

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042519\
 Data File : VX009161.D
 Acq On : 25 Apr 2019 14:45
 Operator : JC/SP
 Sample : K2555-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BLIND-DUPLICATE

Quant Time: Apr 26 10:10:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	219806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	352065	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	305978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128705	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	144649	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
35) Dibromofluoromethane	5.50	113	105872	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
50) Toluene-d8	8.71	98	438143	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	11.13	95	146346	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	

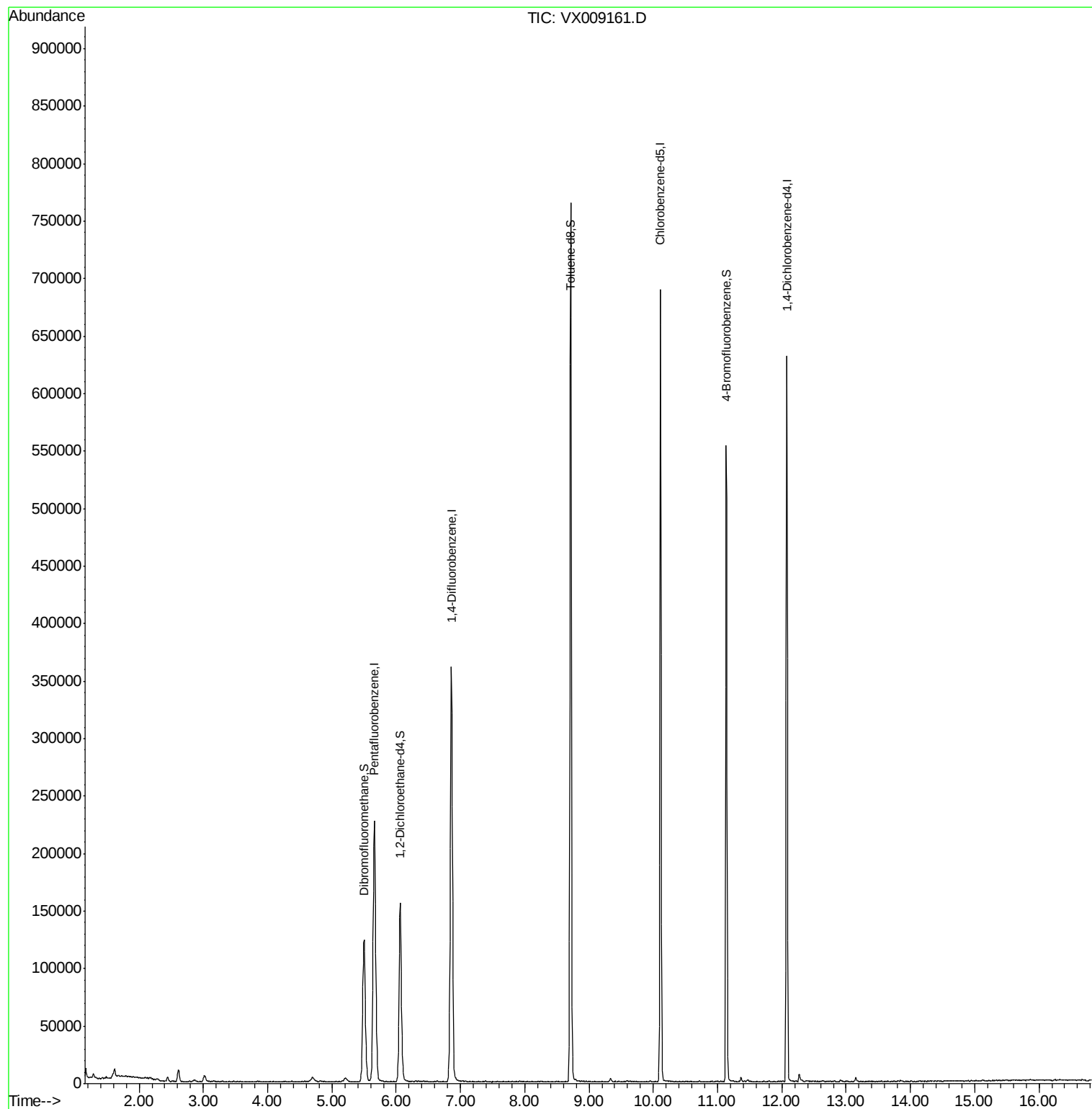
Target Compounds	Qvalue

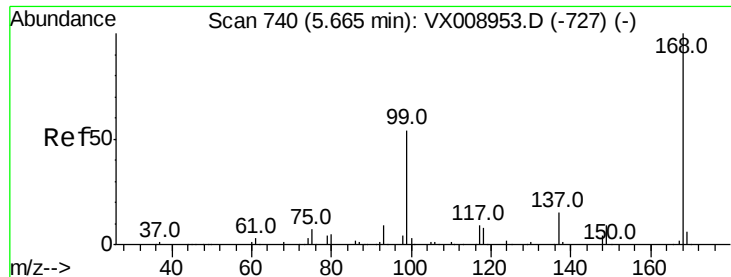
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009161.D

Acq: 25 Apr 2019 14:45

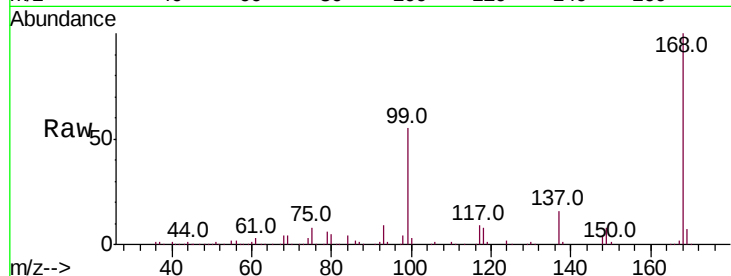
Instrument :
MSVOA_X
ClientSampleId :
BLIND-DUPLICATE

Tot Ion:168 Resp: 219806

Ion Ratio Lower Upper

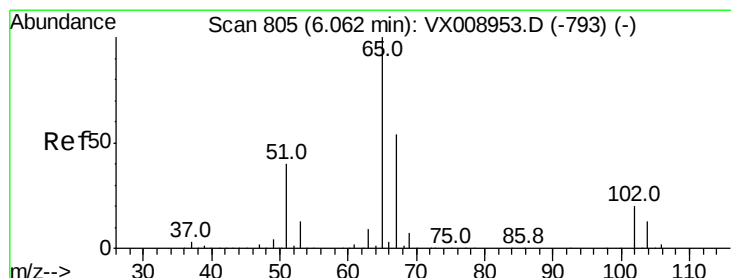
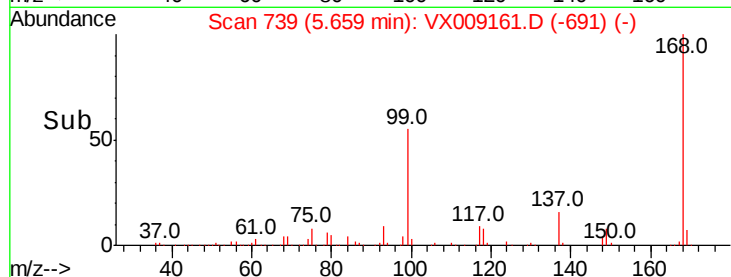
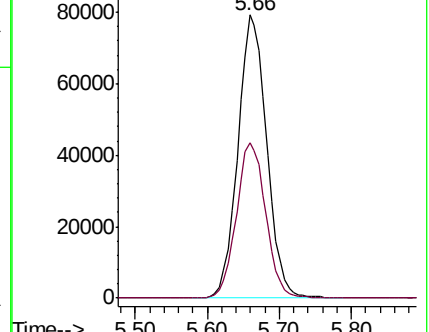
168 100

99 55.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.696 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009161.D

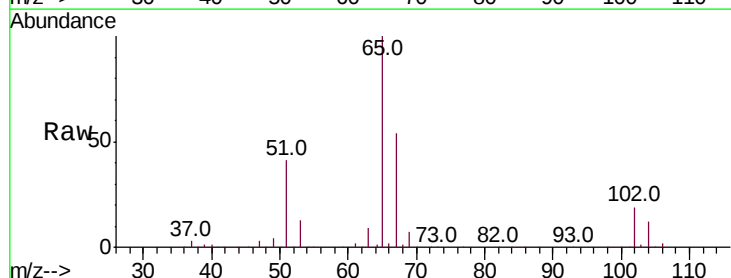
Acq: 25 Apr 2019 14:45

Tgt Ion: 65 Resp: 144649

Ion Ratio Lower Upper

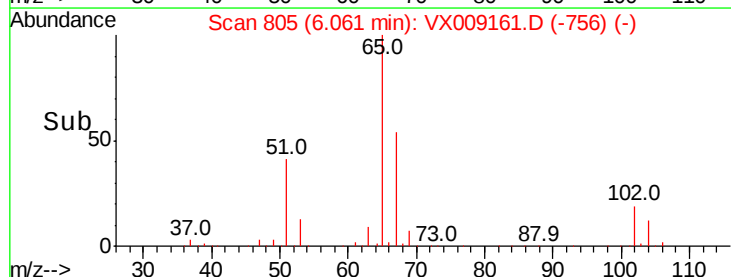
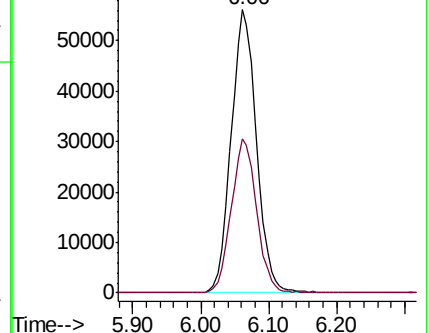
65 100

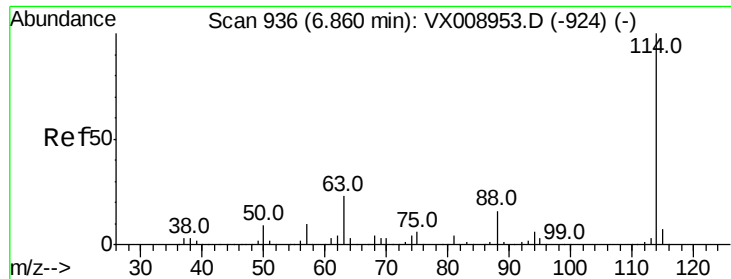
67 54.6 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

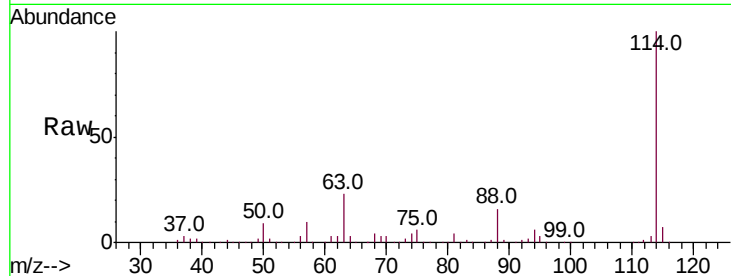




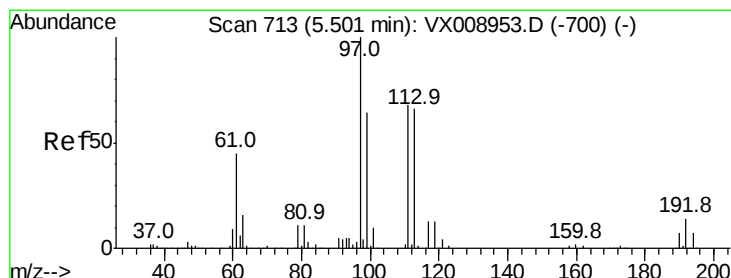
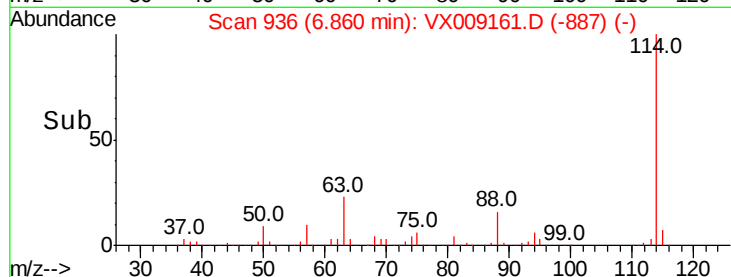
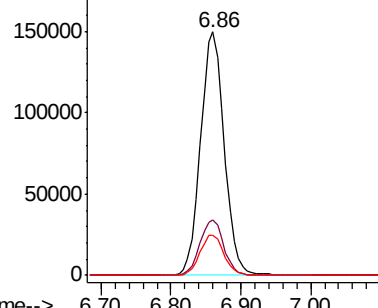
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009161.D
 Acq: 25 Apr 2019 14:45

Instrument :
 MSVOA_X
 ClientSampleId :
 BLIND-DUPLICATE

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	46.0
88	16.4	0.0	32.6

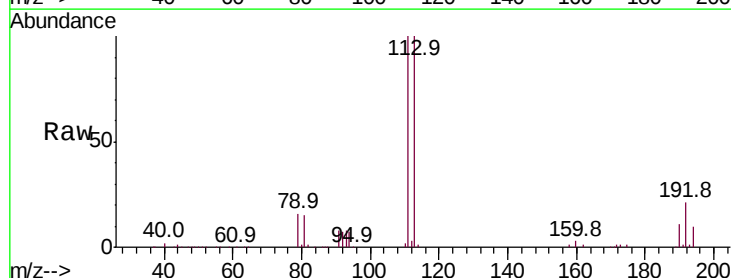


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

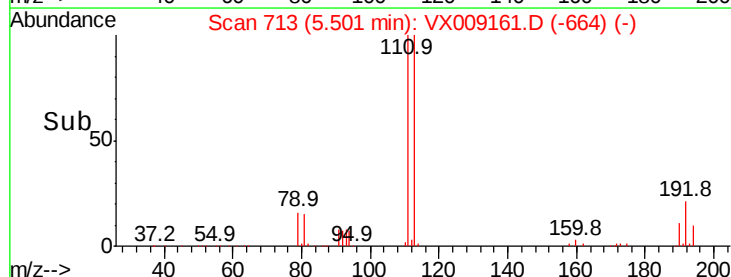
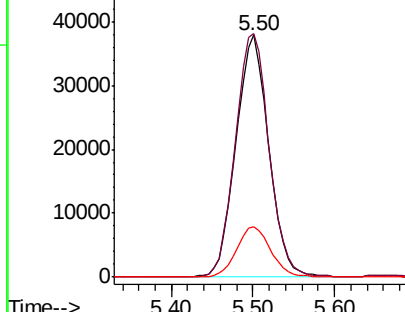


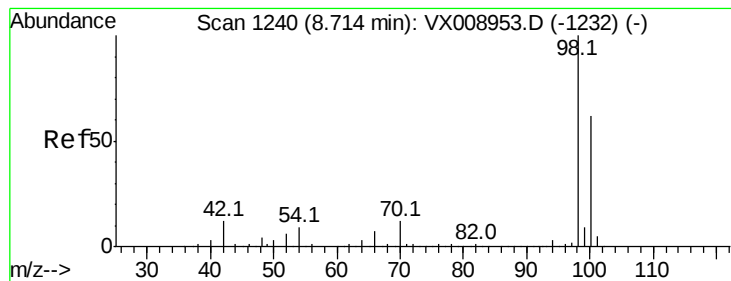
#35
 Dibromofluoromethane
 Concen: 46.857 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009161.D
 Acq: 25 Apr 2019 14:45

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	21.6	17.4	26.0



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: 48.624 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009161.D

Acq: 25 Apr 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

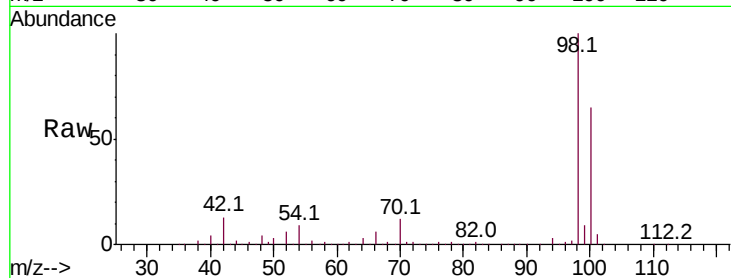
BLIND-DUPLICATE

Tot Ion: 98 Resp: 438143

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

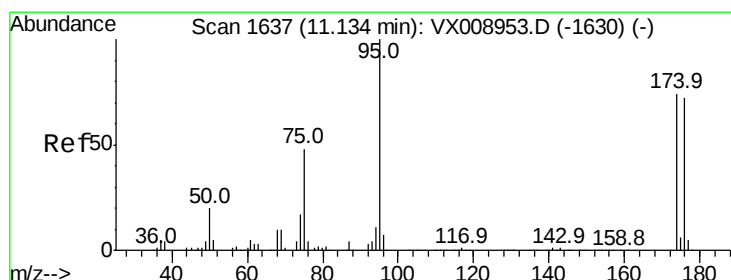
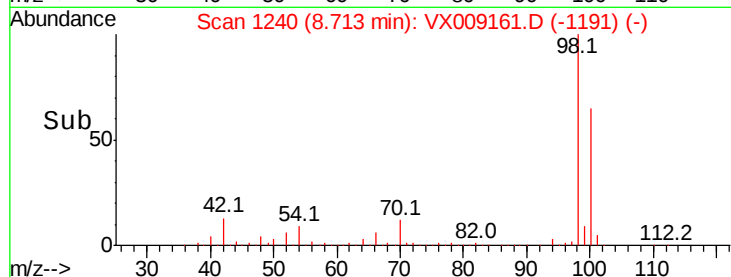
300000

200000

100000

0

Time--> 8.60 8.65 8.70 8.75 8.80



#62

4-Bromofluorobenzene

Concen: 46.008 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009161.D

Acq: 25 Apr 2019 14:45

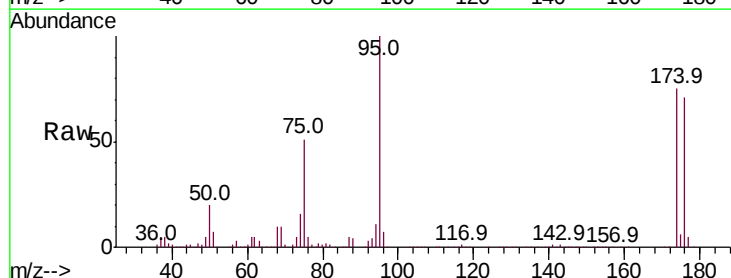
Tgt Ion: 95 Resp: 146346

Ion Ratio Lower Upper

95 100

174 80.4 0.0 159.6

176 77.3 0.0 154.8



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

11.13

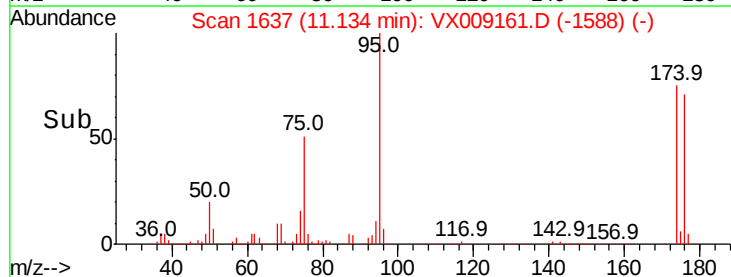
150000

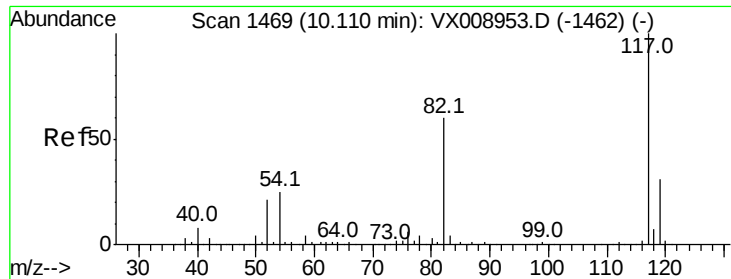
100000

50000

0

Time--> 11.10 11.20

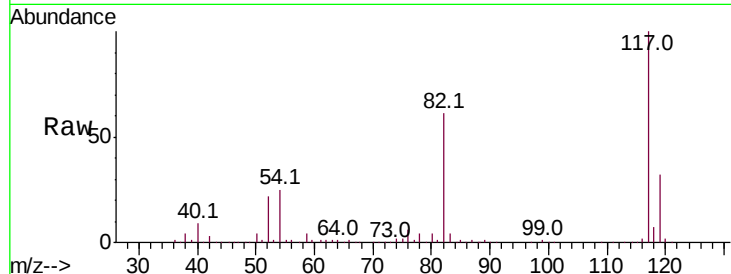




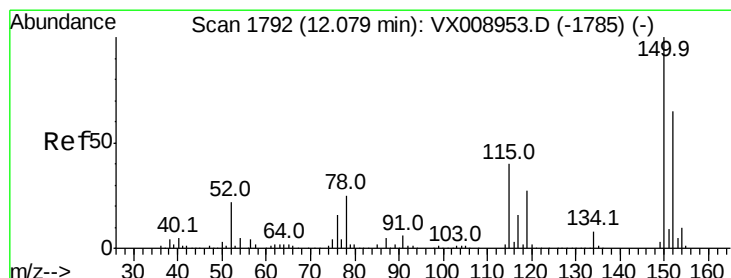
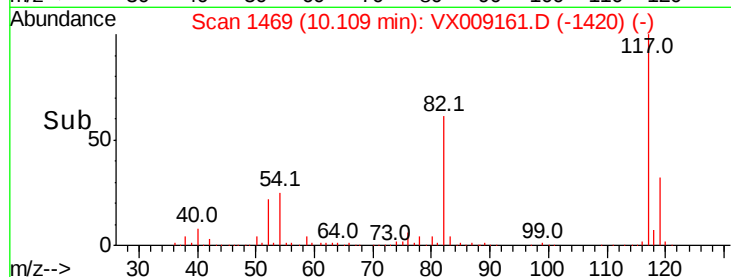
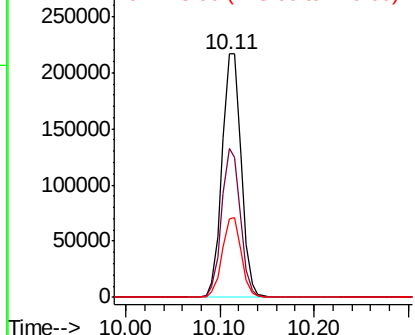
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009161.D
Acq: 25 Apr 2019 14:45

Instrument :
MSVOA_X
ClientSampleId :
BLIND-DUPLICATE

Tot Ion:117 Resp: 305978
Ion Ratio Lower Upper
117 100
82 61.1 48.2 72.4
119 32.4 25.0 37.6

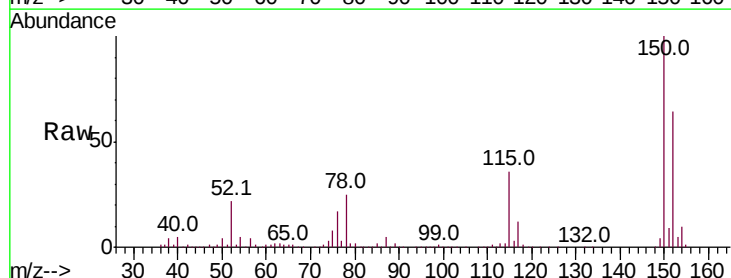


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009161.D
Acq: 25 Apr 2019 14:45

Tgt Ion:152 Resp: 128705
Ion Ratio Lower Upper
152 100
115 59.3 41.4 124.2
150 157.1 0.0 349.8



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

