

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071719\
 Data File : VX010938.D
 Acq On : 17 Jul 2019 16:06
 Operator : JC/SP
 Sample : K3855-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW506-190716

Quant Time: Jul 18 03:48:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

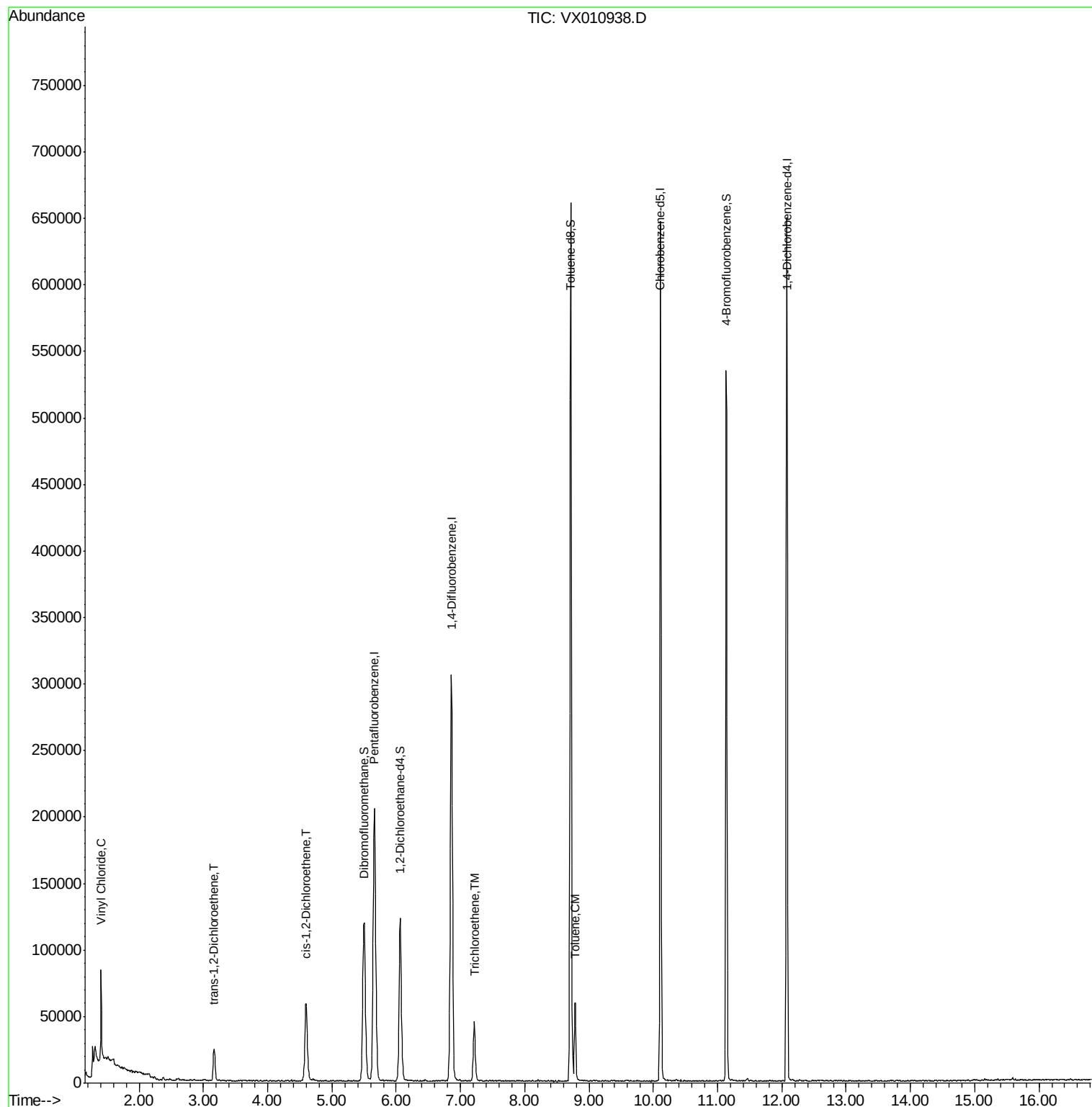
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	208697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	326728	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	302379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139418	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	110604	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
35) Dibromofluoromethane	5.50	113	102282	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
50) Toluene-d8	8.71	98	391020	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.13	95	135408	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
Target Compounds						
4) Vinyl Chloride	1.41	62	42903	21.917	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	10831	5.491	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	40392	17.695	ug/l	88
44) Trichloroethene	7.21	130	17568	7.219	ug/l	88
52) Toluene	8.79	92	22089	4.090	ug/l	98

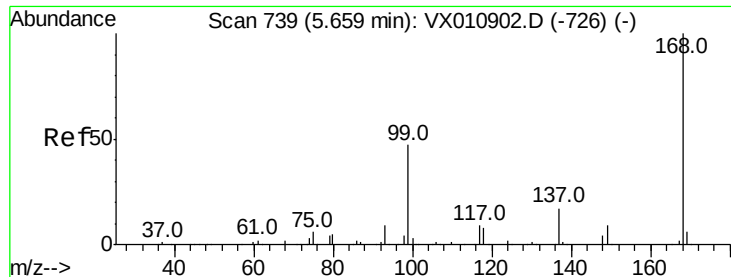
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX010938.D

Acq: 17 Jul 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

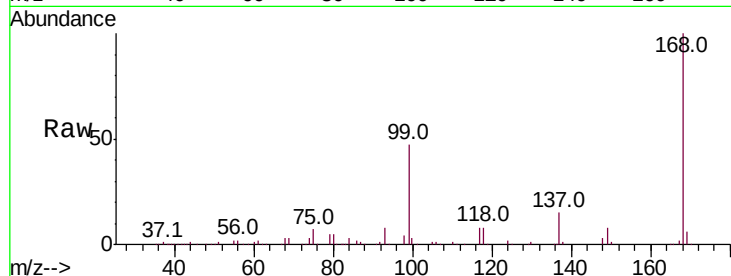
SS050MW506-190716

Tot Ion:168 Resp: 208697

Ion Ratio Lower Upper

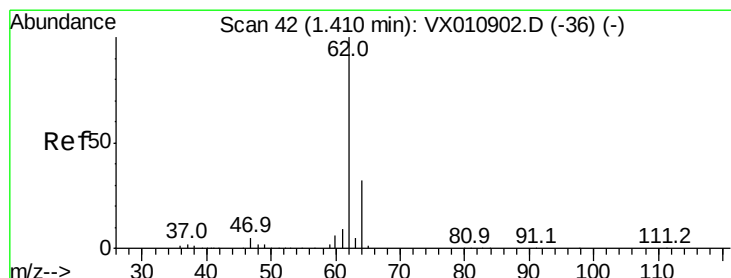
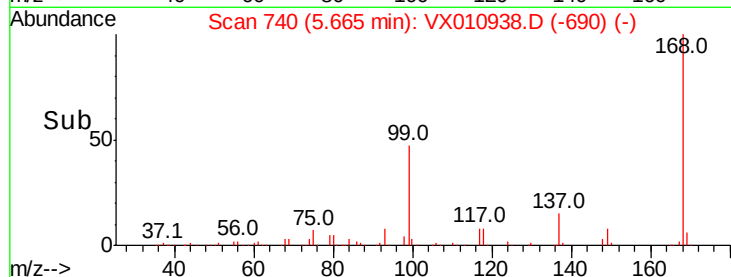
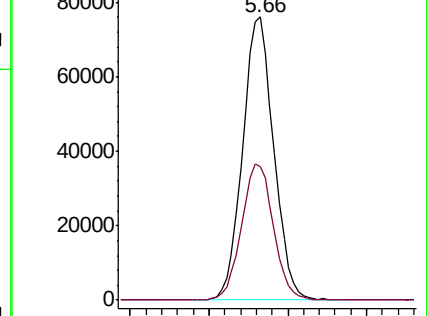
168 100

99 47.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 21.917 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010938.D

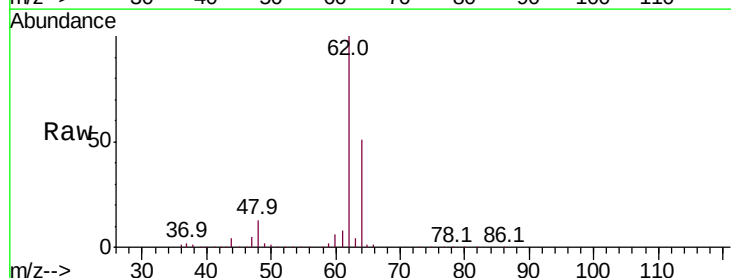
Acq: 17 Jul 2019 16:06

Tgt Ion: 62 Resp: 42903

Ion Ratio Lower Upper

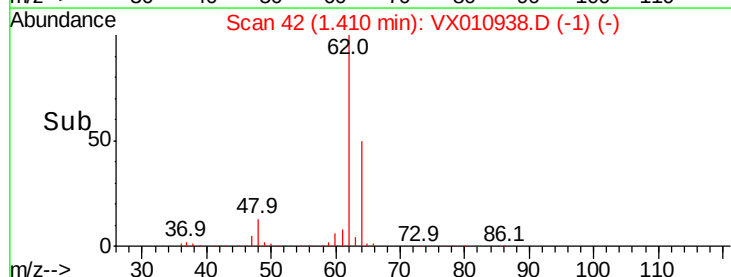
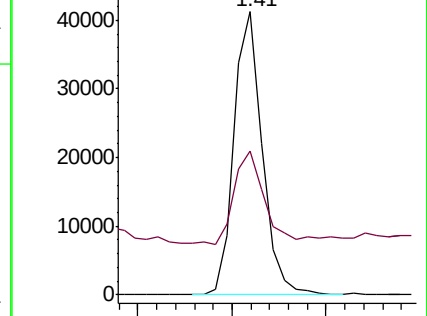
62 100

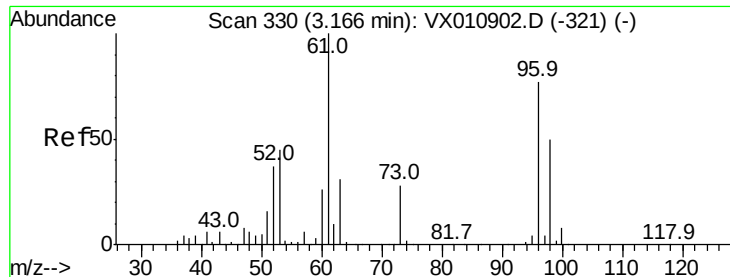
64 32.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 5.491 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX010938.D

Acq: 17 Jul 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

SS050MW506-190716

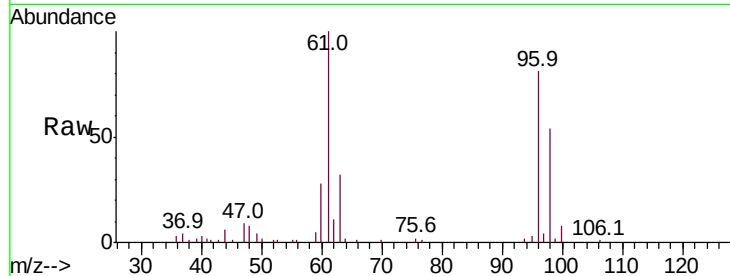
Tot Ion: 96 Resp: 10831

Ion Ratio Lower Upper

96 100

61 123.1 104.2 156.2

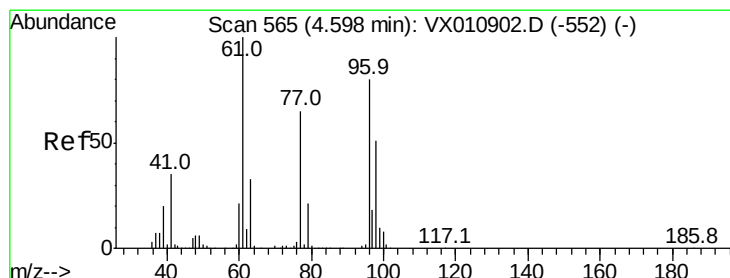
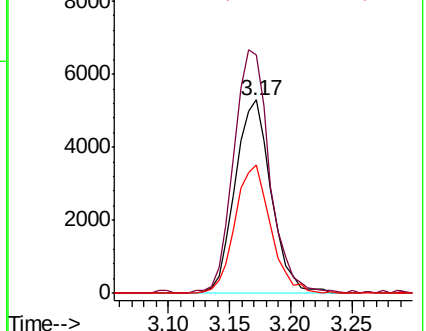
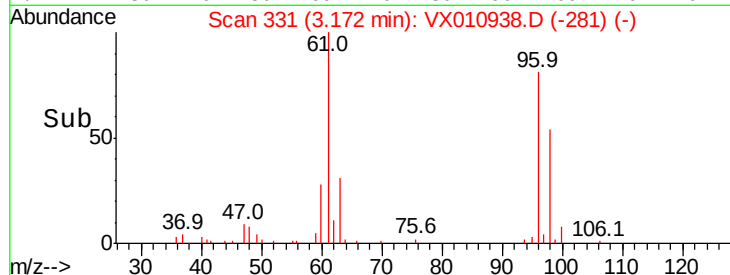
98 66.6 52.2 78.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 17.695 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX010938.D

Acq: 17 Jul 2019 16:06

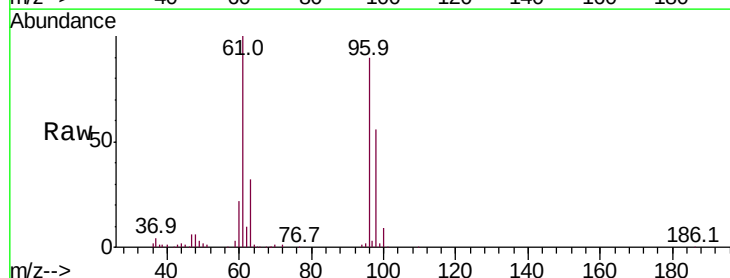
Tgt Ion: 96 Resp: 40392

Ion Ratio Lower Upper

96 100

61 113.8 0.0 269.0

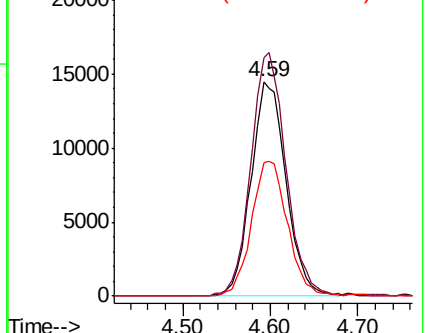
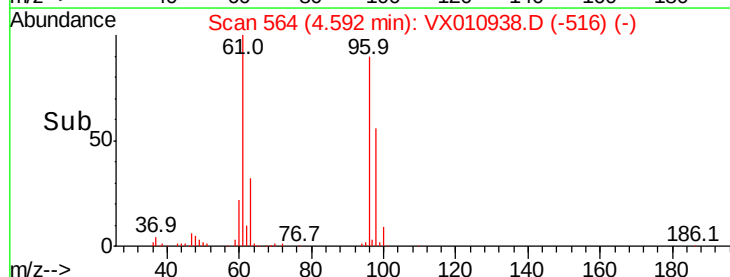
98 64.6 0.0 131.4

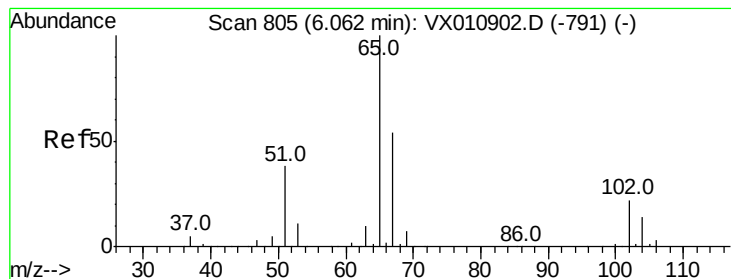


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.817 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010938.D

Acq: 17 Jul 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

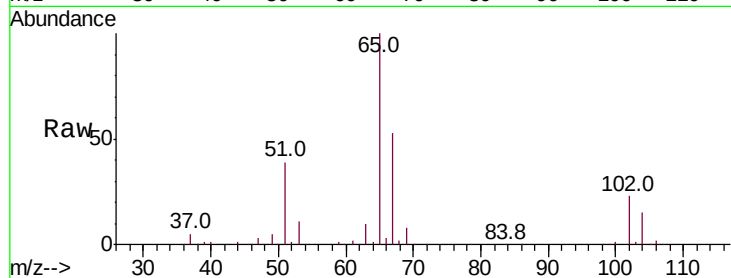
SS050MW506-190716

Tot Ion: 65 Resp: 110604

Ion Ratio Lower Upper

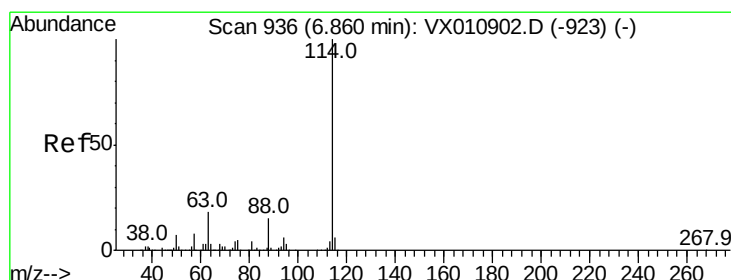
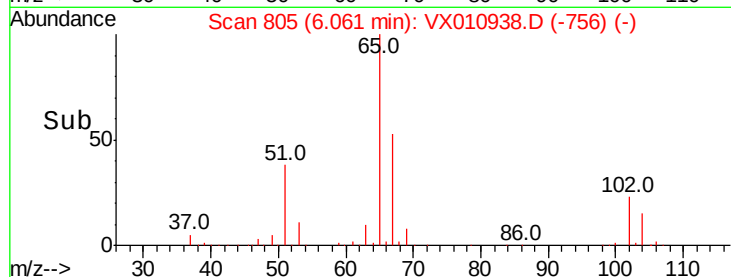
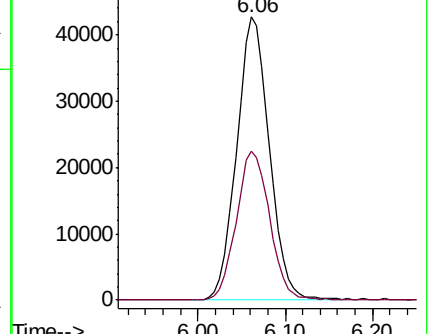
65 100

67 54.0 0.0 107.8



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: VX010938.D

Acq: 17 Jul 2019 16:06

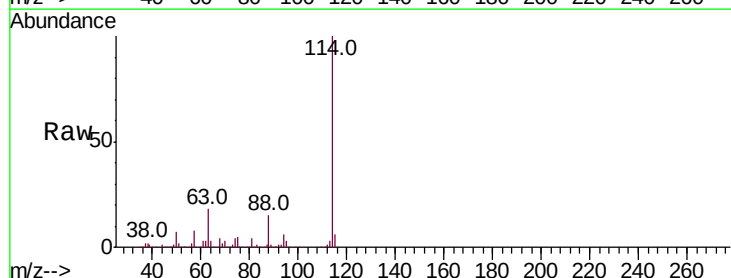
Tgt Ion: 114 Resp: 326728

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

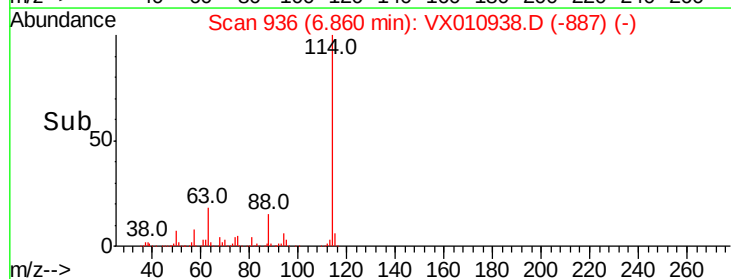
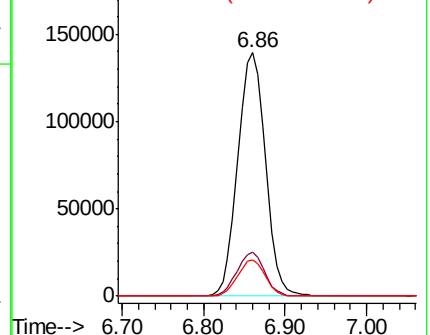
88 14.8 0.0 29.8

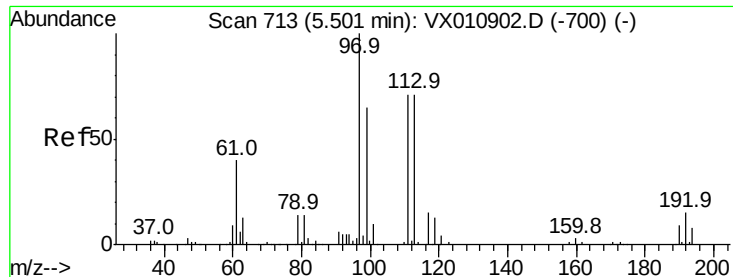


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

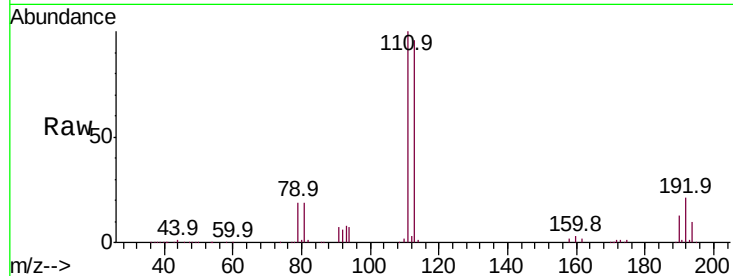




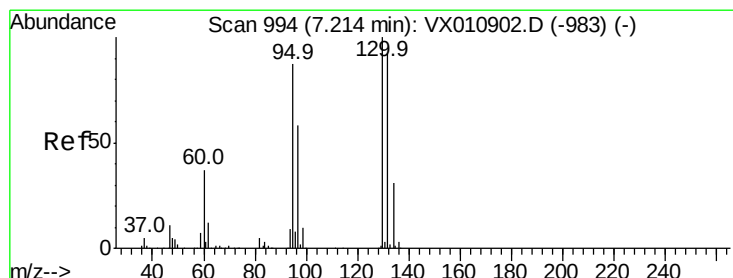
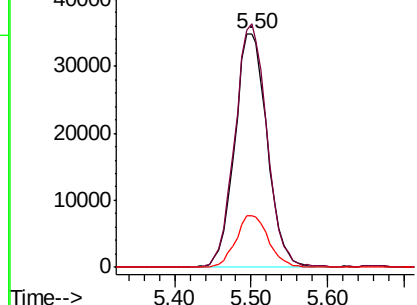
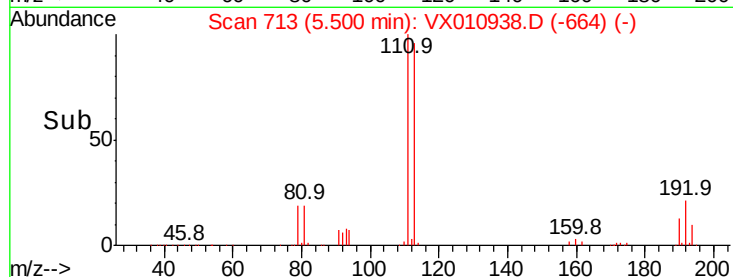
#35
 Dibromofluoromethane
 Concen: 49.321 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010938.D
 Acq: 17 Jul 2019 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW506-190716

Tot Ion:113 Resp: 102282
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.3 123.5
 192 22.3 17.4 26.2

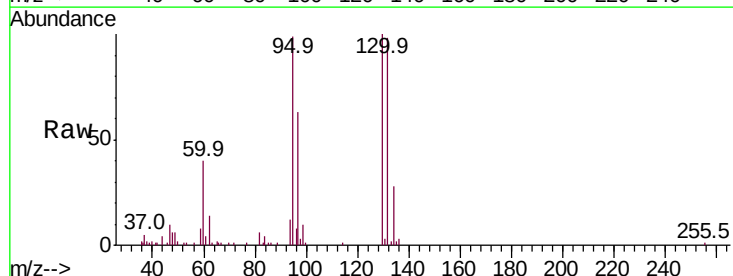


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

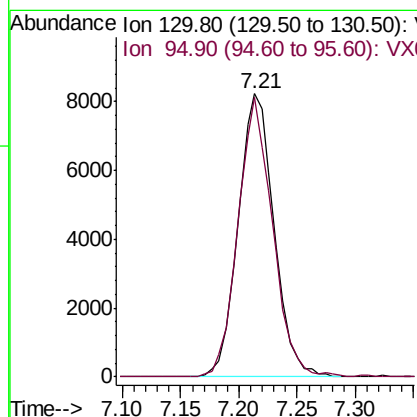
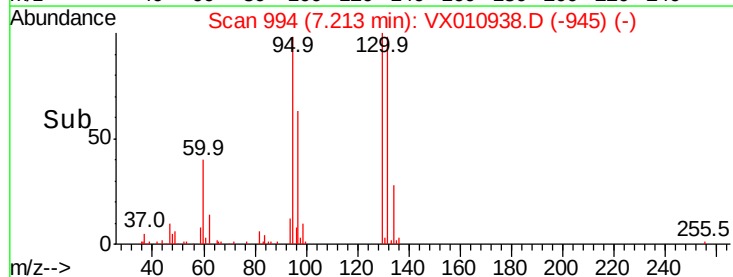


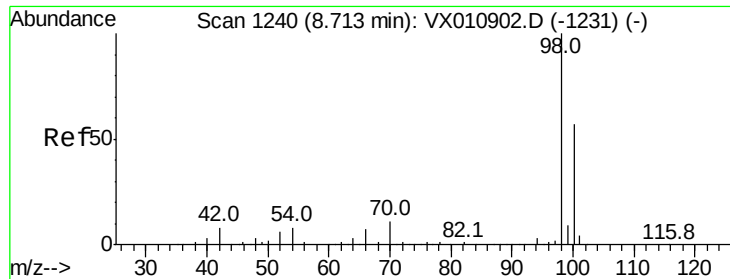
#44
 Trichloroethene
 Concen: 7.219 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010938.D
 Acq: 17 Jul 2019 16:06

Tgt Ion:130 Resp: 17568
 Ion Ratio Lower Upper
 130 100
 95 98.7 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 50.272 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010938.D

Acq: 17 Jul 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

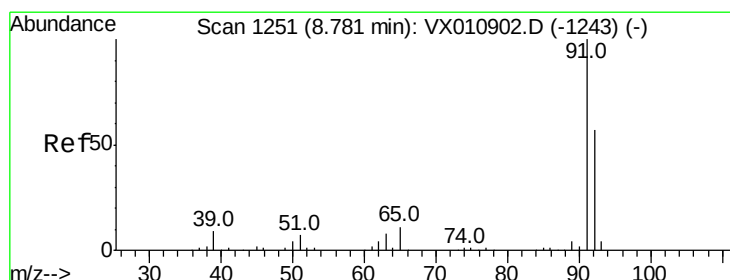
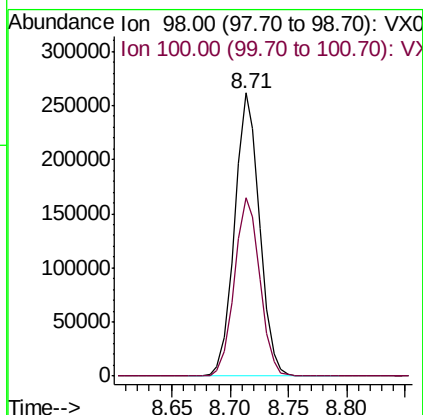
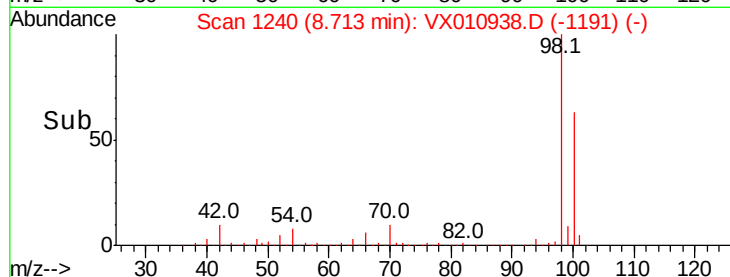
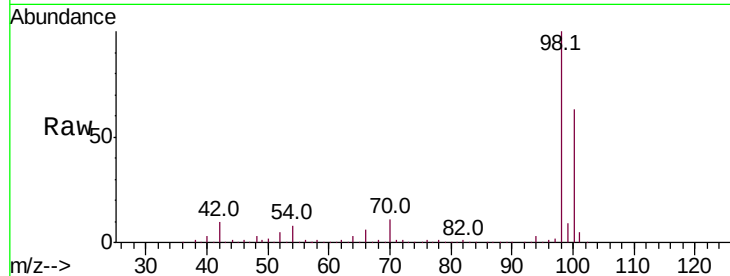
SS050MW506-190716

Tot Ion: 98 Resp: 391020

Ion Ratio Lower Upper

98 100

100 64.0 50.6 75.8



#52

Toluene

Concen: 4.090 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010938.D

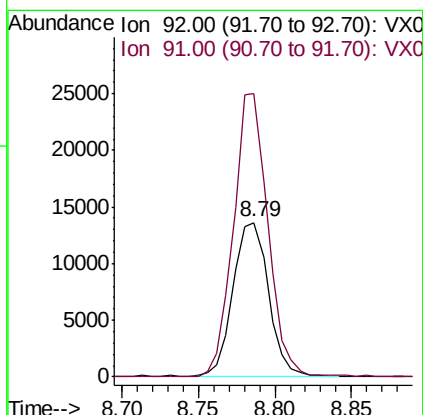
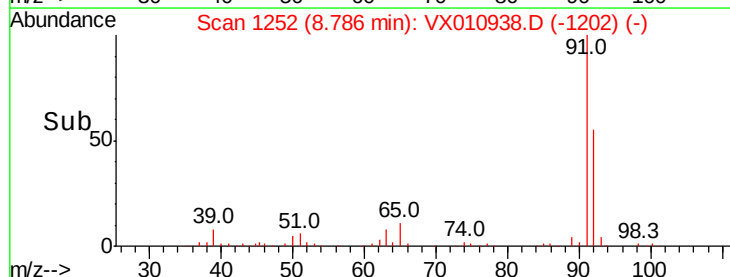
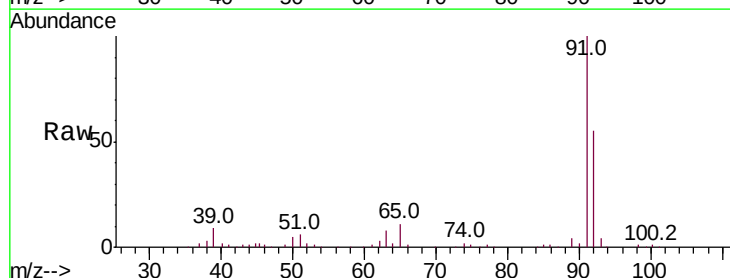
Acq: 17 Jul 2019 16:06

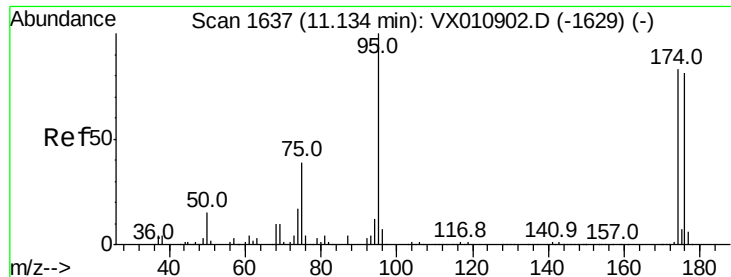
Tgt Ion: 92 Resp: 22089

Ion Ratio Lower Upper

92 100

91 177.1 139.4 209.0





#62

4-Bromofluorobenzene

Concen: 47.362 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010938.D

Acq: 17 Jul 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

SS050MW506-190716

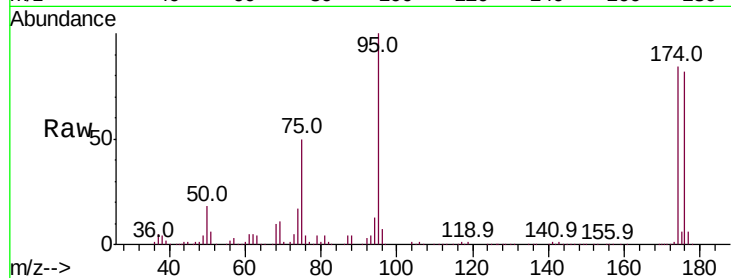
Tot Ion: 95 Resp: 135408

Ion Ratio Lower Upper

95 100

174 92.3 0.0 180.6

176 88.7 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX010902.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX010902.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX010902.D (-1629) (-)

11.13

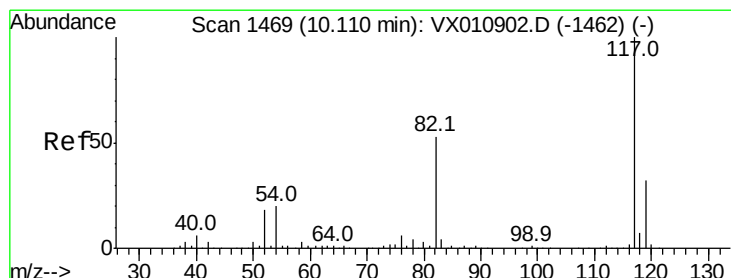
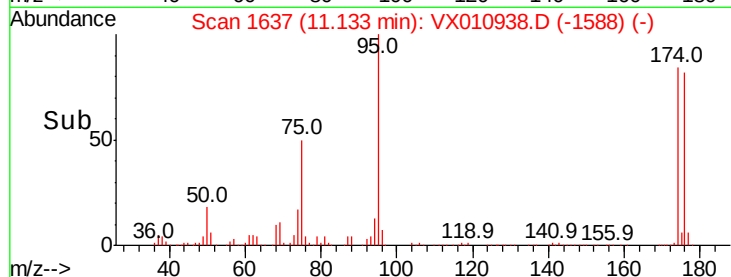
100000

50000

0

Time-->

11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010938.D

Acq: 17 Jul 2019 16:06

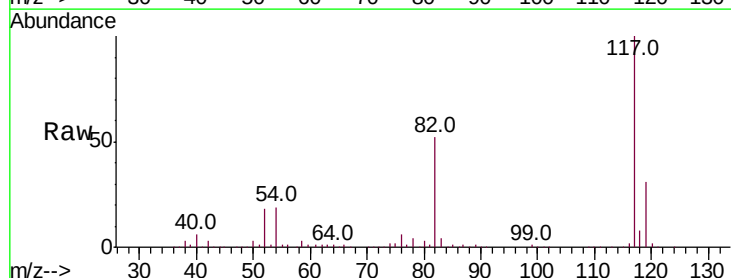
Tgt Ion: 117 Resp: 302379

Ion Ratio Lower Upper

117 100

82 52.0 42.6 63.8

119 31.5 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VX010902.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010902.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010902.D (-1462) (-)

10.11

300000

250000

200000

150000

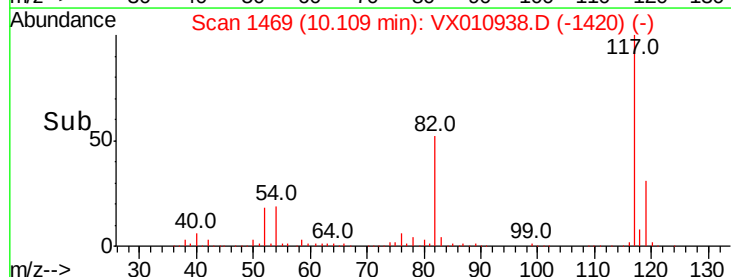
100000

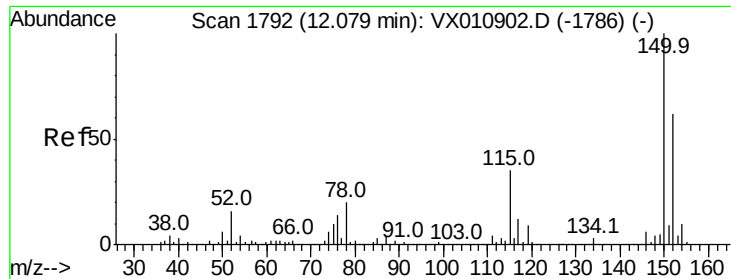
50000

0

Time-->

10.00 10.10 10.20 10.30

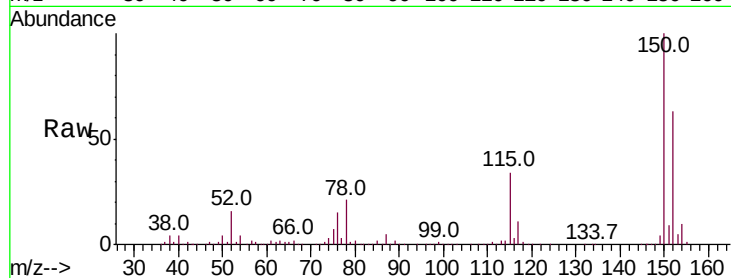




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX010938.D
 Acq: 17 Jul 2019 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW506-190716

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	39.7	119.1
150	156.7	0.0	345.6



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

