

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111318\
 Data File : VX005945.D
 Acq On : 13 Nov 2018 13:41
 Operator : JC/MD
 Sample : J5912-05DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW326-181108DL

Quant Time: Nov 14 09:25:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

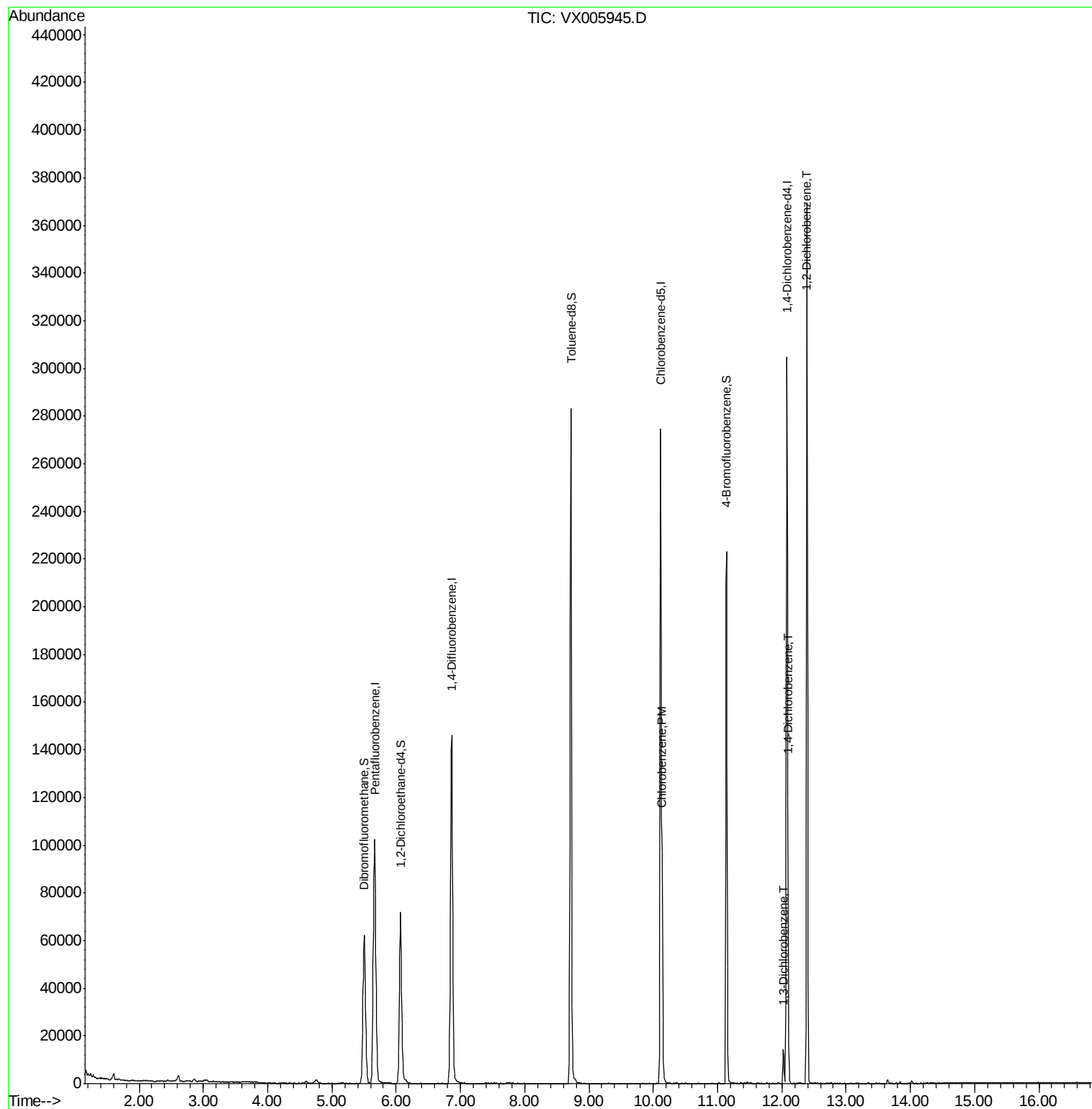
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	102492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	142307	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	124271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	61828	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	65003	55.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.34%	
35) Dibromofluoromethane	5.50	113	51986	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
50) Toluene-d8	8.72	98	172527	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.24%	
62) 4-Bromofluorobenzene	11.13	95	55413	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
Target Compounds						
65) Chlorobenzene	10.14	112	36442	14.638	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	4509	2.331	ug/l	95
88) 1,4-Dichlorobenzene	12.10	146	16318	8.242	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	120380	62.132	ug/l	100

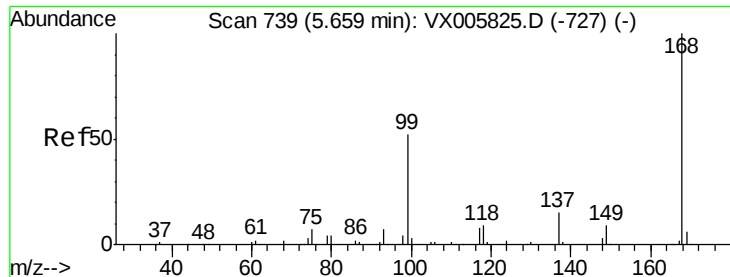
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005945.D

Acq: 13 Nov 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

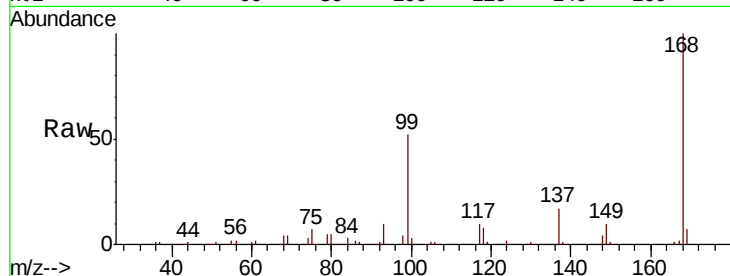
SS003MW326-181108DL

Tot Ion:168 Resp: 102492

Ion Ratio Lower Upper

168 100

99 52.4 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

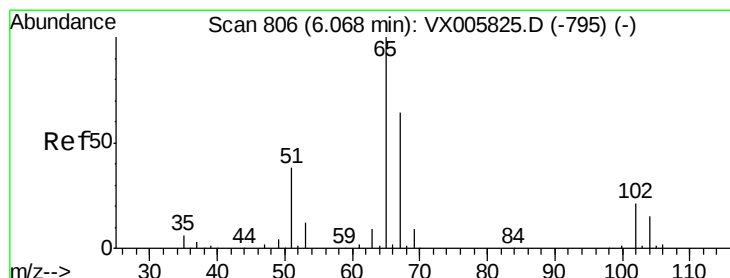
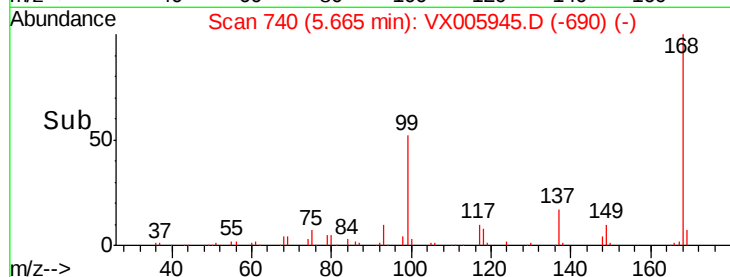
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 55.168 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005945.D

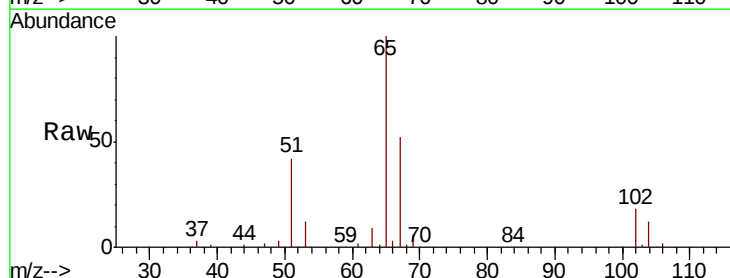
Acq: 13 Nov 2018 13:41

Tgt Ion: 65 Resp: 65003

Ion Ratio Lower Upper

65 100

67 54.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

30000

25000

20000

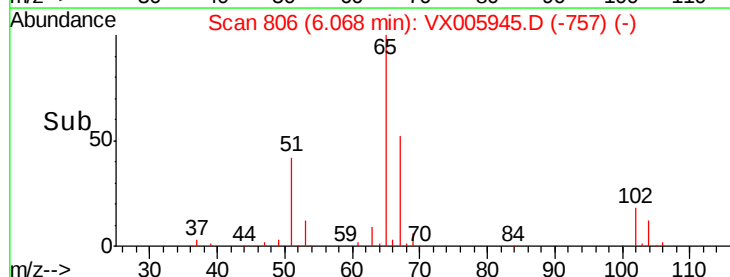
15000

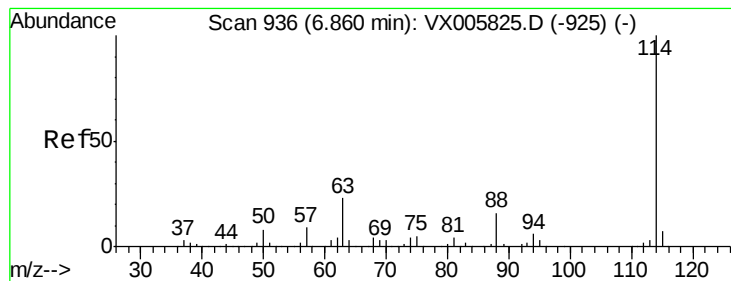
10000

5000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005945.D

Acq: 13 Nov 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

SS003MW326-181108DL

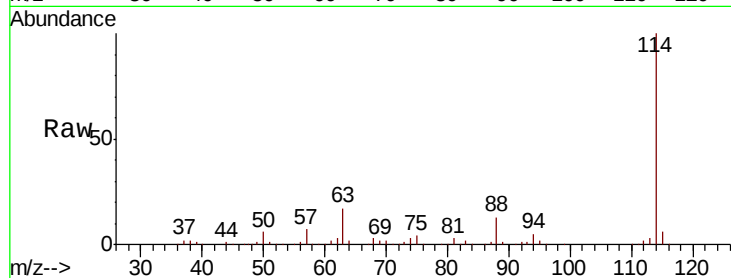
Tot Ion:114 Resp: 142307

Ion Ratio Lower Upper

114 100

63 17.0 0.0 42.8

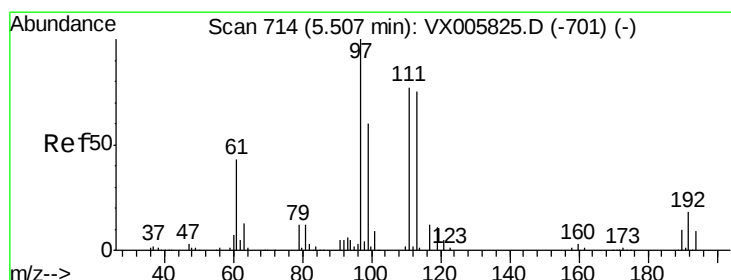
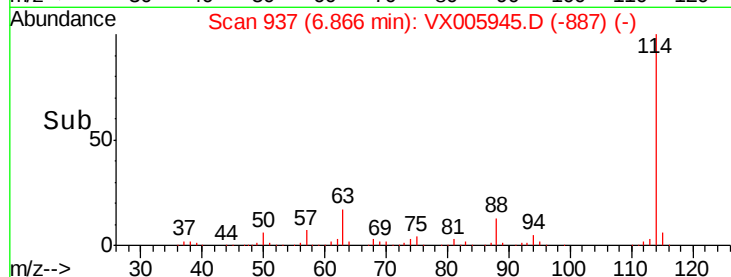
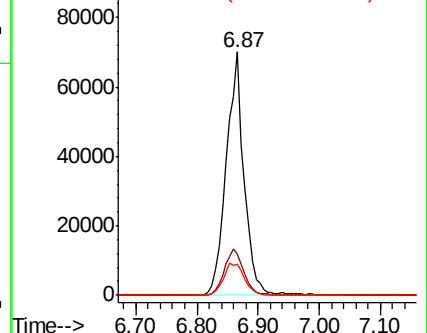
88 12.9 0.0 31.2



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: 53.710 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX005945.D

Acq: 13 Nov 2018 13:41

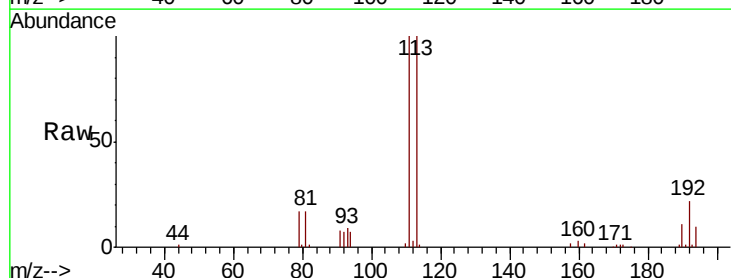
Tgt Ion:113 Resp: 51986

Ion Ratio Lower Upper

113 100

111 104.3 82.3 123.5

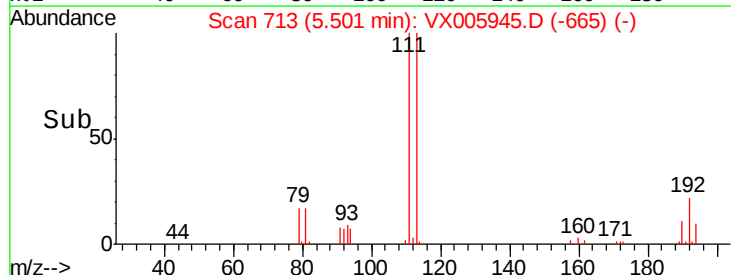
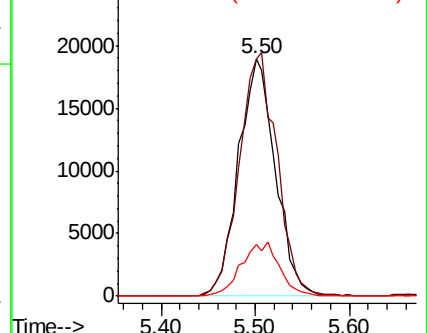
192 23.3 17.9 26.9

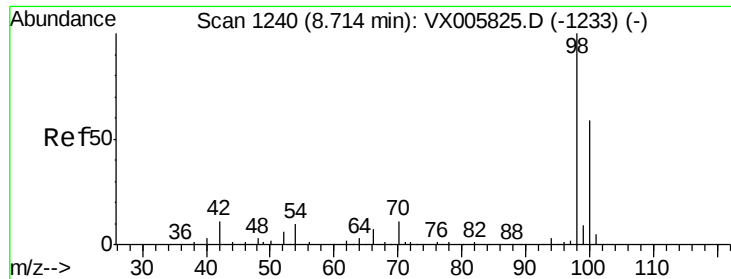


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

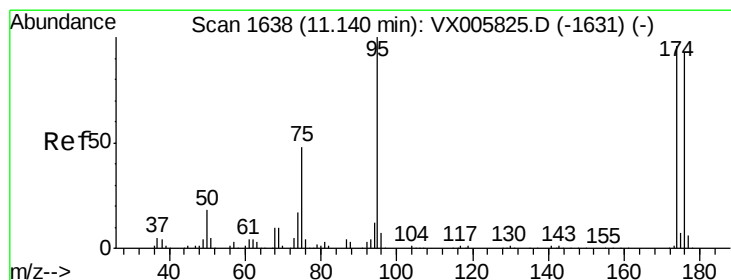
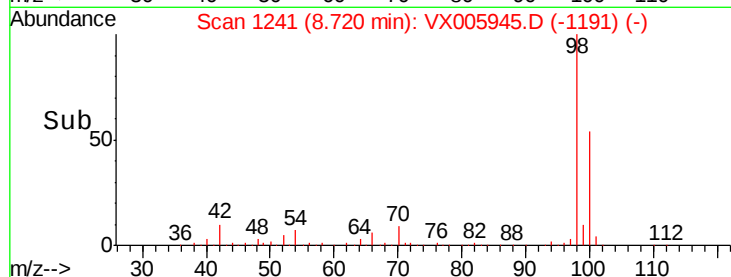
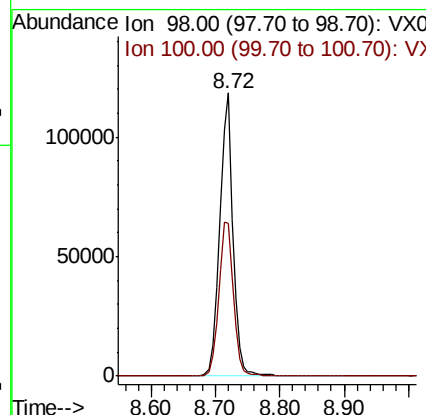
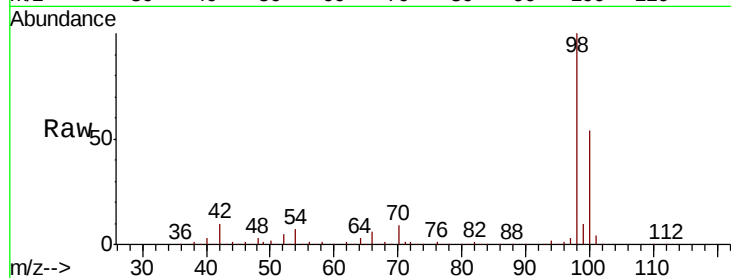




#50
Toluene-d8
Concen: 53.615 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005945.D
Acq: 13 Nov 2018 13:41

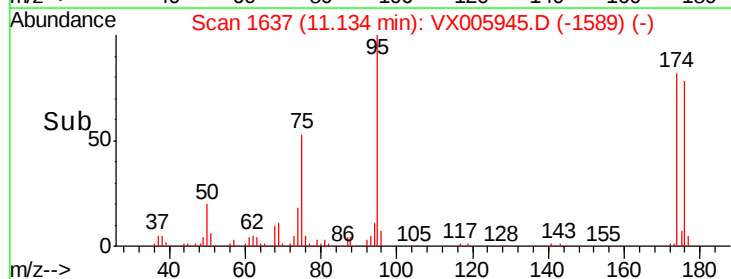
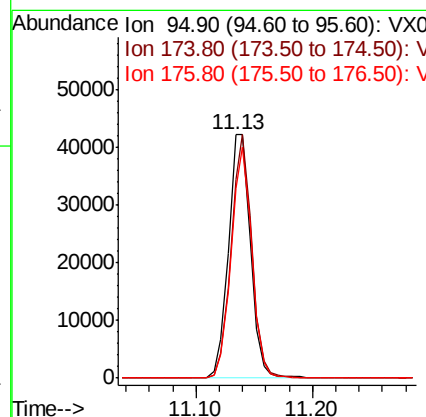
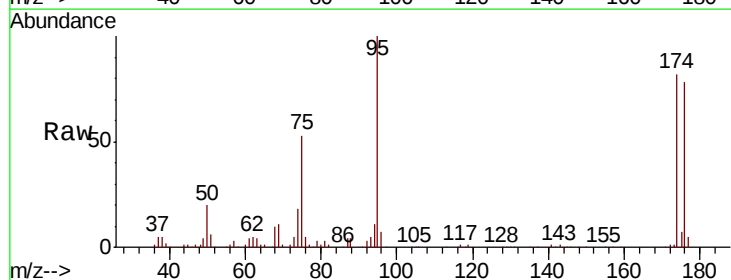
Instrument :
MSVOA_X
ClientSampleId :
SS003MW326-181108DL

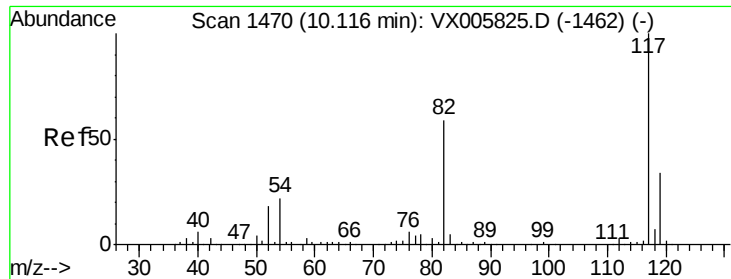
Tot Ion: 98 Resp: 172527
Ion Ratio Lower Upper
98 100
100 60.2 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 47.896 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX005945.D
Acq: 13 Nov 2018 13:41

Tgt Ion: 95 Resp: 55413
Ion Ratio Lower Upper
95 100
174 93.7 0.0 184.4
176 89.1 0.0 177.4

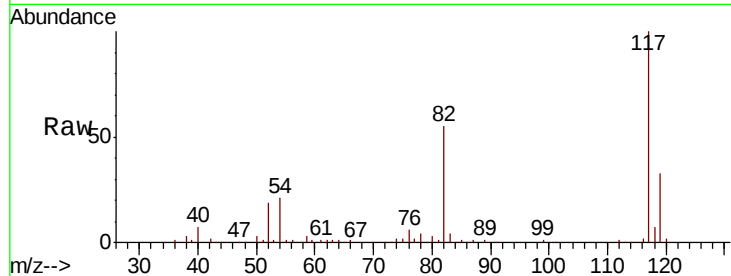




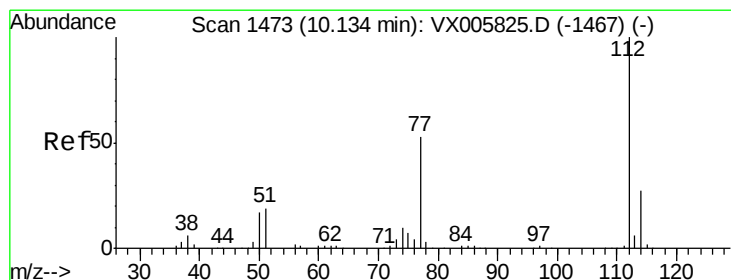
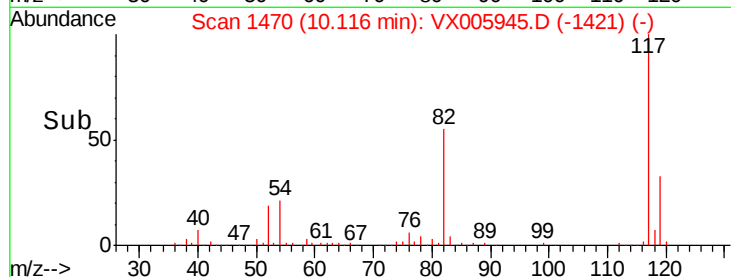
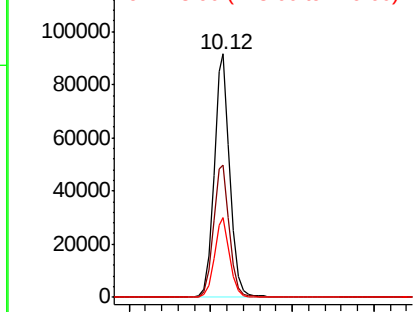
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005945.D
Acq: 13 Nov 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
SS003MW326-181108DL

Tot Ion:117 Resp: 124271
Ion Ratio Lower Upper
117 100
82 54.6 44.1 66.1
119 32.7 26.2 39.2

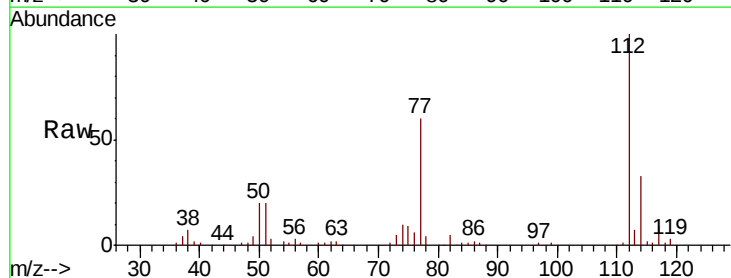


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

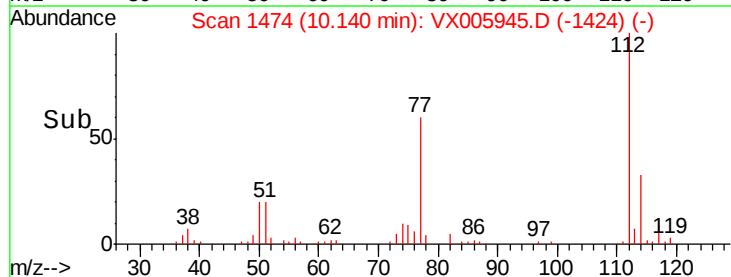
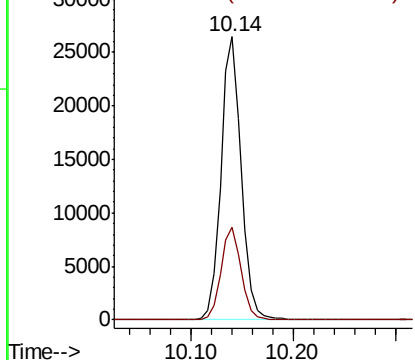


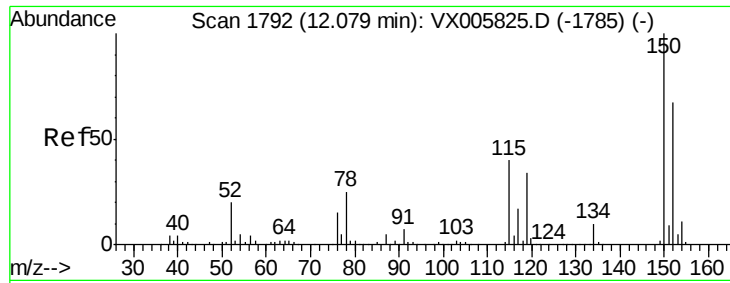
#65
Chlorobenzene
Concen: 14.638 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005945.D
Acq: 13 Nov 2018 13:41

Tgt Ion:112 Resp: 36442
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): 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: VX005945.D

Acq: 13 Nov 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

SS003MW326-181108DL

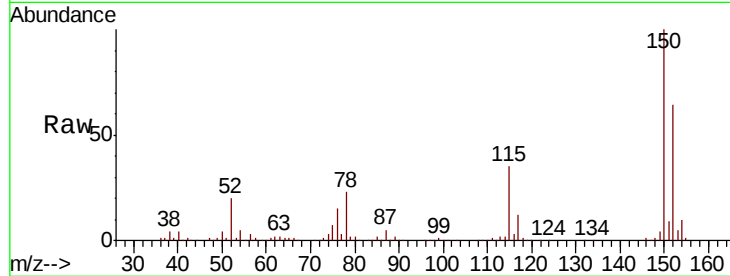
Tot Ion:152 Resp: 61828

Ion Ratio Lower Upper

152 100

115 55.9 39.4 118.1

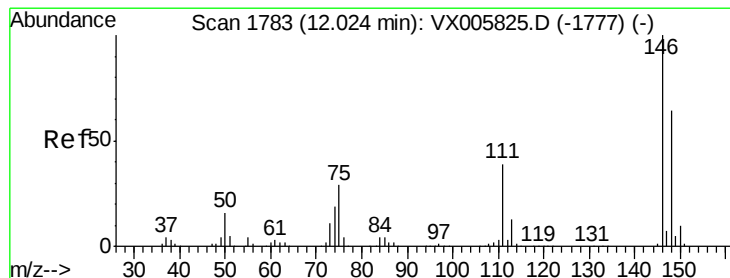
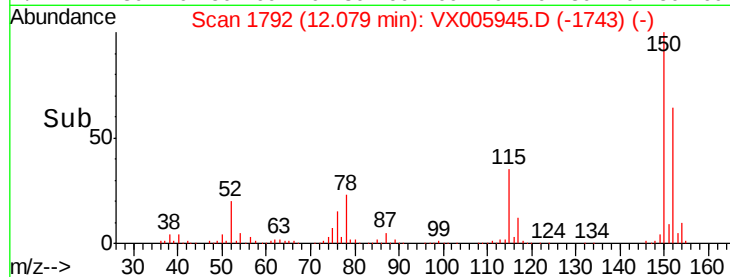
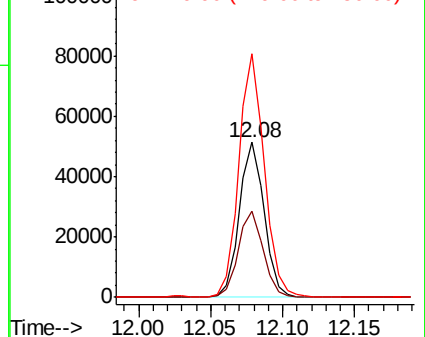
150 160.6 0.0 346.4



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



#87

1,3-Dichlorobenzene

Concen: 2.331 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX005945.D

Acq: 13 Nov 2018 13:41

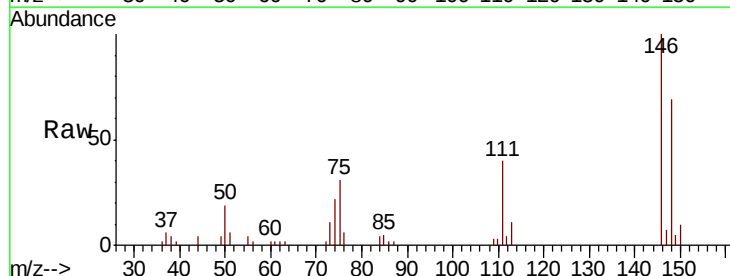
Tgt Ion:146 Resp: 4509

Ion Ratio Lower Upper

146 100

111 40.2 19.0 57.0

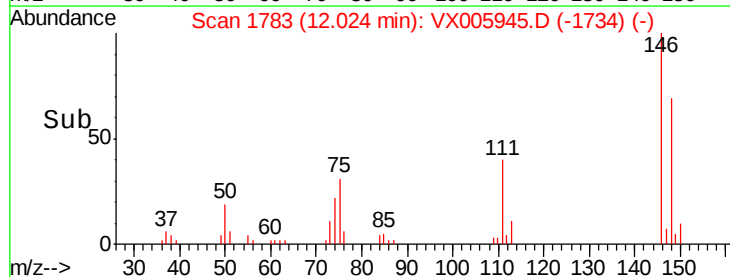
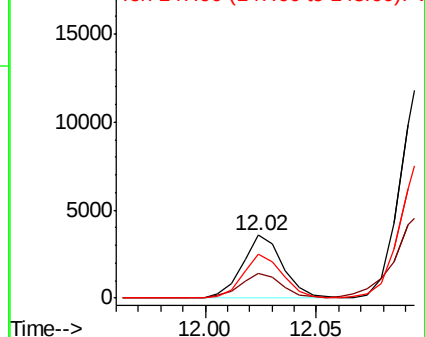
148 68.0 31.9 95.9

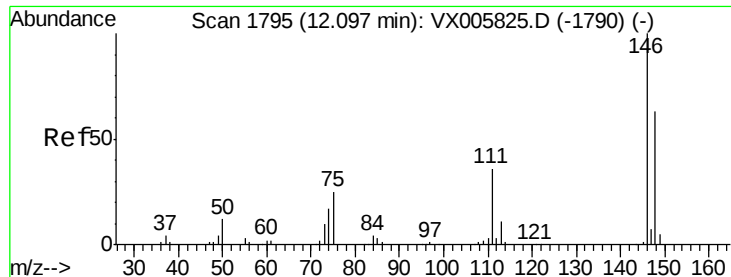


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

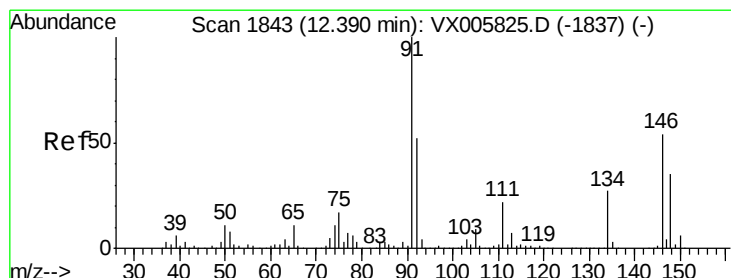
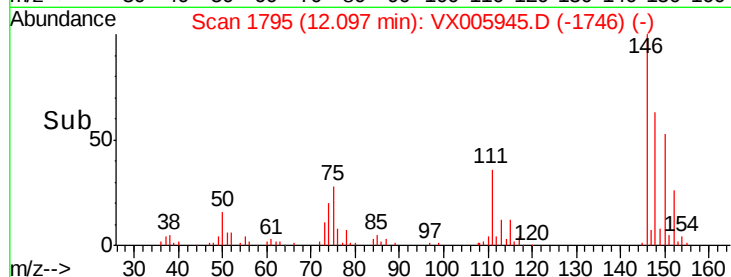
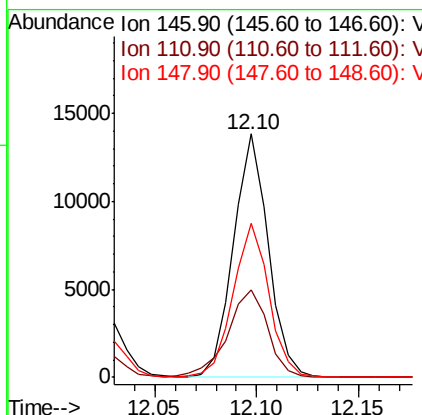
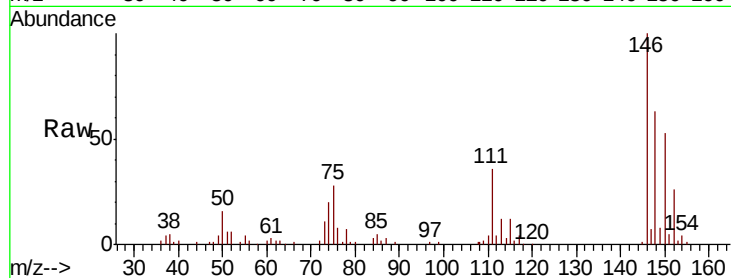




#88
 1,4-Dichlorobenzene
 Concen: 8.242 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005945.D
 Acq: 13 Nov 2018 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW326-181108DL

Tot Ion:146 Resp: 16318
 Ion Ratio Lower Upper
 146 100
 111 41.7 18.6 55.8
 148 65.3 32.1 96.3



#91
 1,2-Dichlorobenzene
 Concen: 62.132 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX005945.D
 Acq: 13 Nov 2018 13:41

Tgt Ion:146 Resp: 120380
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 59.9
 148 64.1 32.2 96.6

