

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032319\
 Data File : VX008370.D
 Acq On : 23 Mar 2019 23:12
 Operator : JC/SP
 Sample : K1937-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303S-20190314

Quant Time: Mar 25 08:04:26 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

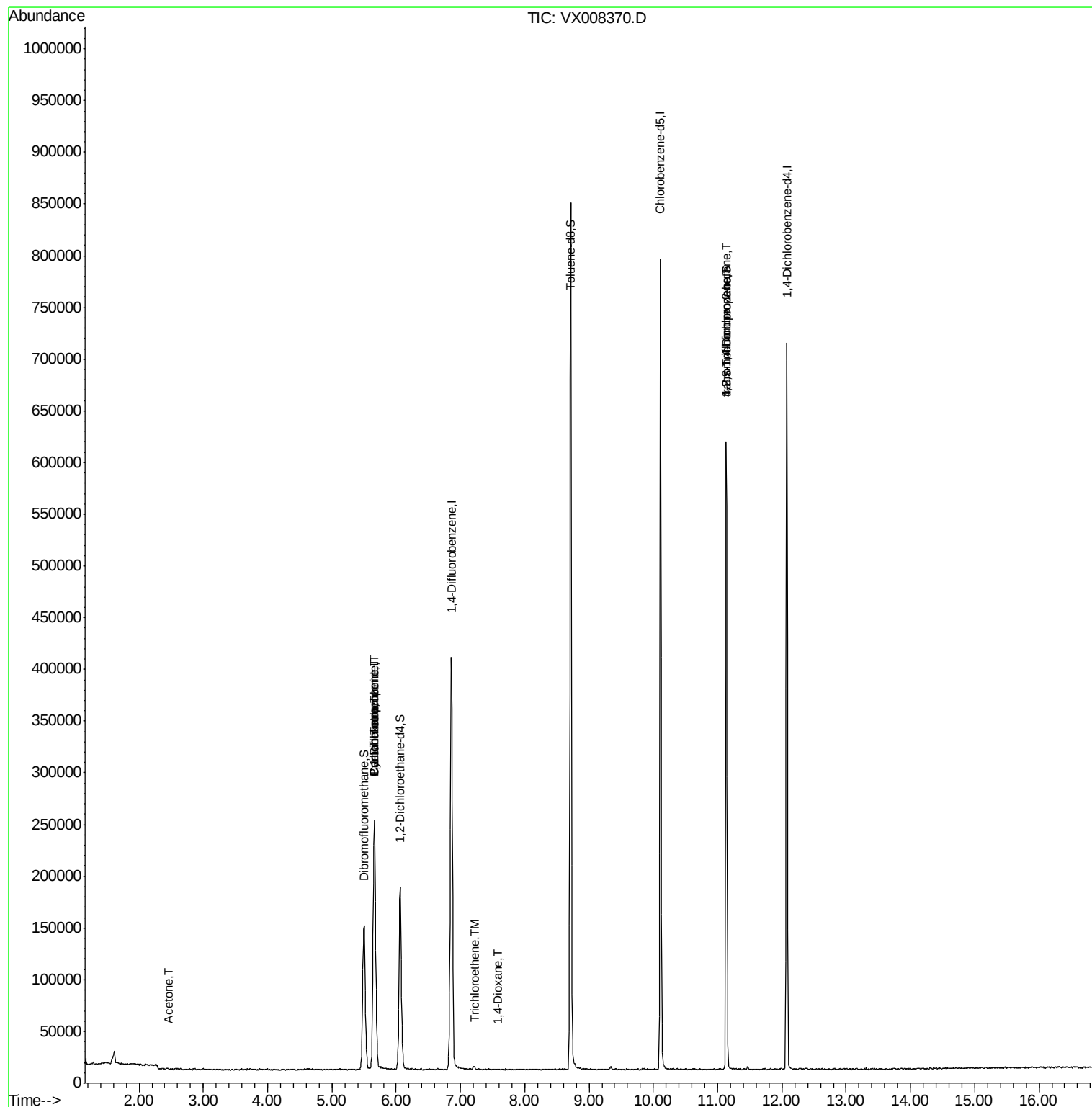
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	385002	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	332693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	137547	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	166059	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
35) Dibromofluoromethane	5.50	113	120524	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
50) Toluene-d8	8.71	98	488147	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	11.13	95	164087	45.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.60%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	1213	0.717	ug/l #	71
31) Cyclohexane	5.67	56	5575	1.048	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	19591	4.980	ug/l #	48
38) Carbon Tetrachloride	5.66	117	22524	6.679	ug/l #	16
44) Trichloroethene	7.21	130	1097	0.394	ug/l	98
49) 1,4-Dioxane	7.58	88	19	0.225	ug/l #	22
76) 1,2,3-Trichloropropane	11.13	75	84298	23.414	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	84298	66.725	ug/l #	12

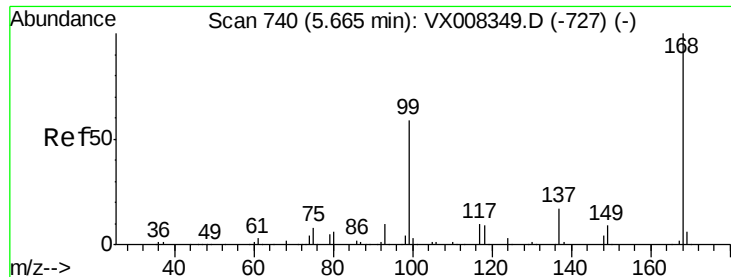
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008370.D

Acq: 23 Mar 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

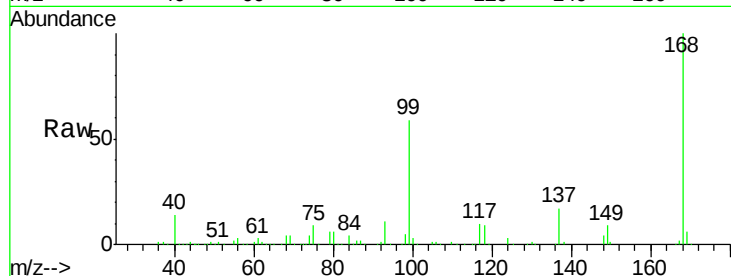
BPS1-TT-MW303S-20190314

Tot Ion:168 Resp: 221871

Ion Ratio Lower Upper

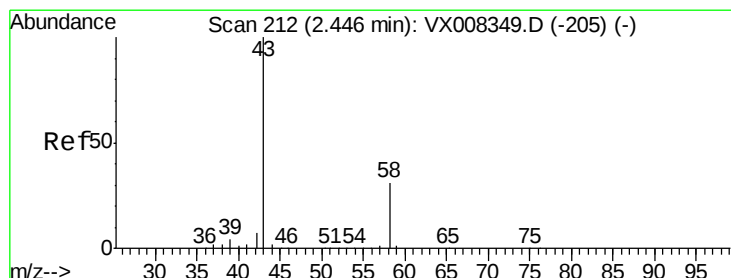
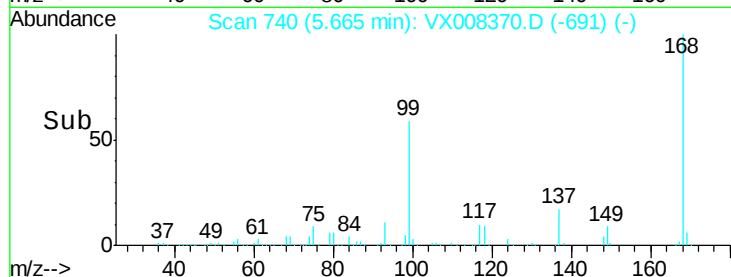
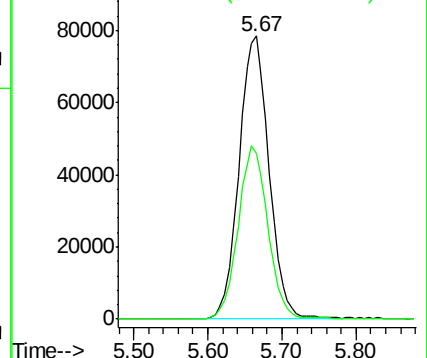
168 100

99 58.5 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 0.717 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008370.D

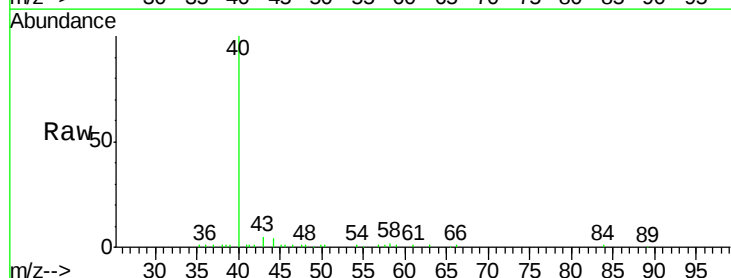
Acq: 23 Mar 2019 23:12

Tgt Ion: 43 Resp: 1213

Ion Ratio Lower Upper

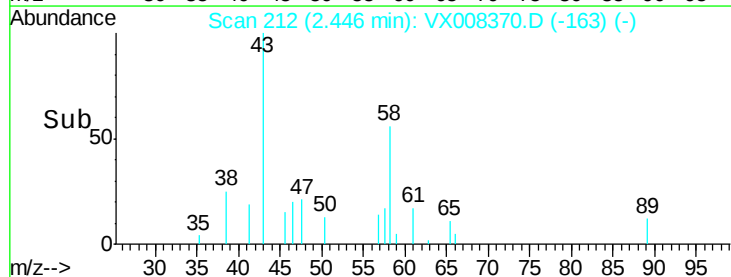
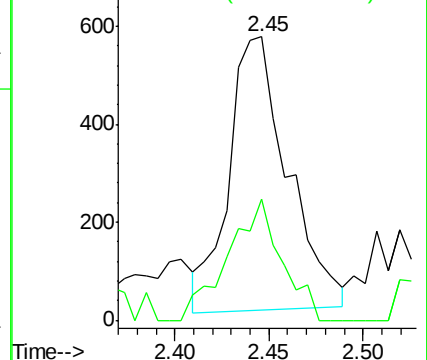
43 100

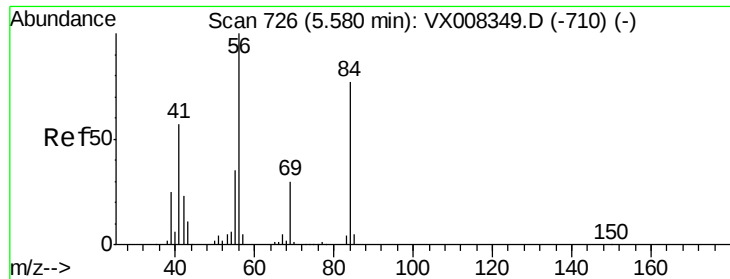
58 48.0 25.5 38.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

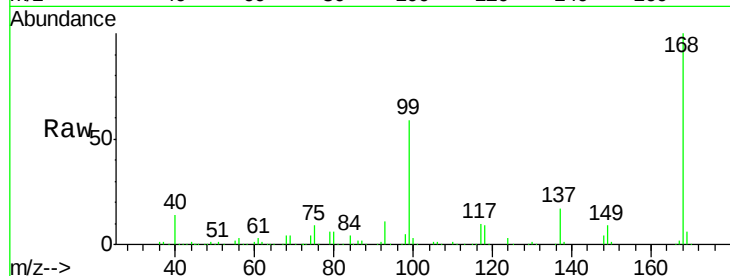




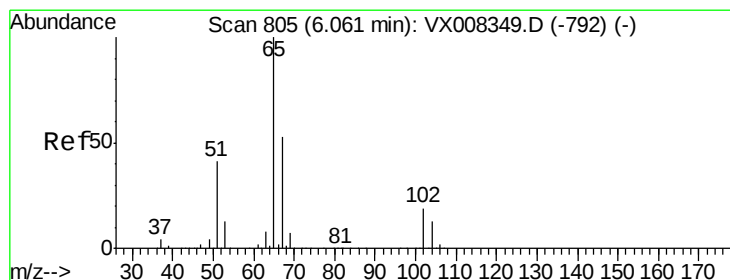
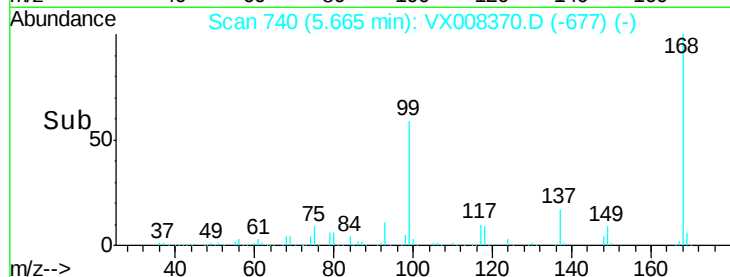
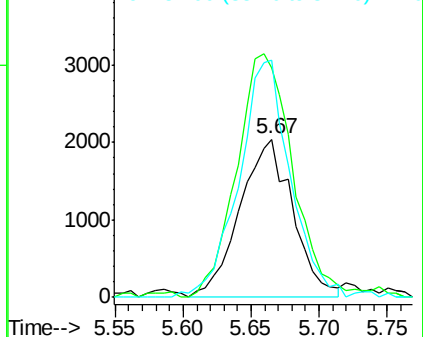
#31
Cyclohexane
Concen: 1.048 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX008370.D
Acq: 23 Mar 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303S-20190314

Tot Ion: 56 Resp: 5575
Ion Ratio Lower Upper
56 100
69 144.9 24.0 36.0#
84 147.0 65.3 97.9#

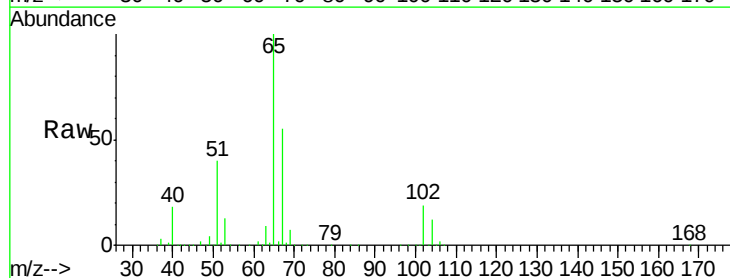


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

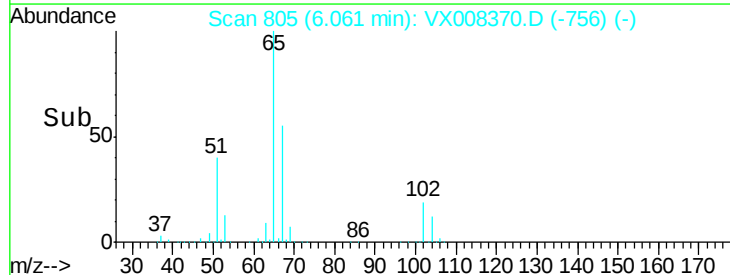
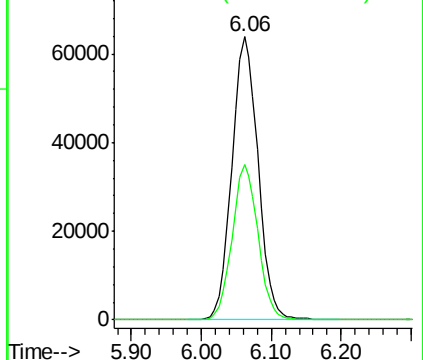


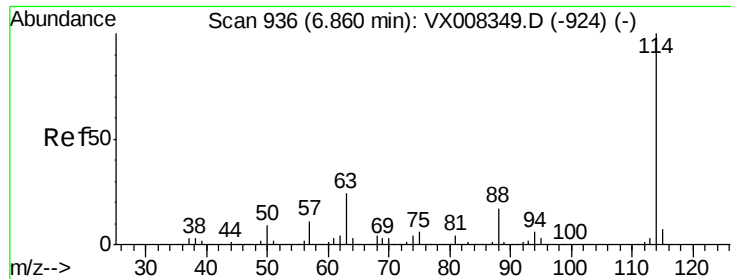
#33
1,2-Dichloroethane-d4
Concen: 49.072 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008370.D
Acq: 23 Mar 2019 23:12

Tgt Ion: 65 Resp: 166059
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

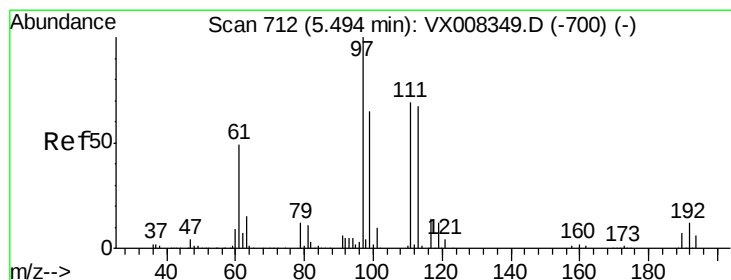
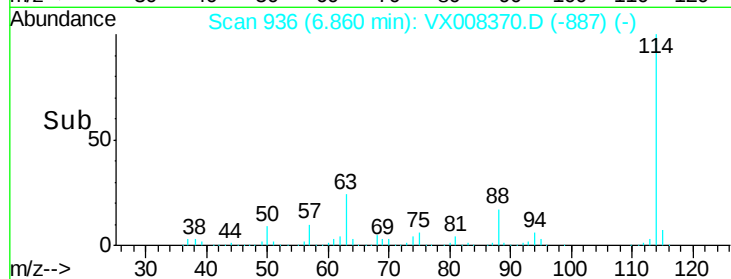
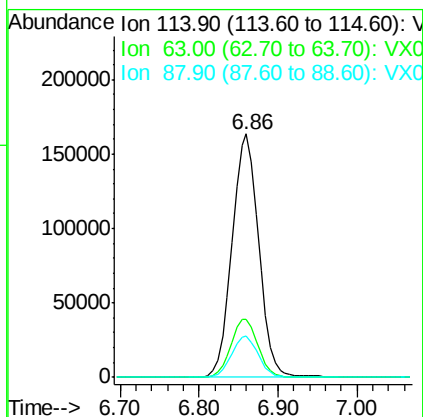
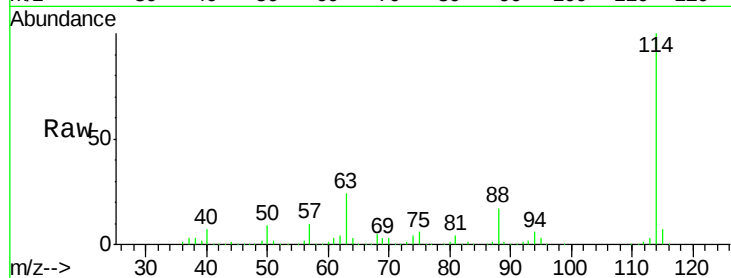




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008370.D
Acq: 23 Mar 2019 23:12

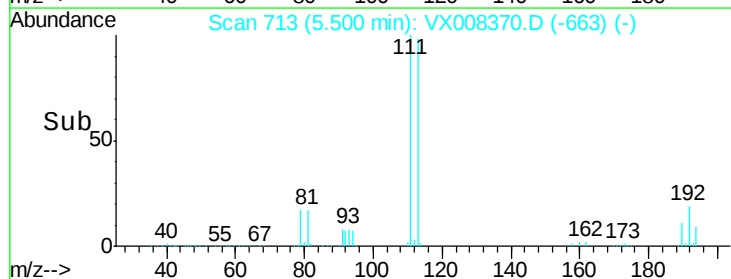
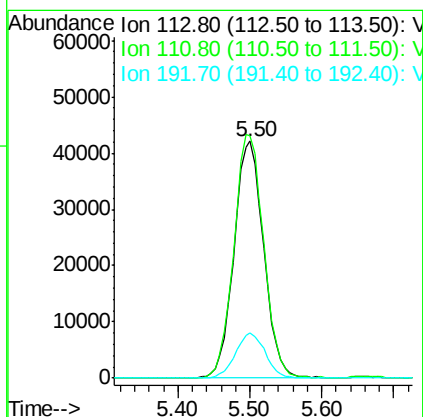
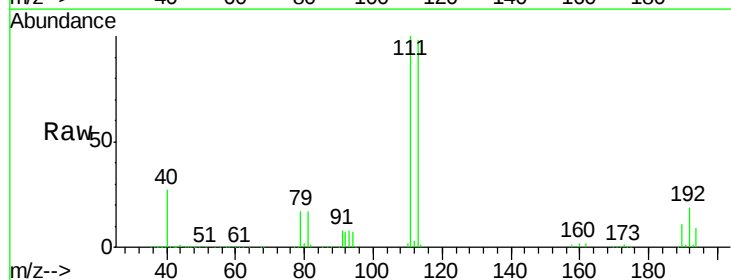
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303S-20190314

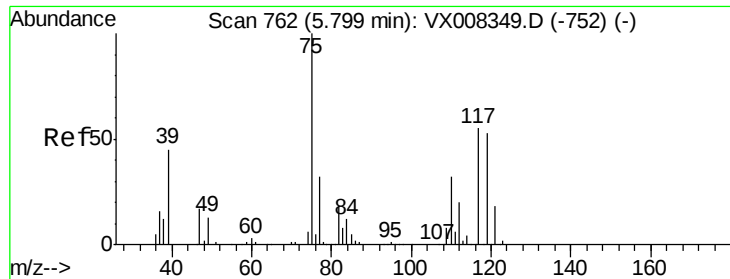
Tot Ion:114 Resp: 385002
Ion Ratio Lower Upper
114 100
63 23.7 0.0 39.8
88 17.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.318 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX008370.D
Acq: 23 Mar 2019 23:12

Tgt Ion:113 Resp: 120524
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 19.2 19.4 29.0#

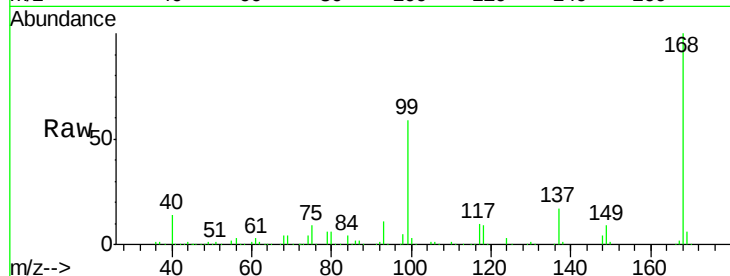




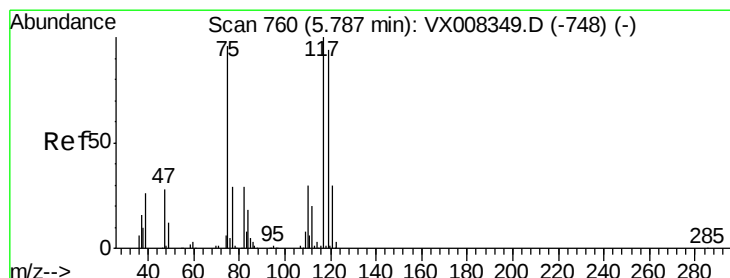
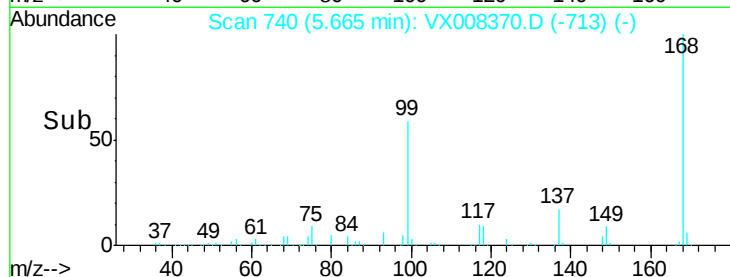
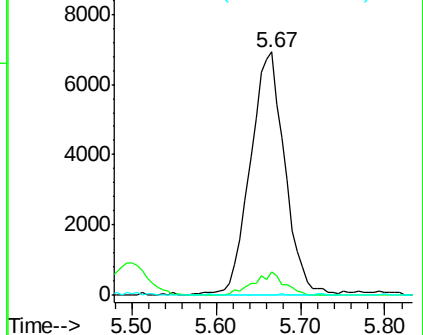
#36
 1,1-Dichloropropene
 Concen: 4.980 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX008370.D
 Acq: 23 Mar 2019 23:12

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303S-20190314

Tot Ion: 75 Resp: 19591
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.4 55.0#
 77 0.1 25.0 37.4#

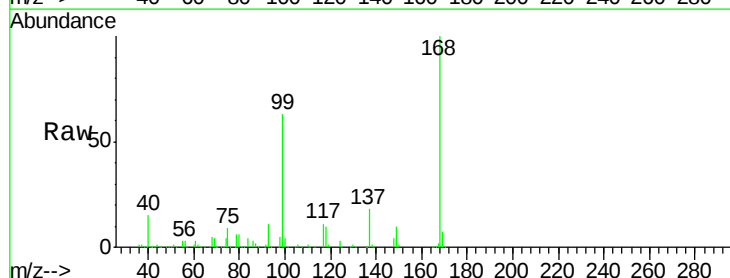


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

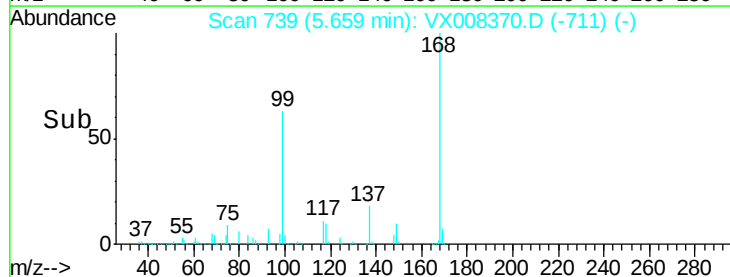
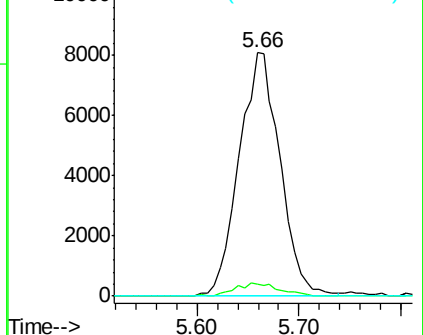


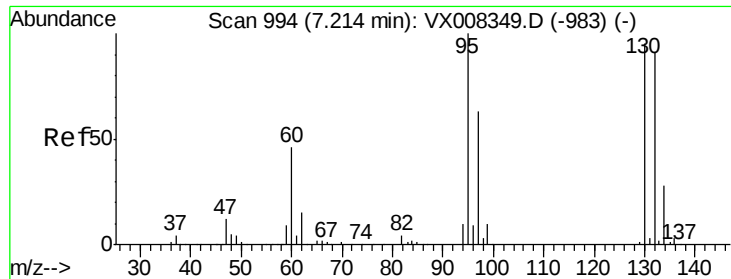
#38
 Carbon Tetrachloride
 Concen: 6.679 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX008370.D
 Acq: 23 Mar 2019 23:12

Tgt Ion: 117 Resp: 22524
 Ion Ratio Lower Upper
 117 100
 119 4.8 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

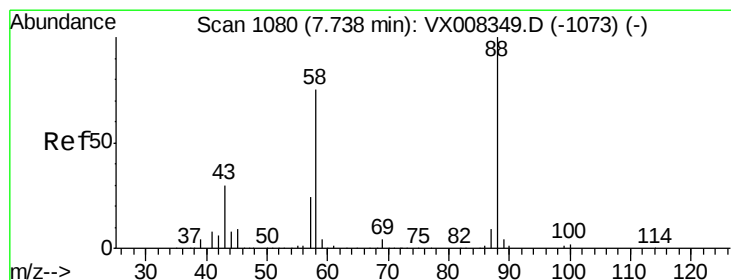
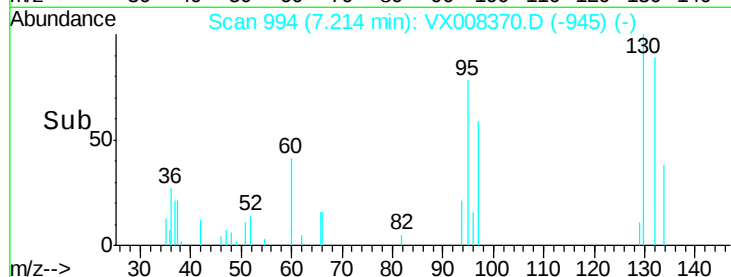
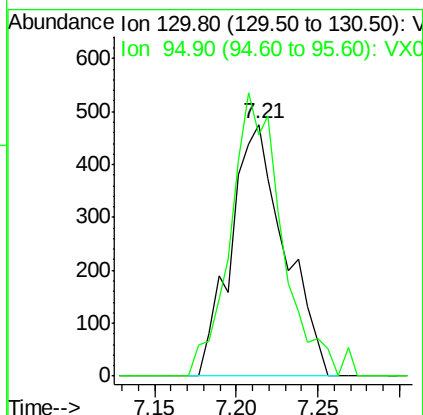
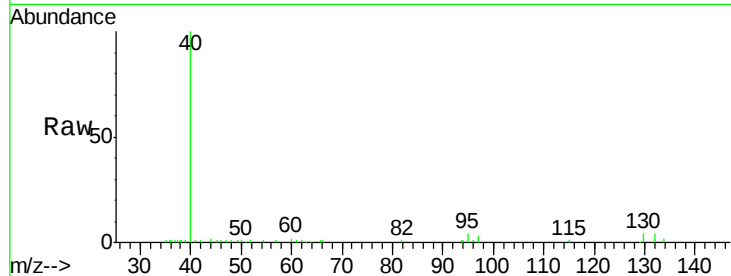




#44
 Trichloroethene
 Concen: 0.394 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008370.D
 Acq: 23 Mar 2019 23:12

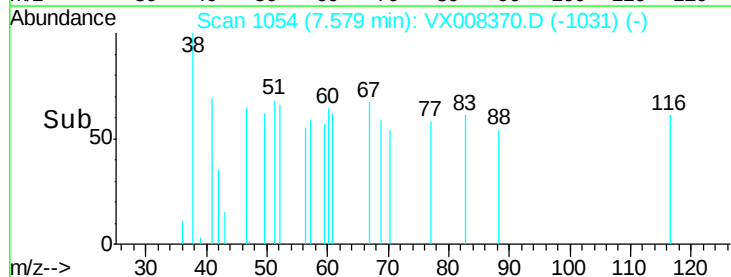
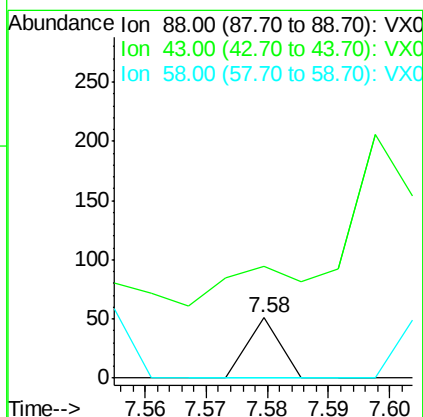
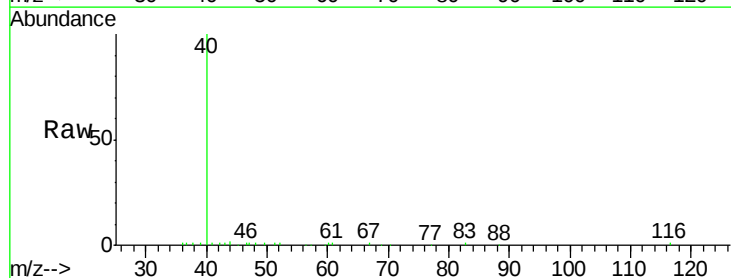
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 BPS1-TT-MW303S-20190314

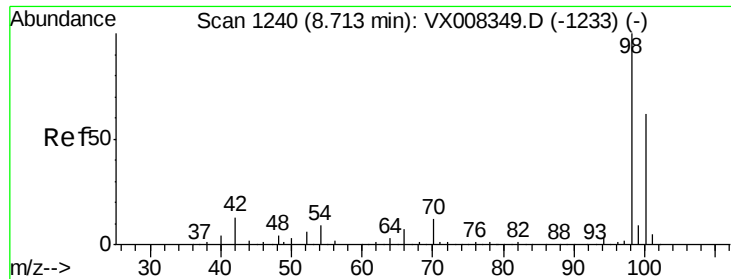
Tot Ion:130 Resp: 1097
 Ion Ratio Lower Upper
 130 100
 95 95.8 0.0 188.0



#49
 1,4-Dioxane
 Concen: 0.225 ug/l
 RT: 7.58 min Scan# 1054
 Delta R.T. -0.16 min
 Lab File: VX008370.D
 Acq: 23 Mar 2019 23:12

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





#50

Toluene-d8

Concen: 49.477 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008370.D

Acq: 23 Mar 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

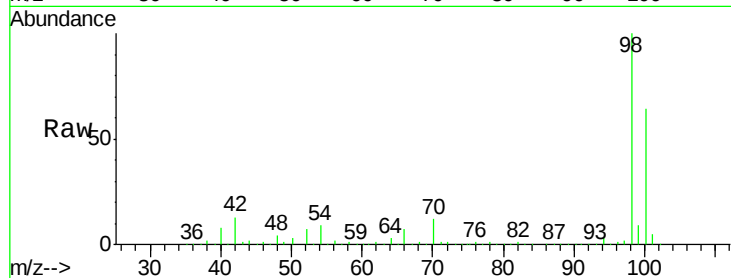
BPS1-TT-MW303S-20190314

Tot Ion: 98 Resp: 488147

Ion Ratio Lower Upper

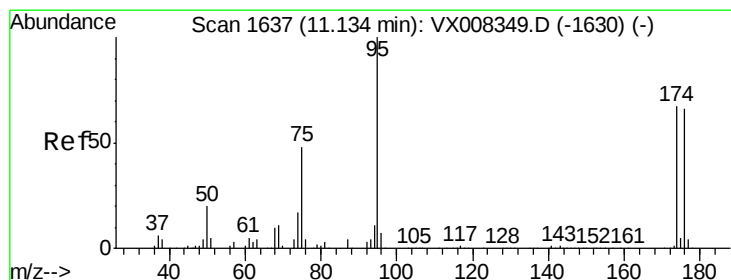
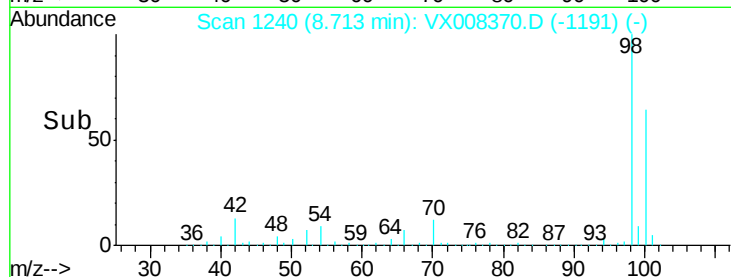
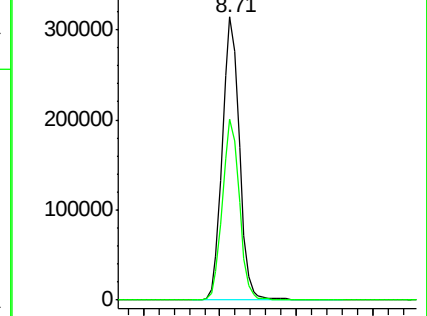
98 100

100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.297 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008370.D

Acq: 23 Mar 2019 23:12

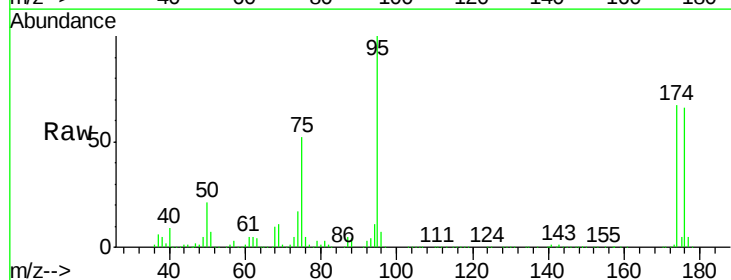
Tgt Ion: 95 Resp: 164087

Ion Ratio Lower Upper

95 100

174 71.8 0.0 182.8

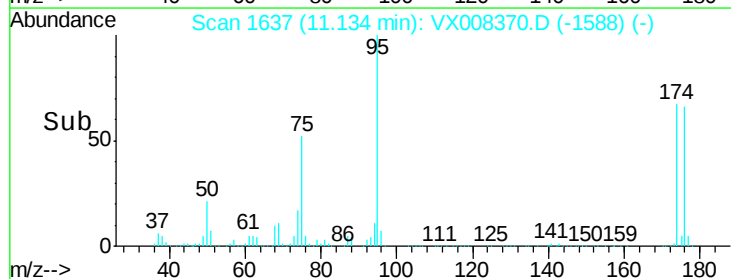
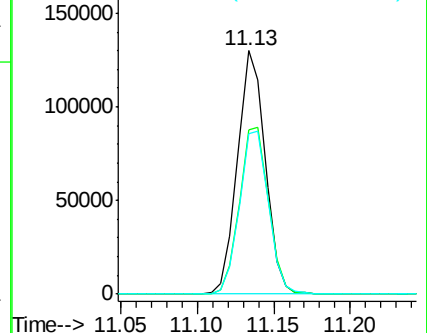
176 70.3 0.0 178.0

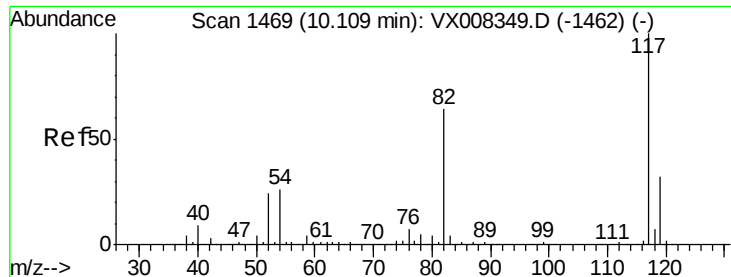


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

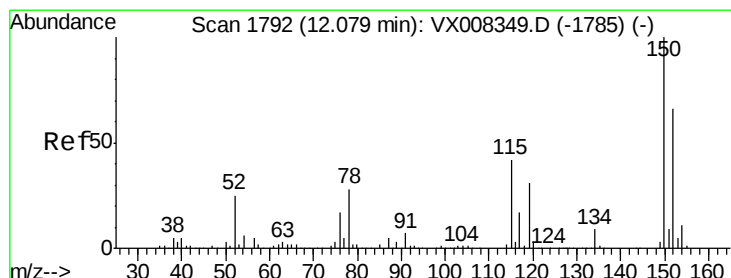
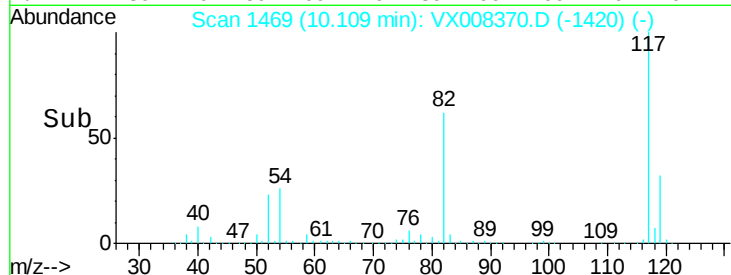
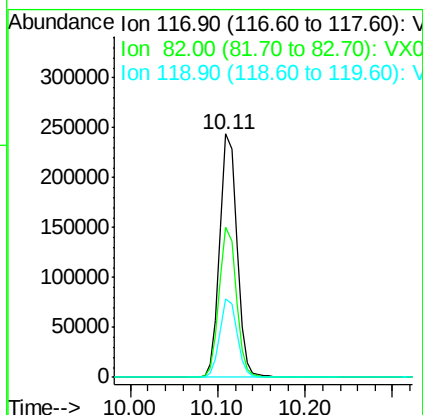
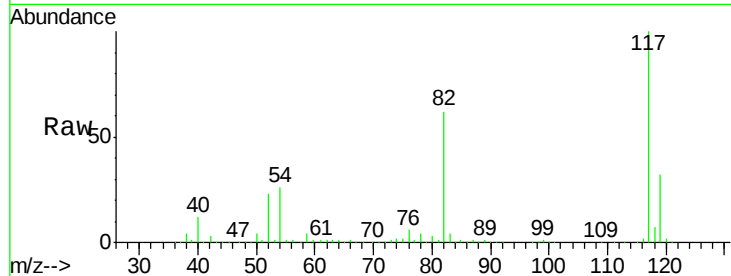




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008370.D
Acq: 23 Mar 2019 23:12

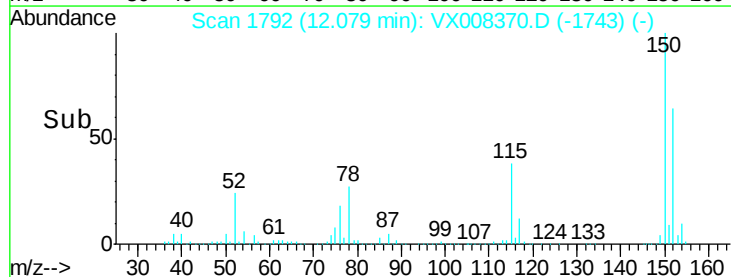
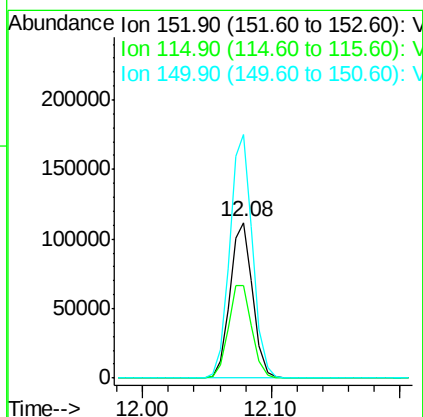
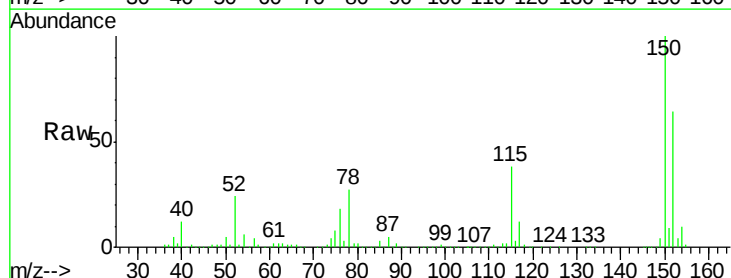
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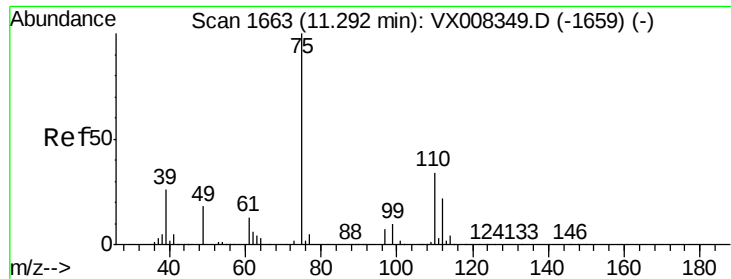
Tot Ion:117 Resp: 332693
Ion Ratio Lower Upper
117 100
82 61.9 44.3 66.5
119 32.5 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008370.D
Acq: 23 Mar 2019 23:12

Tgt Ion:152 Resp: 137547
Ion Ratio Lower Upper
152 100
115 61.9 38.6 115.7
150 157.1 0.0 348.4





#76

1,2,3-Trichloropropane

Concen: 23.414 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008370.D

Acq: 23 Mar 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

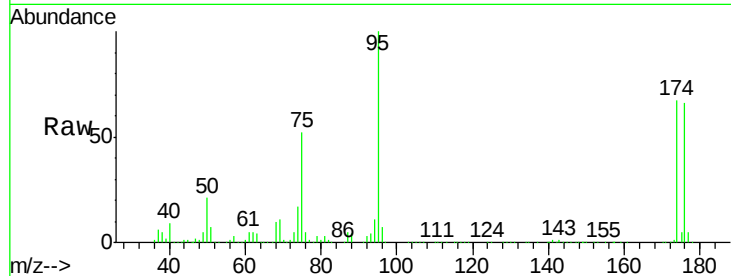
BPS1-TT-MW303S-20190314

Tot Ion: 75 Resp: 84298

Ion Ratio Lower Upper

75 100

77 1.3 18.9 56.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

80000

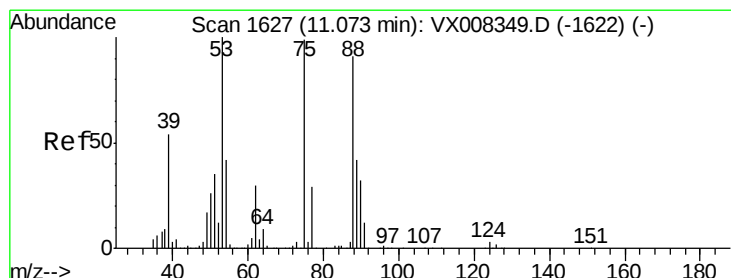
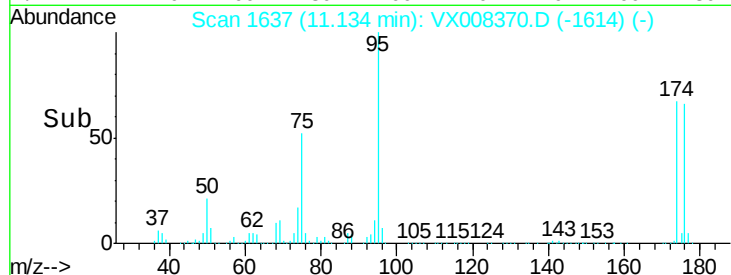
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 66.725 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008370.D

Acq: 23 Mar 2019 23:12

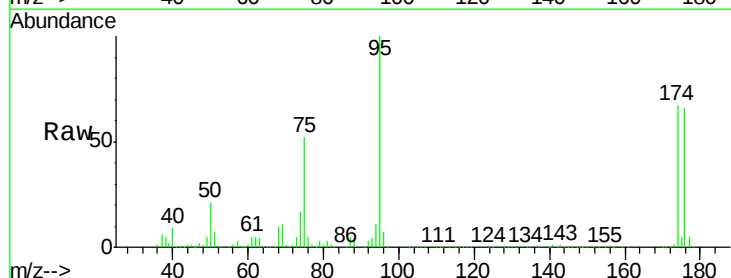
Tgt Ion: 75 Resp: 84298

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

11.13

80000

60000

40000

20000

0

Time-->

