

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032319\
 Data File : VX008366.D
 Acq On : 23 Mar 2019 21:39
 Operator : JC/SP
 Sample : K1937-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW306S-20190314

Quant Time: Mar 25 08:03:00 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	222183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	383314	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	325890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134650	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	165624	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	
35) Dibromofluoromethane	5.50	113	120201	48.40	ug/l	0.00
Spiked Amount			Recovery	=	96.80%	
50) Toluene-d8	8.71	98	480798	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.13	95	160299	44.45	ug/l	0.00
Spiked Amount			Recovery	=	88.90%	

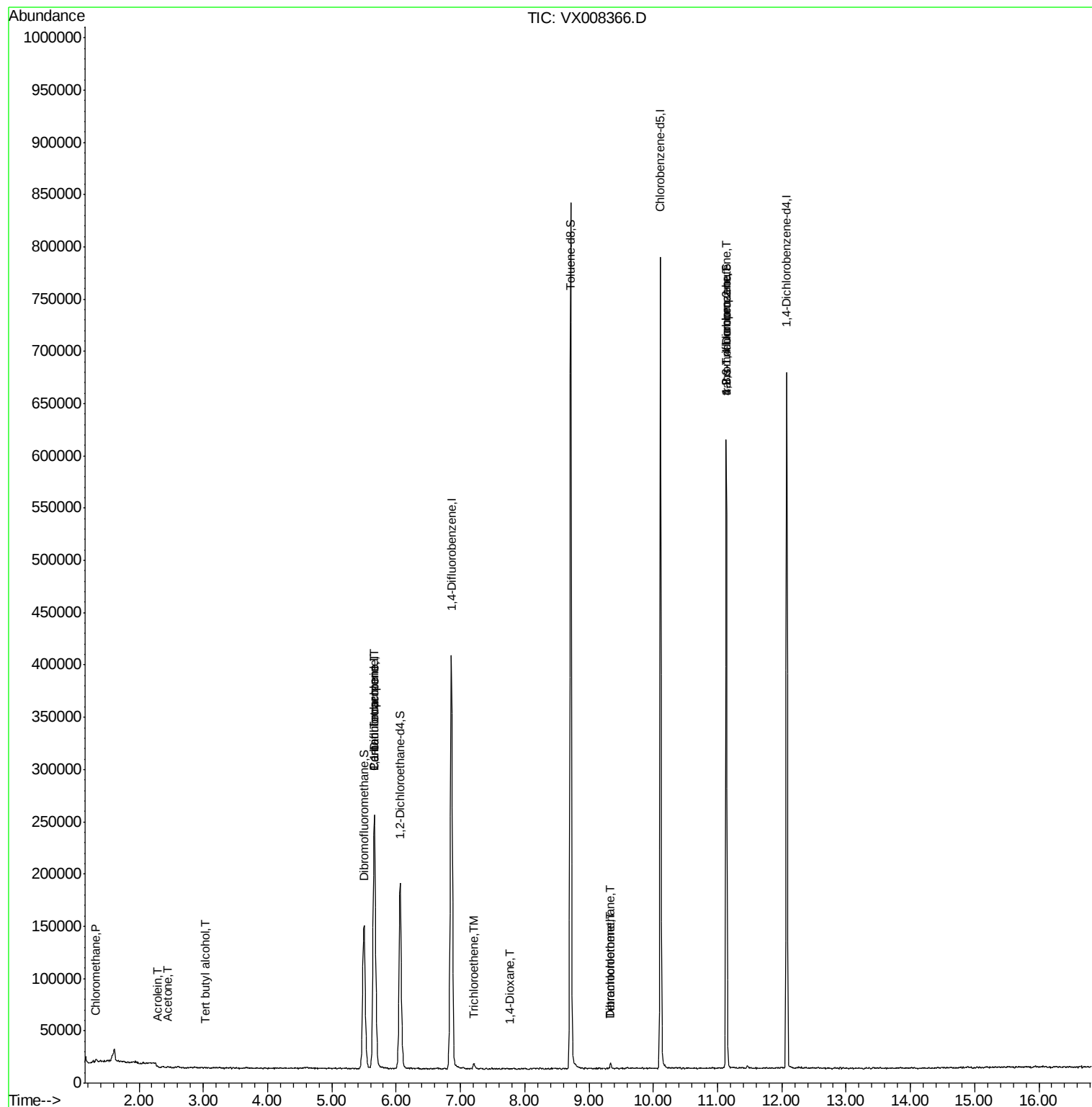
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	806	0.216	ug/l	93
11) Tert butyl alcohol	3.03	59	450	0.596	ug/l #	78
13) Acrolein	2.28	56	131	0.203	ug/l #	50
16) Acetone	2.44	43	1149	0.678	ug/l #	89
36) 1,1-Dichloropropene	5.66	75	19326	4.934	ug/l #	48
38) Carbon Tetrachloride	5.66	117	21985	6.548	ug/l #	16
44) Trichloroethene	7.21	130	1922	0.694	ug/l	67
49) 1,4-Dioxane	7.77	88	26	0.309	ug/l #	1
60) Dibromochloromethane	9.34	129	1048	0.389	ug/l #	11
64) Tetrachloroethene	9.33	164	941	0.442	ug/l #	87
76) 1,2,3-Trichloropropane	11.13	75	82668	23.456	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	82668	66.842	ug/l #	12

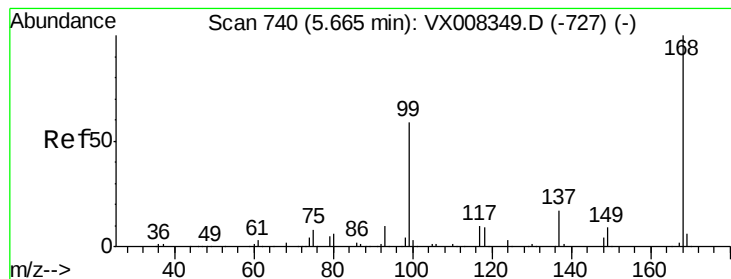
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008366.D

Acq: 23 Mar 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

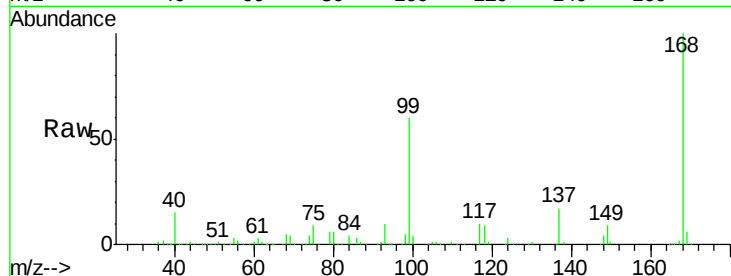
BPS1-TT-MW306S-20190314

Tot Ion:168 Resp: 222183

Ion Ratio Lower Upper

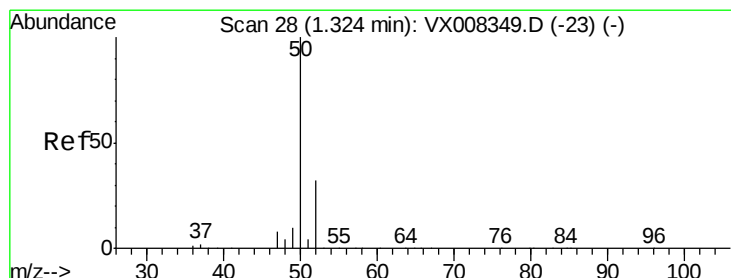
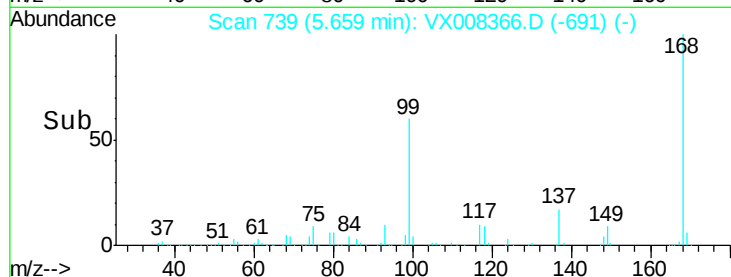
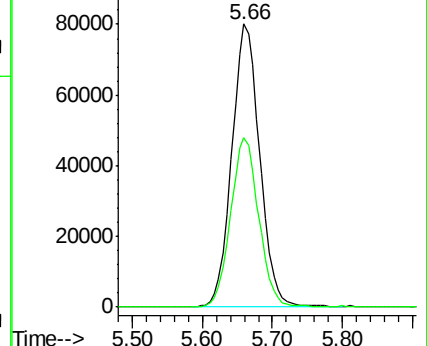
168 100

99 59.8 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.216 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008366.D

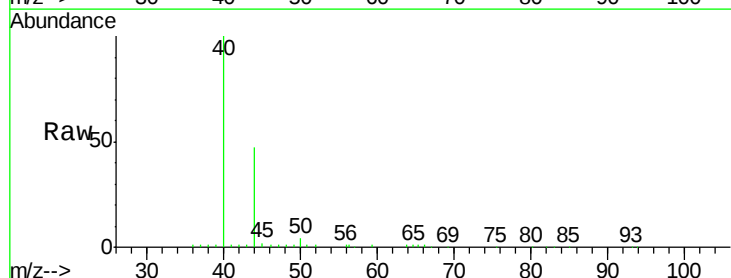
Acq: 23 Mar 2019 21:39

Tgt Ion: 50 Resp: 806

Ion Ratio Lower Upper

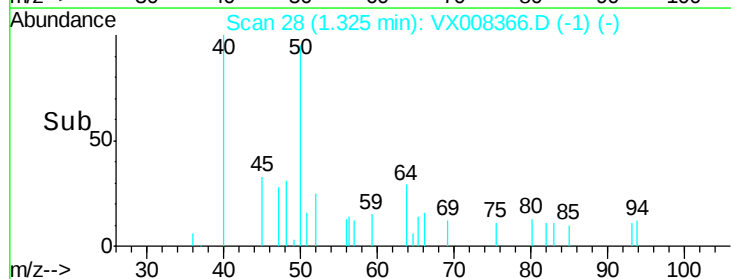
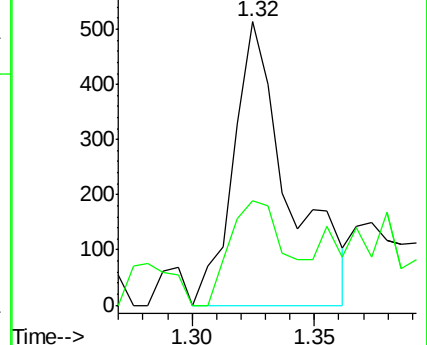
50 100

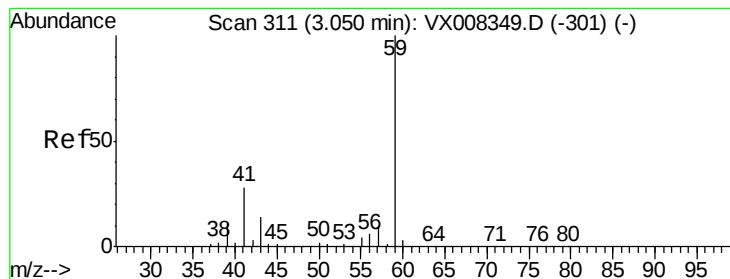
52 37.0 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



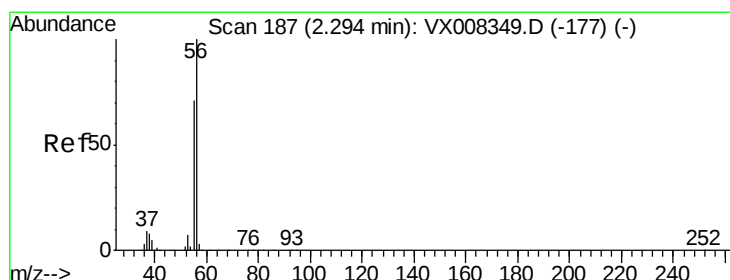
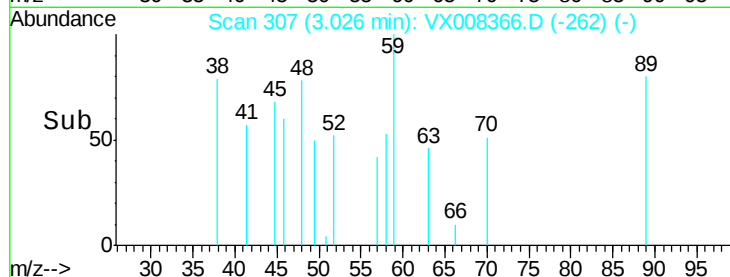
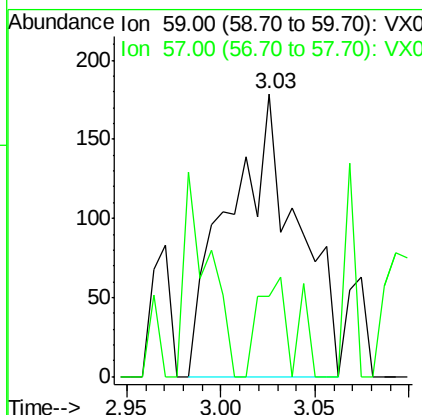
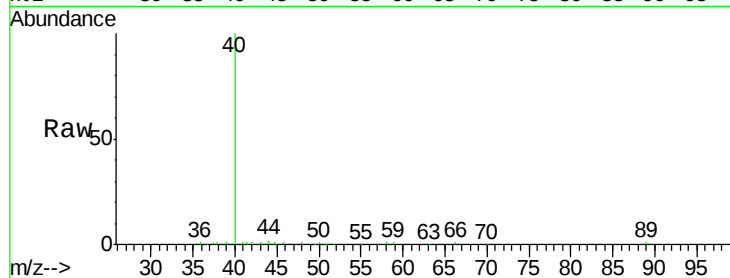


#11

Tert butyl alcohol
 Concen: 0.596 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.02 min
 Lab File: VX008366.D
 Acq: 23 Mar 2019 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW306S-20190314

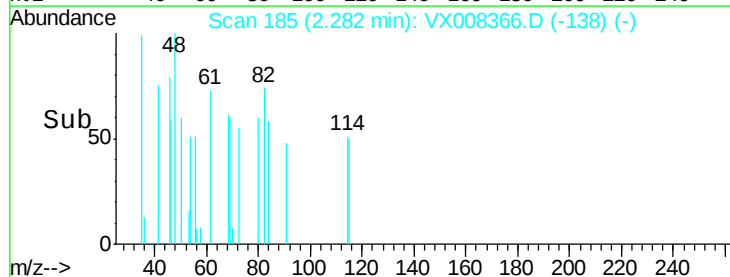
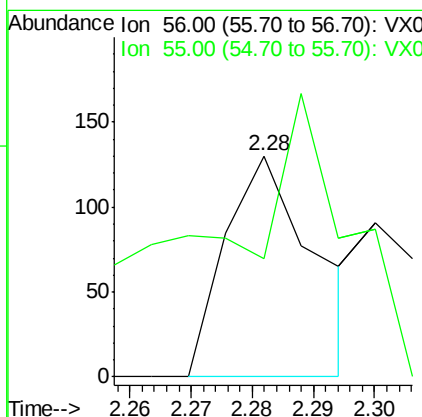
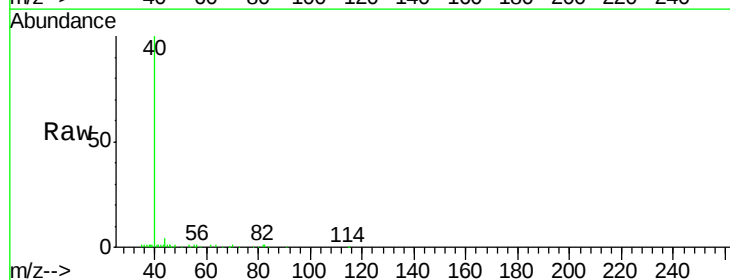
Tot Ion: 59 Resp: 450
 Ion Ratio Lower Upper
 59 100
 57 18.2 8.2 12.2#

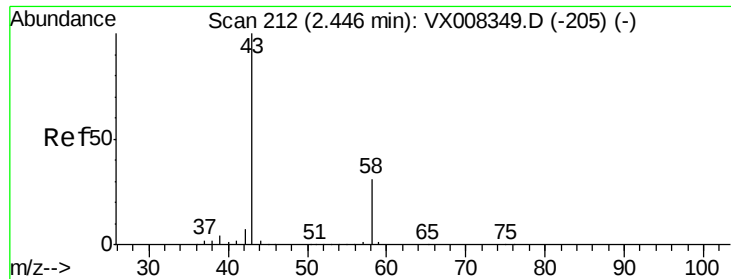


#13

Acrolein
 Concen: 0.203 ug/l
 RT: 2.28 min Scan# 185
 Delta R.T. -0.01 min
 Lab File: VX008366.D
 Acq: 23 Mar 2019 21:39

Tgt Ion: 56 Resp: 131
 Ion Ratio Lower Upper
 56 100
 55 113.7 57.8 86.6#





#16

Acetone

Concen: 0.678 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008366.D

Acq: 23 Mar 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

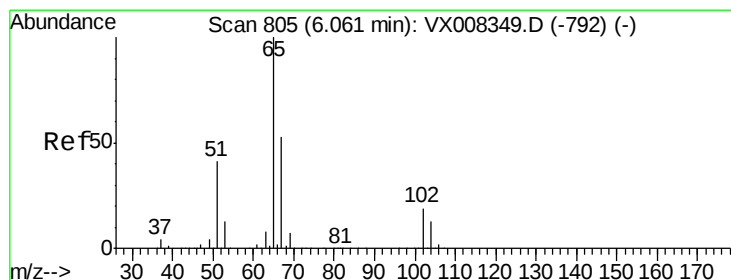
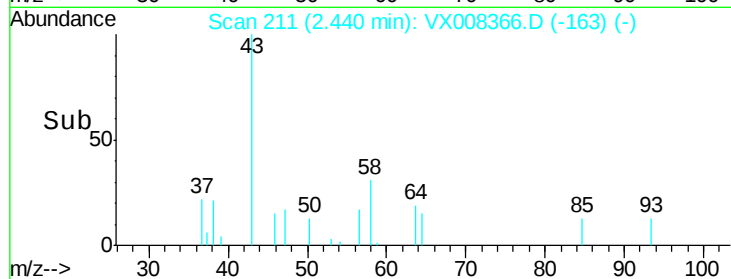
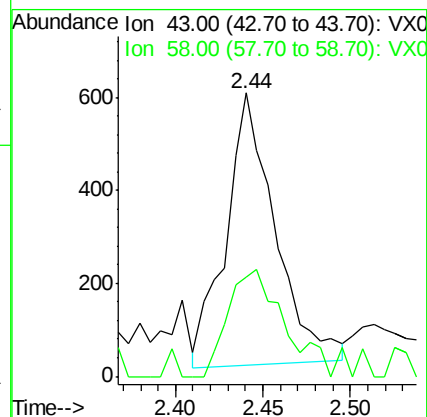
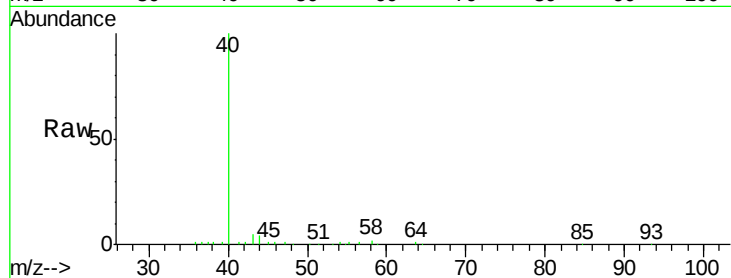
BPS1-TT-MW306S-20190314

Tot Ion: 43 Resp: 1149

Ion Ratio Lower Upper

43 100

58 38.3 25.5 38.3#



#33

1,2-Dichloroethane-d4

Concen: 48.875 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008366.D

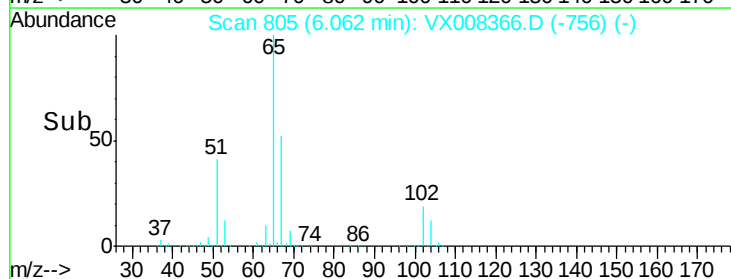
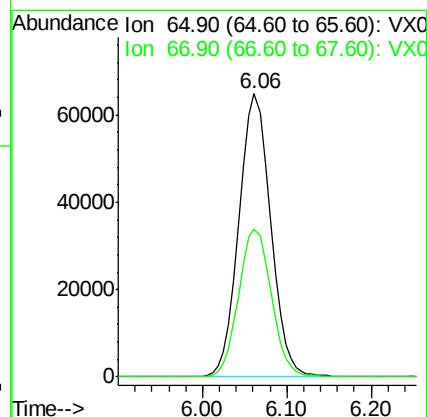
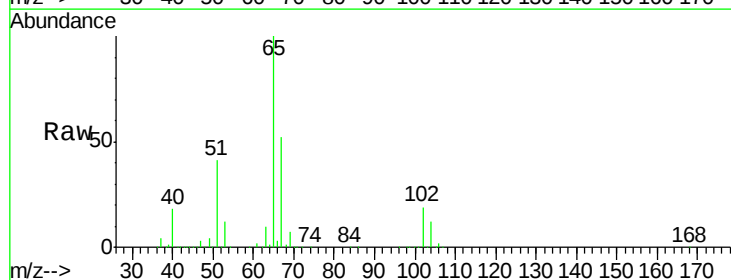
Acq: 23 Mar 2019 21:39

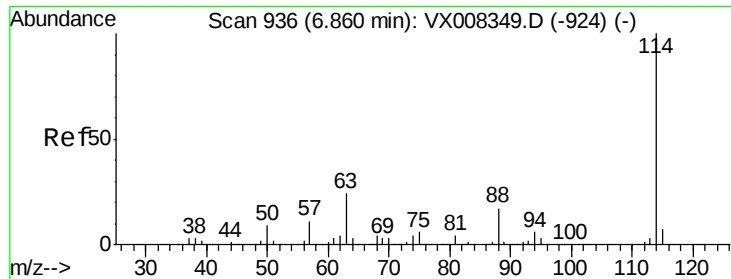
Tgt Ion: 65 Resp: 165624

Ion Ratio Lower Upper

65 100

67 54.0 0.0 110.0

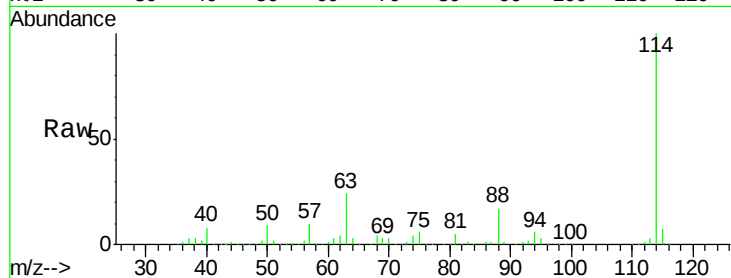




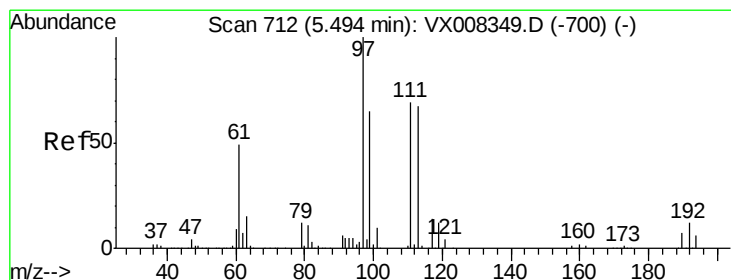
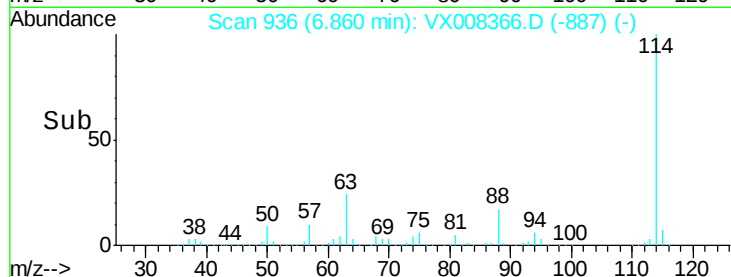
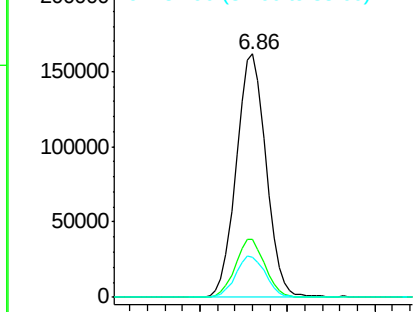
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX008366.D
Acq: 23 Mar 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW306S-20190314

Tot Ion:114 Resp: 383314
Ion Ratio Lower Upper
114 100
63 24.0 0.0 39.8
88 16.7 0.0 31.4

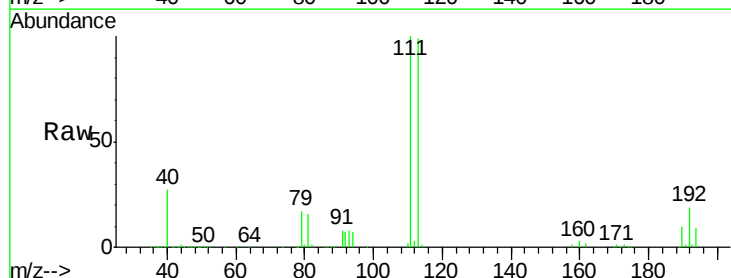


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

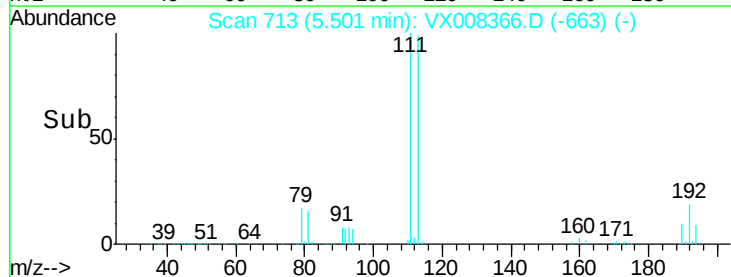
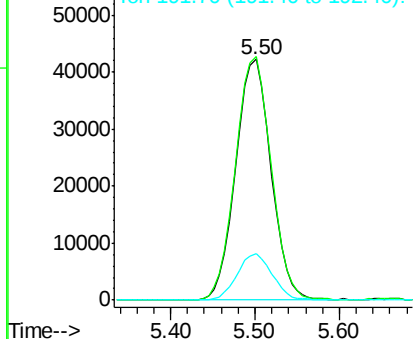


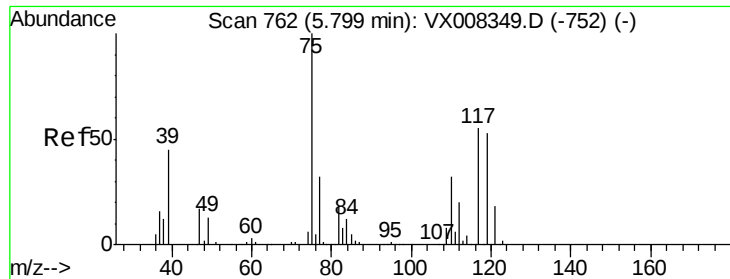
#35
Dibromofluoromethane
Concen: 48.400 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX008366.D
Acq: 23 Mar 2019 21:39

Tgt Ion:113 Resp: 120201
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 19.1 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

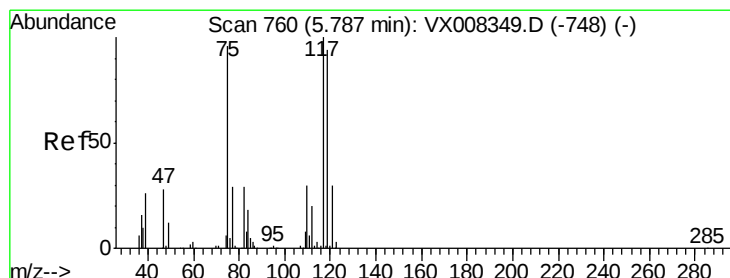
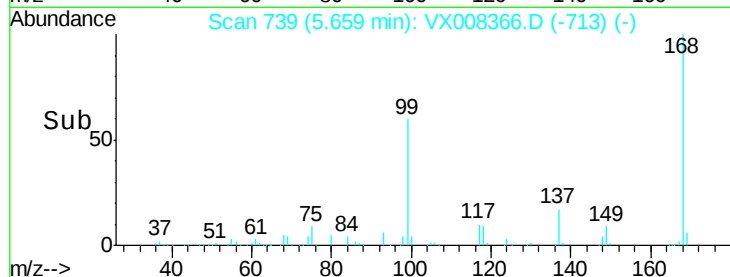
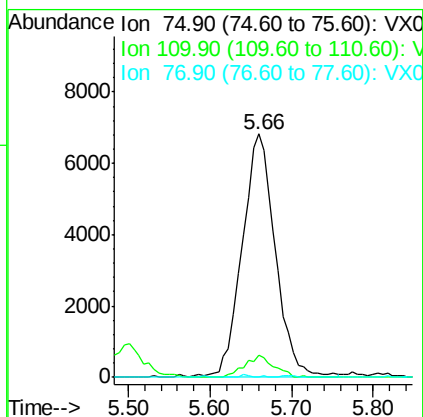
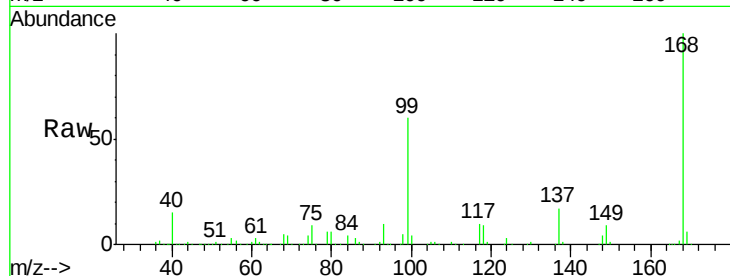




#36
 1,1-Dichloropropene
 Concen: 4.934 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX008366.D
 Acq: 23 Mar 2019 21:39

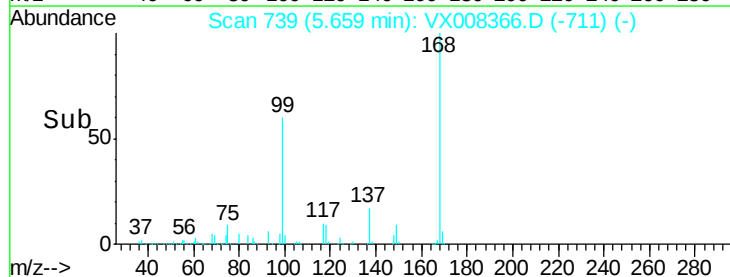
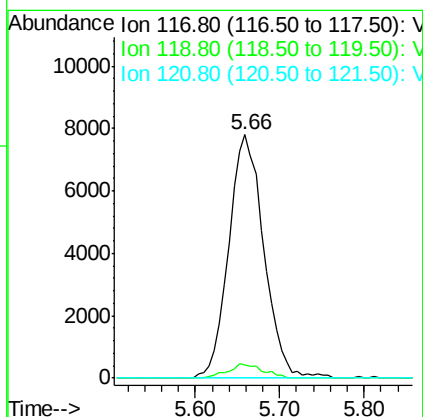
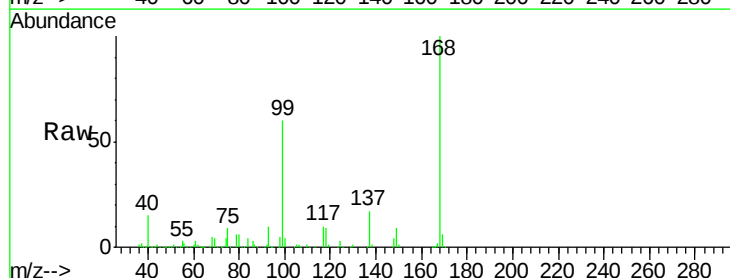
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW306S-20190314

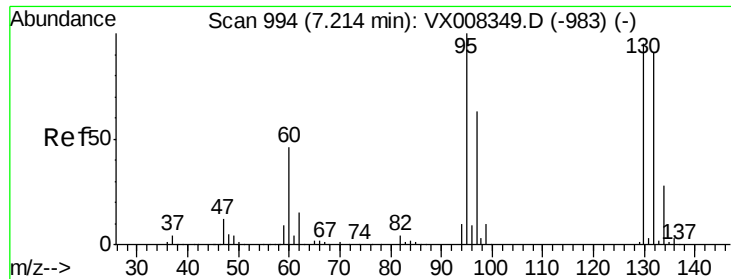
Tot Ion: 75 Resp: 19326
 Ion Ratio Lower Upper
 75 100
 110 7.9 18.4 55.0#
 77 0.1 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.548 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX008366.D
 Acq: 23 Mar 2019 21:39

Tgt Ion:117 Resp: 21985
 Ion Ratio Lower Upper
 117 100
 119 5.4 76.2 114.2#
 121 0.0 24.6 36.8#





#44

Trichloroethene

Concen: 0.694 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008366.D

Acq: 23 Mar 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

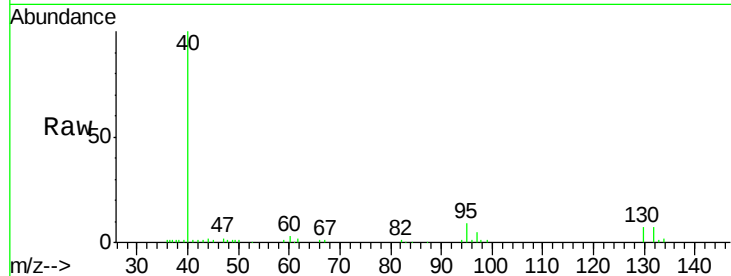
BPS1-TT-MW306S-20190314

Tot Ion:130 Resp: 1922

Ion Ratio Lower Upper

130 100

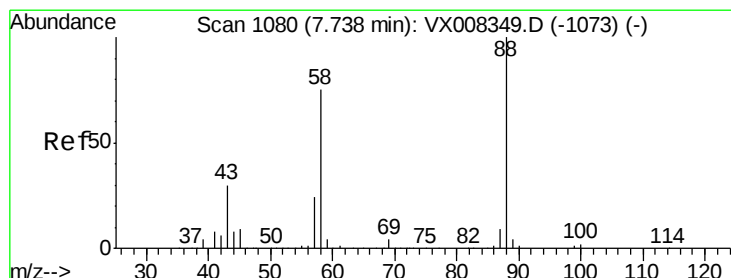
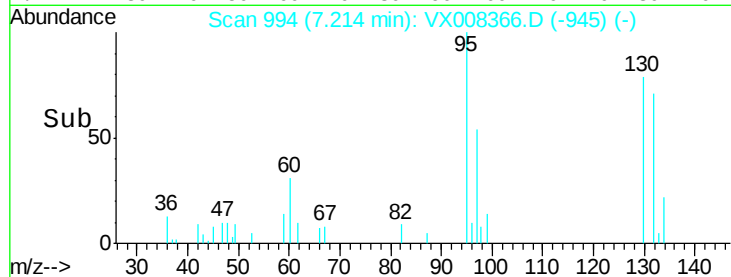
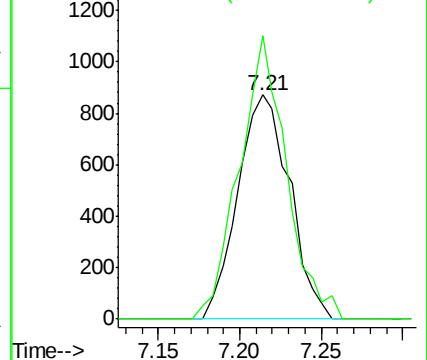
95 126.1 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21



#49

1,4-Dioxane

Concen: 0.309 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.04 min

Lab File: VX008366.D

Acq: 23 Mar 2019 21:39

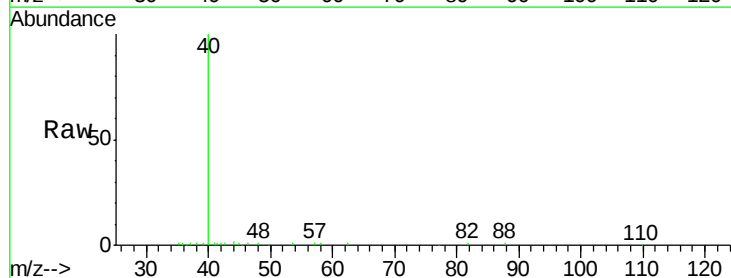
Tgt Ion: 88 Resp: 26

Ion Ratio Lower Upper

88 100

43 765.4 25.1 37.7#

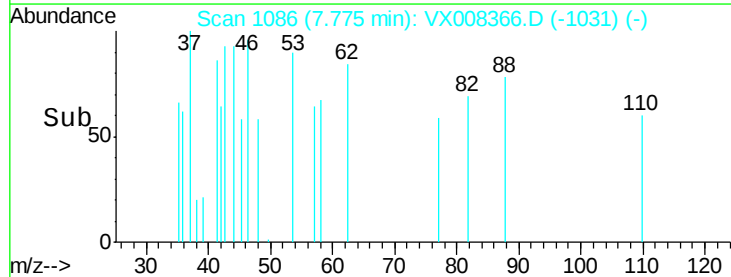
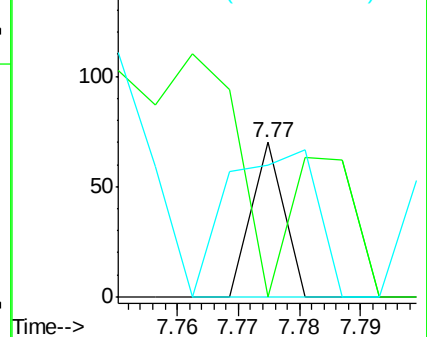
58 257.7 57.8 86.6#

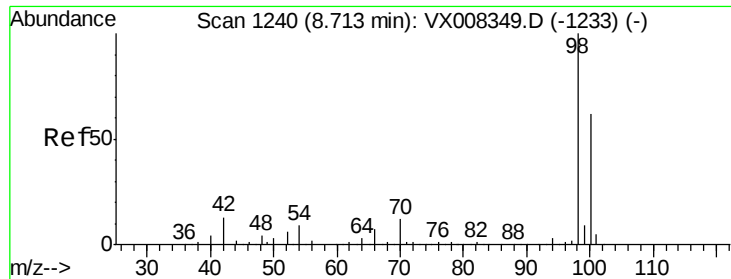


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 48.947 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008366.D

Acq: 23 Mar 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

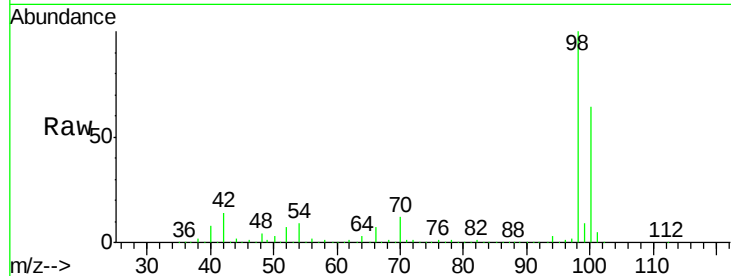
BPS1-TT-MW306S-20190314

Tot Ion: 98 Resp: 480798

Ion Ratio Lower Upper

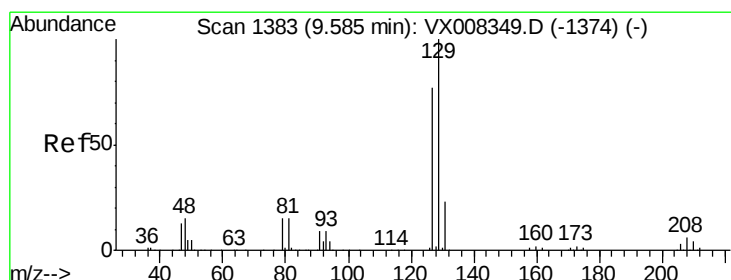
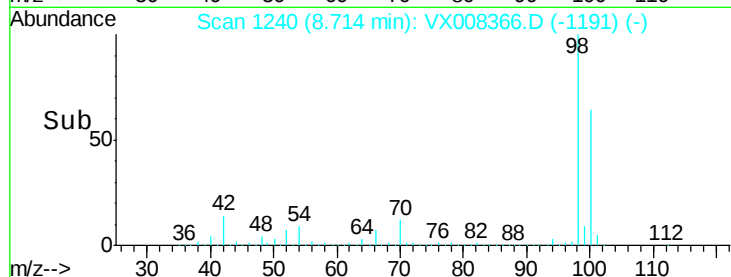
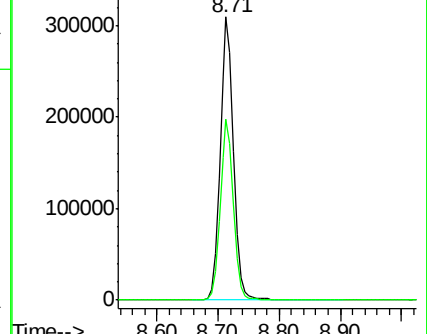
98 100

100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#60

Dibromochloromethane

Concen: 0.389 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.25 min

Lab File: VX008366.D

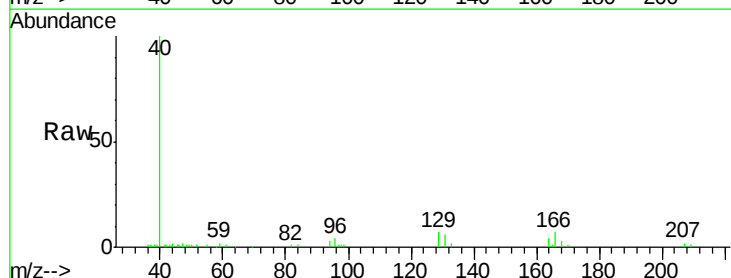
Acq: 23 Mar 2019 21:39

Tgt Ion: 129 Resp: 1048

Ion Ratio Lower Upper

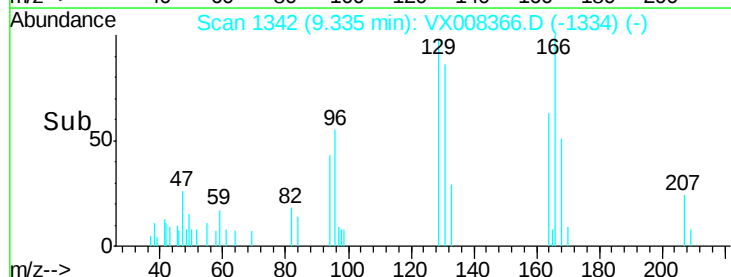
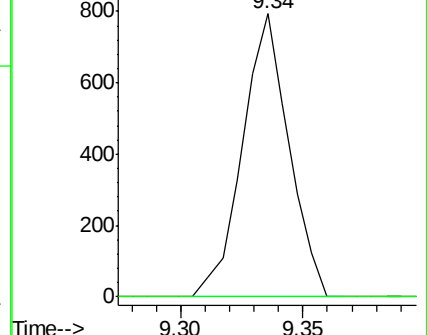
129 100

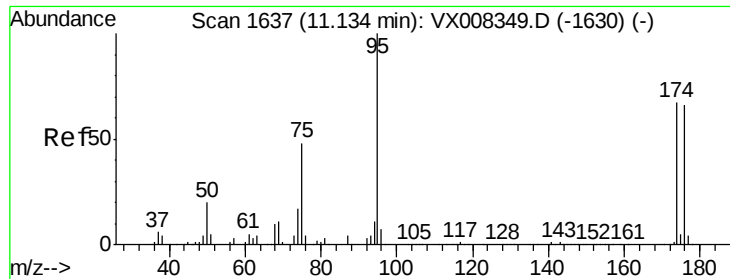
127 0.0 38.3 114.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 44.446 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008366.D

Acq: 23 Mar 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW306S-20190314

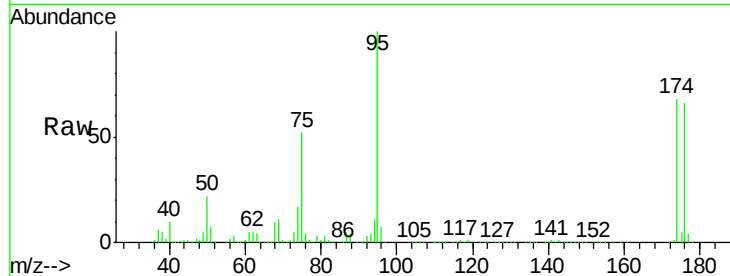
Tot Ion: 95 Resp: 160299

Ion Ratio Lower Upper

95 100

174 72.2 0.0 182.8

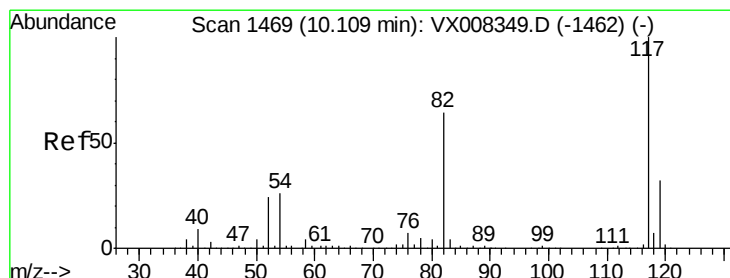
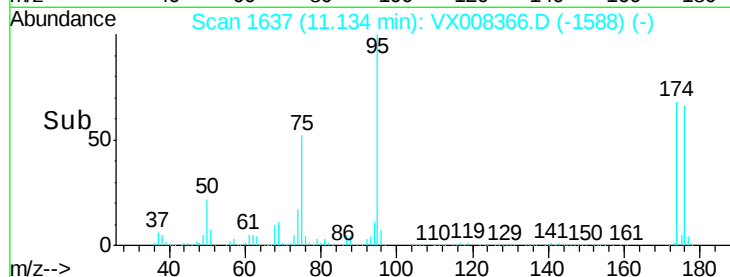
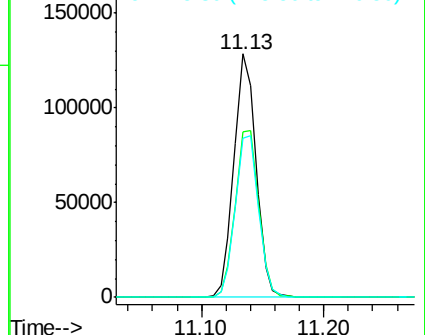
176 69.9 0.0 178.0



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008366.D

Acq: 23 Mar 2019 21:39

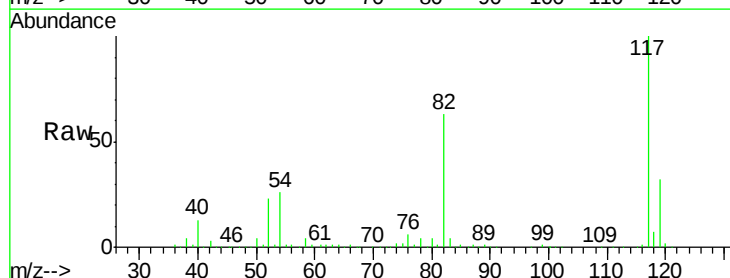
Tgt Ion: 117 Resp: 325890

Ion Ratio Lower Upper

117 100

82 63.2 44.3 66.5

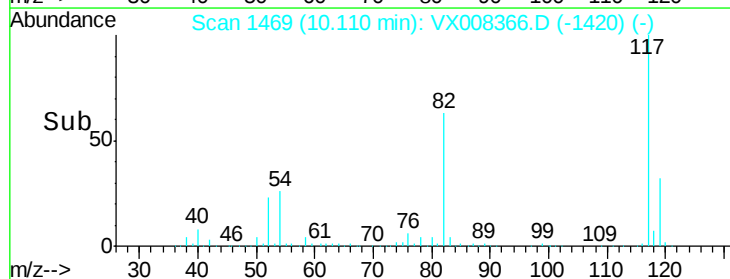
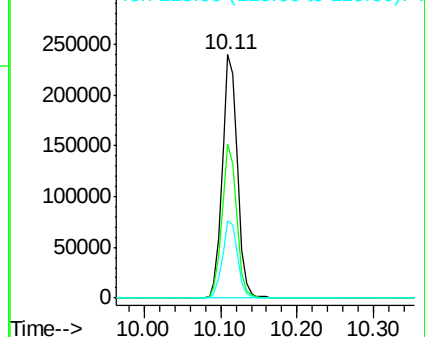
119 31.7 25.3 37.9

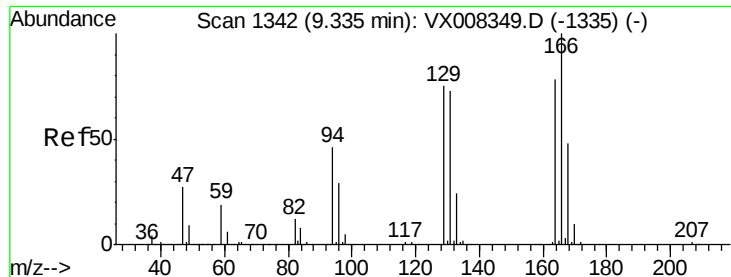


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.442 ug/l

RT: 9.33 min Scan# 1341

Delta R.T. -0.01 min

Lab File: VX008366.D

Acq: 23 Mar 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW306S-20190314

Tot Ion:164 Resp: 941

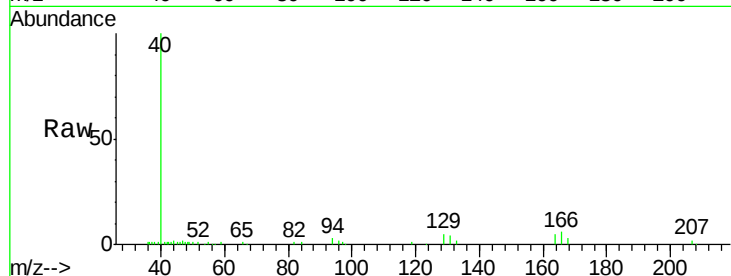
Ion Ratio Lower Upper

164 100

166 138.7 103.4 155.0

129 117.3 72.2 108.4#

131 89.3 69.4 104.2



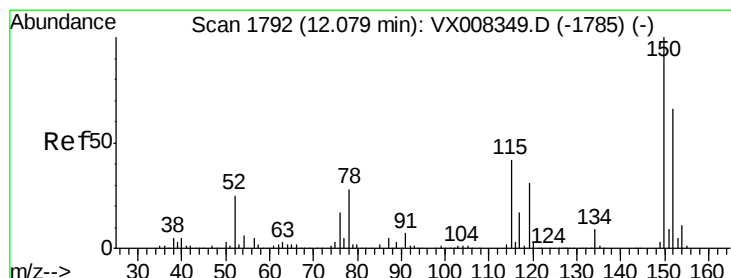
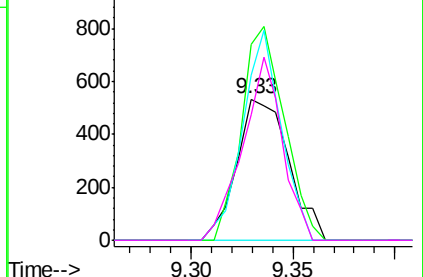
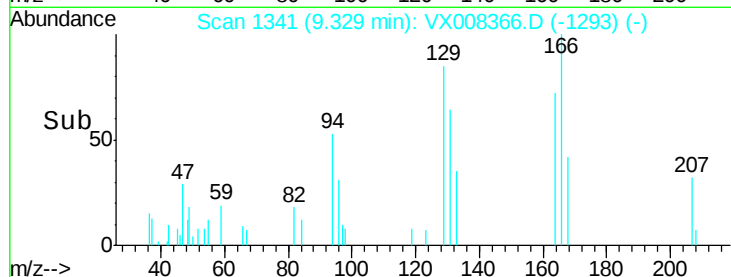
Abundance Ion 163.80 (163.50 to 164.50): V

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

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008366.D

Acq: 23 Mar 2019 21:39

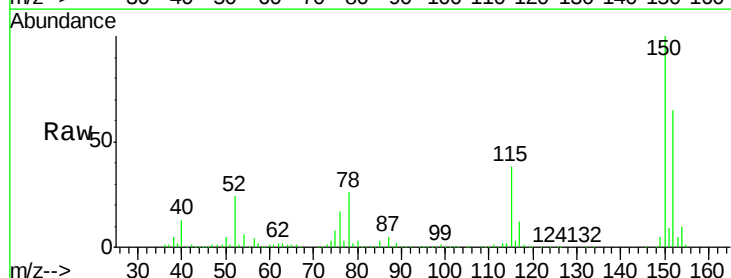
Tgt Ion:152 Resp: 134650

Ion Ratio Lower Upper

152 100

115 61.7 38.6 115.7

150 154.9 0.0 348.4

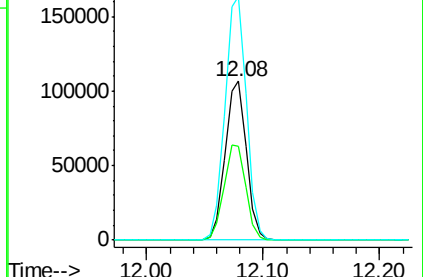
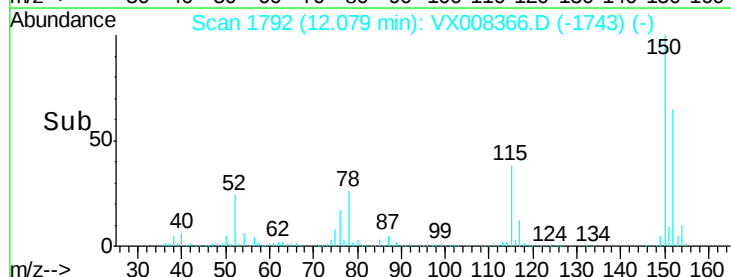


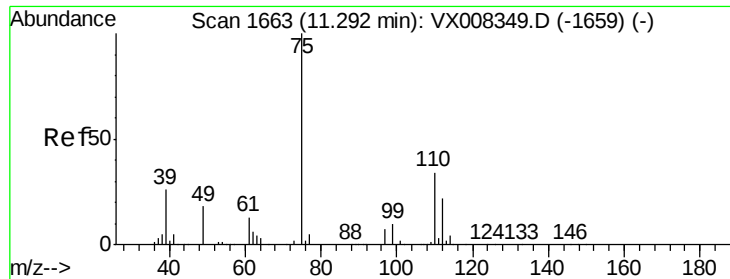
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->

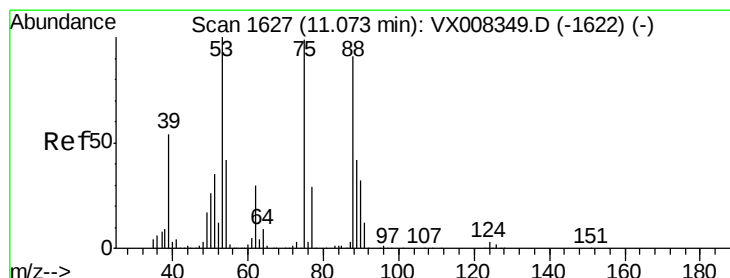
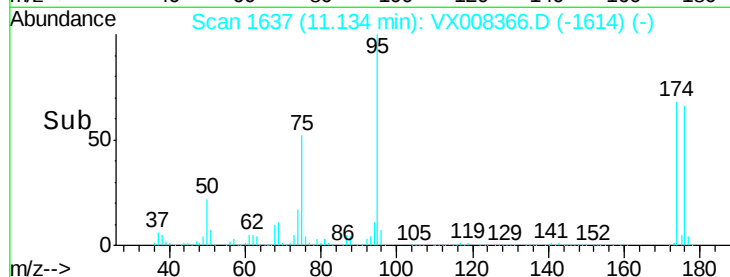
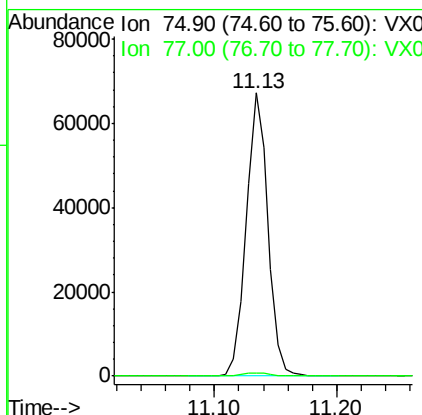
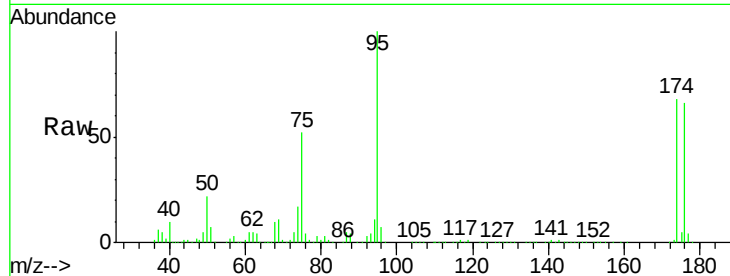




#76
 1,2,3-Trichloropropane
 Concen: 23.456 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX008366.D
 Acq: 23 Mar 2019 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW306S-20190314

Tot Ion: 75 Resp: 82668
 Ion Ratio Lower Upper
 75 100
 77 1.4 18.9 56.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.842 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX008366.D
 Acq: 23 Mar 2019 21:39

Tgt Ion: 75 Resp: 82668
 Ion Ratio Lower Upper
 75 100
 53 0.2 76.1 114.1#
 89 0.0 36.3 54.5#

