

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032419\
 Data File : VX008399.D
 Acq On : 24 Mar 2019 18:01
 Operator : JC/SP
 Sample : K1969-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW203I-20190315

Quant Time: Mar 25 05:47:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	218061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	376110	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	325624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133309	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	162226	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
35) Dibromofluoromethane	5.50	113	117940	48.40	ug/l	0.00
Spiked Amount			Recovery	=	96.80%	
50) Toluene-d8	8.71	98	473952	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.13	95	159503	45.07	ug/l	0.00
Spiked Amount			Recovery	=	90.14%	

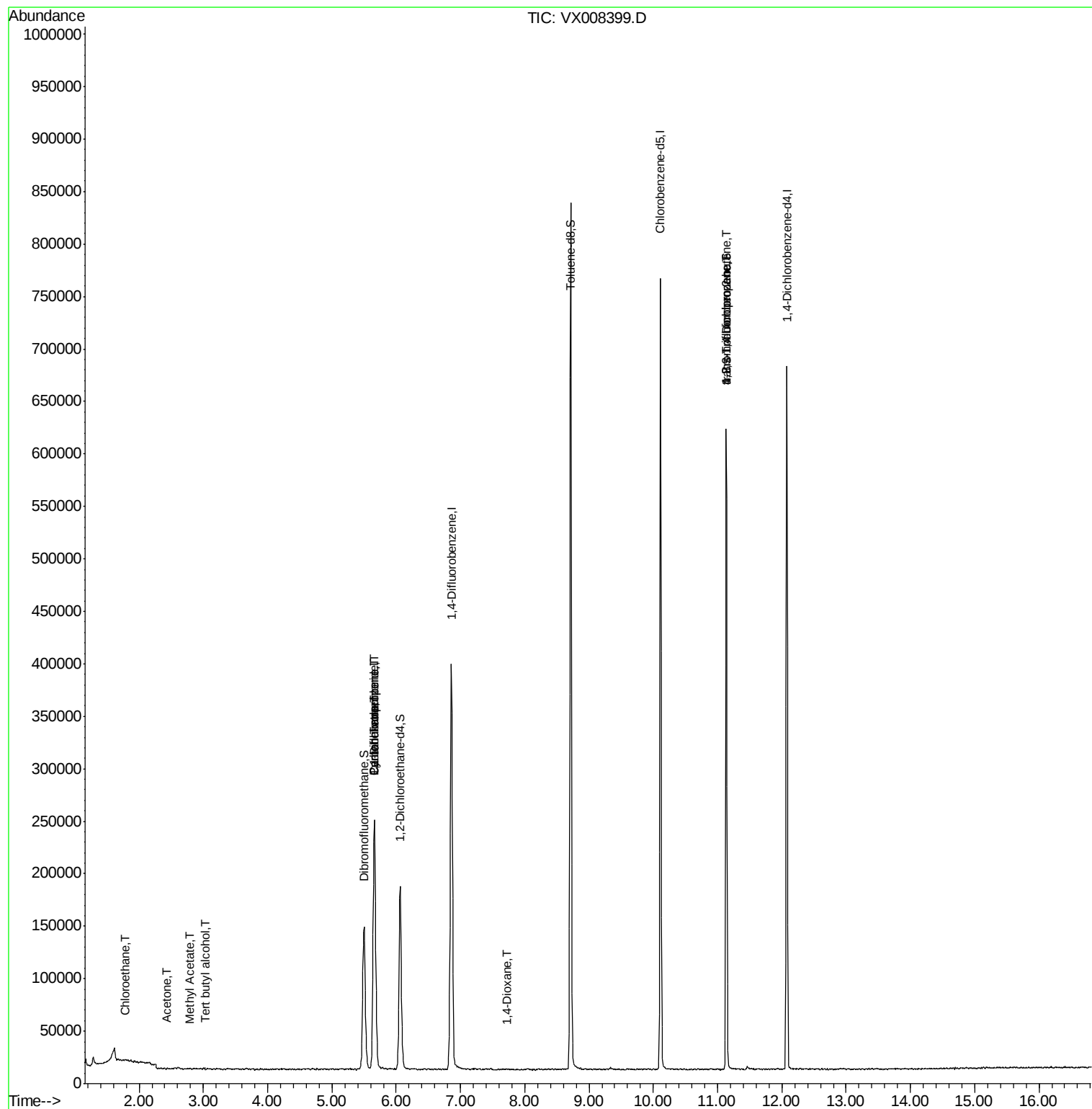
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.78	64	480	0.229	ug/l #	53
11) Tert butyl alcohol	3.03	59	698	0.942	ug/l #	90
16) Acetone	2.44	43	1344	0.808	ug/l	91
18) Methyl Acetate	2.78	43	1469	0.353	ug/l	98
31) Cyclohexane	5.66	56	5655	1.081	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	19487	5.070	ug/l #	48
38) Carbon Tetrachloride	5.66	117	22243	6.752	ug/l #	17
49) 1,4-Dioxane	7.72	88	19	0.230	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	83218	23.849	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	83218	67.964	ug/l #	12

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

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BP-TT-MW203I-20190315

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 15:27:34 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008399.D

Acq: 24 Mar 2019 18:01

Instrument :

MSVOA_X

ClientSampleId :

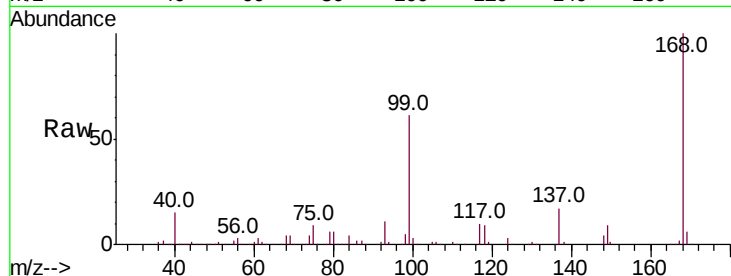
BP-TT-MW203I-20190315

Tot Ion:168 Resp: 218061

Ion Ratio Lower Upper

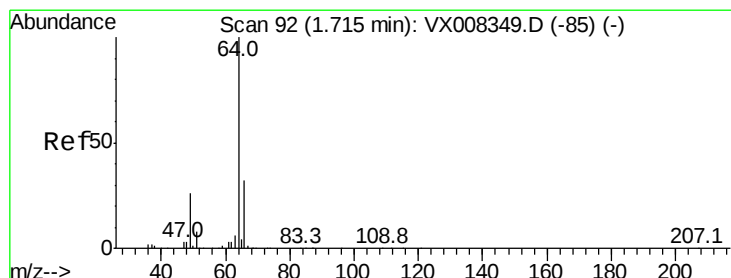
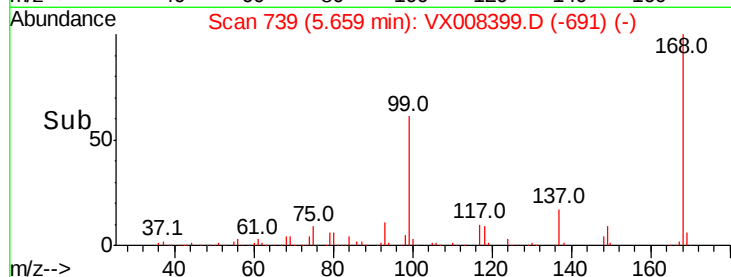
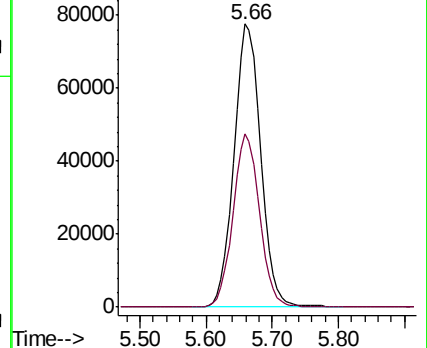
168 100

99 61.1 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 0.229 ug/l

RT: 1.78 min Scan# 102

Delta R.T. 0.06 min

Lab File: VX008399.D

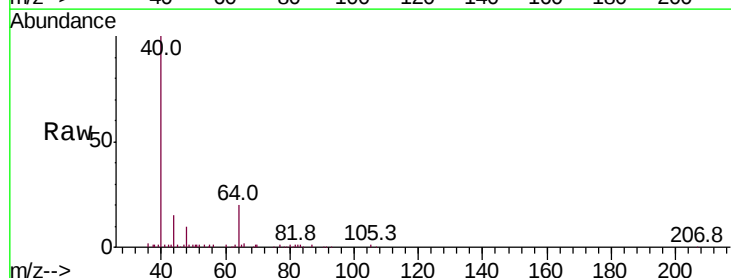
Acq: 24 Mar 2019 18:01

Tgt Ion: 64 Resp: 480

Ion Ratio Lower Upper

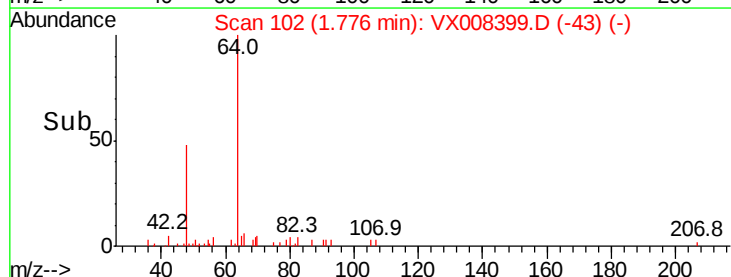
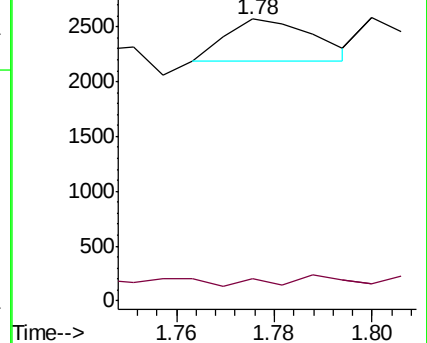
64 100

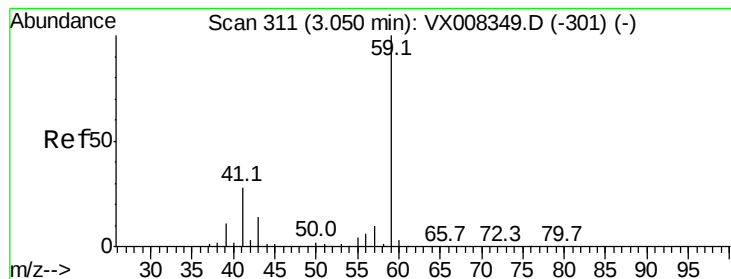
66 5.2 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



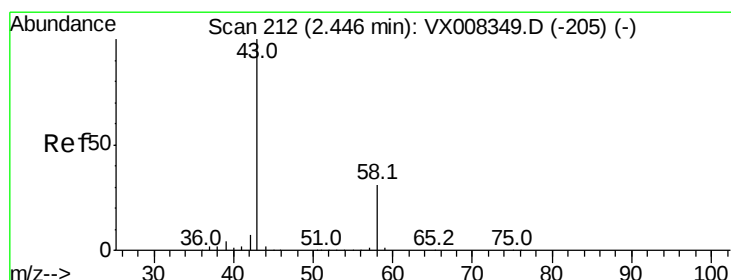
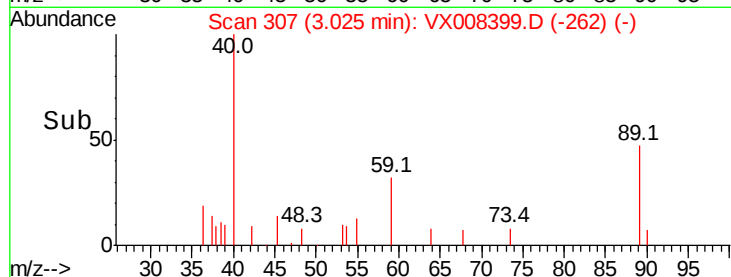
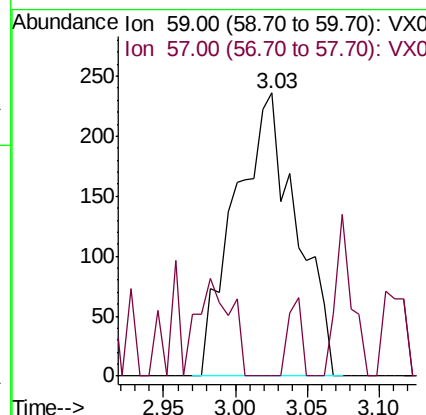
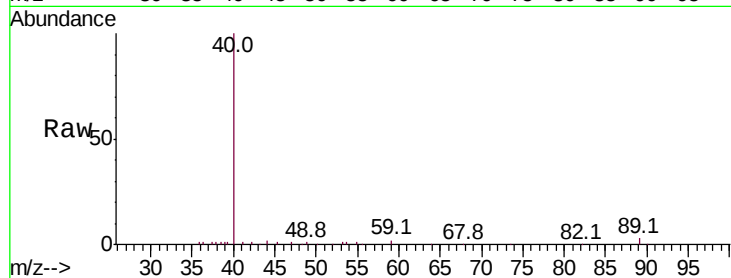


#11

Tert butyl alcohol
 Concen: 0.942 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.02 min
 Lab File: VX008399.D
 Acq: 24 Mar 2019 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW203I-20190315

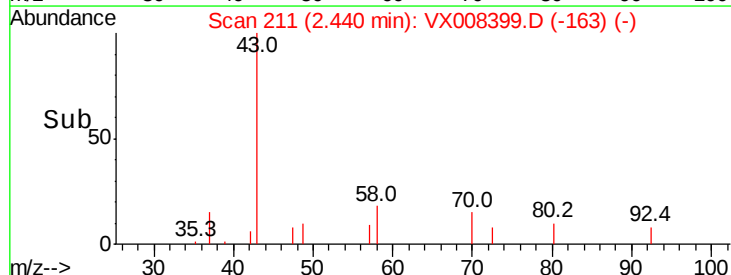
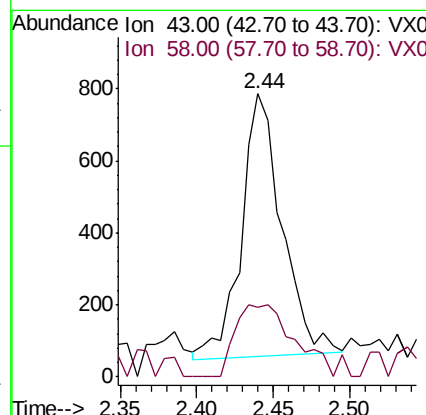
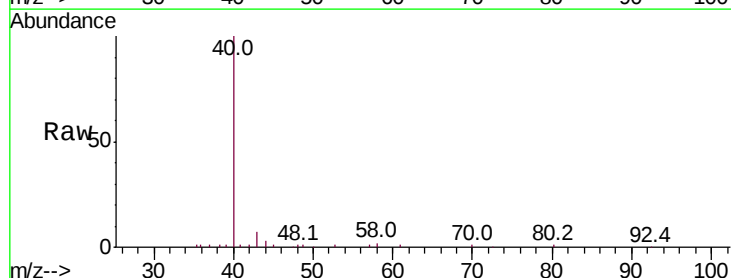
Tot Ion: 59 Resp: 698
 Ion Ratio Lower Upper
 59 100
 57 6.3 8.2 12.2#

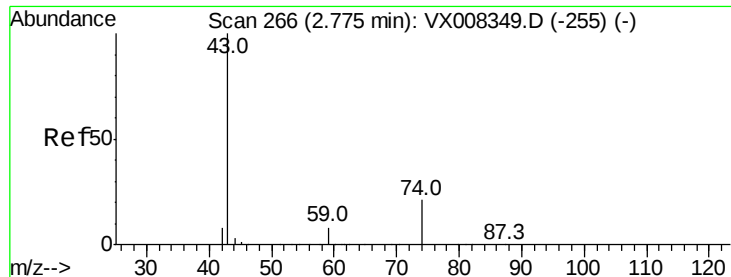


#16

Acetone
 Concen: 0.808 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX008399.D
 Acq: 24 Mar 2019 18:01

Tgt Ion: 43 Resp: 1344
 Ion Ratio Lower Upper
 43 100
 58 26.8 25.5 38.3

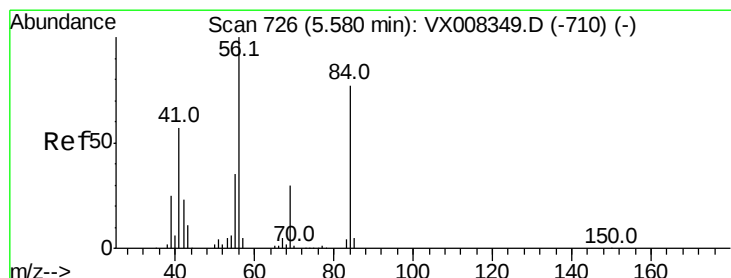
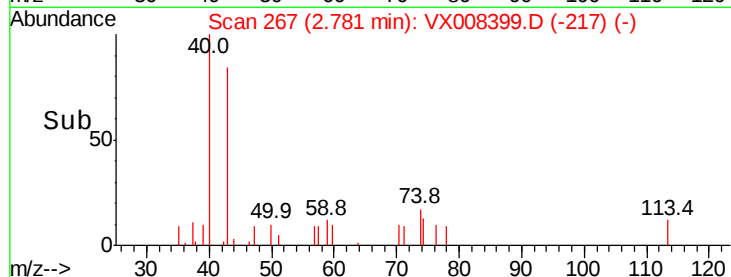
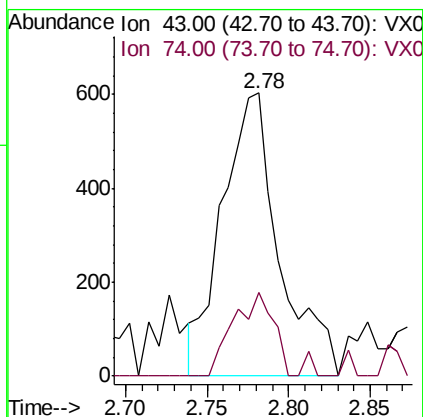
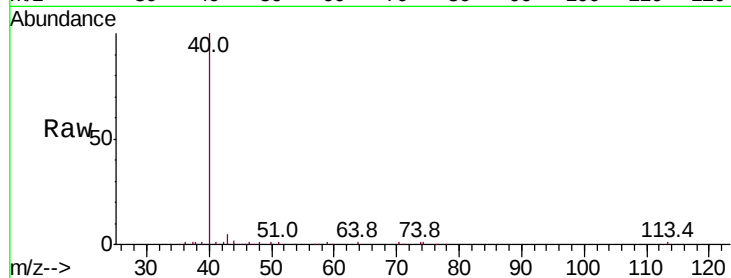




#18
Methvl Acetate
Concen: 0.353 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX008399.D
Acq: 24 Mar 2019 18:01

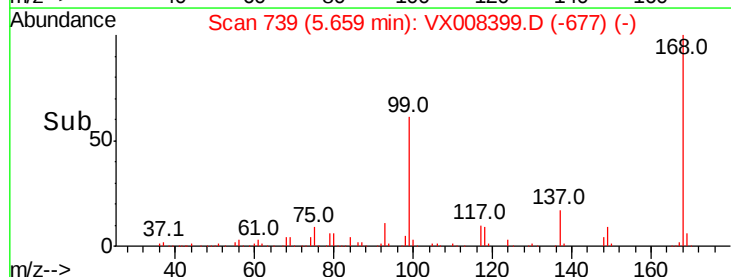
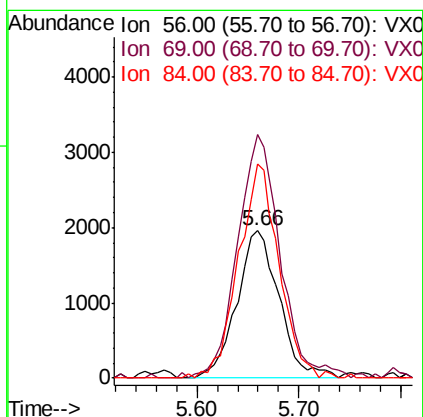
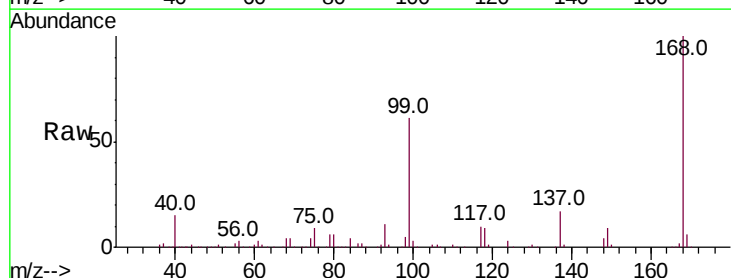
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW203I-20190315

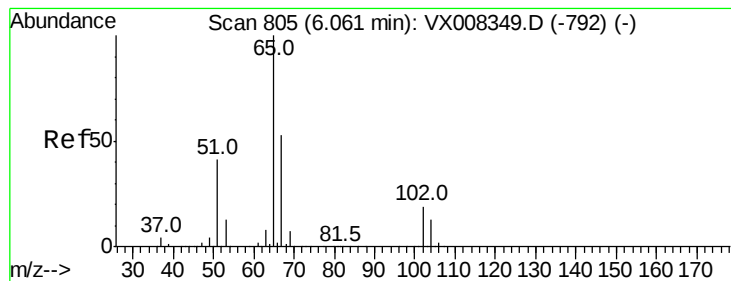
Tot Ion: 43 Resp: 1469
Ion Ratio Lower Upper
43 100
74 21.0 17.8 26.6



#31
Cyclohexane
Concen: 1.081 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX008399.D
Acq: 24 Mar 2019 18:01

Tgt Ion: 56 Resp: 5655
Ion Ratio Lower Upper
56 100
69 165.1 24.0 36.0#
84 145.0 65.3 97.9#





#33

1,2-Dichloroethane-d4

Concen: 48.777 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008399.D

Acq: 24 Mar 2019 18:01

Instrument :

MSVOA_X

ClientSampleId :

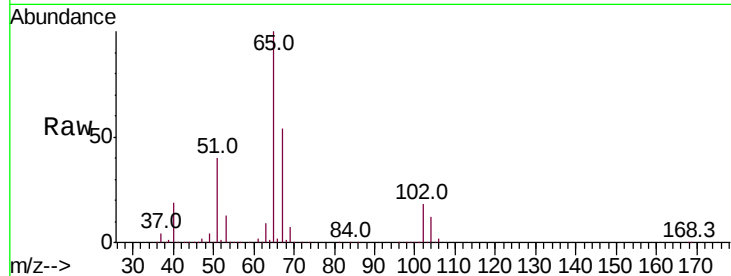
BP-TT-MW203I-20190315

Tot Ion: 65 Resp: 162226

Ion Ratio Lower Upper

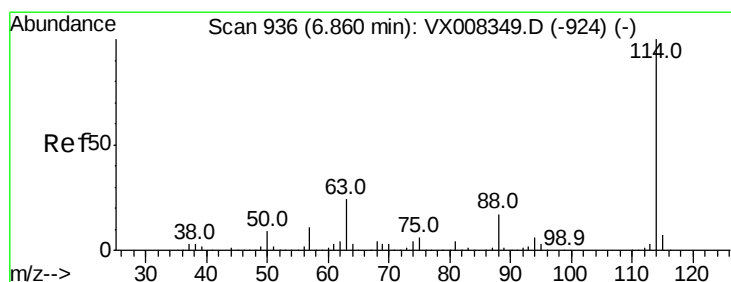
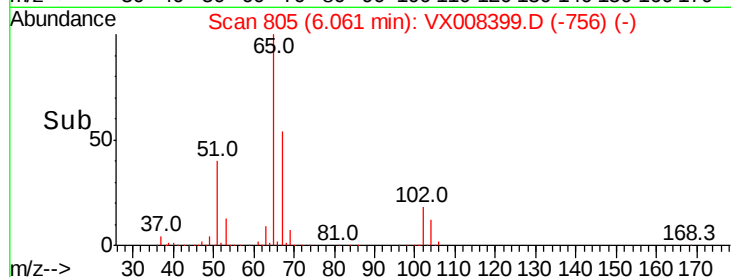
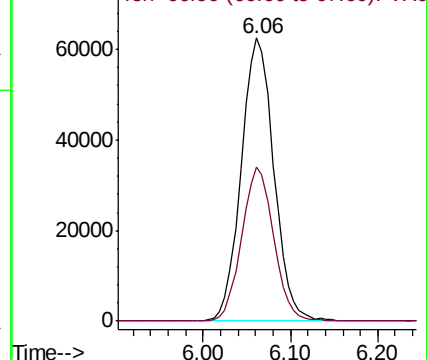
65 100

67 53.6 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: VX008399.D

Acq: 24 Mar 2019 18:01

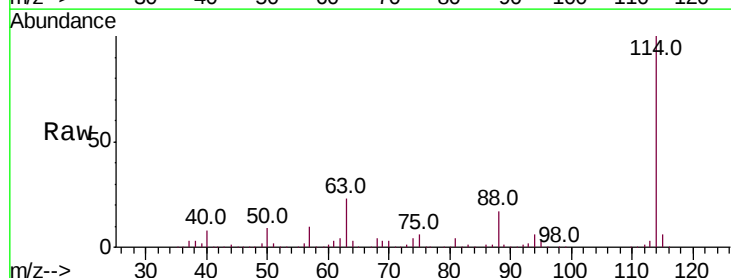
Tgt Ion:114 Resp: 376110

Ion Ratio Lower Upper

114 100

63 23.4 0.0 39.8

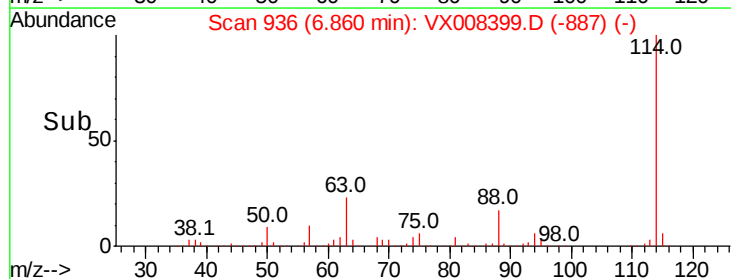
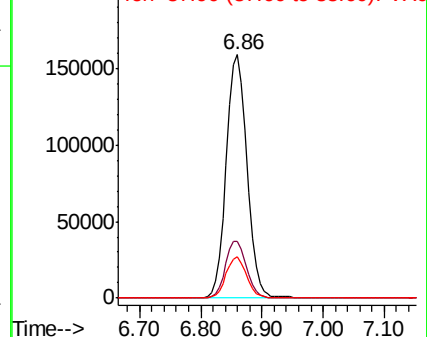
88 17.2 0.0 31.4

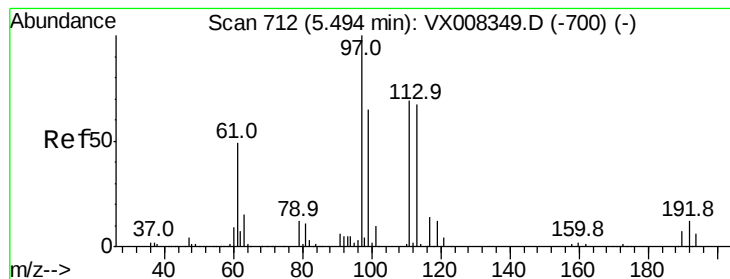


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.400 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008399.D

Acq: 24 Mar 2019 18:01

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW203I-20190315

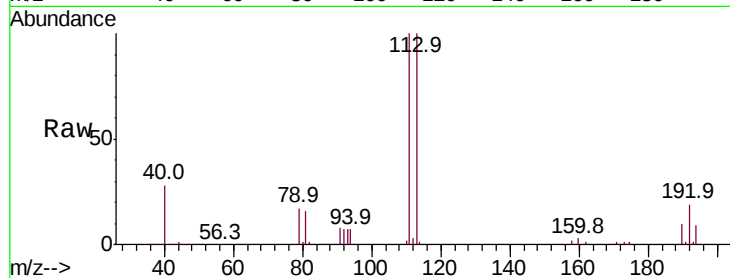
Tot Ion:113 Resp: 117940

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

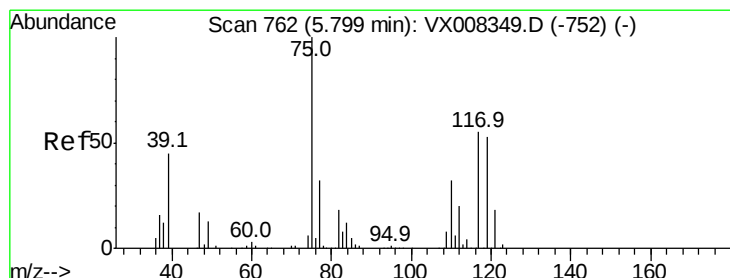
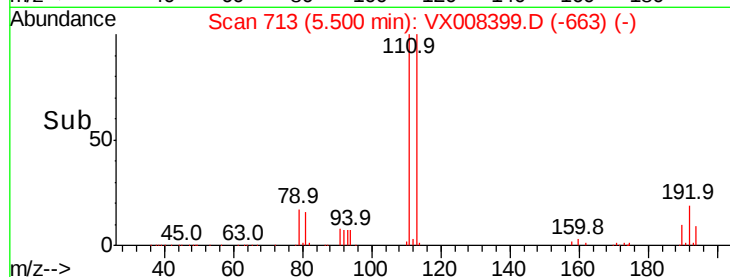
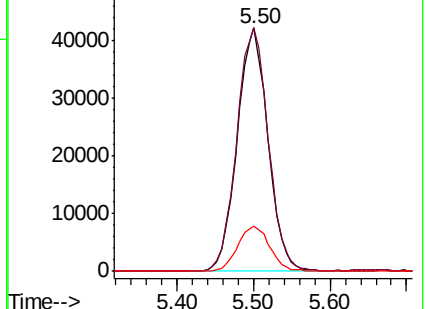
192 19.4 19.4 29.0



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: 5.070 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX008399.D

Acq: 24 Mar 2019 18:01

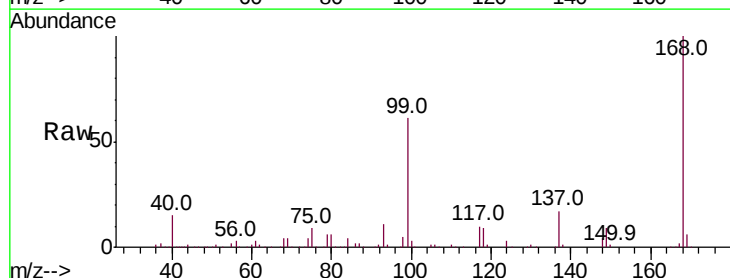
Tgt Ion: 75 Resp: 19487

Ion Ratio Lower Upper

75 100

110 8.1 18.4 55.0#

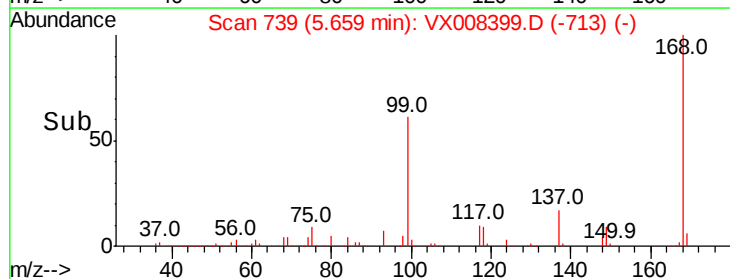
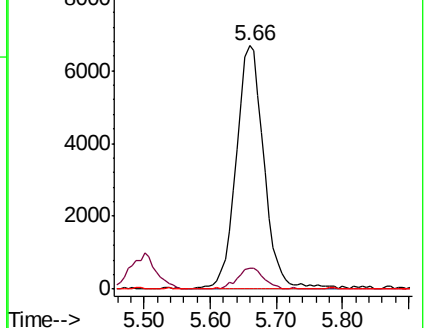
77 0.0 25.0 37.4#

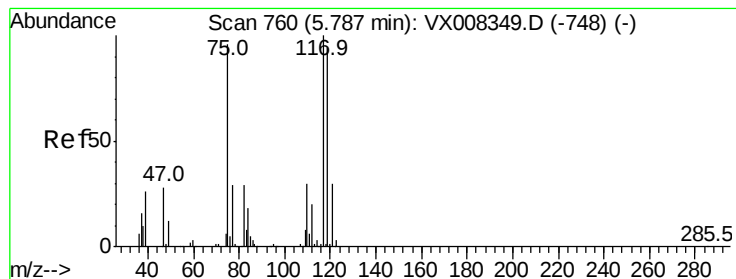


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.752 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX008399.D

Acq: 24 Mar 2019 18:01

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW203I-20190315

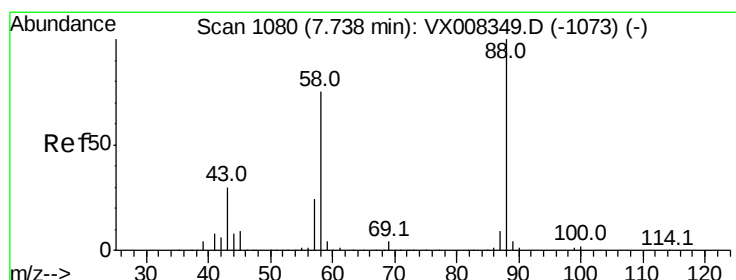
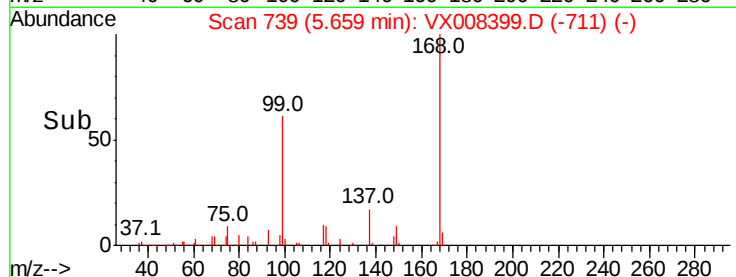
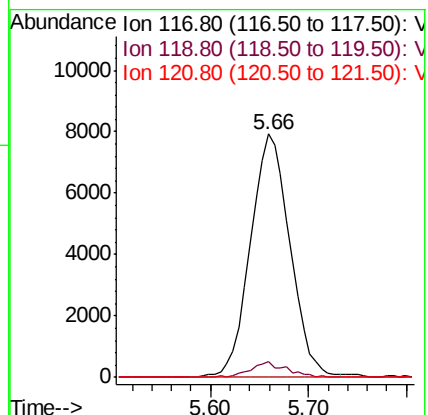
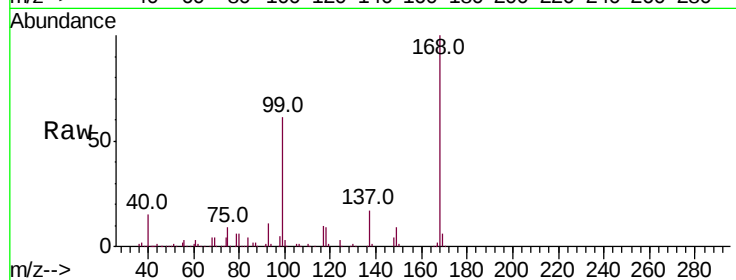
Tot Ion:117 Resp: 22243

Ion Ratio Lower Upper

117 100

119 6.4 76.2 114.2#

121 0.0 24.6 36.8#



#49

1,4-Dioxane

Concen: 0.230 ug/l

RT: 7.72 min Scan# 1077

Delta R.T. -0.02 min

Lab File: VX008399.D

Acq: 24 Mar 2019 18:01

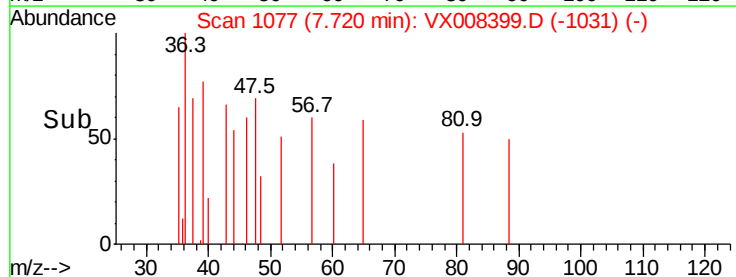
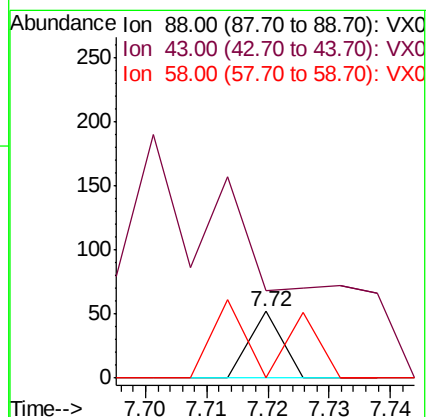
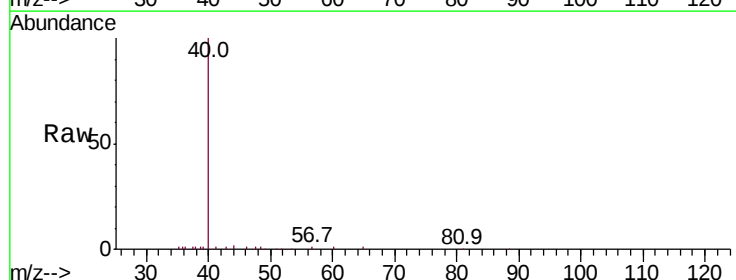
Tgt Ion: 88 Resp: 19

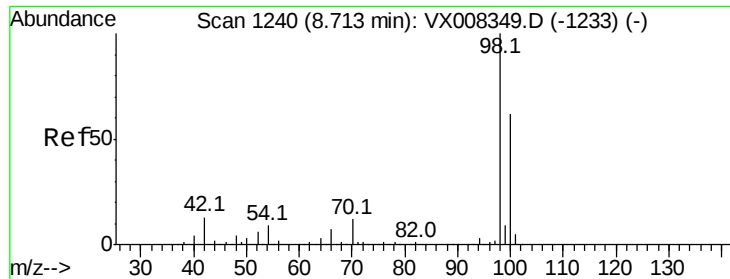
Ion Ratio Lower Upper

88 100

43 1515.8 25.1 37.7#

58 215.8 57.8 86.6#

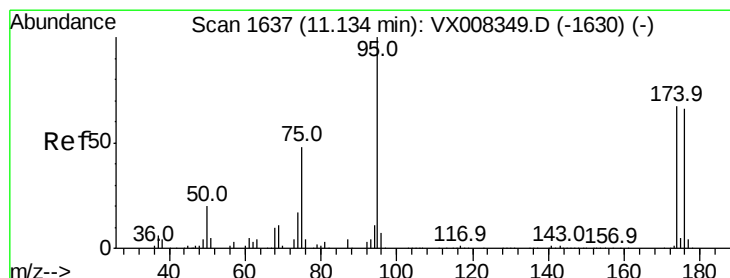
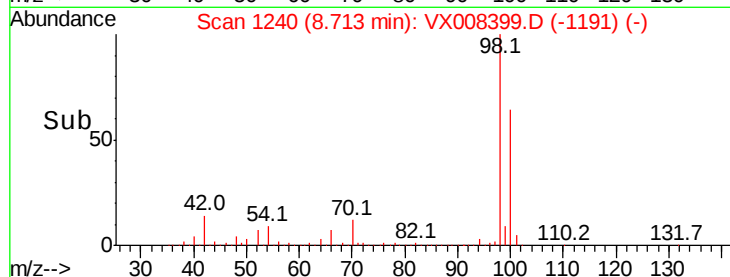
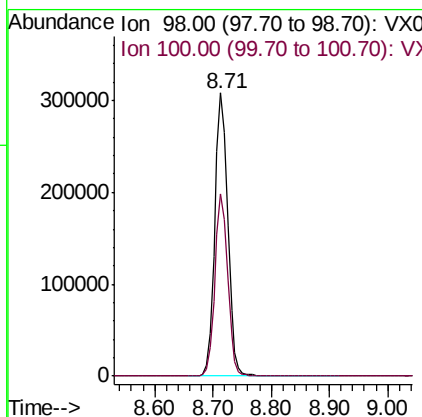
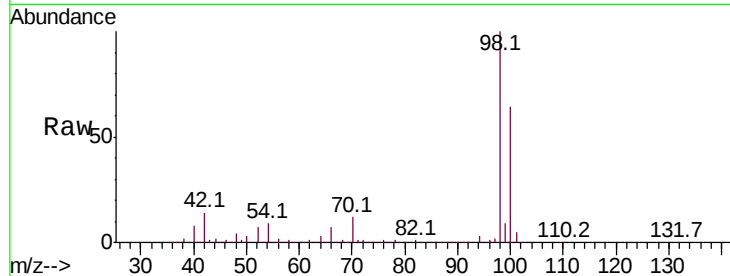




#50
Toluene-d8
Concen: 49.174 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008399.D
Acq: 24 Mar 2019 18:01

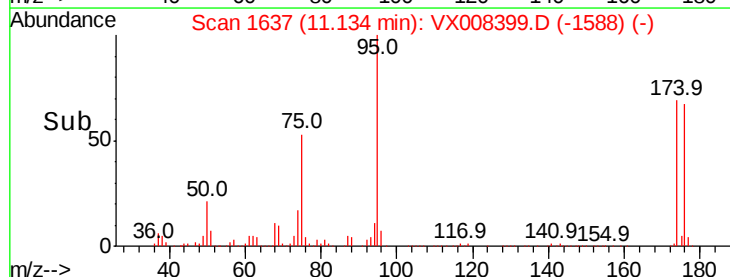
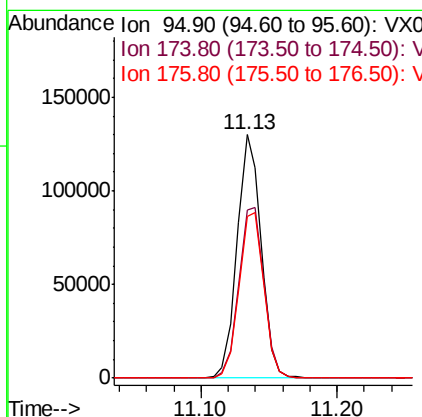
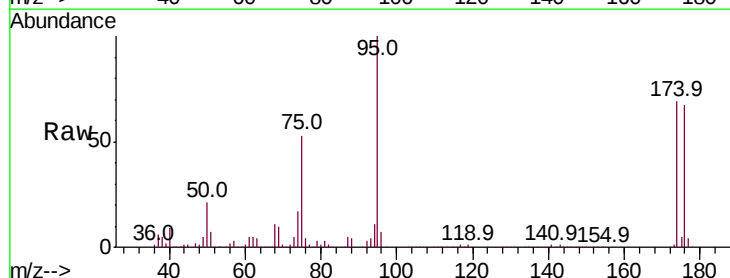
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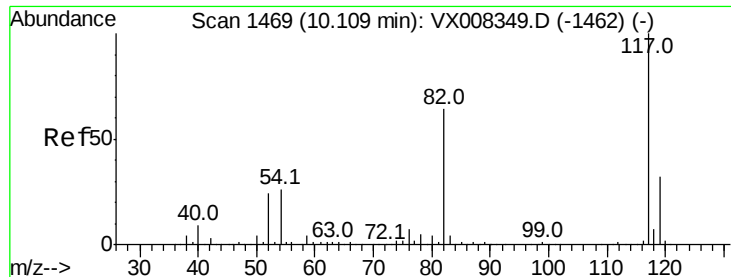
Tot Ion: 98 Resp: 473952
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.073 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008399.D
Acq: 24 Mar 2019 18:01

Tgt Ion: 95 Resp: 159503
Ion Ratio Lower Upper
95 100
174 73.7 0.0 182.8
176 70.8 0.0 178.0

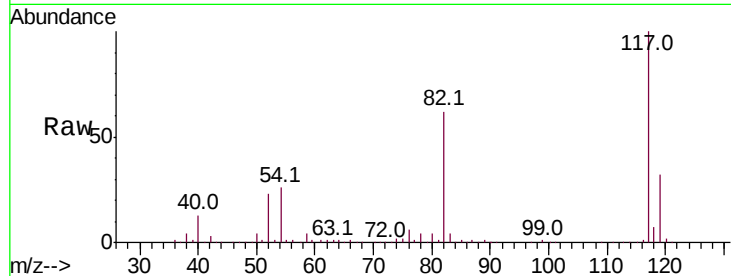




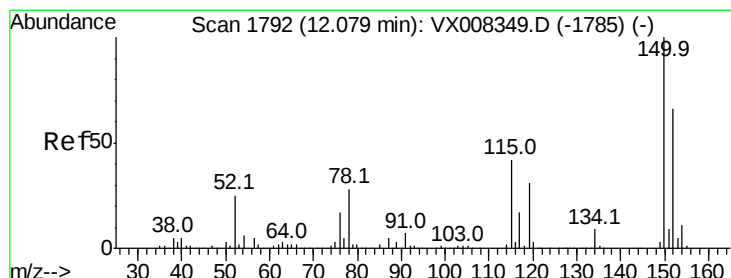
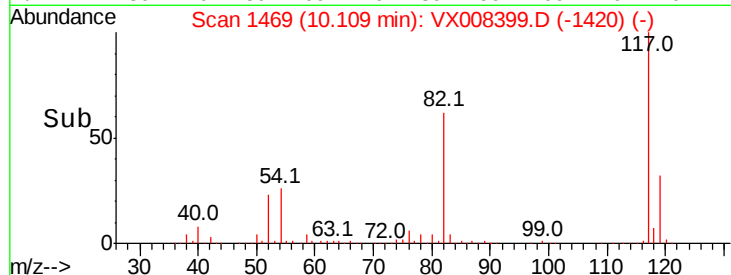
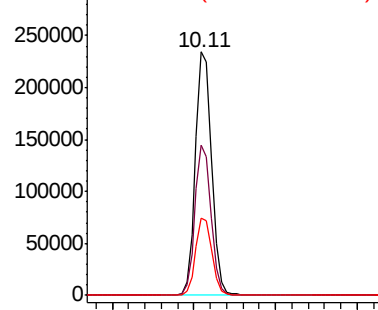
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008399.D
Acq: 24 Mar 2019 18:01

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW203I-20190315

Tot Ion:117 Resp: 325624
Ion Ratio Lower Upper
117 100
82 61.7 44.3 66.5
119 31.7 25.3 37.9

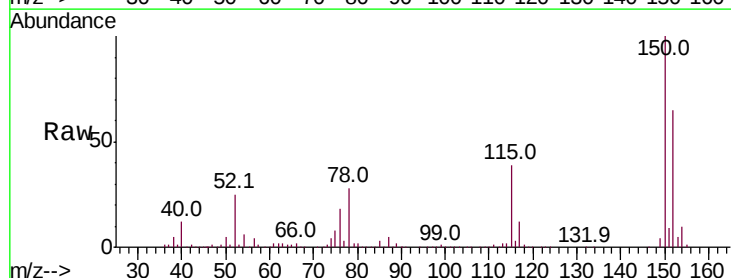


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

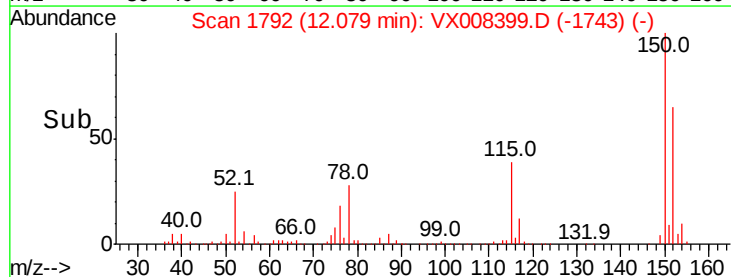
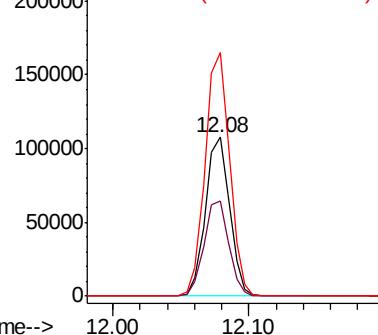


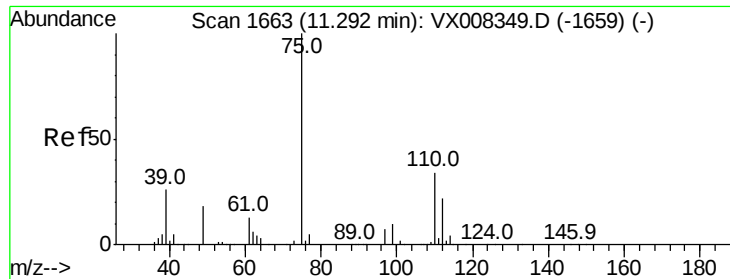
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008399.D
Acq: 24 Mar 2019 18:01

Tgt Ion:152 Resp: 133309
Ion Ratio Lower Upper
152 100
115 61.3 38.6 115.7
150 155.6 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: 23.849 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008399.D

Acq: 24 Mar 2019 18:01

Instrument :

MSVOA_X

ClientSampleId :

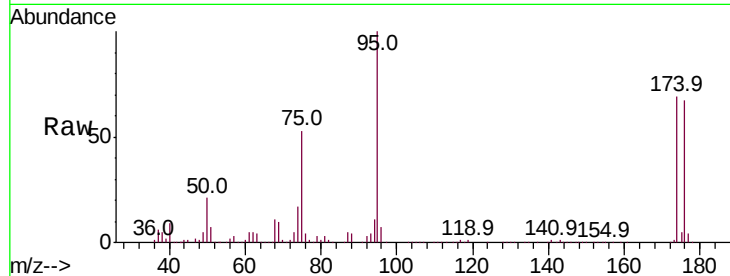
BP-TT-MW203I-20190315

Tot Ion: 75 Resp: 83218

Ion Ratio Lower Upper

75 100

77 1.2 18.9 56.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

80000

60000

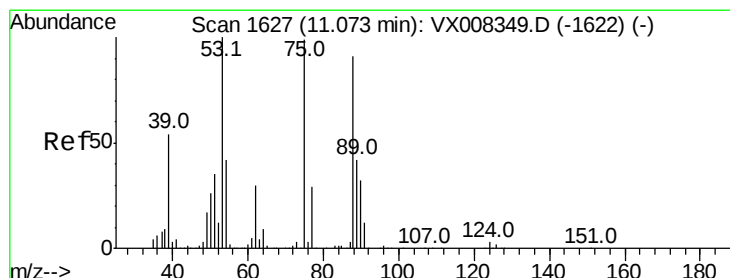
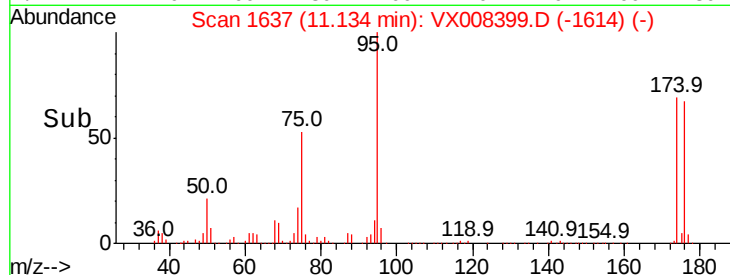
40000

20000

0

11.10 11.20

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 67.964 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008399.D

Acq: 24 Mar 2019 18:01

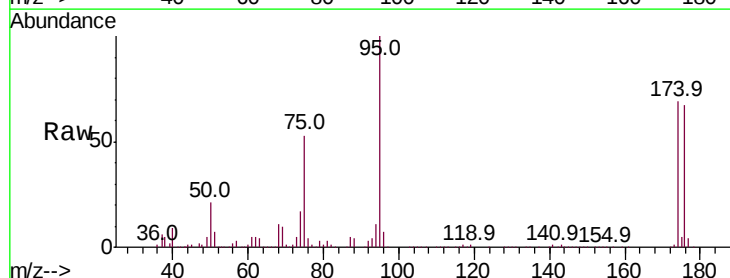
Tgt Ion: 75 Resp: 83218

Ion Ratio Lower Upper

75 100

53 0.3 76.1 114.1#

89 0.0 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

80000

60000

40000

20000

0

11.10 11.20

Time-->

