

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032319\
 Data File : VX008362.D
 Acq On : 23 Mar 2019 20:06
 Operator : JC/SP
 Sample : K1937-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW310S-20190314

Quant Time: Mar 25 08:01:59 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	223691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	391229	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136716	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	166394	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
35) Dibromofluoromethane	5.50	113	120848	47.68	ug/l	0.00
Spiked Amount			Recovery	=	95.36%	
50) Toluene-d8	8.71	98	491932	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
62) 4-Bromofluorobenzene	11.13	95	166157	45.14	ug/l	0.00
Spiked Amount			Recovery	=	90.28%	

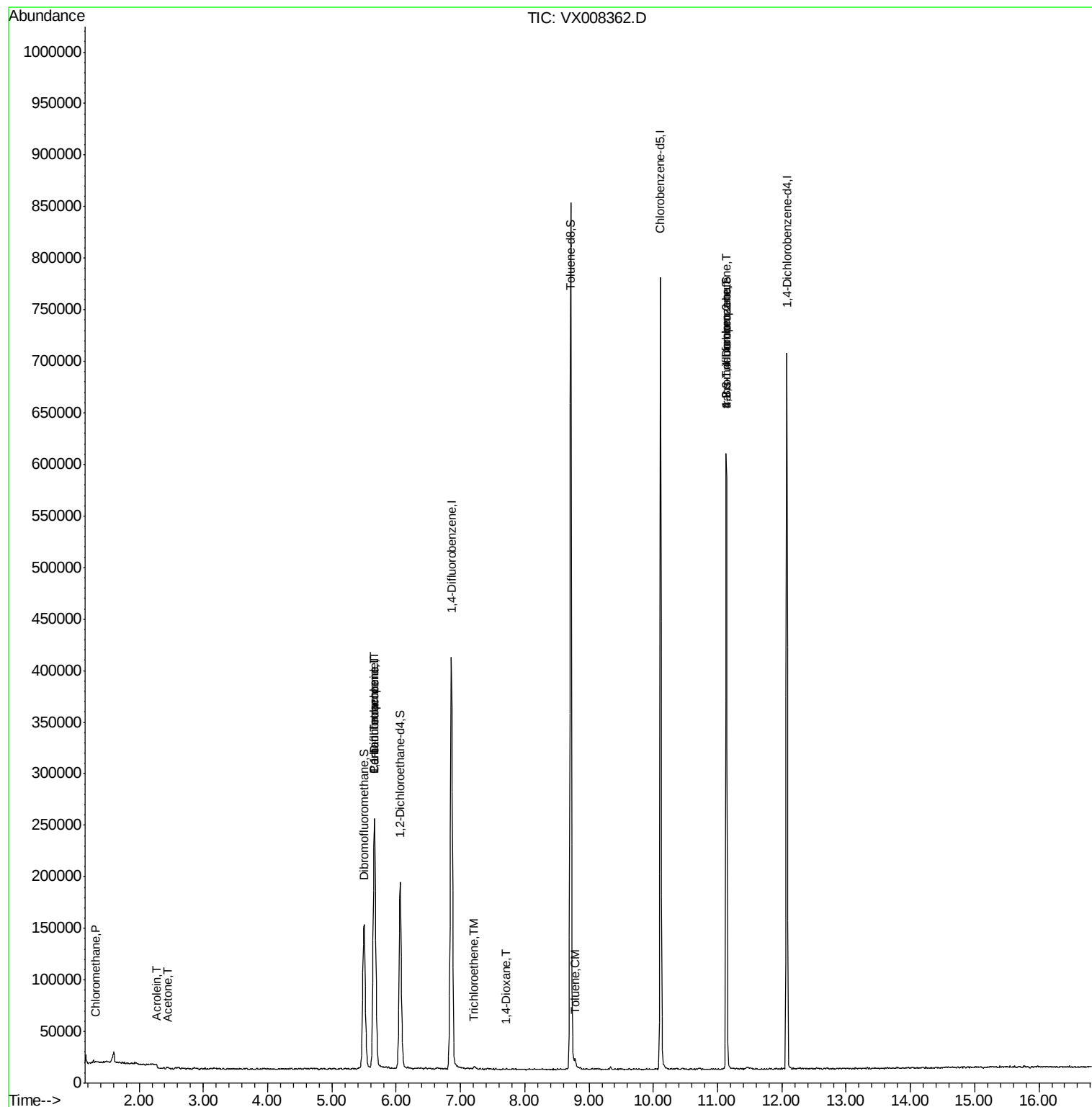
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	807	0.215	ug/l #	74
13) Acrolein	2.28	56	214	0.330	ug/l #	49
16) Acetone	2.44	43	1024	0.600	ug/l	89
36) 1,1-Dichloropropene	5.66	75	19887	4.975	ug/l #	48
38) Carbon Tetrachloride	5.66	117	22616	6.599	ug/l #	16
44) Trichloroethene	7.21	130	855	0.302	ug/l	96
49) 1,4-Dioxane	7.72	88	19	0.222	ug/l #	1
52) Toluene	8.78	92	2096	0.294	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	85085	23.777	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	85085	67.757	ug/l #	11

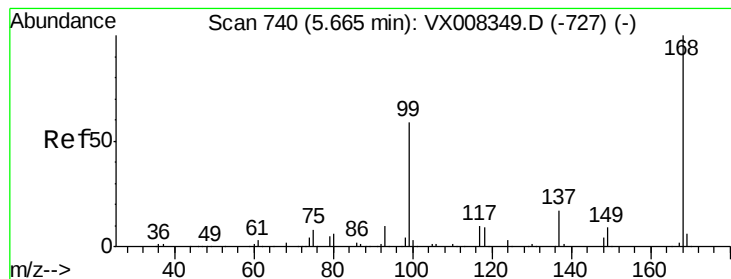
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008362.D

Acq: 23 Mar 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

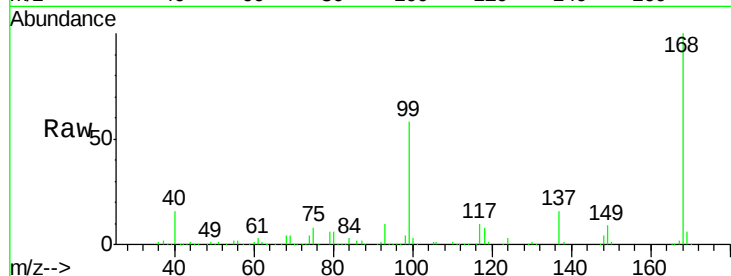
BPS1-TT-MW310S-20190314

Tot Ion:168 Resp: 223691

Ion Ratio Lower Upper

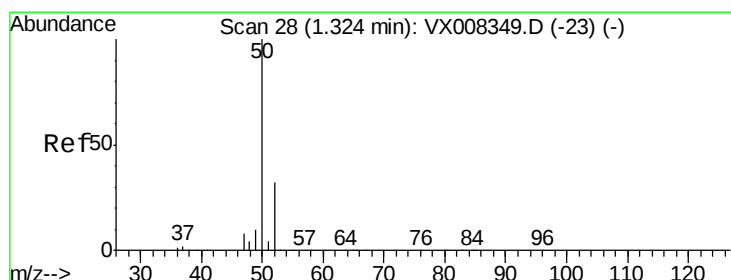
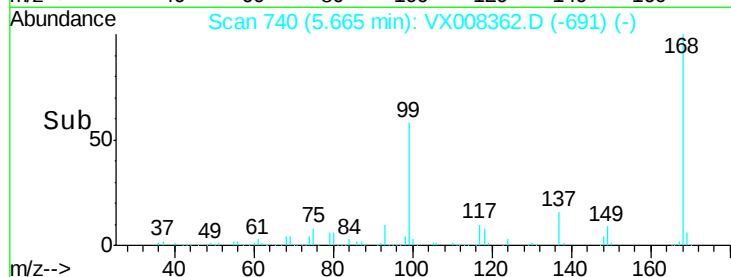
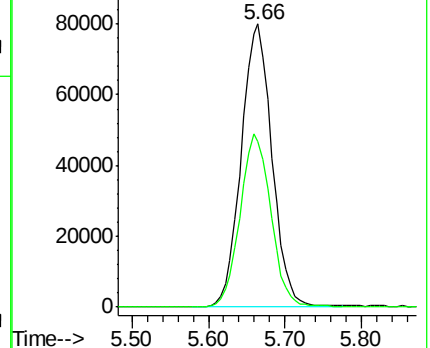
168 100

99 58.4 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: 0.215 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008362.D

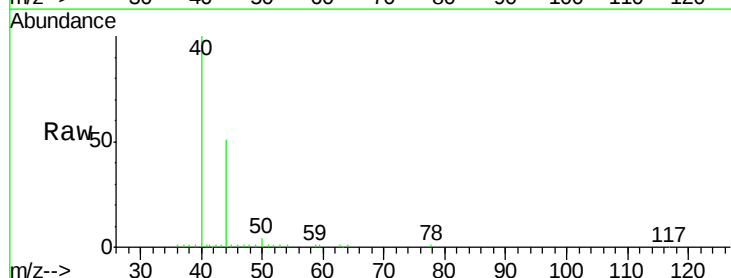
Acq: 23 Mar 2019 20:06

Tgt Ion: 50 Resp: 807

Ion Ratio Lower Upper

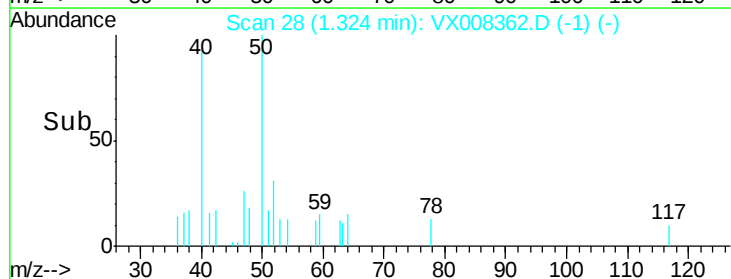
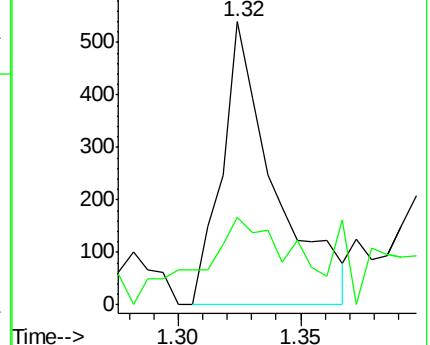
50 100

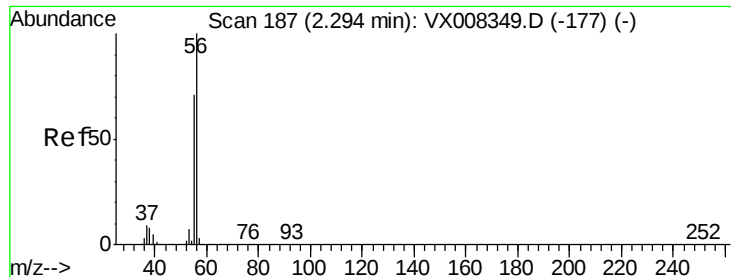
52 18.4 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#13

Acrolein

Concen: 0.330 ug/l

RT: 2.28 min Scan# 184

Delta R.T. -0.02 min

Lab File: VX008362.D

Acq: 23 Mar 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

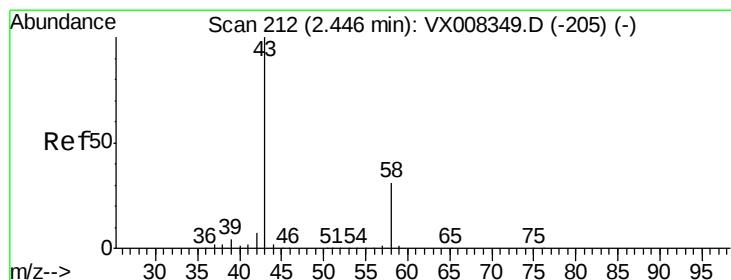
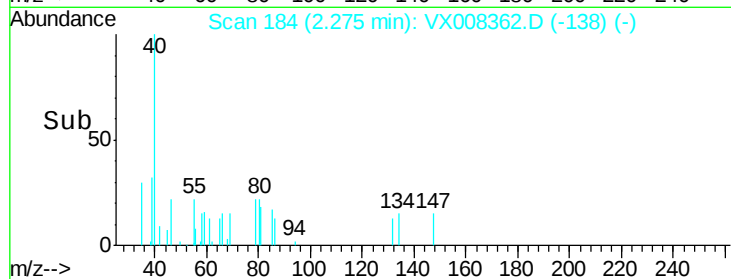
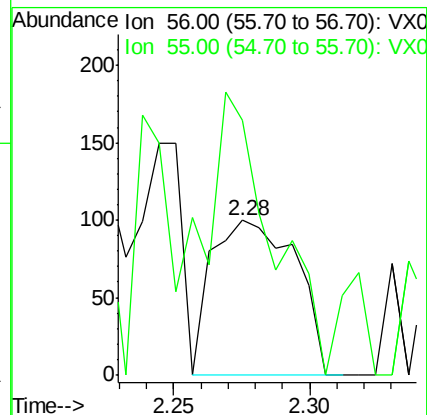
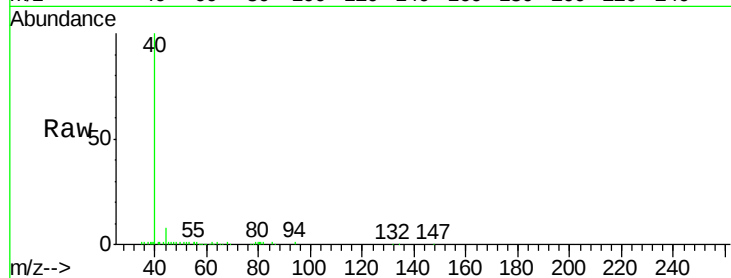
BPS1-TT-MW310S-20190314

Tot Ion: 56 Resp: 214

Ion Ratio Lower Upper

56 100

55 115.0 57.8 86.6#



#16

Acetone

Concen: 0.600 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008362.D

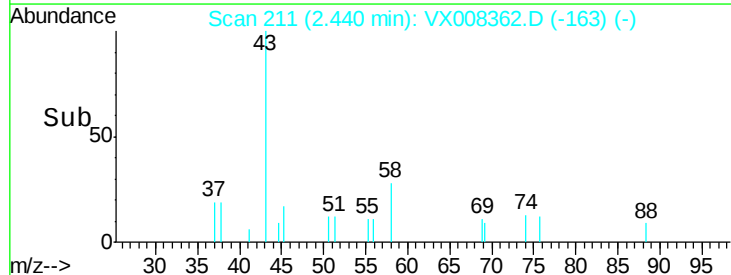
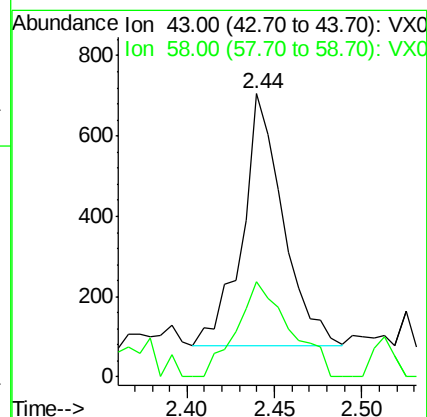
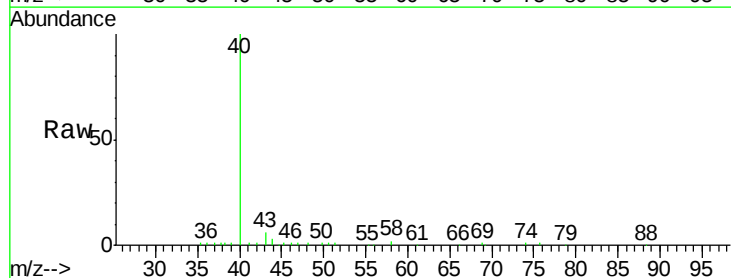
Acq: 23 Mar 2019 20:06

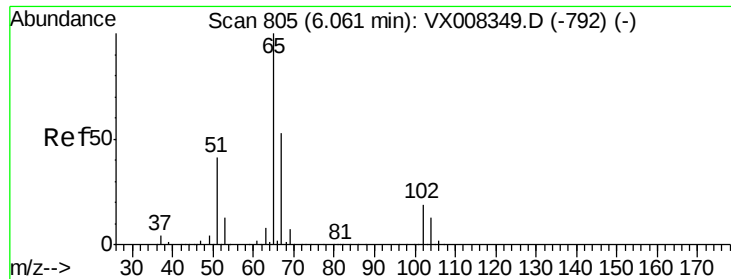
Tgt Ion: 43 Resp: 1024

Ion Ratio Lower Upper

43 100

58 37.9 25.5 38.3





#33

1,2-Dichloroethane-d4

Concen: 48.771 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008362.D

Acq: 23 Mar 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

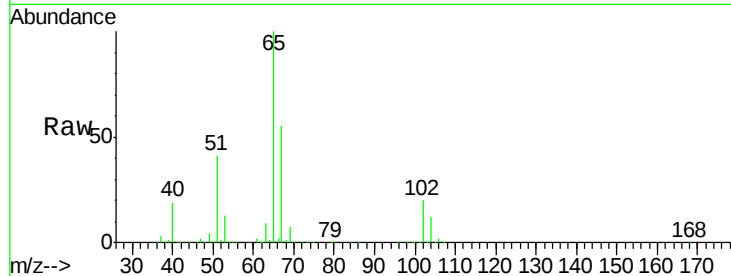
BPS1-TT-MW310S-20190314

Tot Ion: 65 Resp: 166394

Ion Ratio Lower Upper

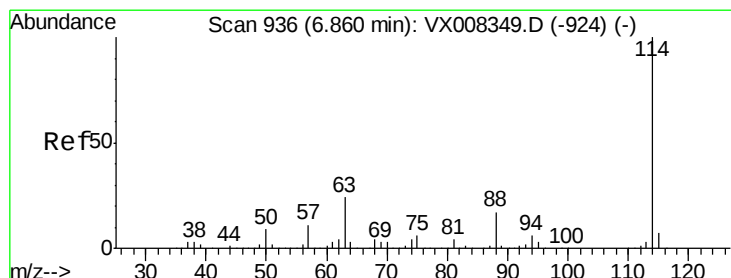
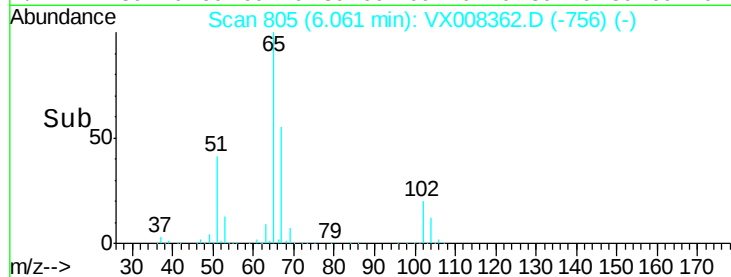
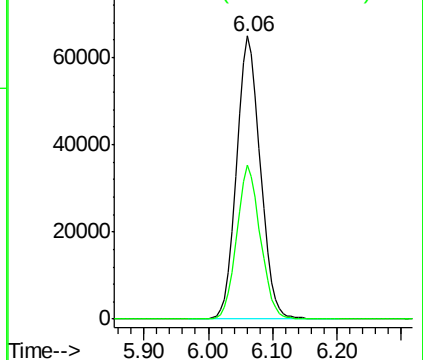
65 100

67 54.1 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: VX008362.D

Acq: 23 Mar 2019 20:06

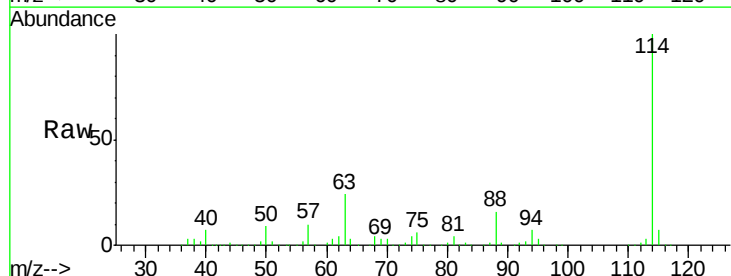
Tgt Ion: 114 Resp: 391229

Ion Ratio Lower Upper

114 100

63 24.0 0.0 39.8

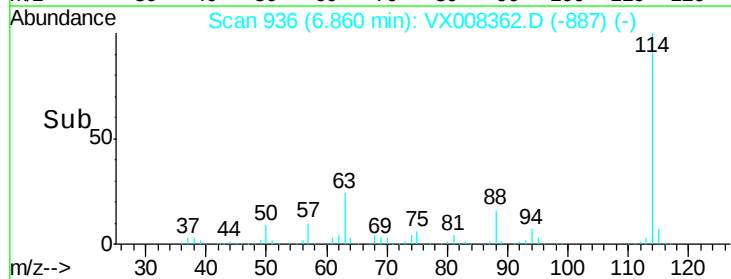
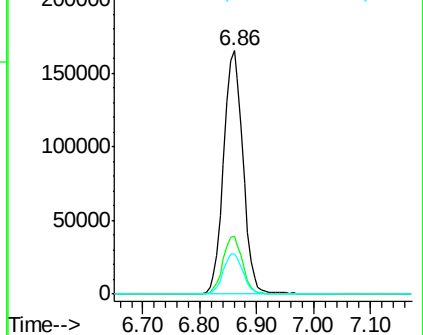
88 16.3 0.0 31.4

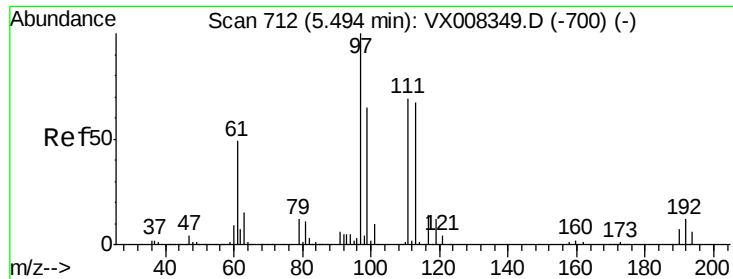


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

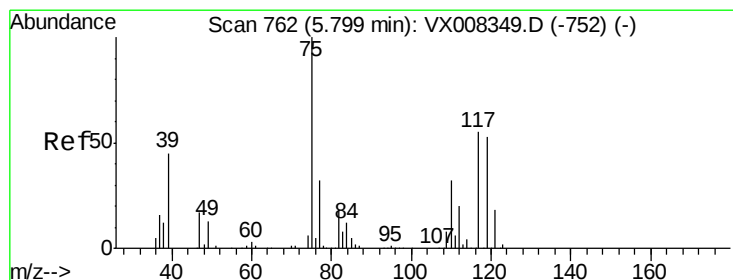
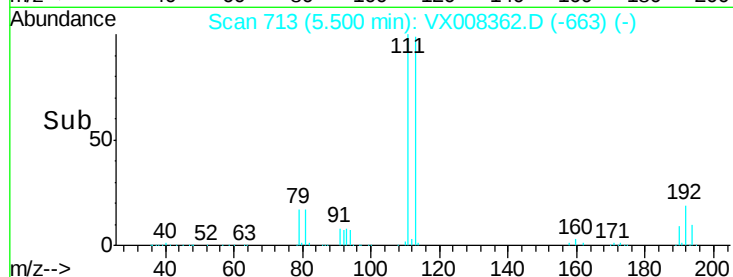
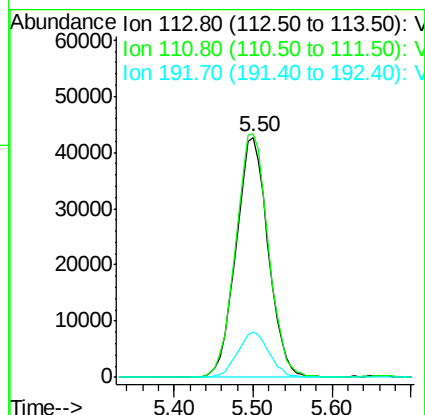
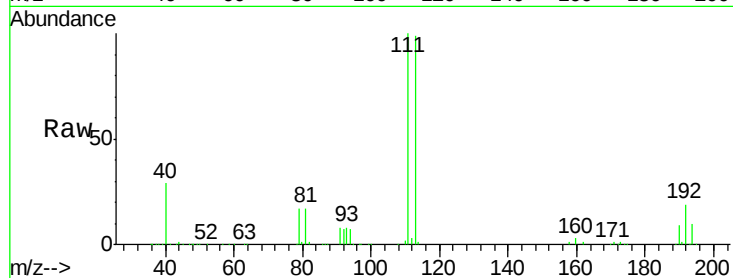




#35
 Dibromofluoromethane
 Concen: 47.676 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX008362.D
 Acq: 23 Mar 2019 20:06

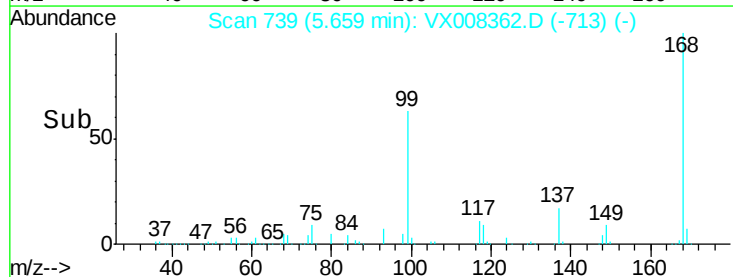
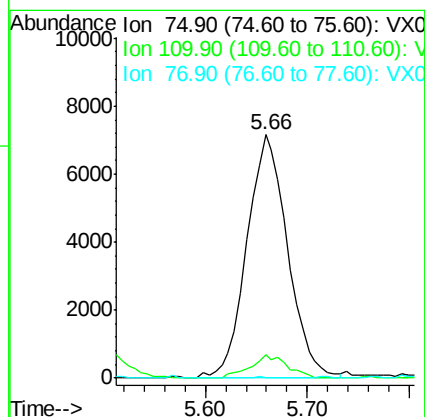
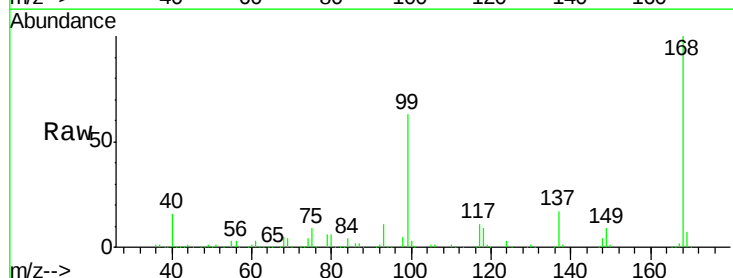
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW310S-20190314

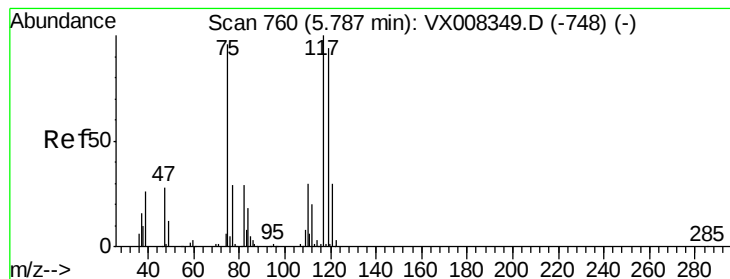
Tot Ion:113 Resp: 120848
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.4 122.0
 192 18.8 19.4 29.0#



#36
 1,1-Dichloropropene
 Concen: 4.975 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX008362.D
 Acq: 23 Mar 2019 20:06

Tgt Ion: 75 Resp: 19887
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.4 55.0#
 77 0.1 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.599 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX008362.D

Acq: 23 Mar 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW310S-20190314

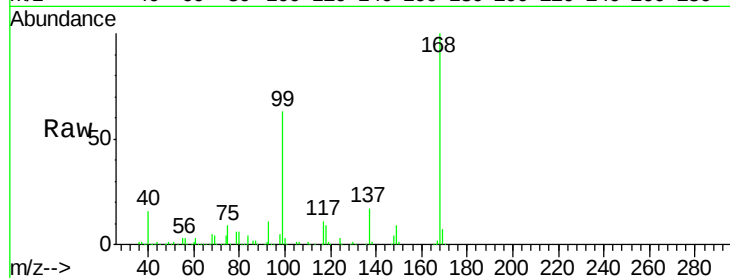
Tot Ion:117 Resp: 22616

Ion Ratio Lower Upper

117 100

119 5.1 76.2 114.2#

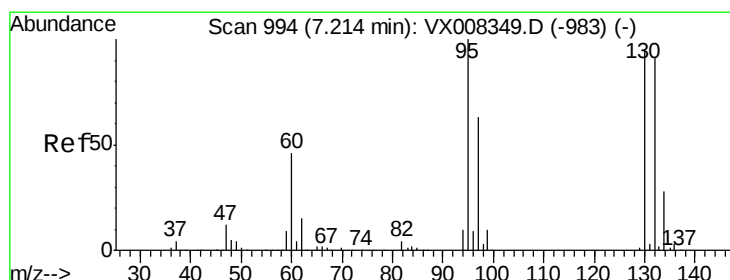
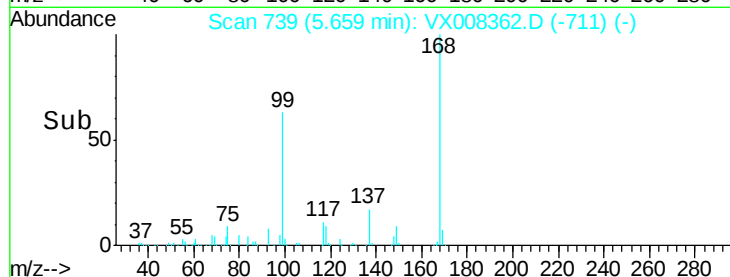
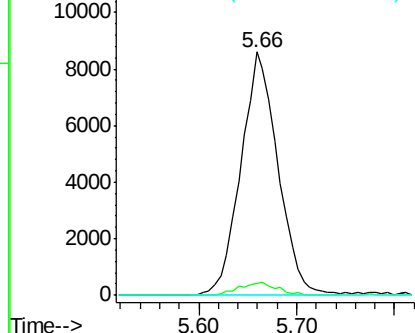
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 0.302 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008362.D

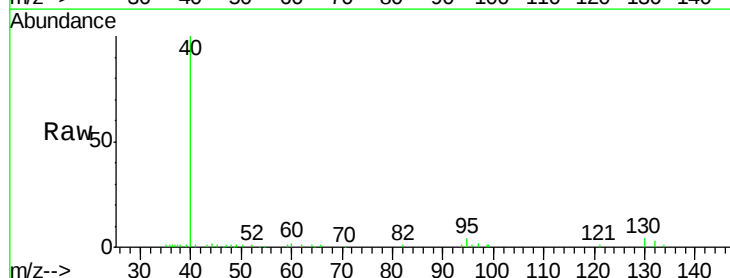
Acq: 23 Mar 2019 20:06

Tgt Ion:130 Resp: 855

Ion Ratio Lower Upper

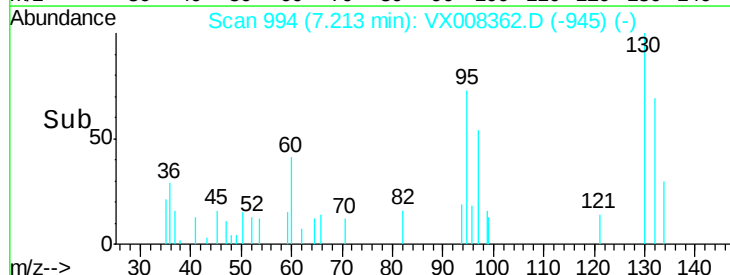
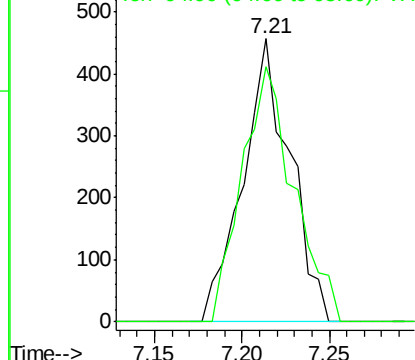
130 100

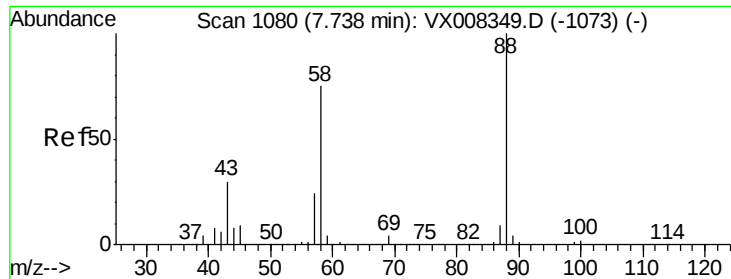
95 90.2 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

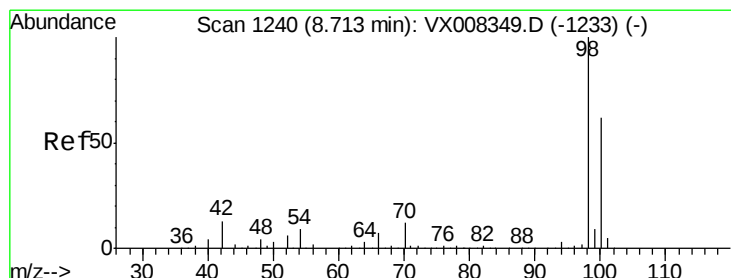
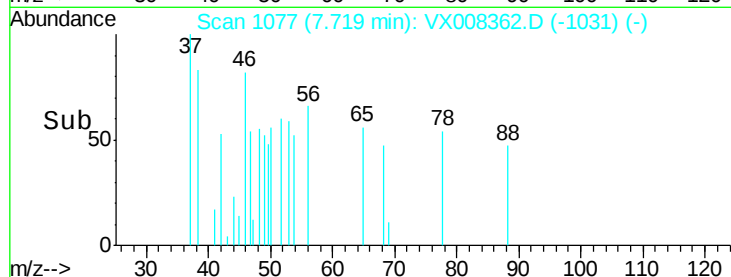
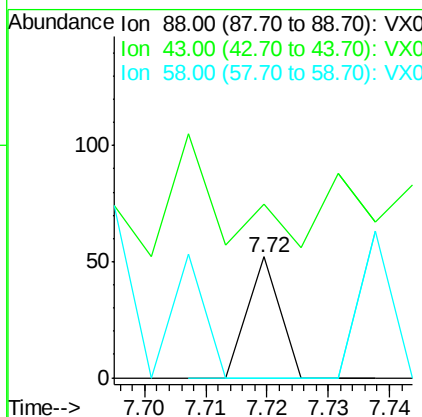
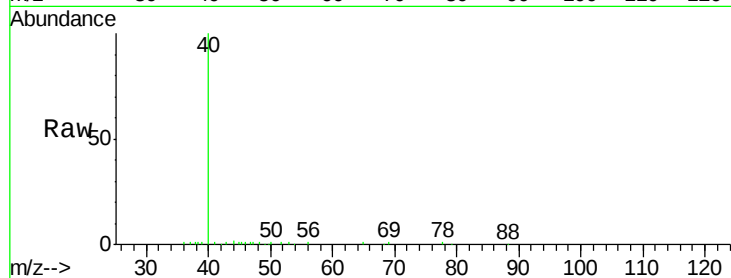




#49
 1,4-Dioxane
 Concen: 0.222 ug/l
 RT: 7.72 min Scan# 1077
 Delta R.T. -0.02 min
 Lab File: VX008362.D
 Acq: 23 Mar 2019 20:06

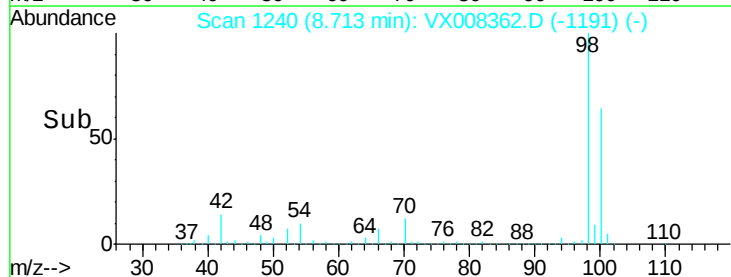
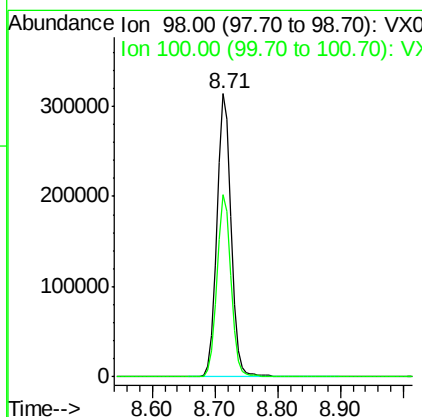
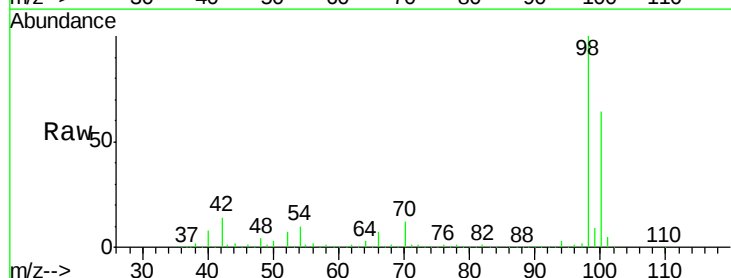
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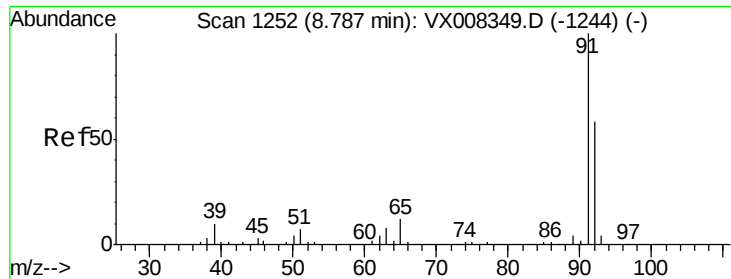
Tot Ion: 88 Resp: 19
 Ion Ratio Lower Upper
 88 100
 43 163.2 25.1 37.7#
 58 0.0 57.8 86.6#



#50
 Toluene-d8
 Concen: 49.067 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008362.D
 Acq: 23 Mar 2019 20:06

Tgt Ion: 98 Resp: 491932
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.7 77.5





#52

Toluene

Concen: 0.294 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008362.D

Acq: 23 Mar 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

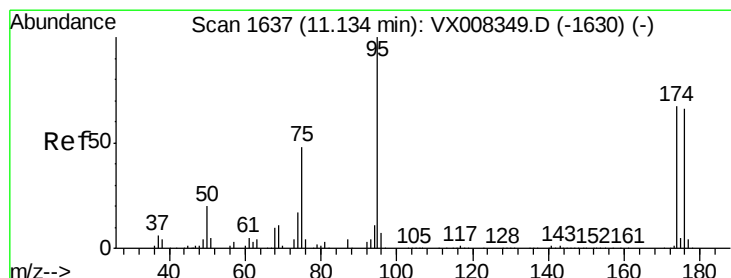
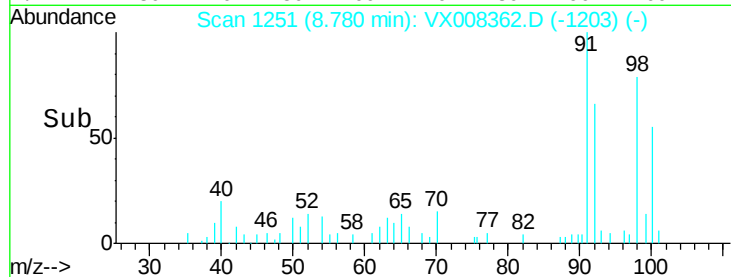
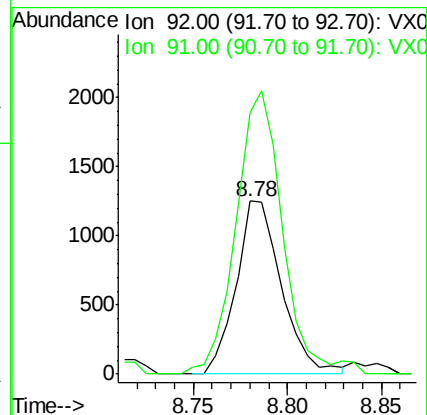
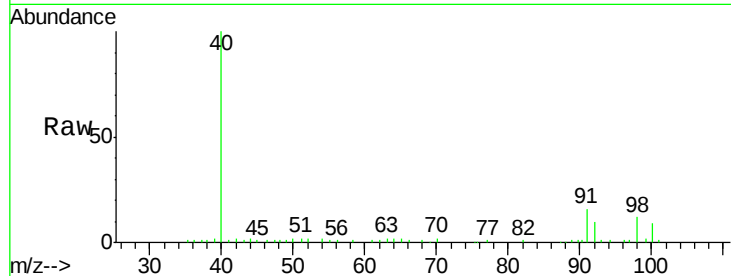
BPS1-TT-MW310S-20190314

Tot Ion: 92 Resp: 2096

Ion Ratio Lower Upper

92 100

91 168.0 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 45.139 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008362.D

Acq: 23 Mar 2019 20:06

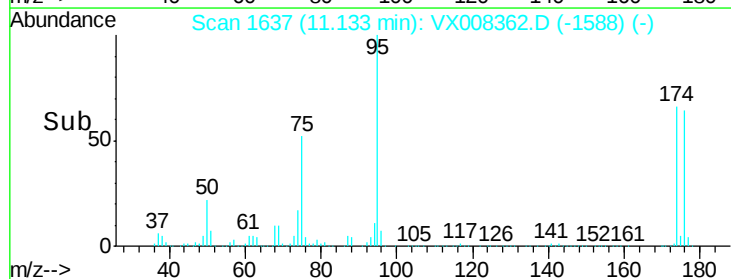
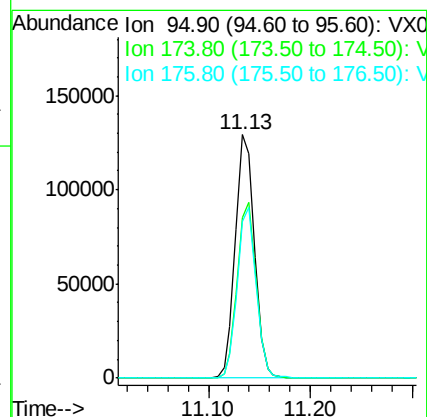
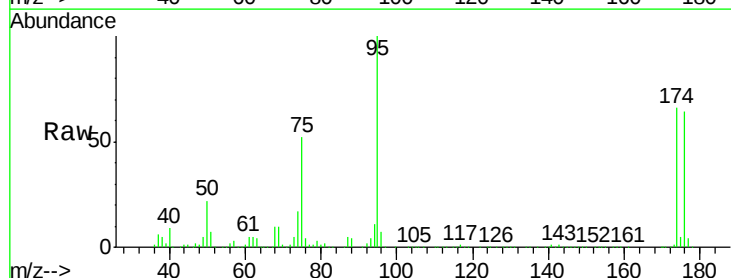
Tgt Ion: 95 Resp: 166157

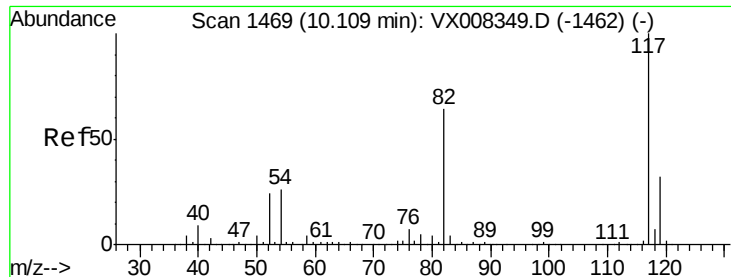
Ion Ratio Lower Upper

95 100

174 71.8 0.0 182.8

176 69.1 0.0 178.0

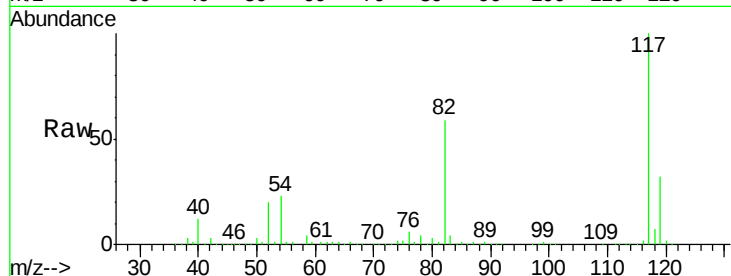




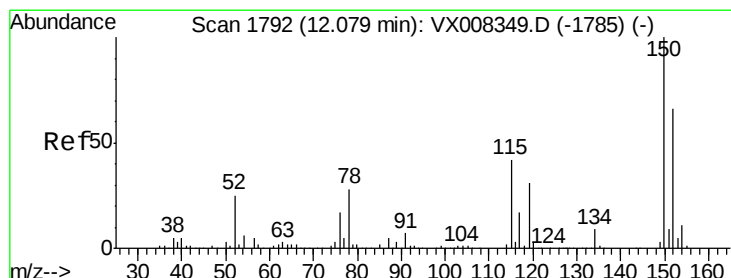
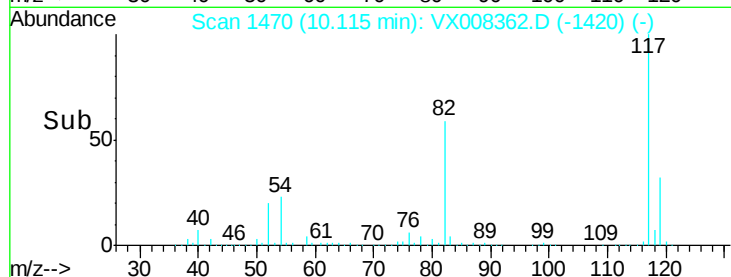
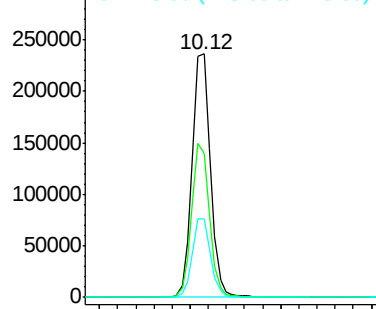
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008362.D
Acq: 23 Mar 2019 20:06

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW310S-20190314

Tot Ion:117 Resp: 335035
Ion Ratio Lower Upper
117 100
82 59.1 44.3 66.5
119 32.3 25.3 37.9

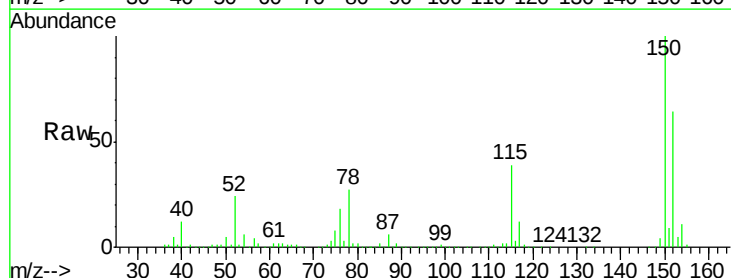


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

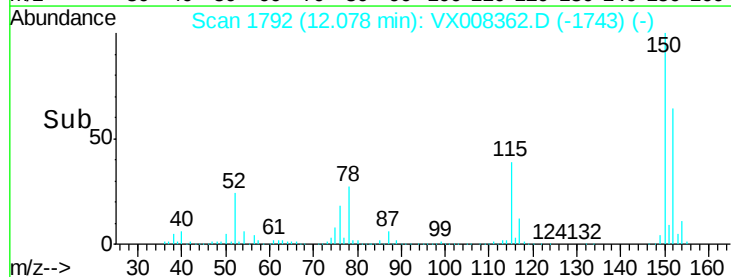
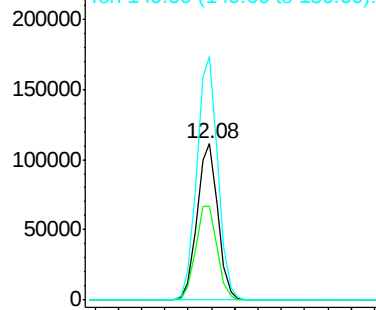


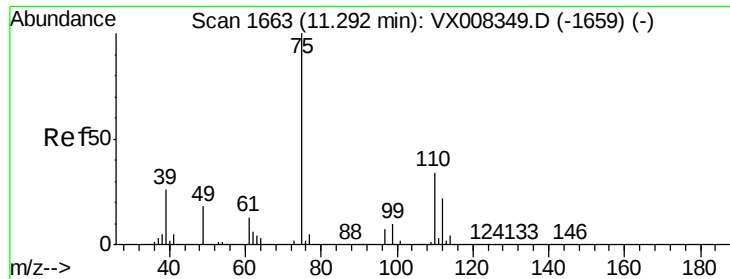
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008362.D
Acq: 23 Mar 2019 20:06

Tgt Ion:152 Resp: 136716
Ion Ratio Lower Upper
152 100
115 62.7 38.6 115.7
150 157.6 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

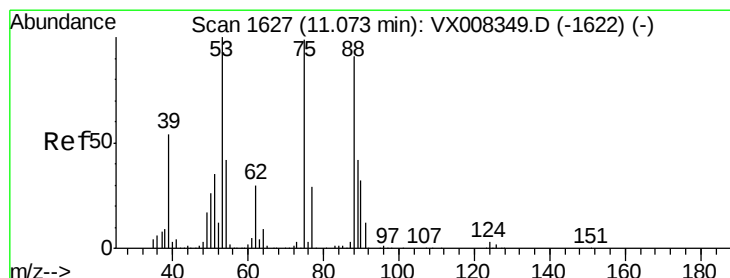
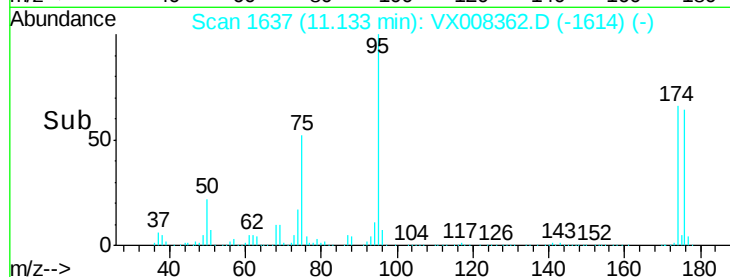
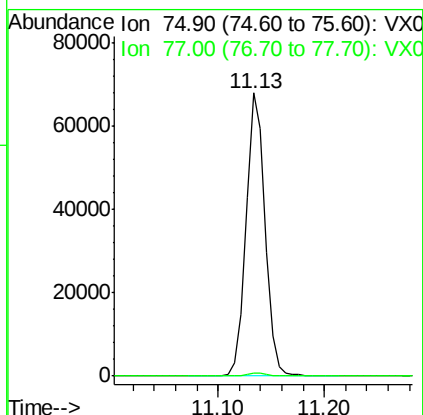
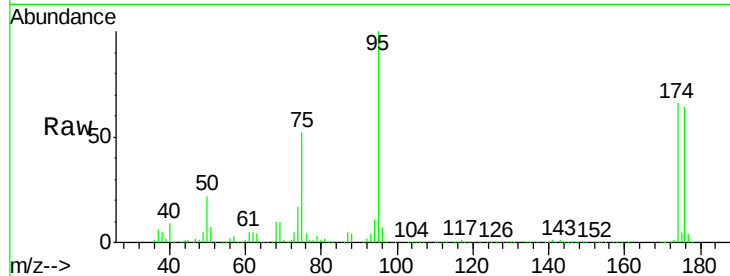




#76
1,2,3-Trichloropropane
Concen: 23.777 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008362.D
Acq: 23 Mar 2019 20:06

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW310S-20190314

Tot Ion: 75 Resp: 85085
Ion Ratio Lower Upper
75 100
77 1.3 18.9 56.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.757 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008362.D
Acq: 23 Mar 2019 20:06

Tgt Ion: 75 Resp: 85085
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.0 36.3 54.5#

