	3.053	ug/l	92
17) Carbon Disulfide	2.57	76	2856	2.328	ug/l #	86
18) Methyl Acetate	2.79	43	1464	0.809	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	56919	3.475	ug/l	98
20) Methylene Chloride	2.85	84	2020	Below Cal	#	89
24) 1,1-Dichloroethane	3.70	63	2738	0.315	ug/l #	90
29) Tetrahydrofuran	5.17	42	28874	12.530	ug/l	98
30) Chloroform	5.21	83	4514	0.497	ug/l #	71
32) 1,1,1-Trichloroethane	5.50	97	2950	0.385	ug/l #	45
36) 1,1-Dichloropropene	5.67	75	33382	4.530	ug/l #	50
38) Carbon Tetrachloride	5.66	117	48965	6.849	ug/l #	16
41) Methacrylonitrile	5.17	41	17795	4.457	ug/l #	46
44) Trichloroethene	7.21	130	6305	0.964	ug/l	99
47) Bromodichloromethane	7.90	83	1459	0.218	ug/l #	80
49) 1,4-Dioxane	7.77	88	402	9.931	ug/l #	1
60) Dibromochloromethane	9.59	129	1130	0.205	ug/l	89
64) Tetrachloroethene	9.34	164	10347	1.425	ug/l	93
71) Bromoform	10.85	173	561	4.134	ug/l #	29
76) 1,2,3-Trichloropropane	11.13	75	167023	23.069	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	167023	69.503	ug/l #	9

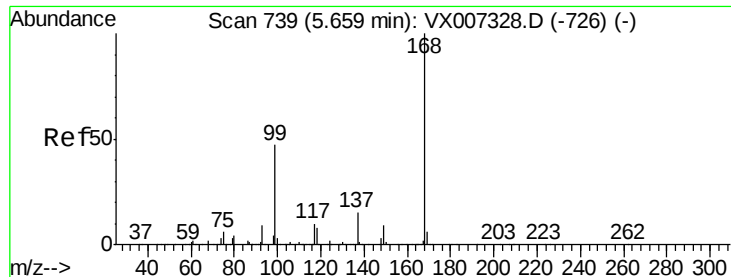
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007353.D

Acq: 04 Feb 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

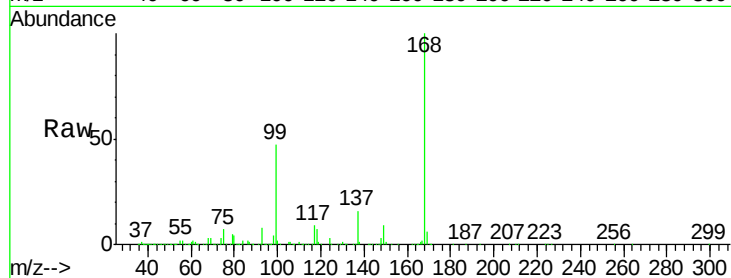
BP-TT-MW202I-20190129

Tot Ion:168 Resp: 529538

Ion Ratio Lower Upper

168 100

99 46.9 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

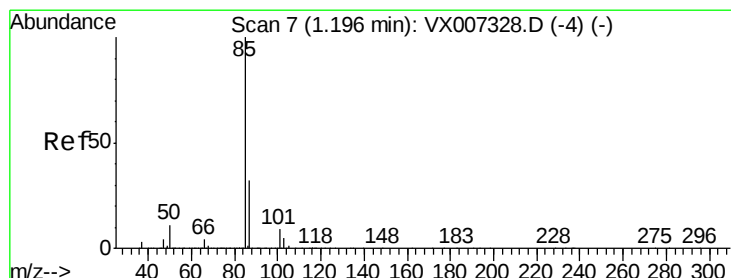
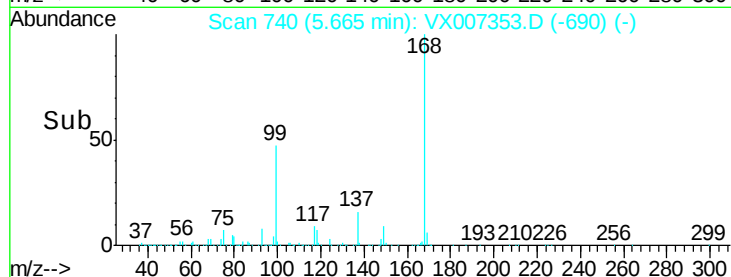
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.319 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007353.D

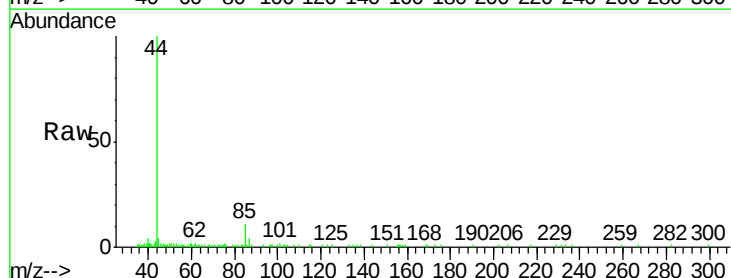
Acq: 04 Feb 2019 12:30

Tgt Ion: 85 Resp: 925

Ion Ratio Lower Upper

85 100

87 32.9 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

1000

800

600

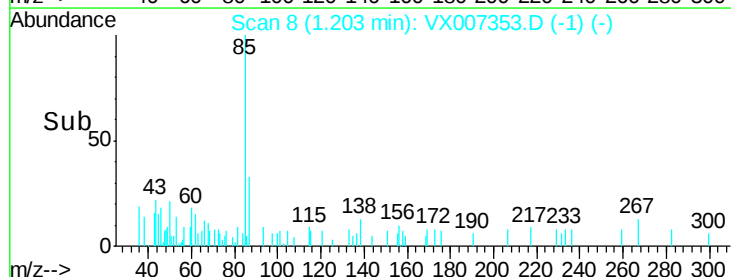
400

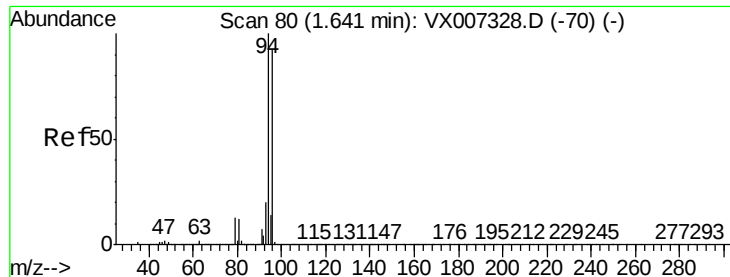
200

0

Time-->

1.16 1.18 1.20 1.22





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

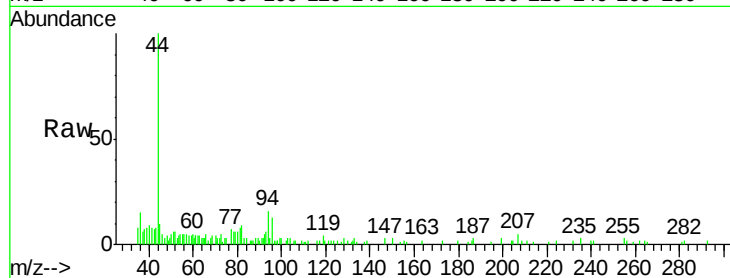
BP-TT-MW202I-20190129

Tot Ion: 94 Resp: 929

Ion Ratio Lower Upper

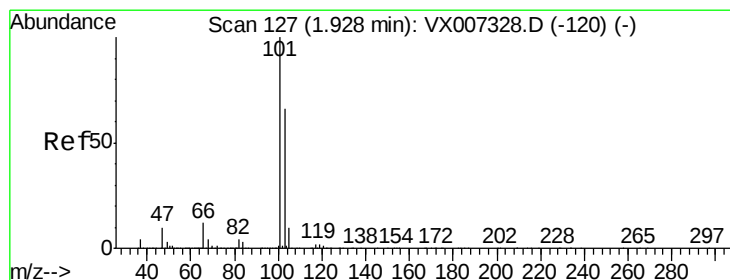
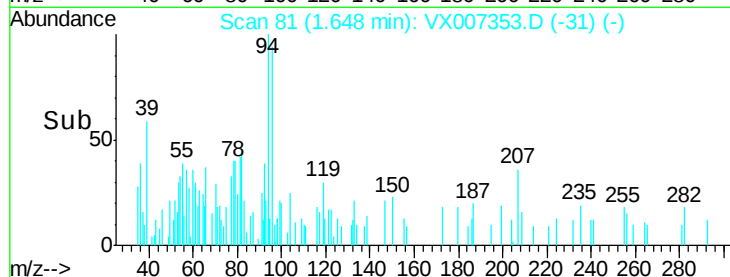
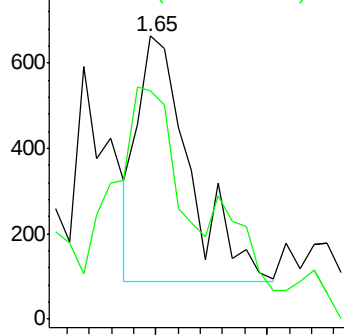
94 100

96 82.6 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#7

Trichlorofluoromethane

Concen: 2.469 ug/l

RT: 1.93 min Scan# 128

Delta R.T. 0.01 min

Lab File: VX007353.D

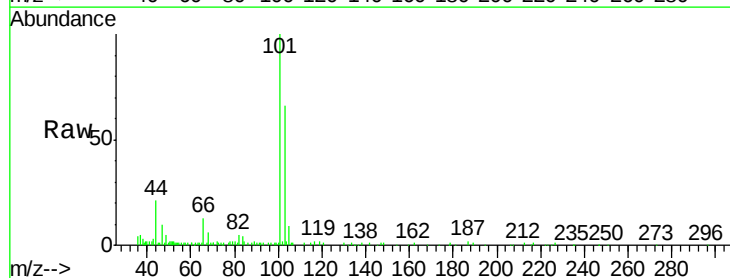
Acq: 04 Feb 2019 12:30

Tgt Ion: 101 Resp: 22599

Ion Ratio Lower Upper

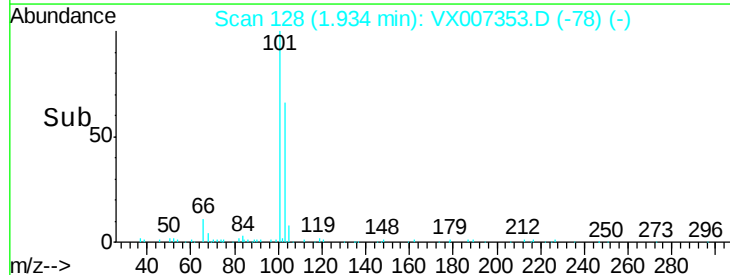
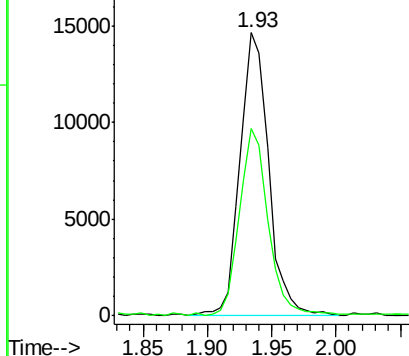
101 100

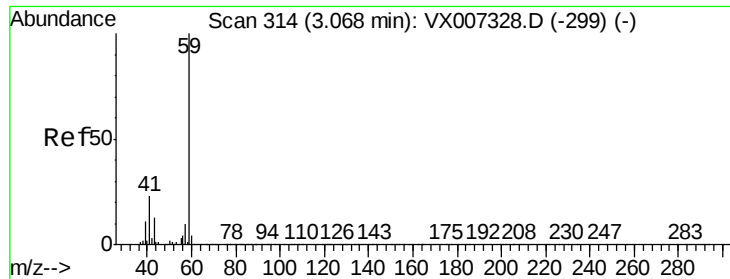
103 66.1 52.6 79.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

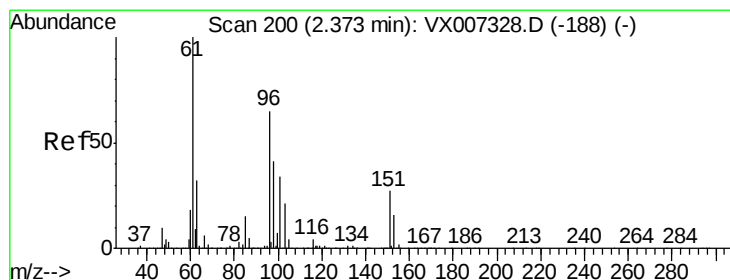
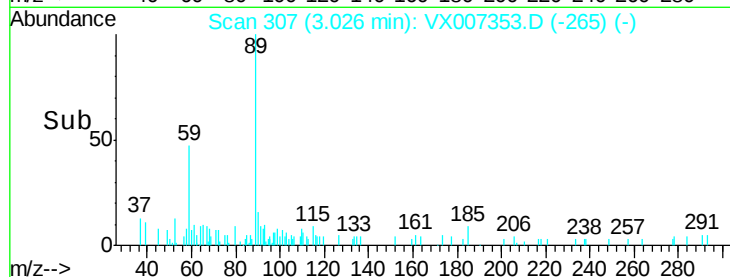
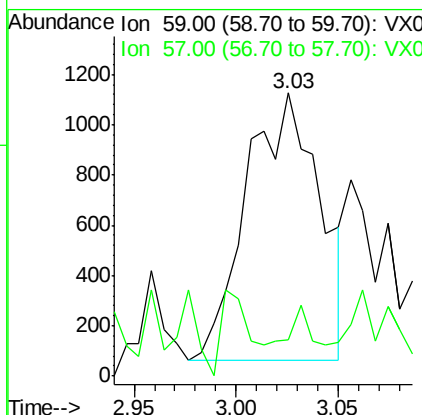
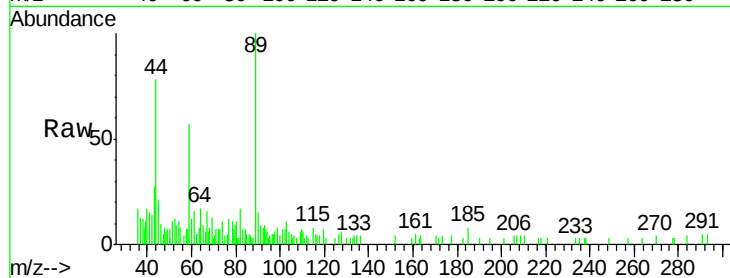




#11
Tert butyl alcohol
Concen: 2.288 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.04 min
Lab File: VX007353.D
Acq: 04 Feb 2019 12:30

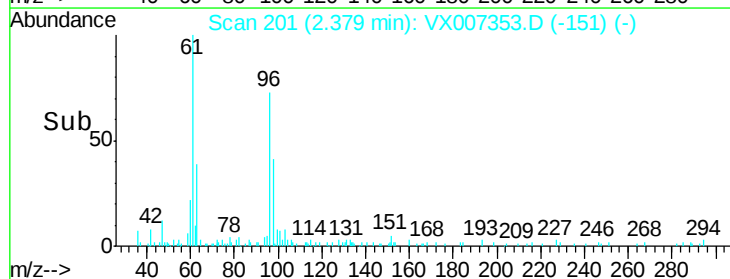
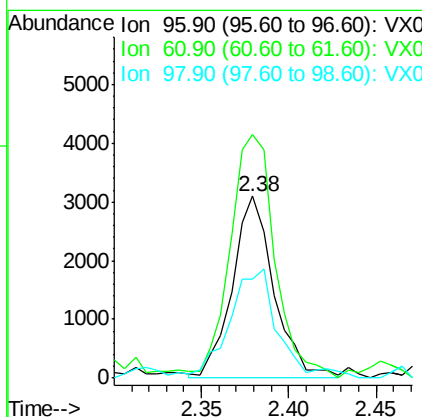
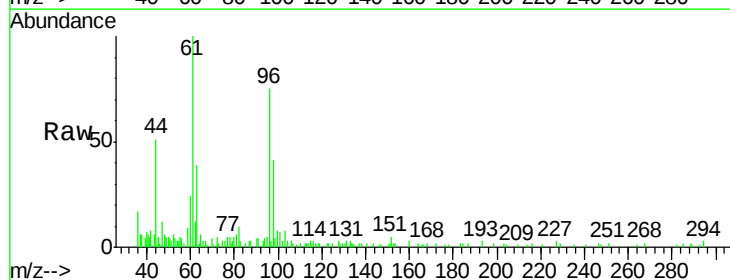
Instrument :
MSVOA_X
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BP-TT-MW202I-20190129

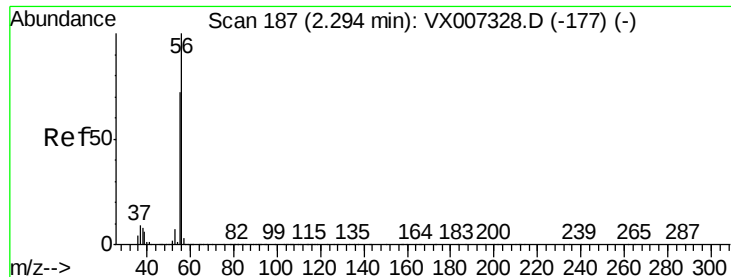
Tot Ion: 59 Resp: 2661
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 1.025 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007353.D
Acq: 04 Feb 2019 12:30

Tgt Ion: 96 Resp: 5180
Ion Ratio Lower Upper
96 100
61 136.4 123.0 184.4
98 53.0 50.9 76.3





#13

Acrolein

Concen: 0.662 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

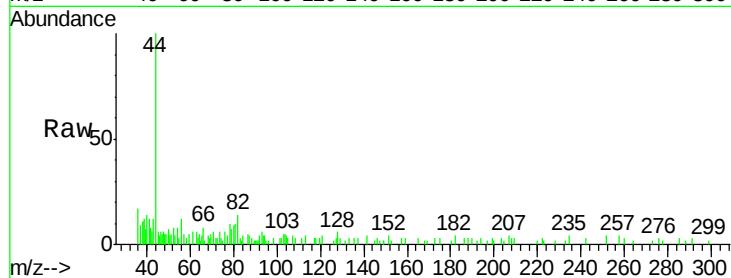
BP-TT-MW202I-20190129

Tot Ion: 56 Resp: 361

Ion Ratio Lower Upper

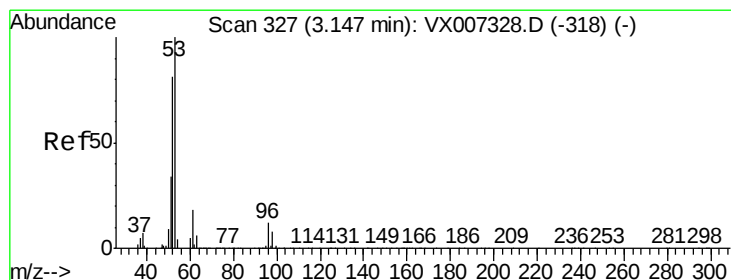
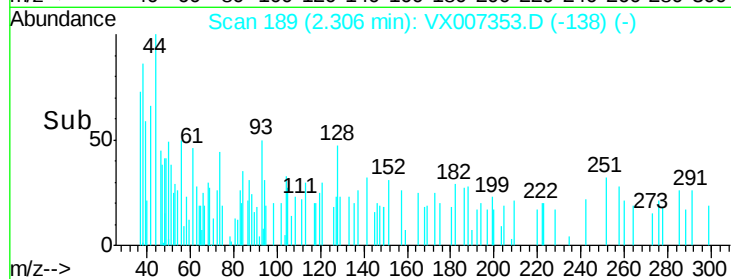
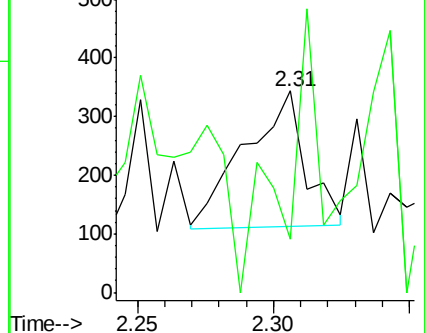
56 100

55 126.0 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.332 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

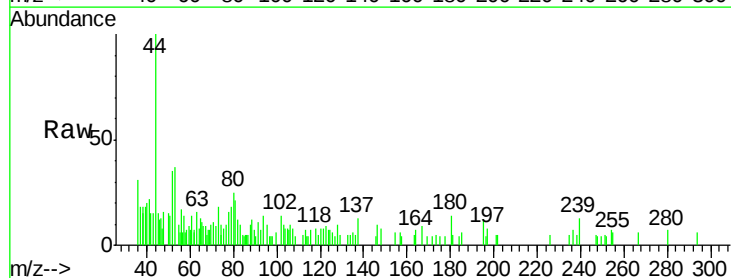
Tgt Ion: 53 Resp: 955

Ion Ratio Lower Upper

53 100

52 95.3 66.4 99.6

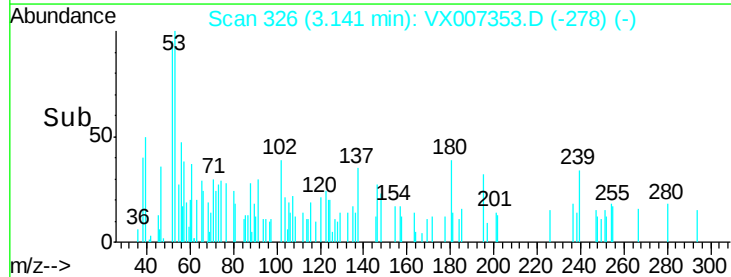
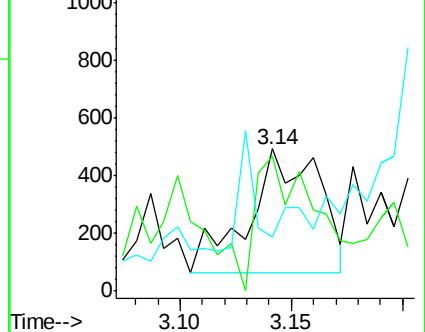
51 11.9 28.4 42.6#

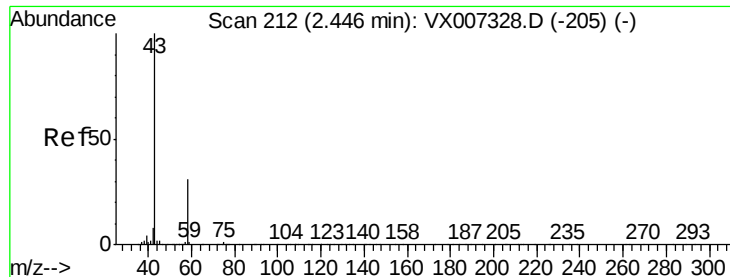


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 3.053 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

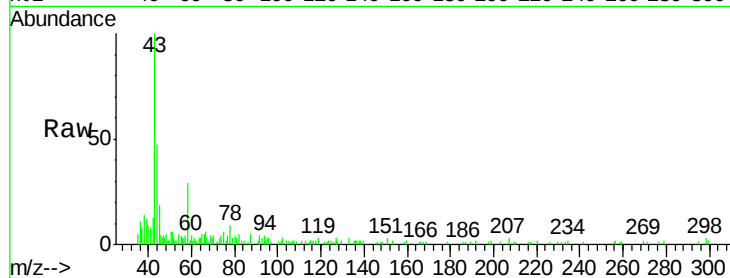
BP-TT-MW202I-20190129

Tot Ion: 43 Resp: 7860

Ion Ratio Lower Upper

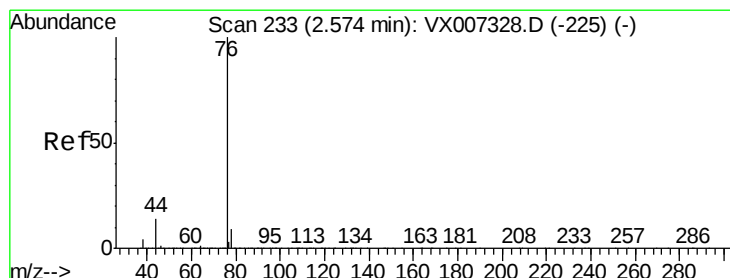
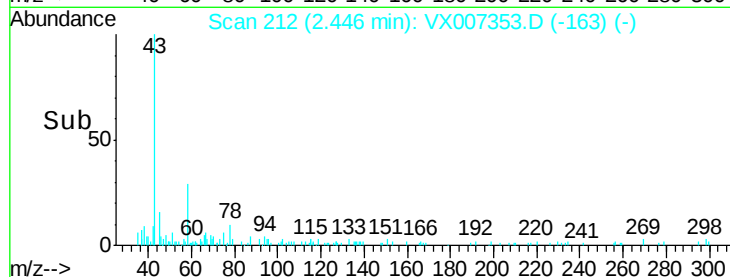
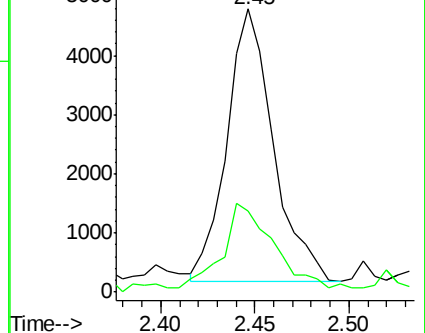
43 100

58 26.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 2.328 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007353.D

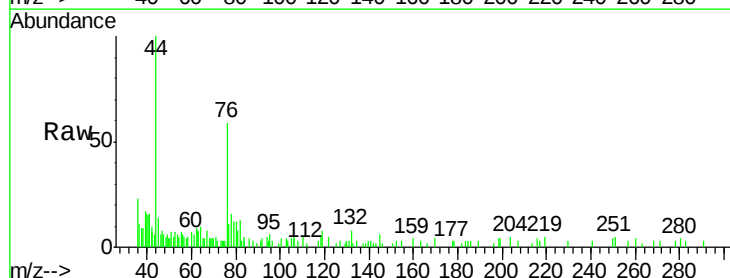
Acq: 04 Feb 2019 12:30

Tgt Ion: 76 Resp: 2856

Ion Ratio Lower Upper

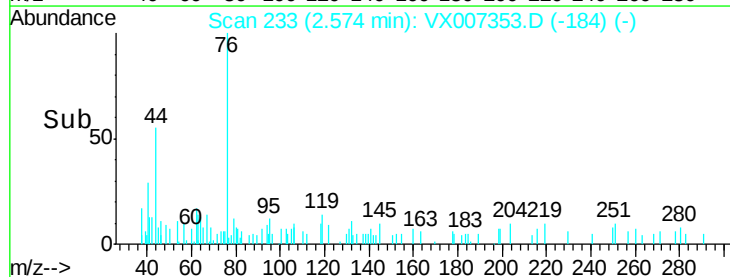
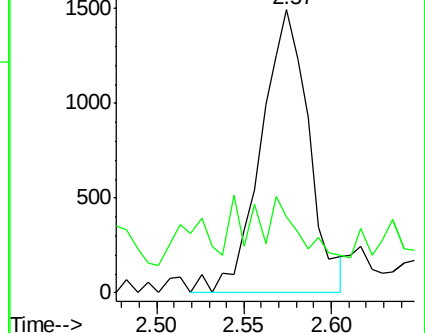
76 100

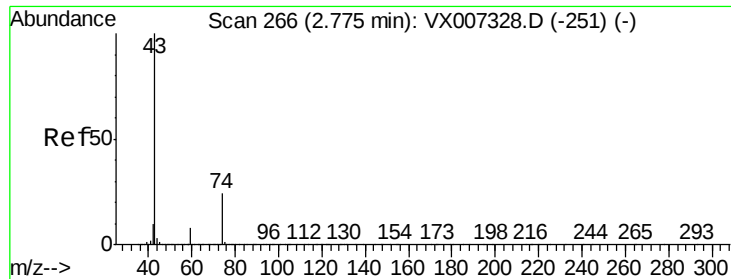
78 13.9 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

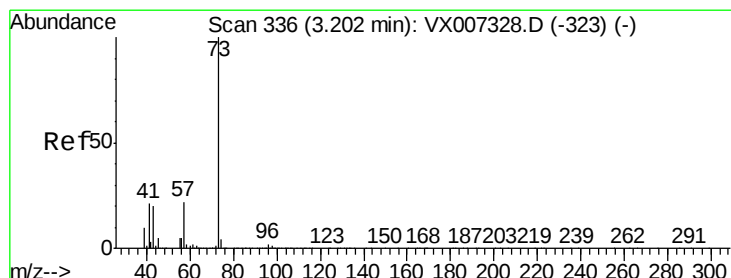
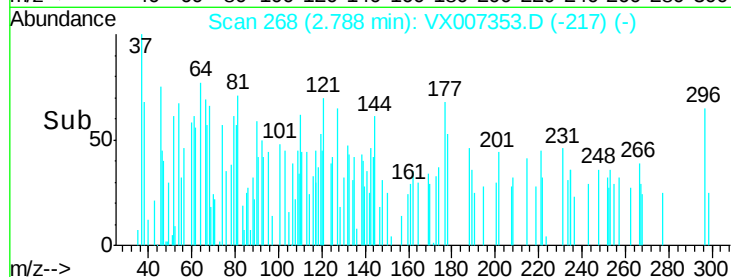
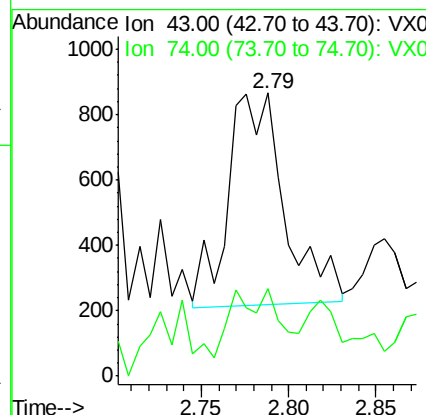
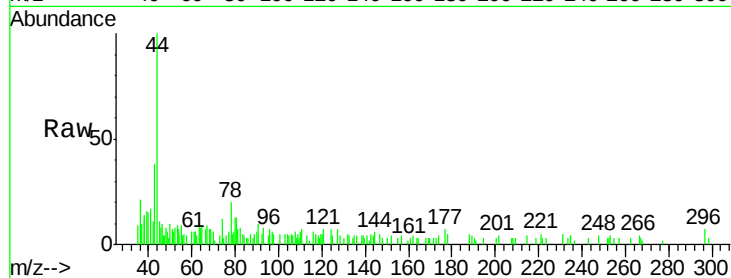




#18
Methyl Acetate
Concen: 0.809 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX007353.D
Acq: 04 Feb 2019 12:30

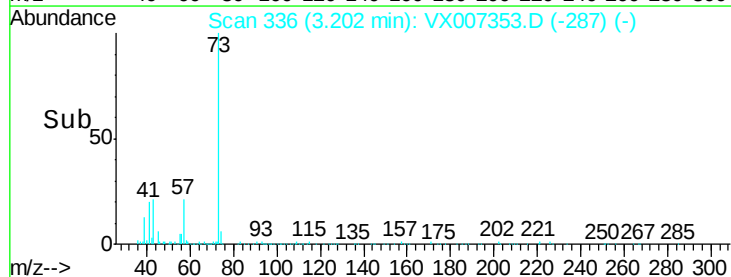
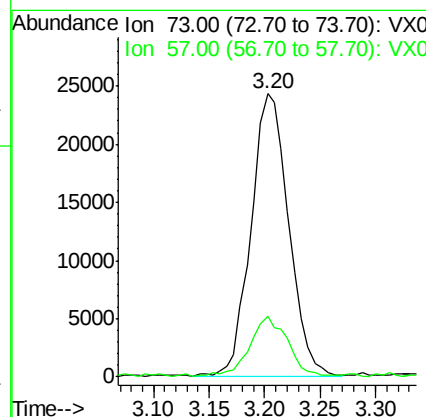
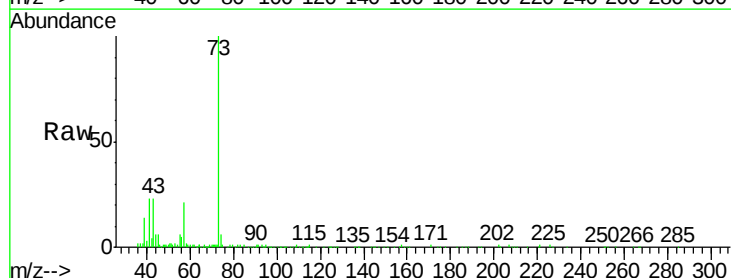
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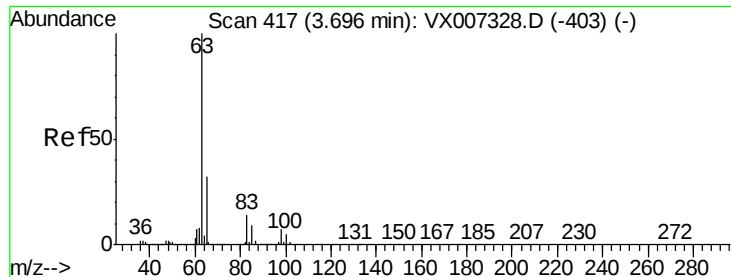
Tot Ion: 43 Resp: 1464
Ion Ratio Lower Upper
43 100
74 26.6 19.4 29.2



#19
Methyl tert-butyl Ether
Concen: 3.475 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007353.D
Acq: 04 Feb 2019 12:30

Tgt Ion: 73 Resp: 56919
Ion Ratio Lower Upper
73 100
57 21.2 17.8 26.8





#24

1,1-Dichloroethane

Concen: 0.315 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202I-20190129

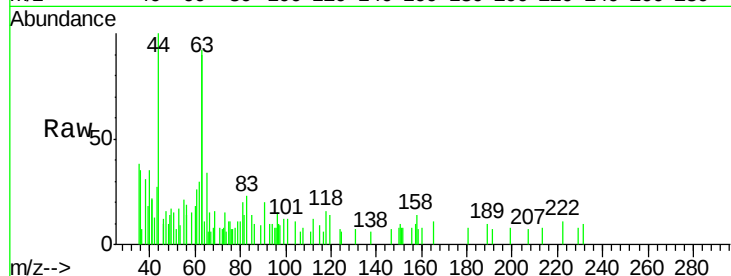
Tot Ion: 63 Resp: 2738

Ion Ratio Lower Upper

63 100

98 4.8 3.6 10.8

100 0.0 2.5 7.4#

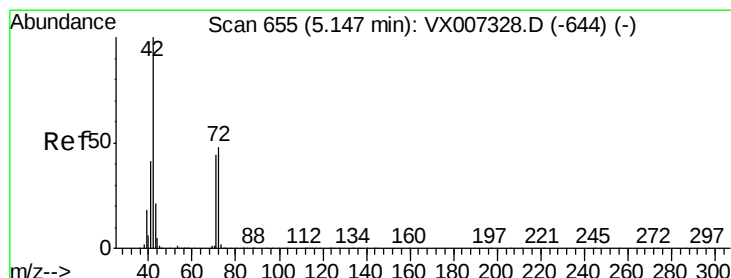
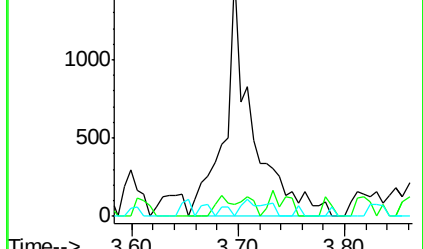
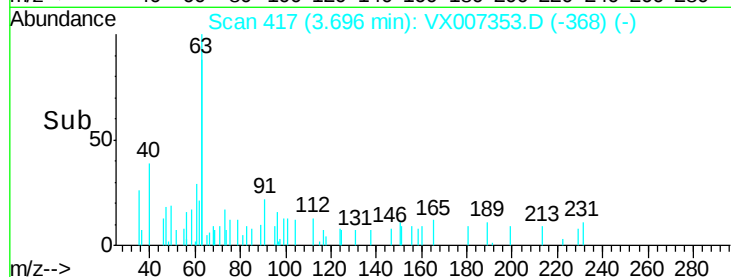


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

Time-->



#29

Tetrahydrofuran

Concen: 12.530 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.02 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

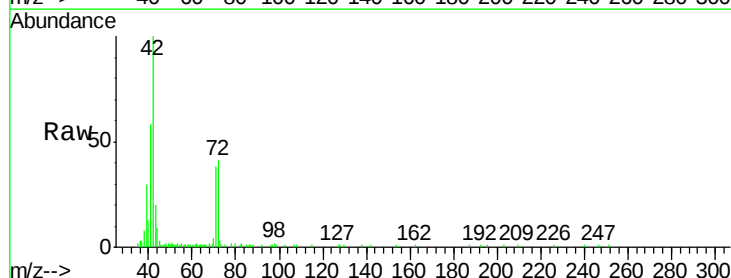
Tgt Ion: 42 Resp: 28874

Ion Ratio Lower Upper

42 100

72 48.3 37.6 56.4

71 44.0 34.6 51.8

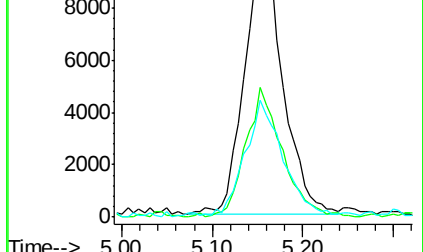
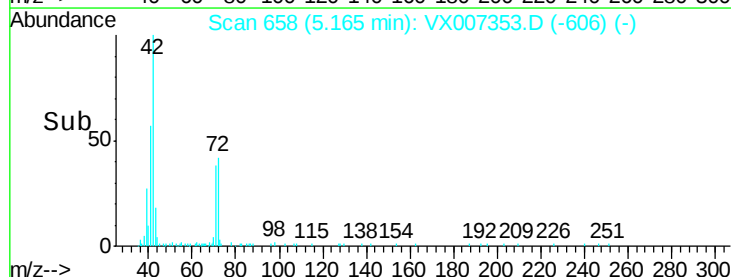


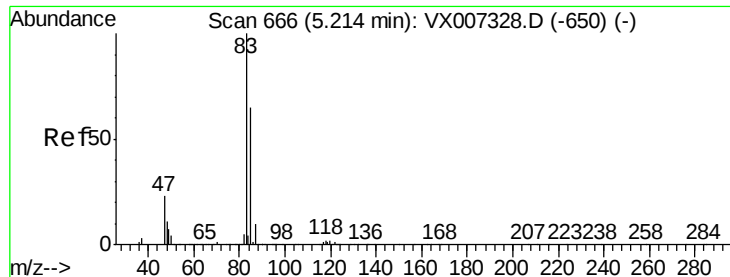
Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

Time-->





#30

Chloroform

Concen: 0.497 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

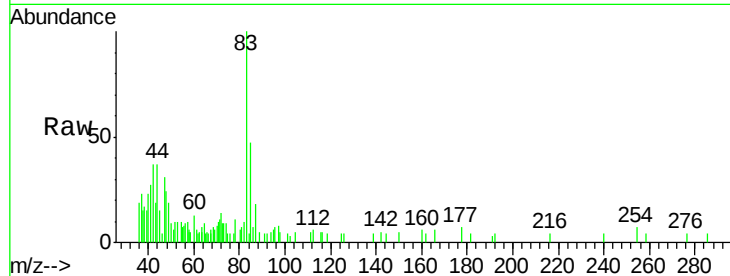
BP-TT-MW202I-20190129

Tot Ion: 83 Resp: 4514

Ion Ratio Lower Upper

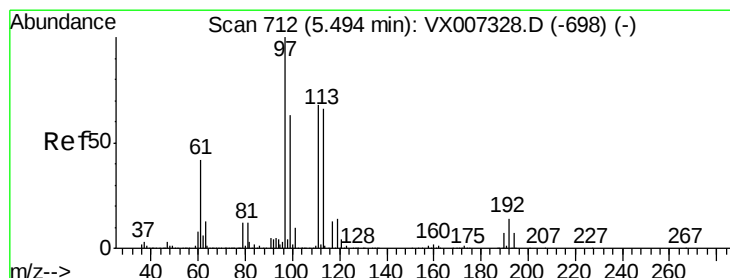
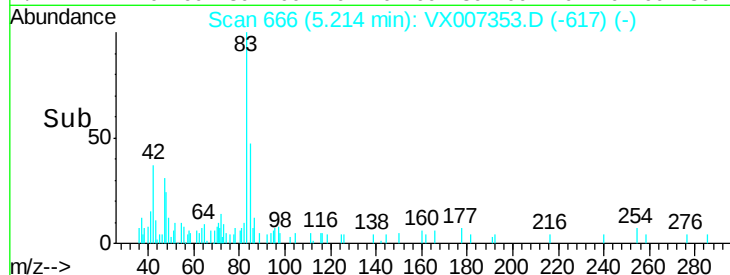
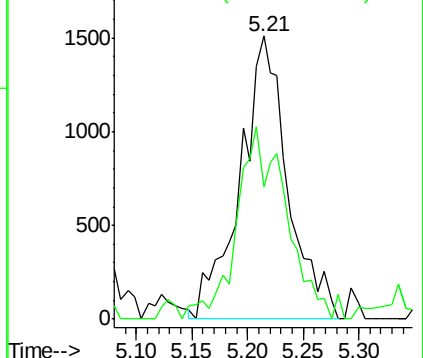
83 100

85 41.9 51.6 77.4#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#32

1,1,1-Trichloroethane

Concen: 0.385 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

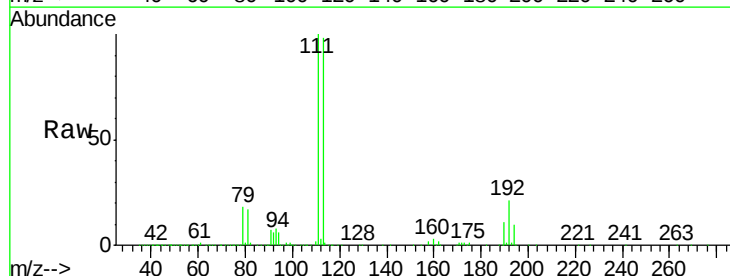
Tgt Ion: 97 Resp: 2950

Ion Ratio Lower Upper

97 100

99 0.0 52.2 78.2#

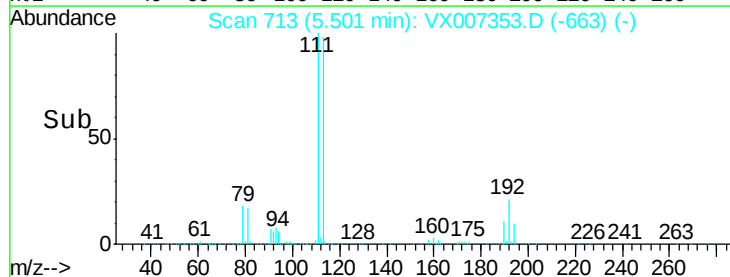
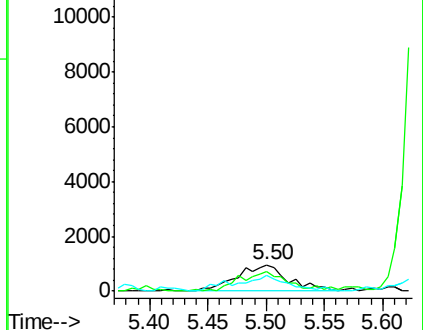
61 34.0 32.7 49.1

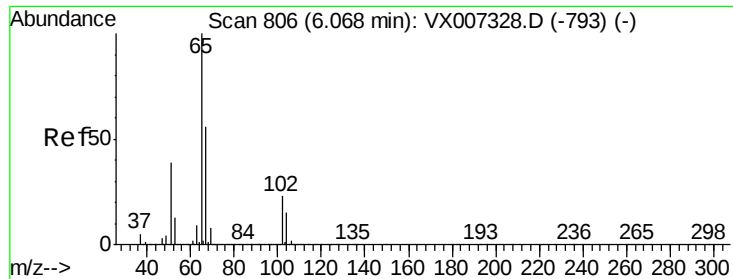


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.473 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

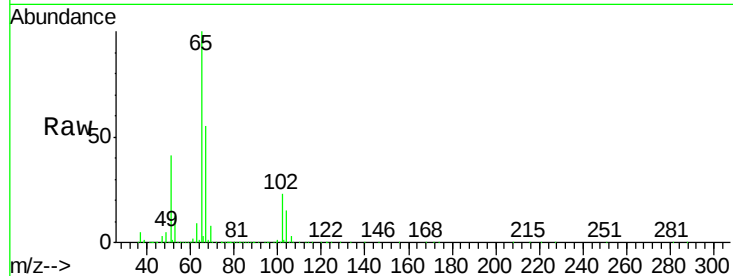
BP-TT-MW202I-20190129

Tot Ion: 65 Resp: 283692

Ion Ratio Lower Upper

65 100

67 54.0 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

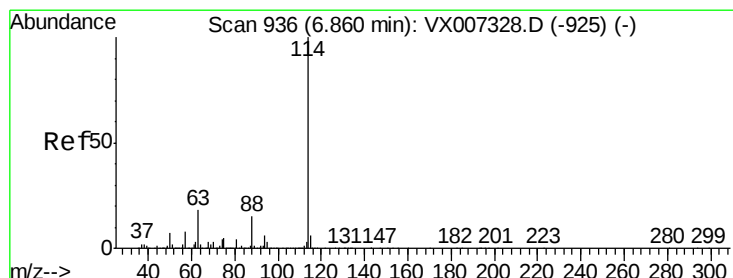
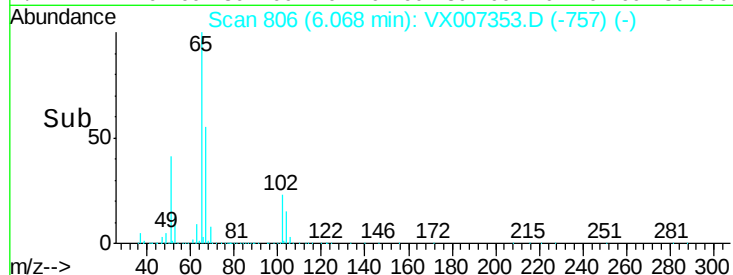
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

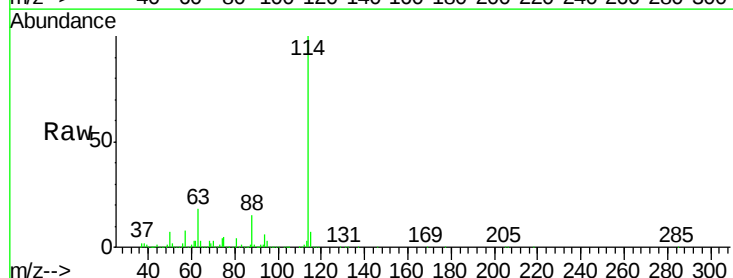
Tgt Ion: 114 Resp: 821347

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

88 15.1 0.0 29.6



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

6.86

400000

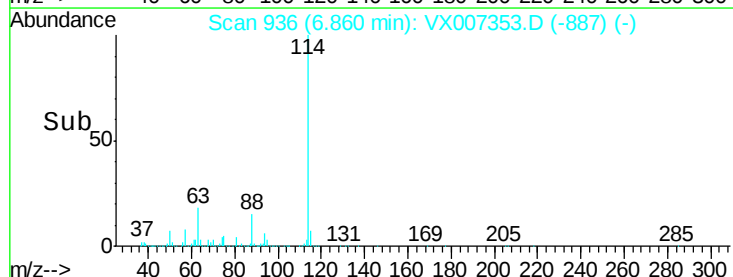
300000

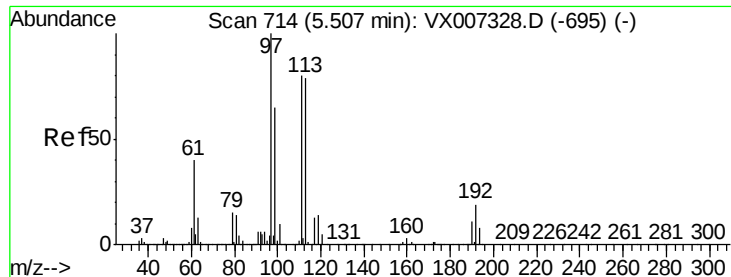
200000

100000

0

Time--> 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.244 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202I-20190129

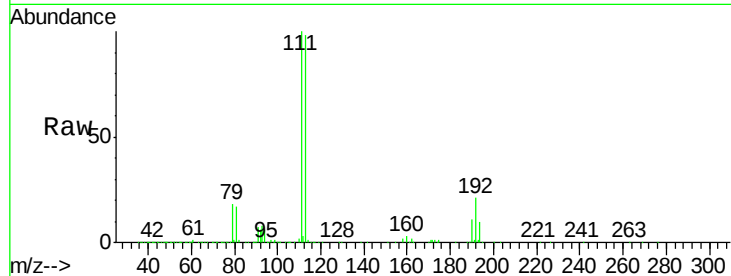
Tot Ion:113 Resp: 263170

Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.8

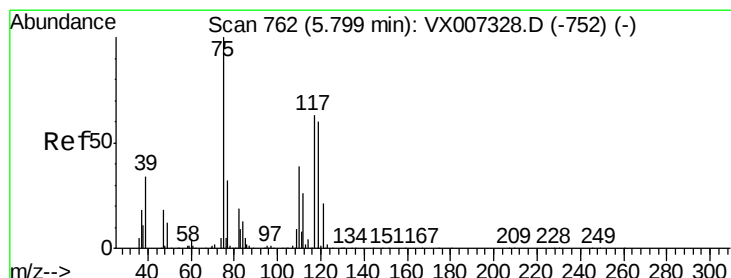
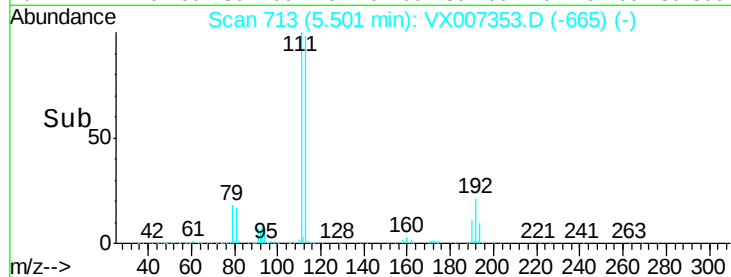
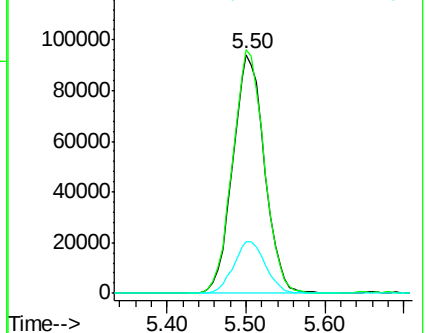
192 21.9 18.5 27.7



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: 4.530 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

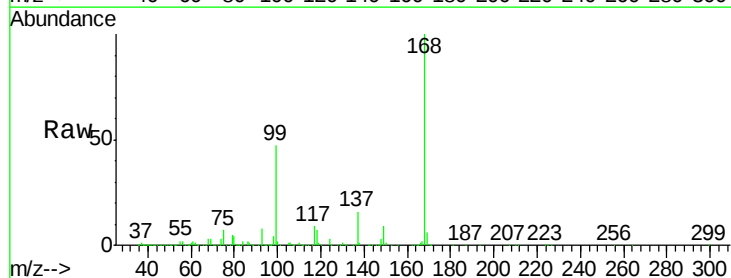
Tgt Ion: 75 Resp: 33382

Ion Ratio Lower Upper

75 100

110 11.4 20.0 59.9#

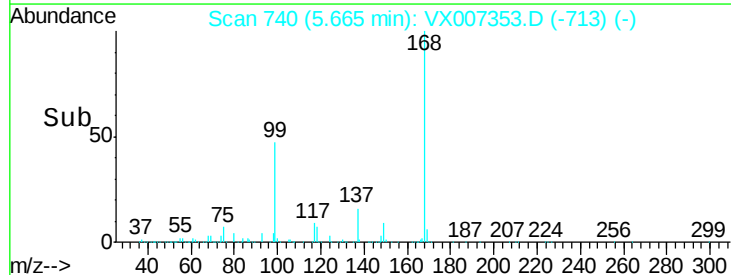
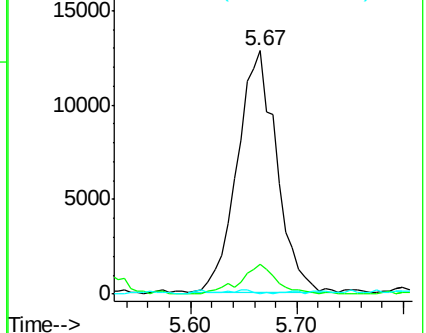
77 0.9 24.7 37.1#

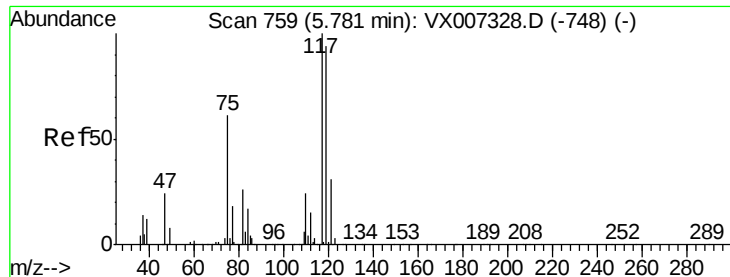


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.849 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202I-20190129

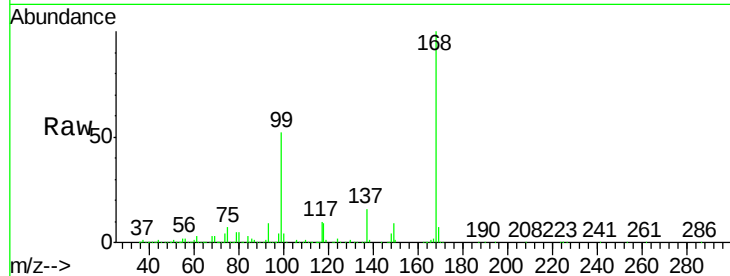
Tot Ion:117 Resp: 48965

Ion Ratio Lower Upper

117 100

119 4.8 75.3 112.9#

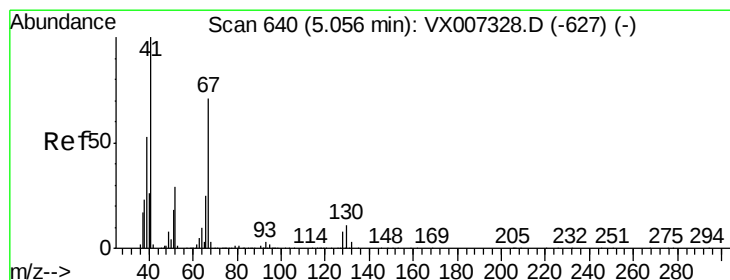
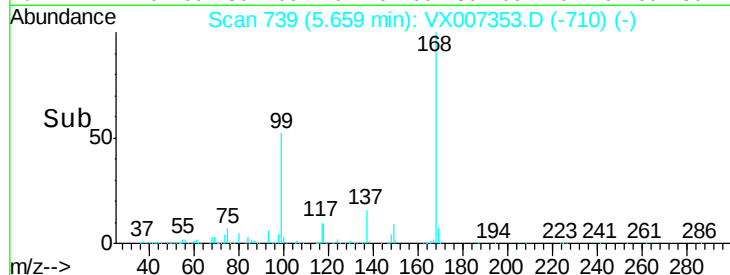
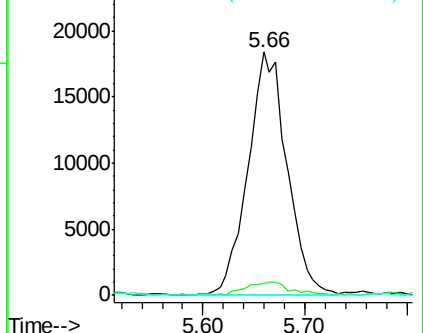
121 0.0 25.0 37.4#



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



#41

Methacrylonitrile

Concen: 4.457 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.11 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

Tgt Ion: 41 Resp: 17795

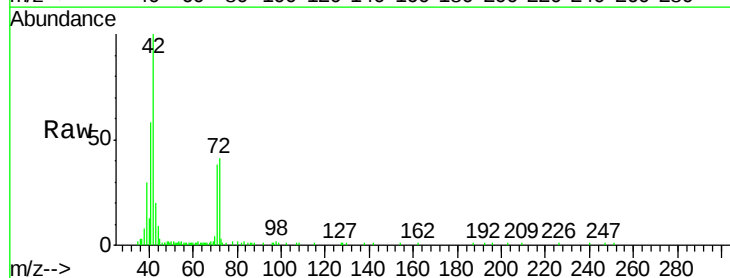
Ion Ratio Lower Upper

41 100

39 48.3 44.5 66.7

67 1.2 60.4 90.6#

52 2.2 24.1 36.1#

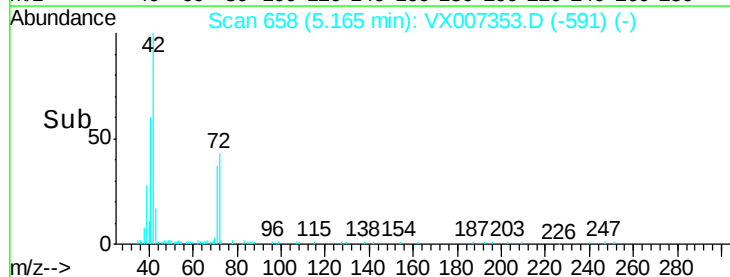
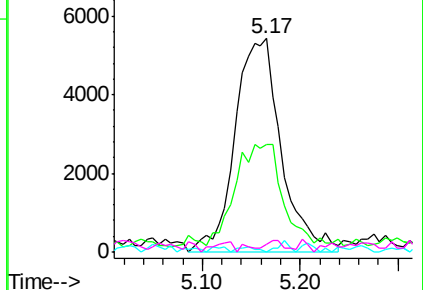


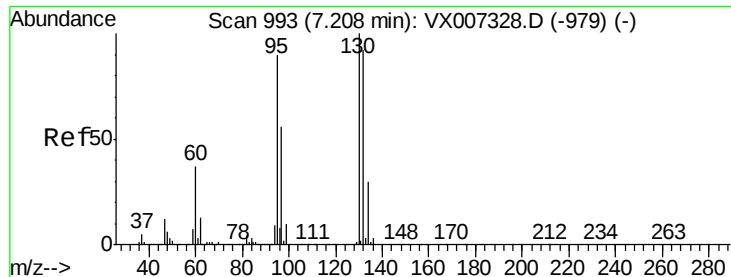
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#44

Trichloroethene

Concen: 0.964 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

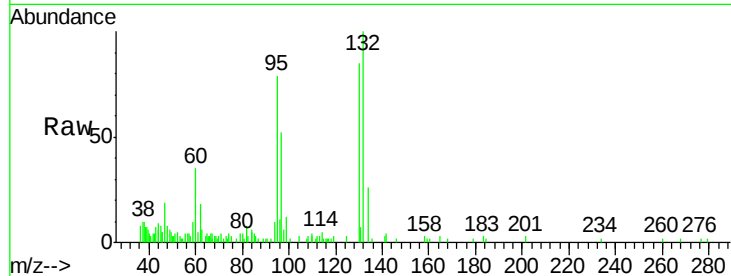
BP-TT-MW202I-20190129

Tot Ion:130 Resp: 6305

Ion Ratio Lower Upper

130 100

95 89.5 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

3000

2500

2000

1500

1000

500

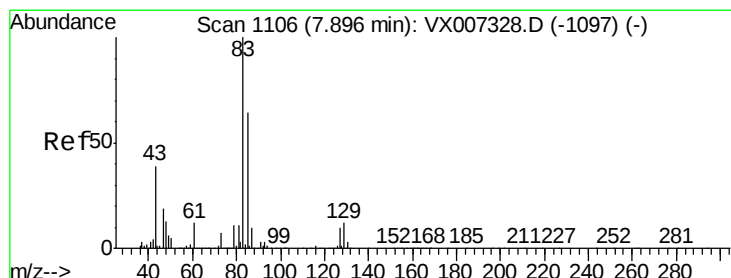
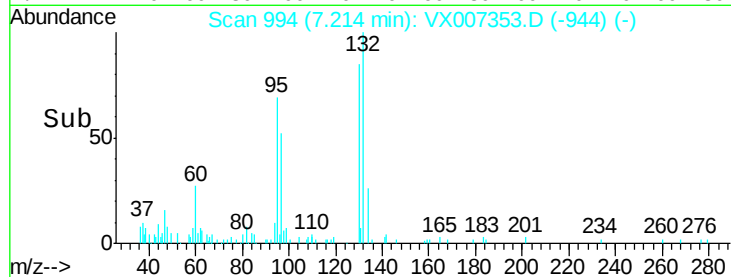
0

7.10

7.20

7.30

Time-->



#47

Bromodichloromethane

Concen: 0.218 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

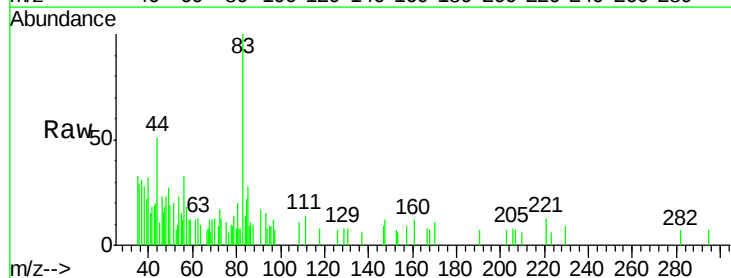
Tgt Ion: 83 Resp: 1459

Ion Ratio Lower Upper

83 100

85 49.8 51.4 77.0#

127 0.0 8.1 12.1#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

7.90

1000

800

600

400

200

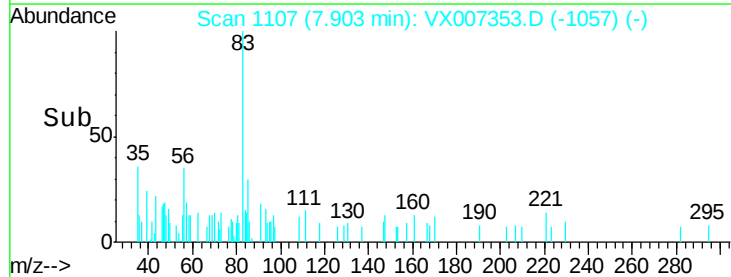
0

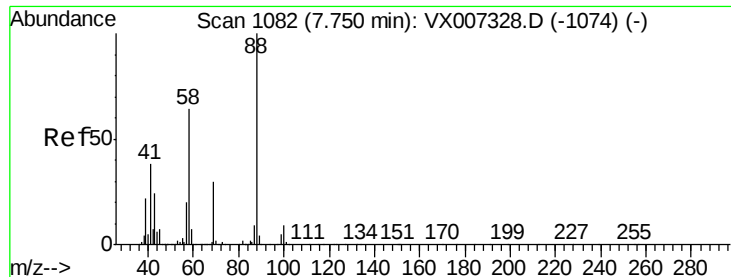
7.85

7.90

7.95

Time-->





#49

1,4-Dioxane

Concen: 9.931 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.02 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202I-20190129

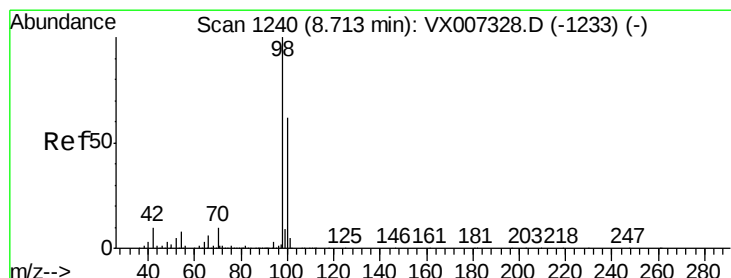
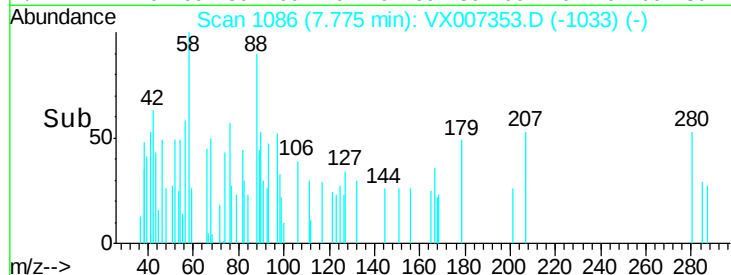
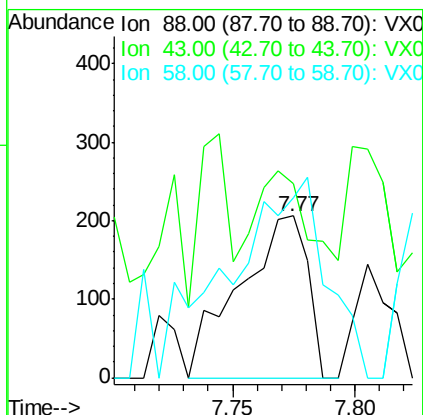
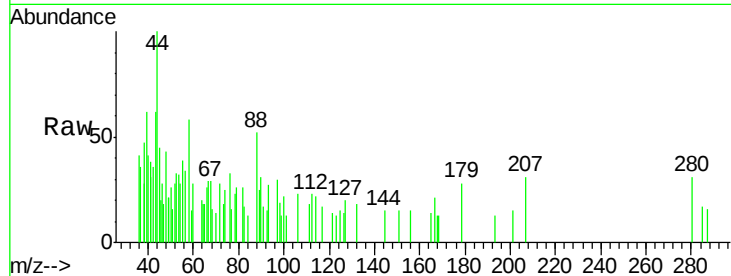
Tot Ion: 88 Resp: 402

Ion Ratio Lower Upper

88 100

43 43.0 24.2 36.4#

58 176.6 53.0 79.4#



#50

Toluene-d8

Concen: 49.463 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007353.D

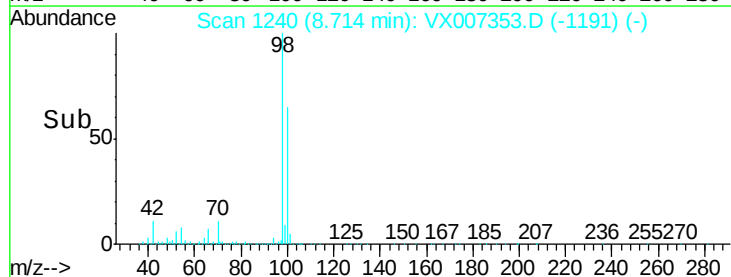
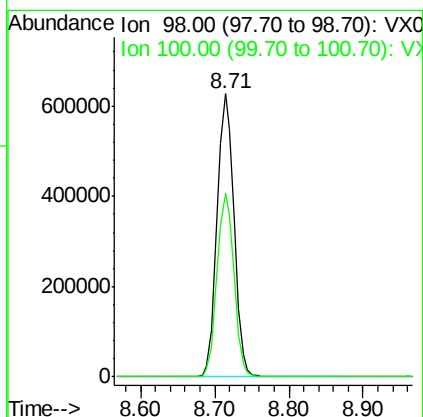
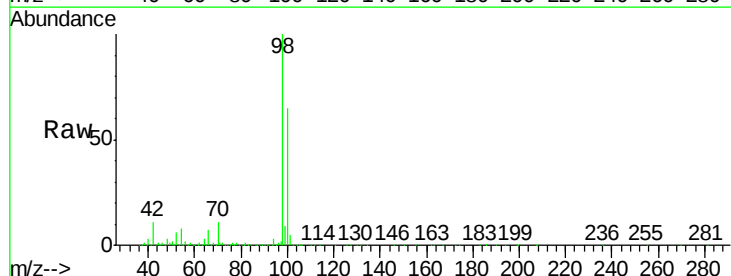
Acq: 04 Feb 2019 12:30

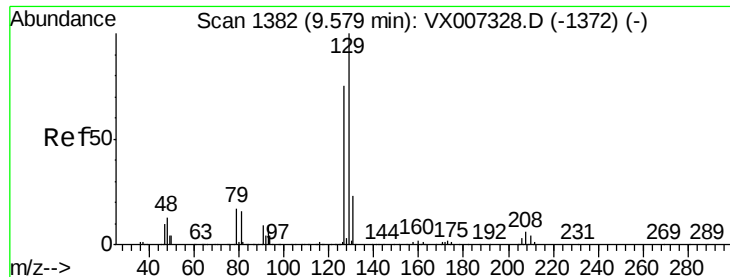
Tgt Ion: 98 Resp: 980750

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4





#60

Dibromochloromethane

Concen: 0.205 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

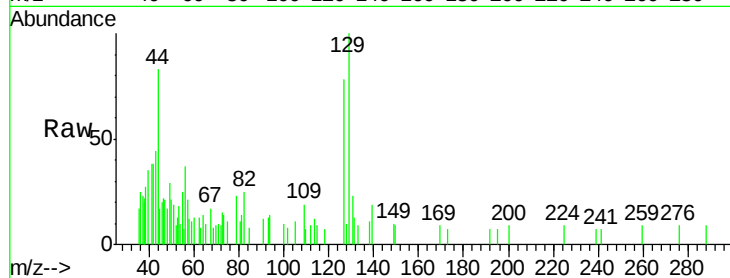
BP-TT-MW202I-20190129

Tot Ion:129 Resp: 1130

Ion Ratio Lower Upper

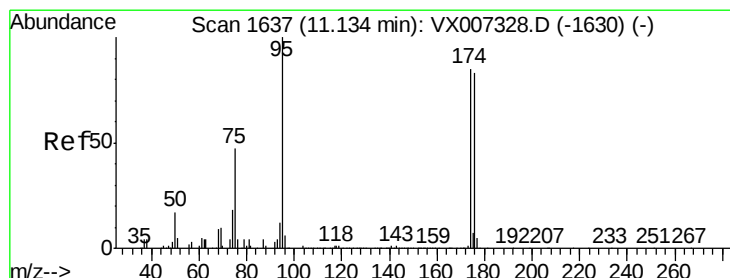
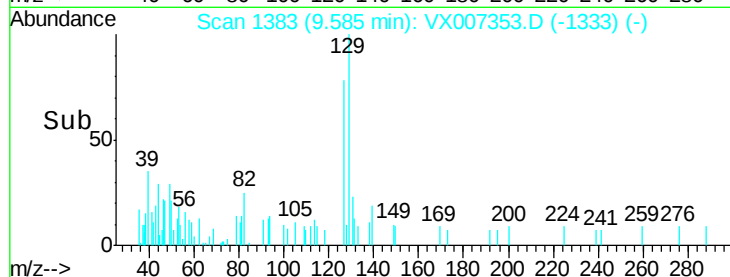
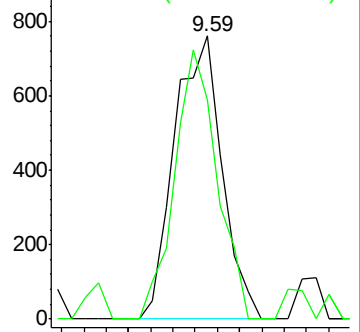
129 100

127 85.2 37.8 113.4



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 47.915 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

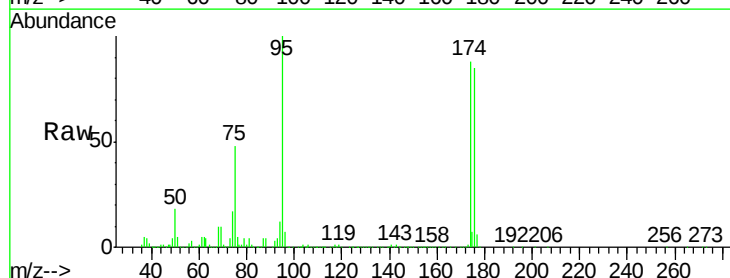
Tgt Ion: 95 Resp: 346868

Ion Ratio Lower Upper

95 100

174 93.8 0.0 189.2

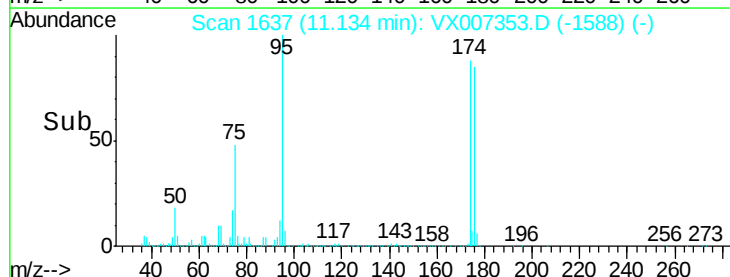
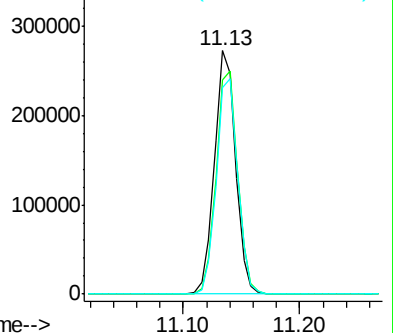
176 89.9 0.0 186.2

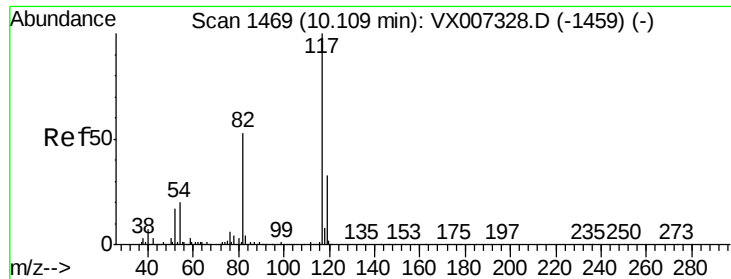


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202I-20190129

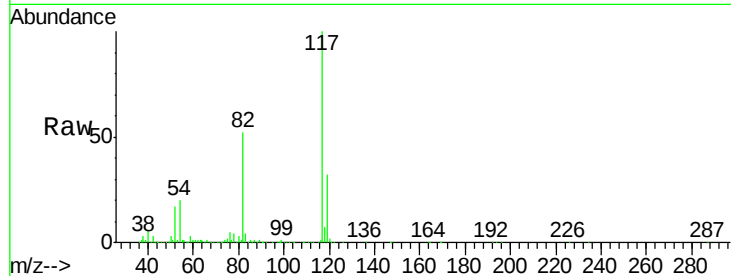
Tot Ion:117 Resp: 770275

Ion Ratio Lower Upper

117 100

82 51.9 42.1 63.1

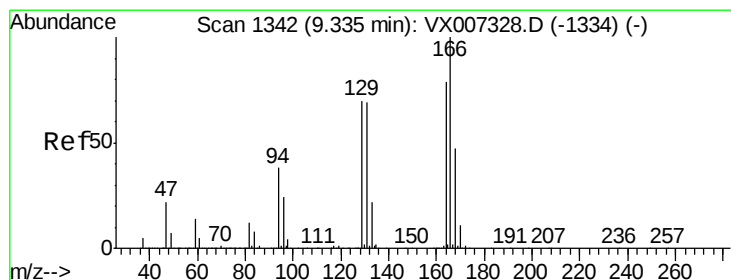
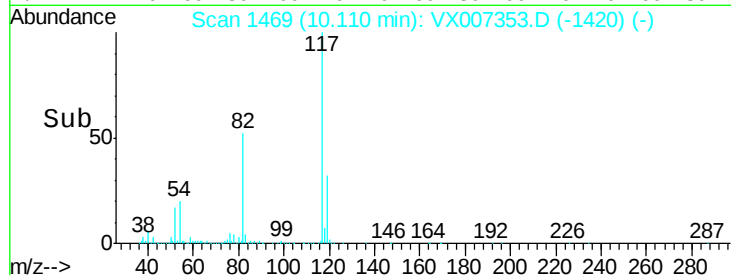
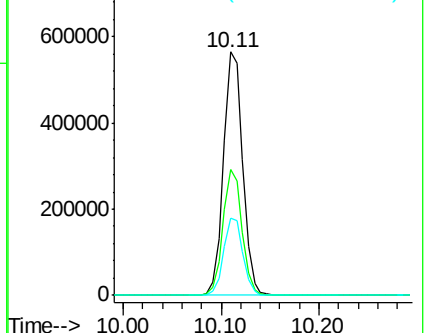
119 31.5 26.5 39.7



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



#64

Tetrachloroethene

Concen: 1.425 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

Tgt Ion:164 Resp: 10347

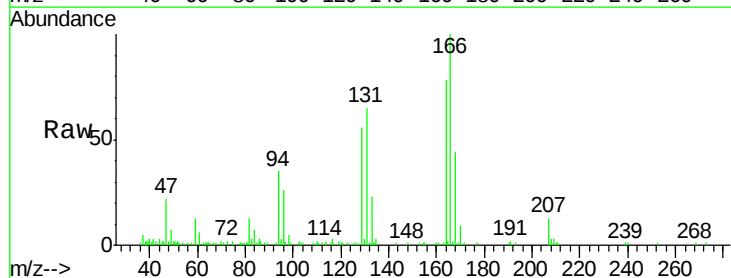
Ion Ratio Lower Upper

164 100

166 127.7 101.0 151.4

129 70.8 70.5 105.7

131 82.5 69.8 104.6

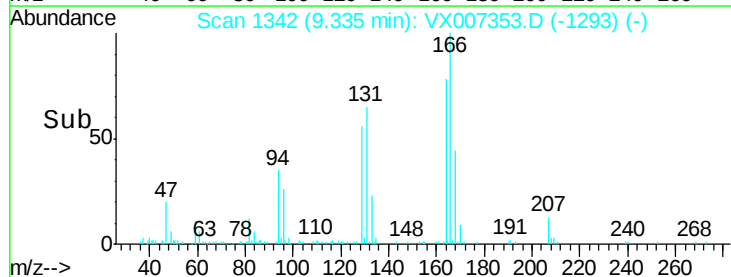
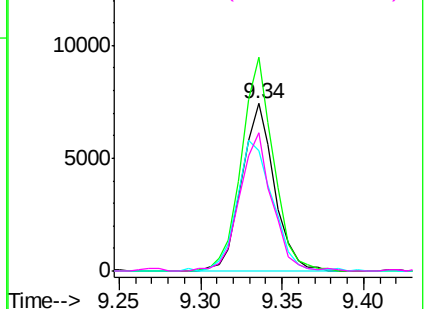


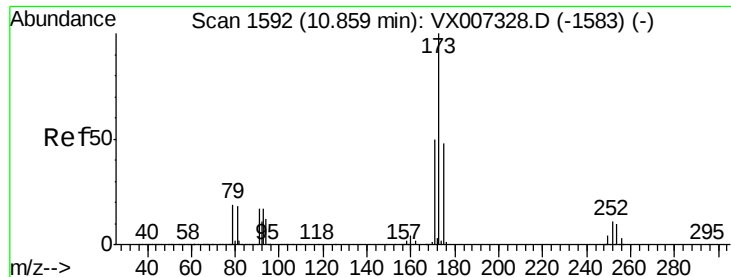
Abundance Ion 163.80 (163.50 to 164.50): V

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





#71

Bromoform

Concen: 4.134 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202I-20190129

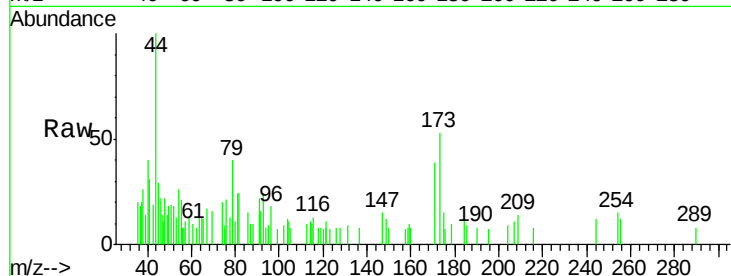
Tot Ion:173 Resp: 561

Ion Ratio Lower Upper

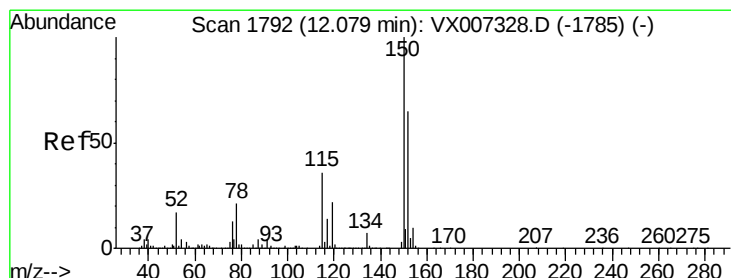
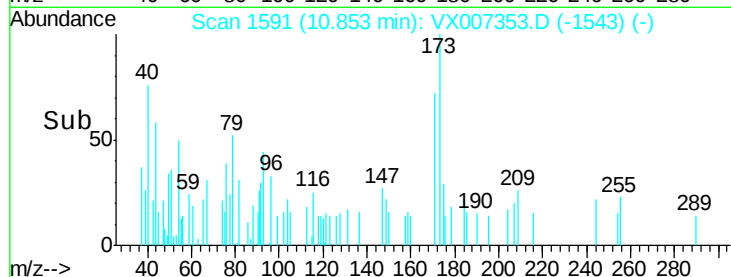
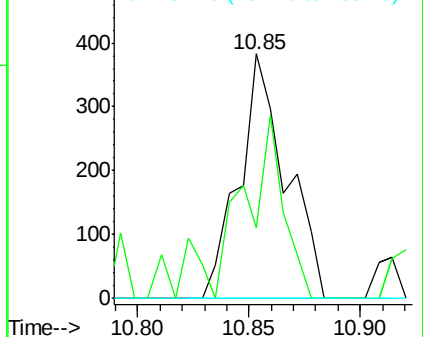
173 100

175 0.0 24.2 72.6#

254 0.0 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: VX007353.D

Acq: 04 Feb 2019 12:30

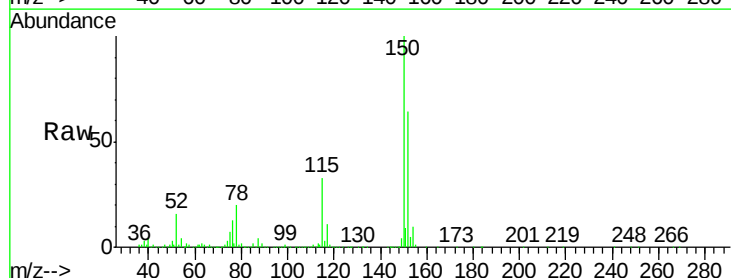
Tgt Ion:152 Resp: 372219

Ion Ratio Lower Upper

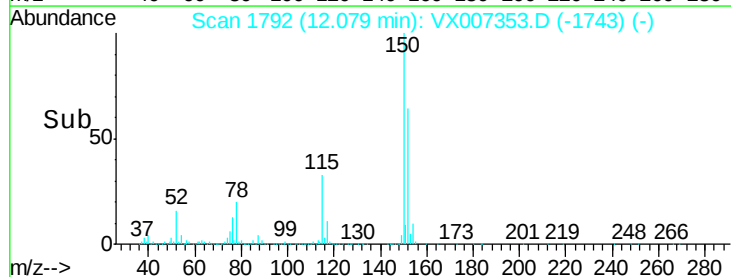
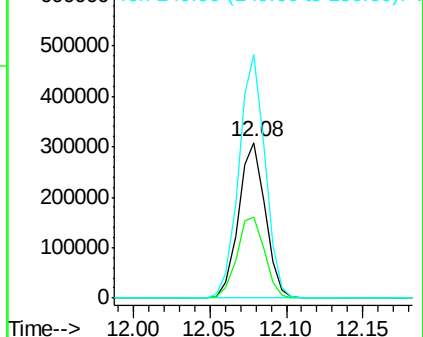
152 100

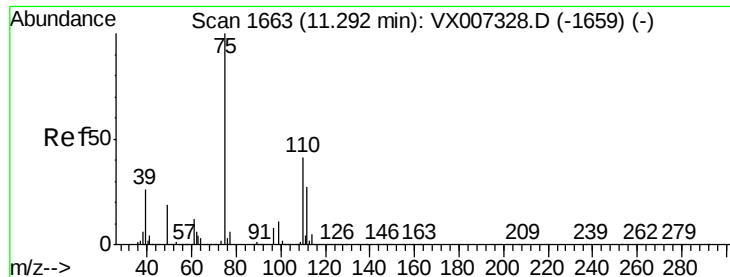
115 54.1 38.0 114.0

150 154.5 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: 23.069 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

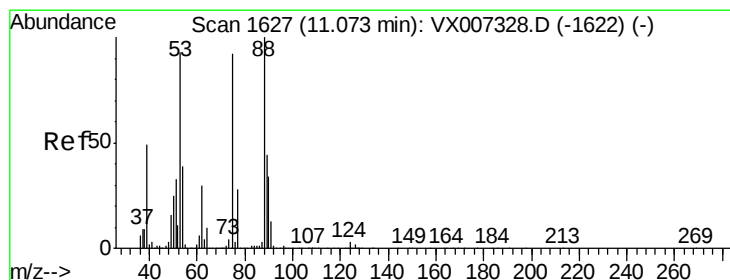
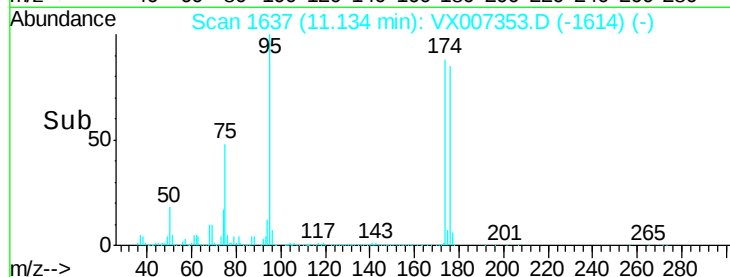
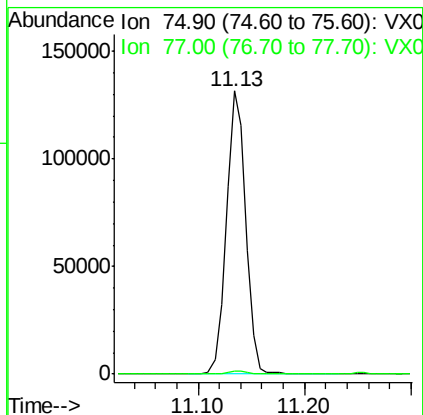
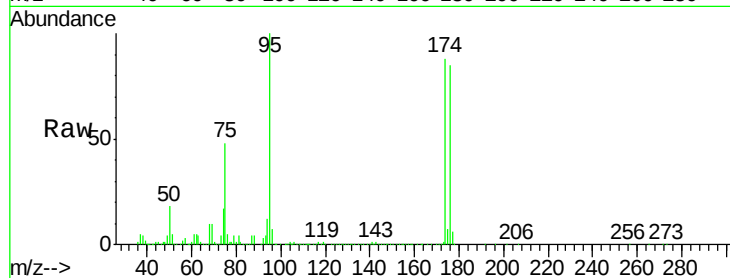
BP-TT-MW202I-20190129

Tot Ion: 75 Resp: 167023

Ion Ratio Lower Upper

75 100

77 1.5 23.0 69.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.503 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

Tgt Ion: 75 Resp: 167023

Ion Ratio Lower Upper

75 100

53 0.3 81.0 121.6#

89 0.1 41.4 62.0#

