

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111318\
 Data File : VX005946.D
 Acq On : 13 Nov 2018 14:07
 Operator : JC/MD
 Sample : J5912-07DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0498-181108DL

Quant Time: Nov 14 09:26:37 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

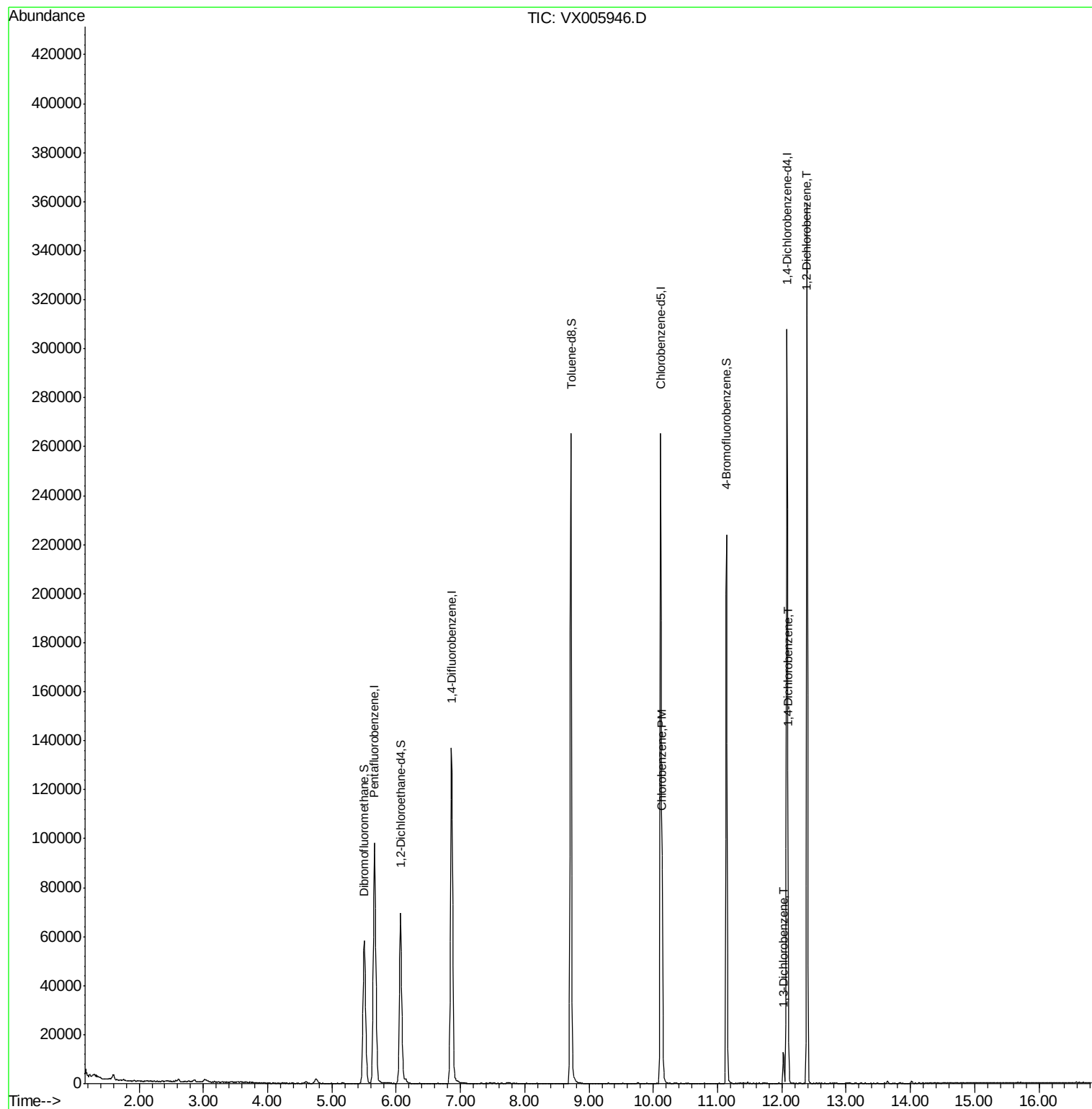
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	93321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	134248	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	121879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	61109	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	66356	61.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.70%	
35) Dibromofluoromethane	5.49	113	49724	54.46	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	108.92%	
50) Toluene-d8	8.72	98	161438	53.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.36%	
62) 4-Bromofluorobenzene	11.14	95	55042	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
Target Compounds						
65) Chlorobenzene	10.14	112	34601	14.171	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	4392	2.298	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	14933	7.631	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	114837	59.968	ug/l	99

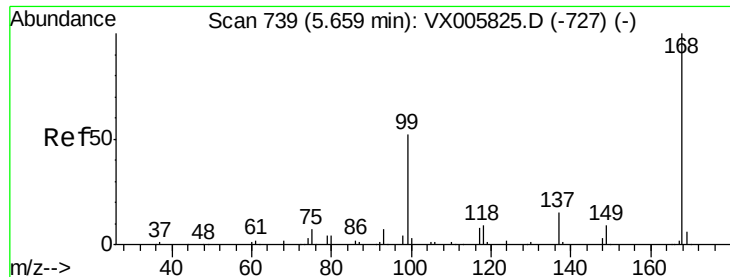
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005946.D

Acq: 13 Nov 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

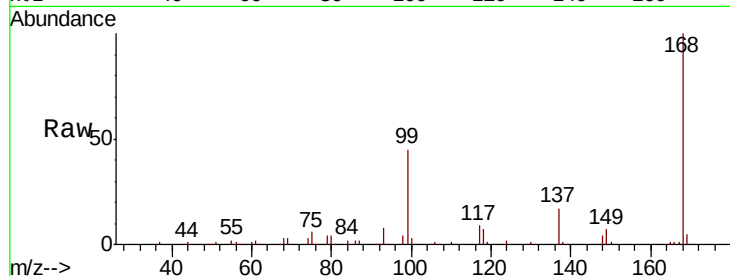
DUP-0498-181108DL

Tot Ion:168 Resp: 93321

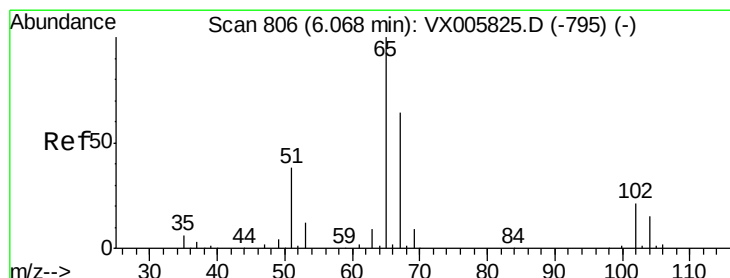
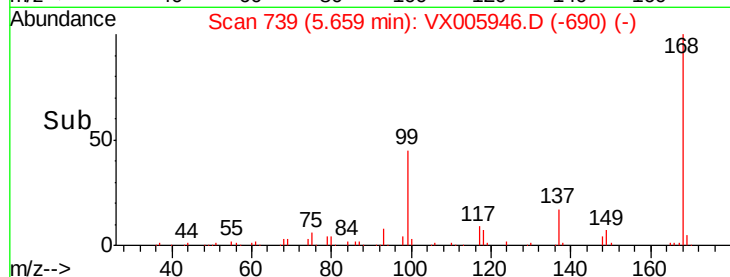
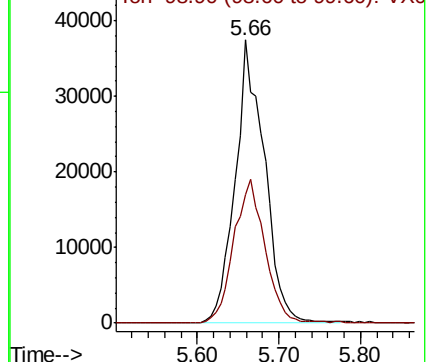
Ion Ratio Lower Upper

168 100

99 45.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): VX005825.D (-727) (-)



#33

1,2-Dichloroethane-d4

Concen: 61.851 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005946.D

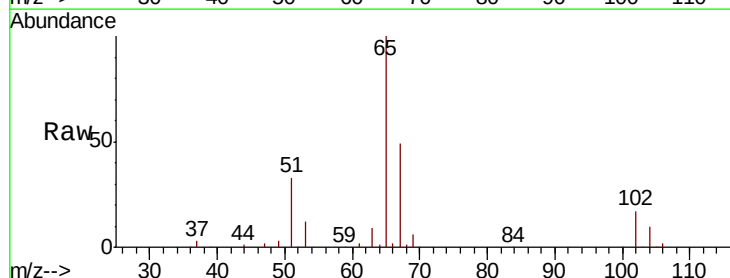
Acq: 13 Nov 2018 14:07

Tgt Ion: 65 Resp: 66356

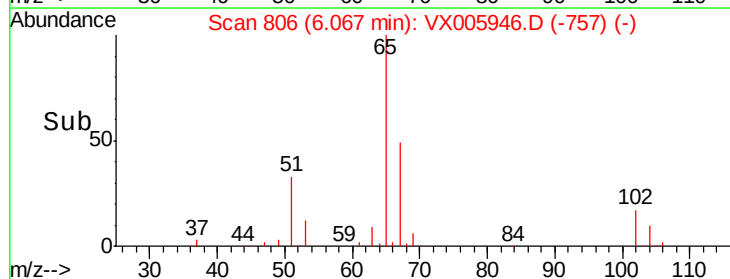
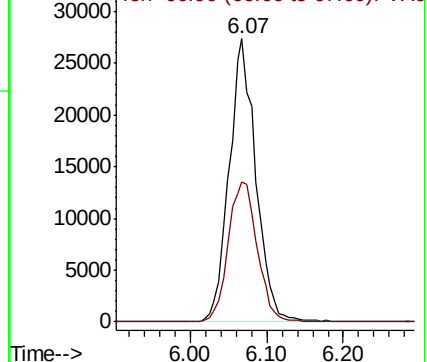
Ion Ratio Lower Upper

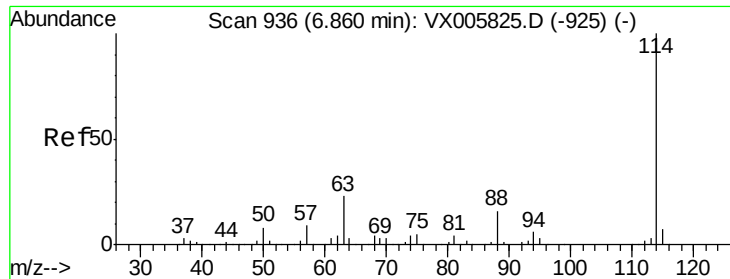
65 100

67 53.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX005825.D (-795) (-)

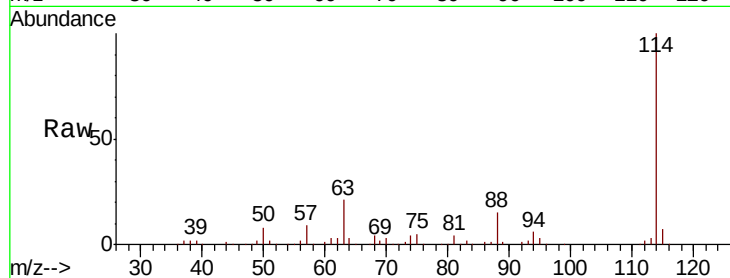




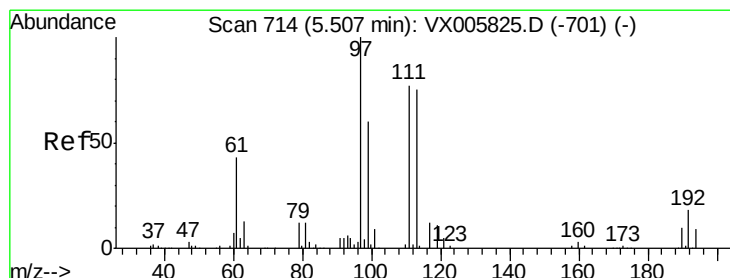
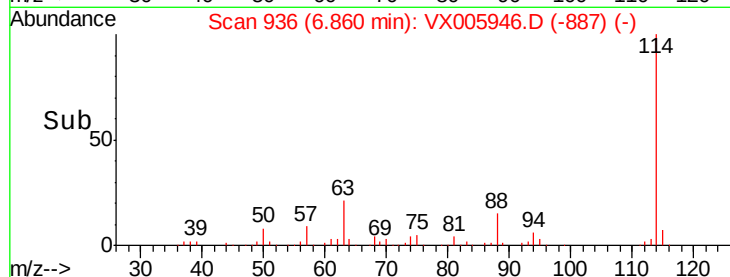
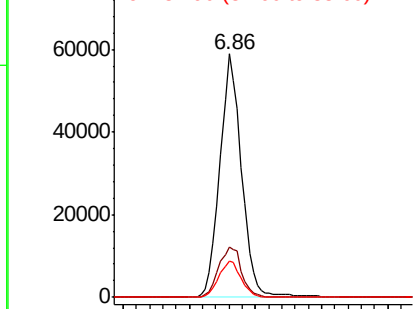
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005946.D
 Acq: 13 Nov 2018 14:07

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0498-181108DL

Tot Ion:114 Resp: 134248
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.8
 88 15.0 0.0 31.2

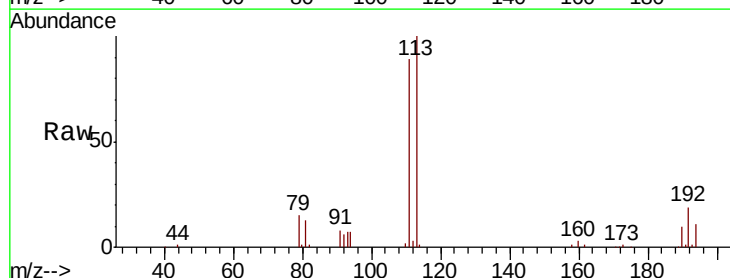


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

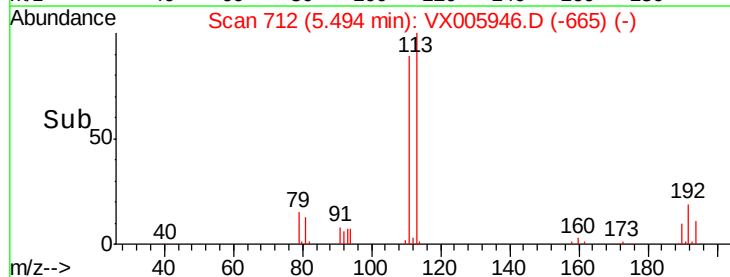
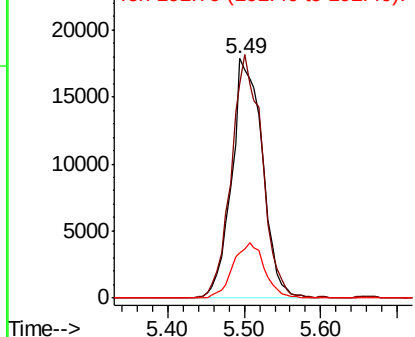


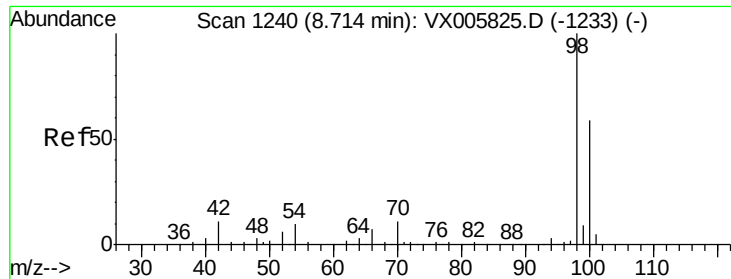
#35
 Dibromofluoromethane
 Concen: 54.457 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX005946.D
 Acq: 13 Nov 2018 14:07

Tgt Ion:113 Resp: 49724
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.3 123.5
 192 23.6 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

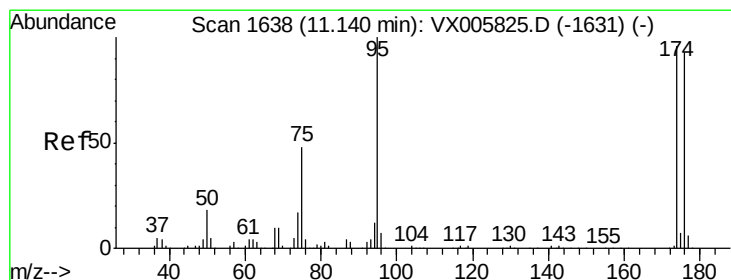
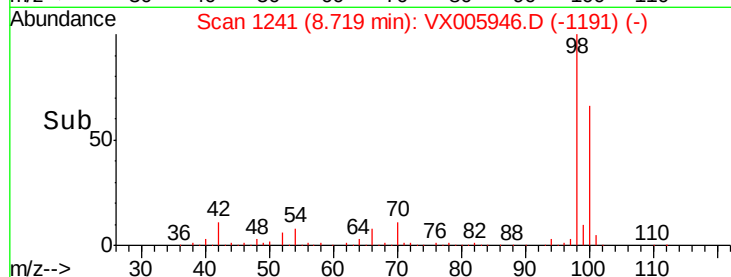
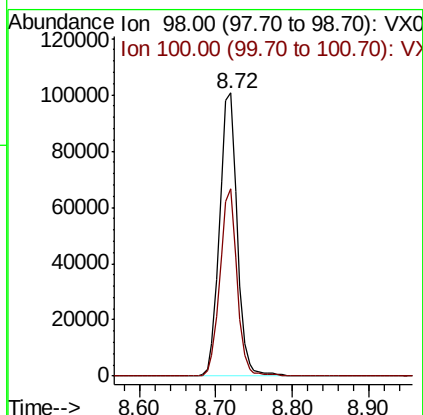
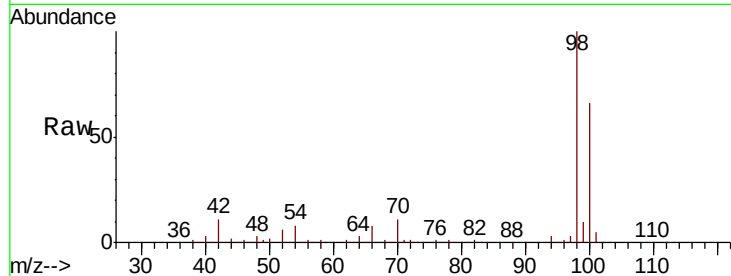




#50
Toluene-d8
Concen: 53.181 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005946.D
Acq: 13 Nov 2018 14:07

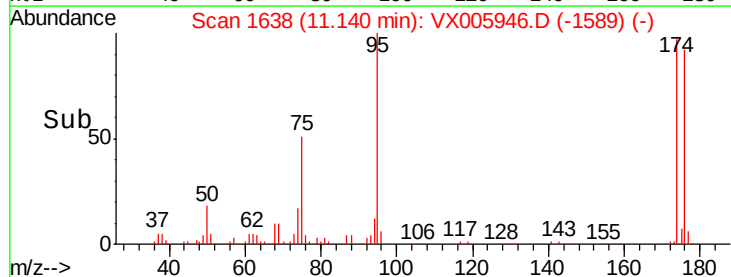
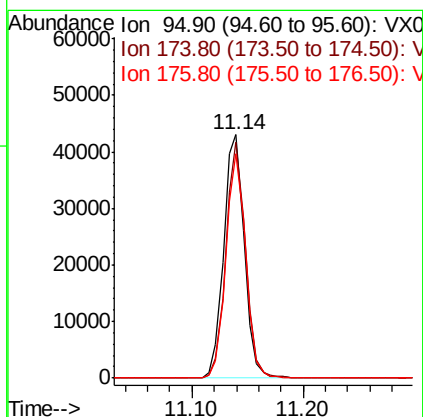
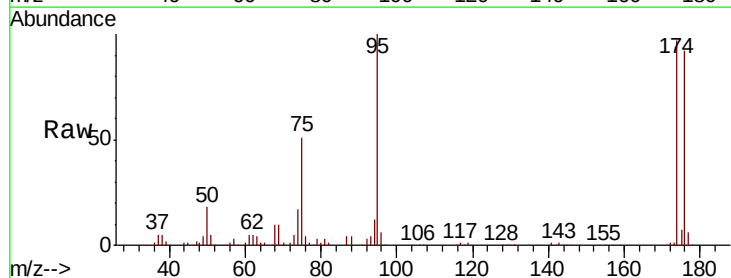
Instrument :
MSVOA_X
ClientSampleId :
DUP-0498-181108DL

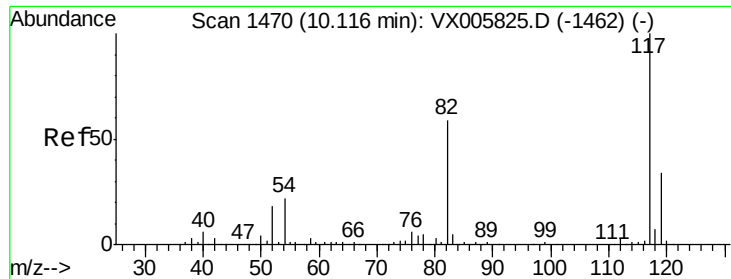
Tot Ion: 98 Resp: 161438
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 50.431 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005946.D
Acq: 13 Nov 2018 14:07

Tgt Ion: 95 Resp: 55042
Ion Ratio Lower Upper
95 100
174 92.6 0.0 184.4
176 88.7 0.0 177.4

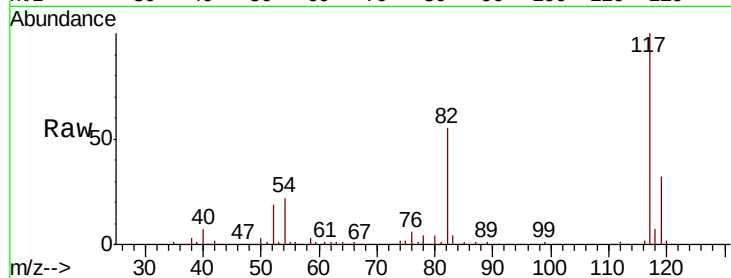




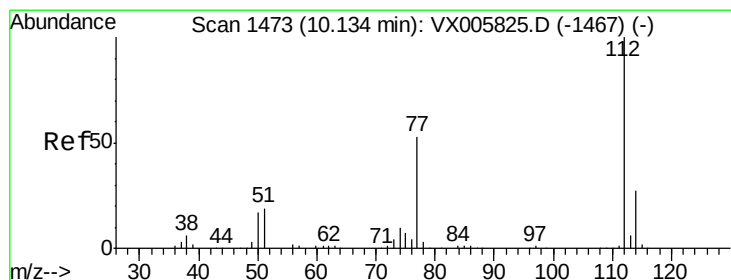
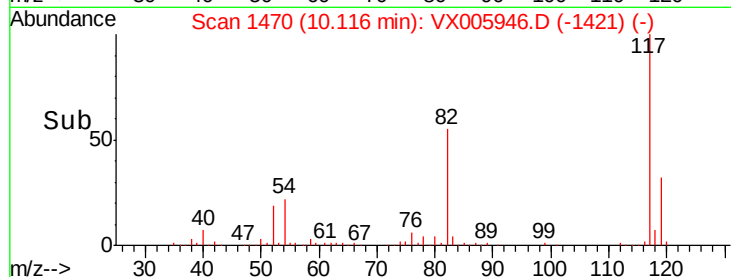
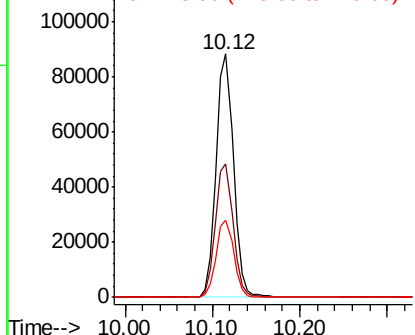
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005946.D
Acq: 13 Nov 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
DUP-0498-181108DL

Tot Ion:117 Resp: 121879
Ion Ratio Lower Upper
117 100
82 54.7 44.1 66.1
119 31.9 26.2 39.2

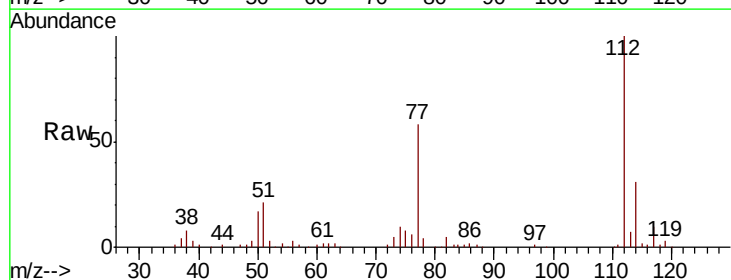


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

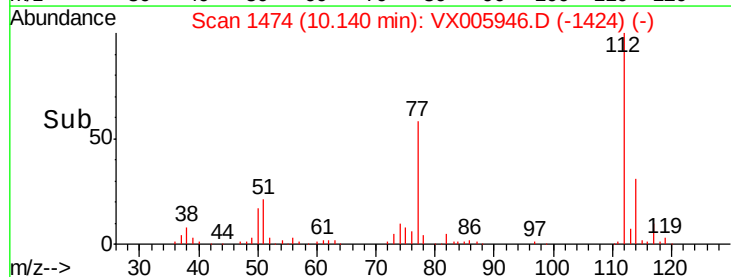
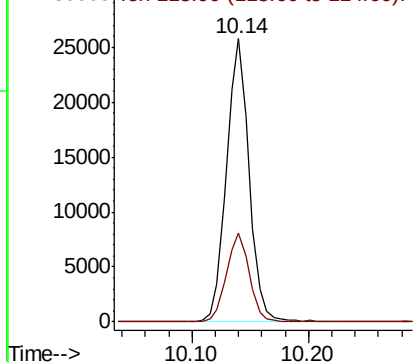


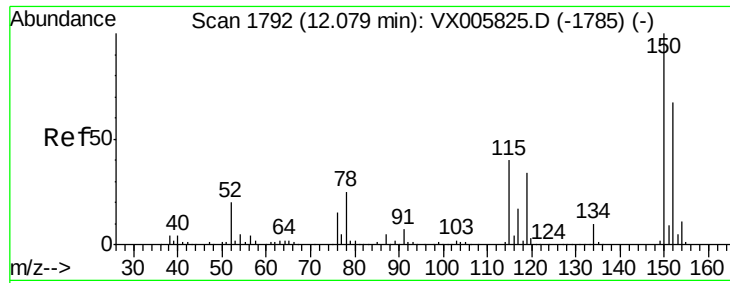
#65
Chlorobenzene
Concen: 14.171 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005946.D
Acq: 13 Nov 2018 14:07

Tgt Ion:112 Resp: 34601
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



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

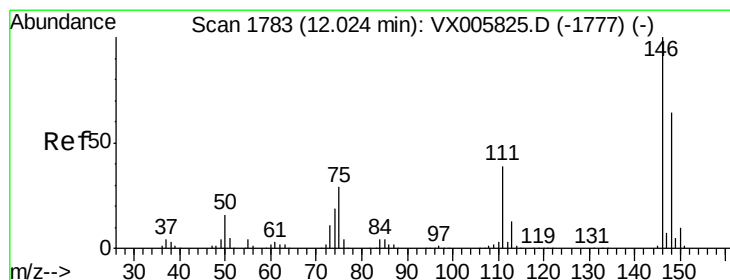
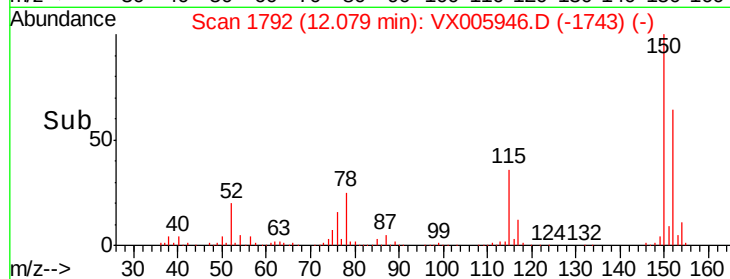
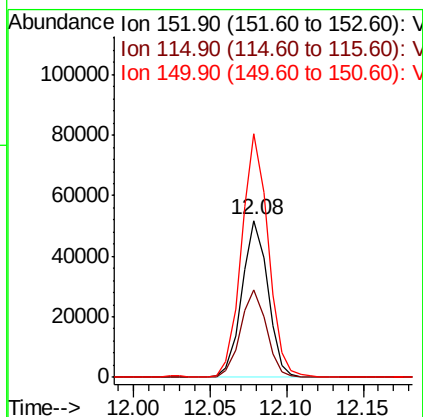
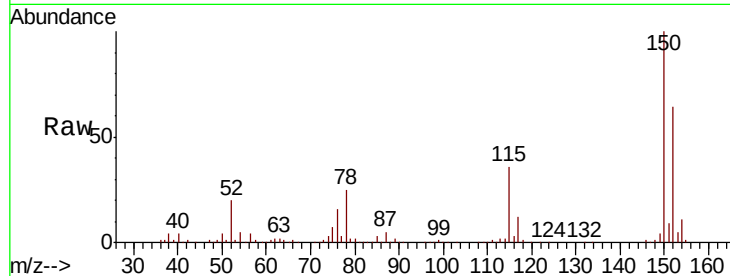




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX005946.D
 Acq: 13 Nov 2018 14:07

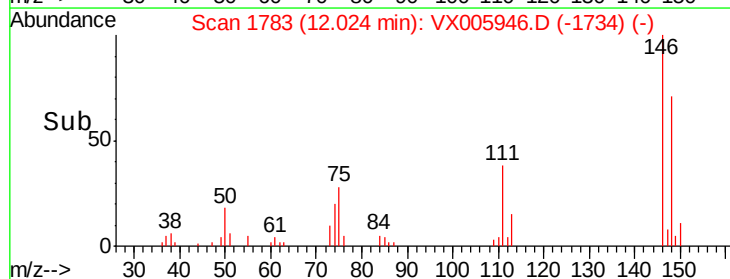
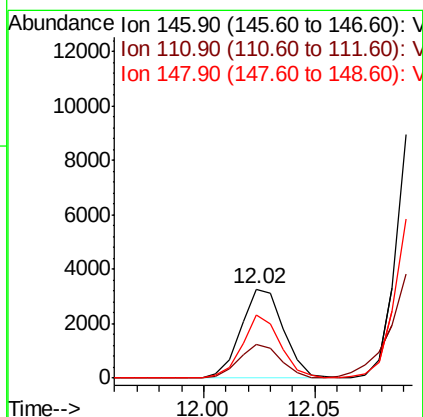
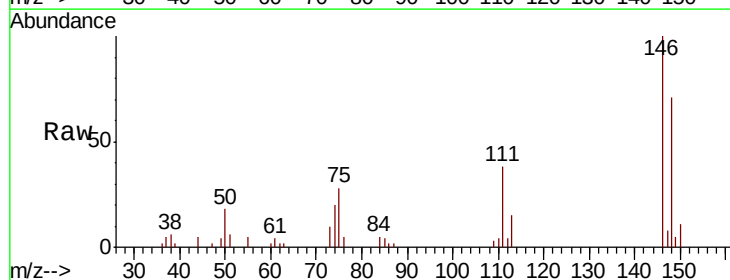
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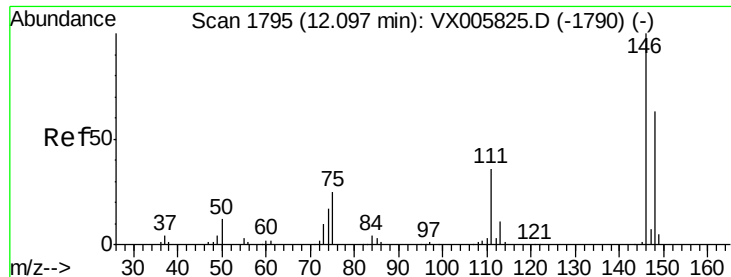
Tot Ion:152 Resp: 61109
 Ion Ratio Lower Upper
 152 100
 115 55.9 39.4 118.1
 150 159.0 0.0 346.4



#87
 1,3-Dichlorobenzene
 Concen: 2.298 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005946.D
 Acq: 13 Nov 2018 14:07

Tgt Ion:146 Resp: 4392
 Ion Ratio Lower Upper
 146 100
 111 36.8 19.0 57.0
 148 62.9 31.9 95.9

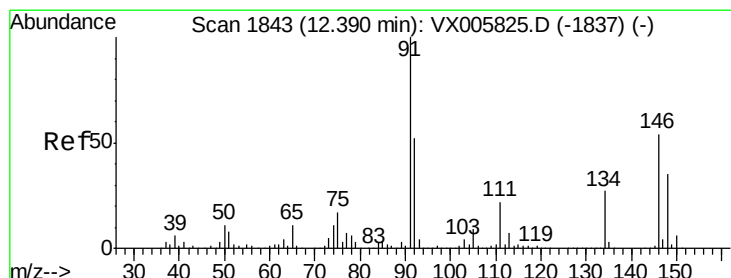
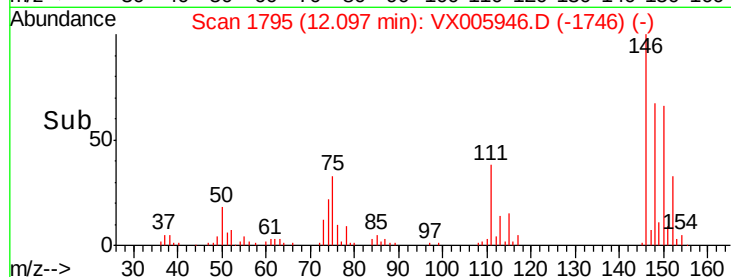
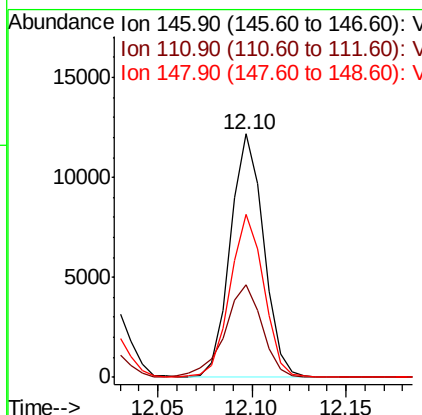
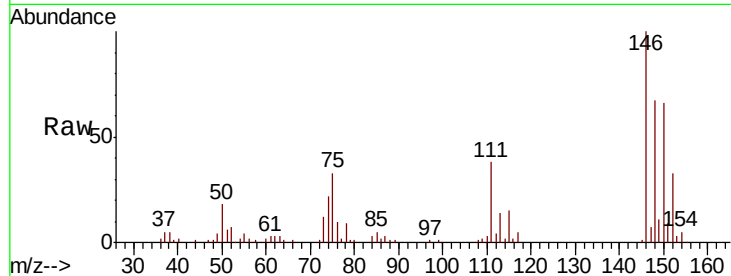




#88
 1,4-Dichlorobenzene
 Concen: 7.631 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005946.D
 Acq: 13 Nov 2018 14:07

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0498-181108DL

Tot Ion:146 Resp: 14933
 Ion Ratio Lower Upper
 146 100
 111 42.8 18.6 55.8
 148 68.0 32.1 96.3



#91
 1,2-Dichlorobenzene
 Concen: 59.968 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005946.D
 Acq: 13 Nov 2018 14:07

Tgt Ion:146 Resp: 114837
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.0 59.9
 148 64.8 32.2 96.6

