

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032119\
 Data File : VX008325.D
 Acq On : 22 Mar 2019 06:20
 Operator : JC/SP
 Sample : K1945-12 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M4-T4-UV(POST-HYPO)

Quant Time: Mar 22 10:30:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	200959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	299394	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116254	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	111799	36.94	ug/l	0.00
Spiked Amount			Recovery	=	73.88%	
35) Dibromofluoromethane	5.49	113	98123	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
50) Toluene-d8	8.71	98	359542	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	
62) 4-Bromofluorobenzene	11.13	95	120910	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	

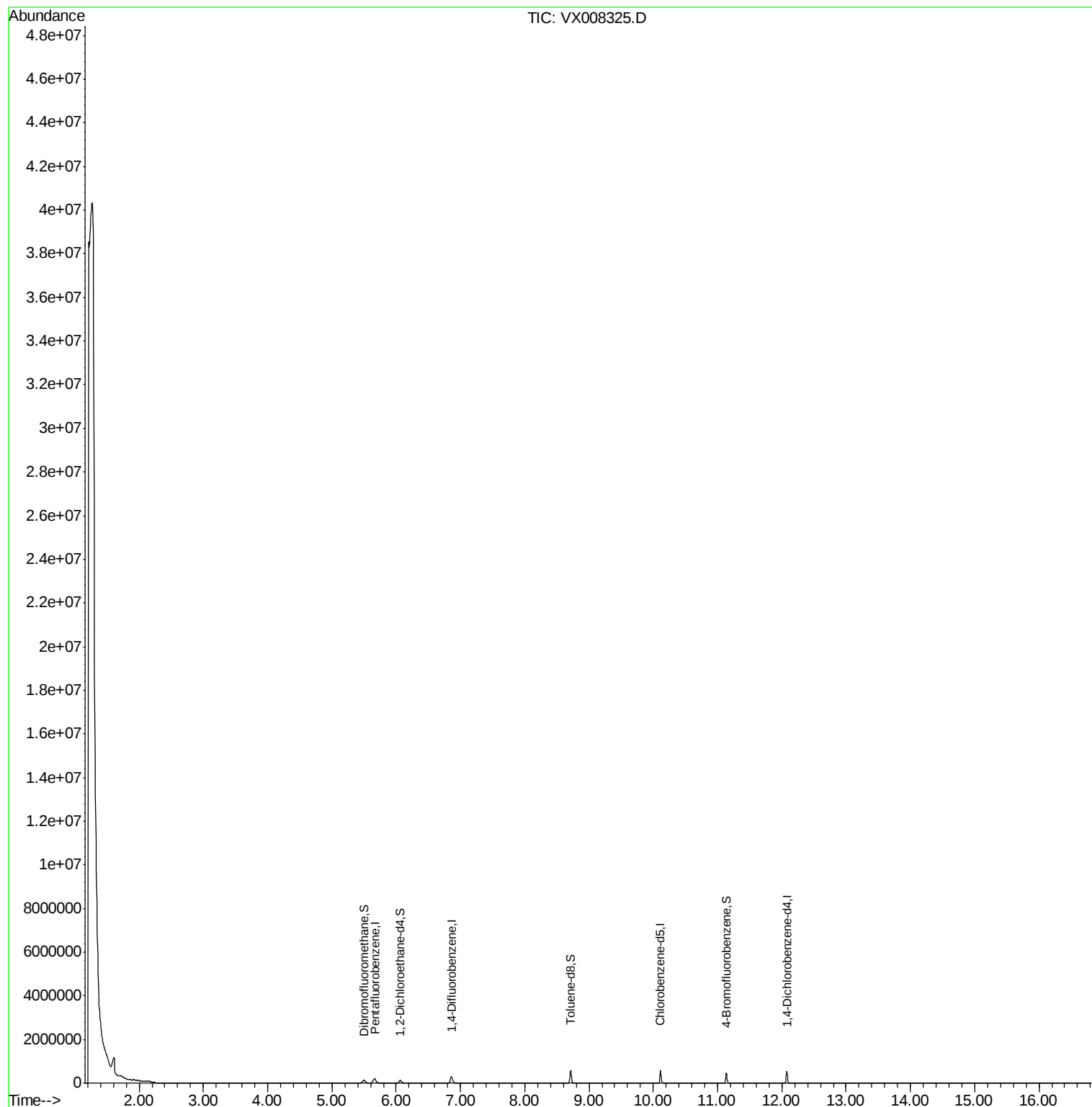
Target Compounds	Qvalue
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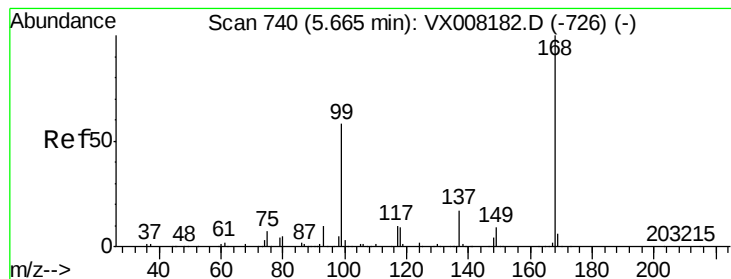
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008325.D

Acq: 22 Mar 2019 06:20

Instrument :

MSVOA_X

ClientSampleId :

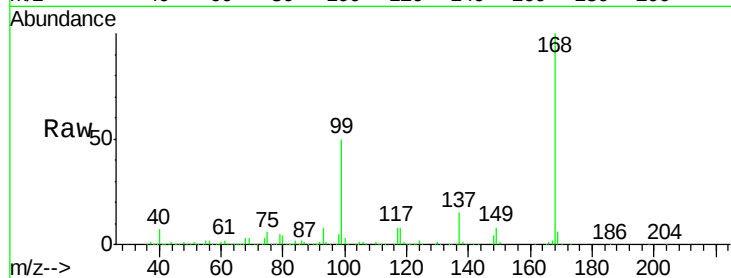
M4-T4-UV(POST-HYPO)

Tot Ion:168 Resp: 200959

Ion Ratio Lower Upper

168 100

99 49.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

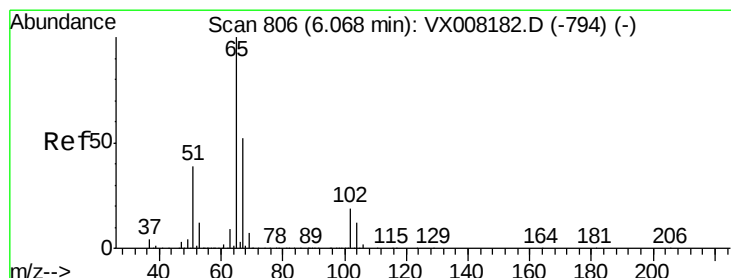
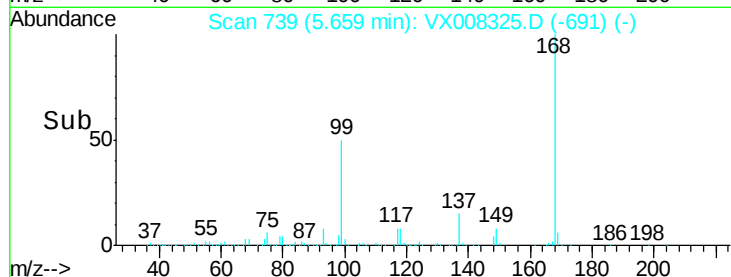
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 36.939 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008325.D

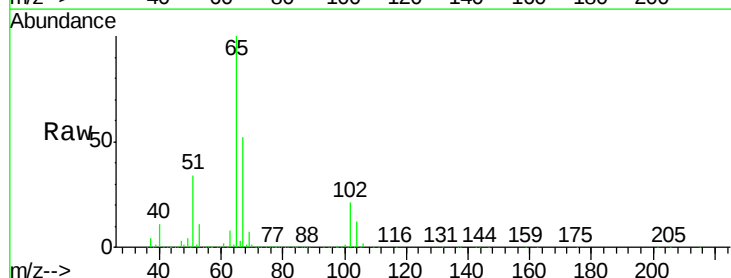
Acq: 22 Mar 2019 06:20

Tgt Ion: 65 Resp: 111799

Ion Ratio Lower Upper

65 100

67 51.6 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

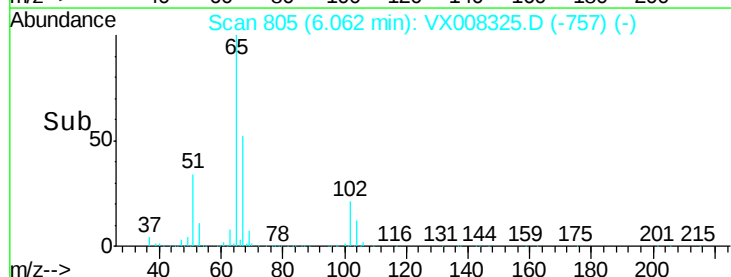
30000

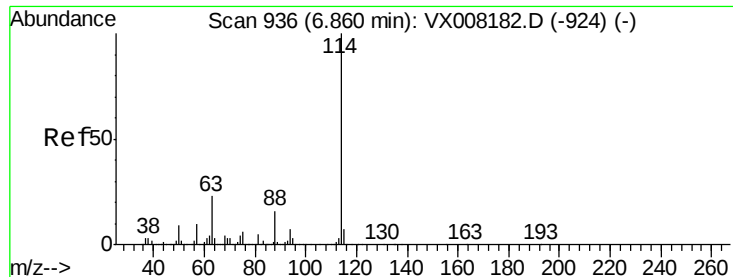
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008325.D

Acq: 22 Mar 2019 06:20

Instrument :

MSVOA_X

ClientSampleId :

M4-T4-UV(POST-HYPO)

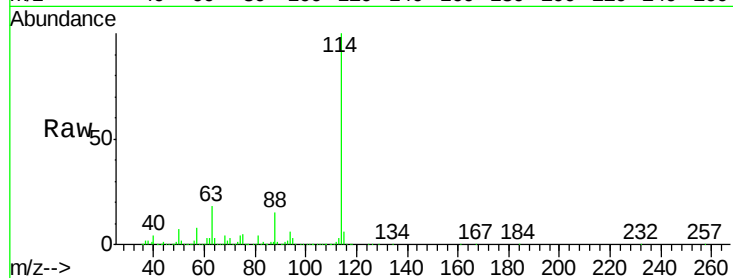
Tot Ion:114 Resp: 299394

Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.8

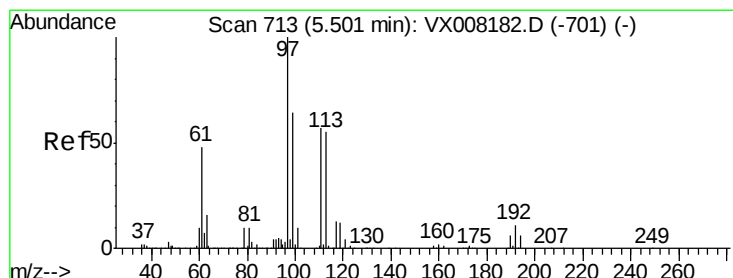
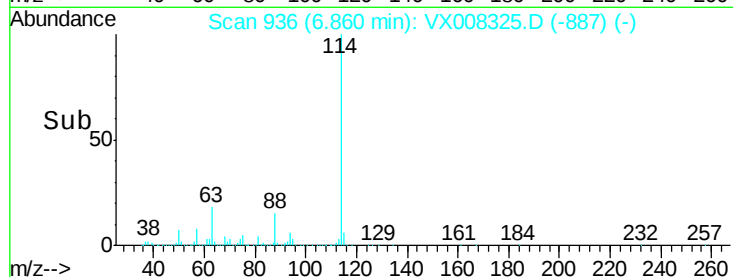
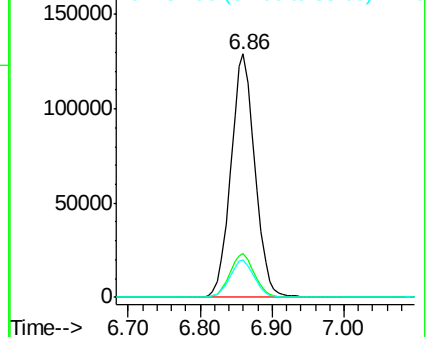
88 15.3 0.0 31.4



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: 48.958 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008325.D

Acq: 22 Mar 2019 06:20

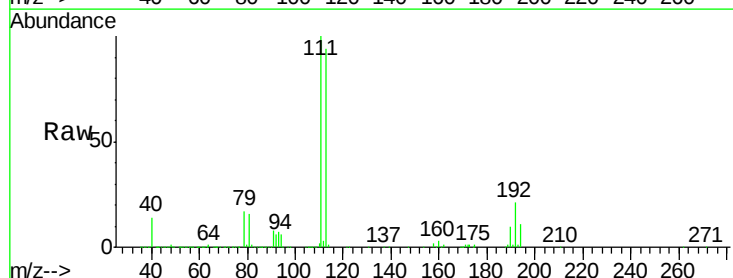
Tgt Ion:113 Resp: 98123

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

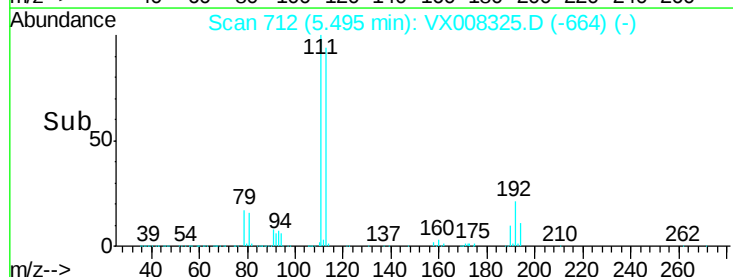
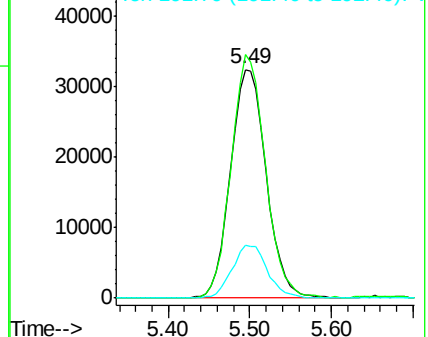
192 22.9 19.4 29.0

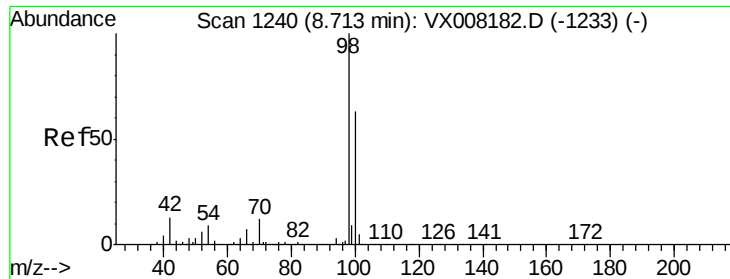


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

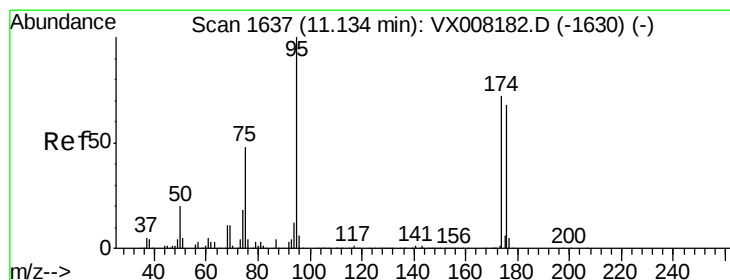
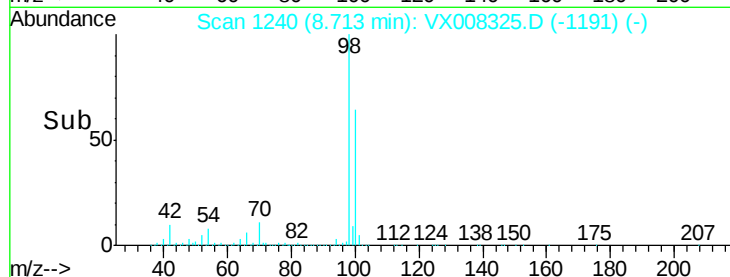
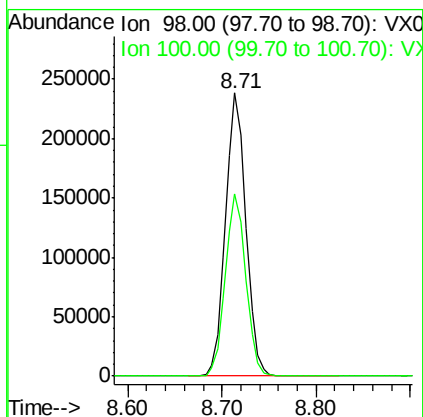
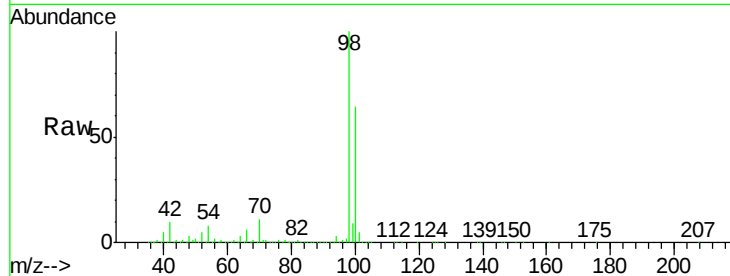




#50
Toluene-d8
Concen: 47.316 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008325.D
Acq: 22 Mar 2019 06:20

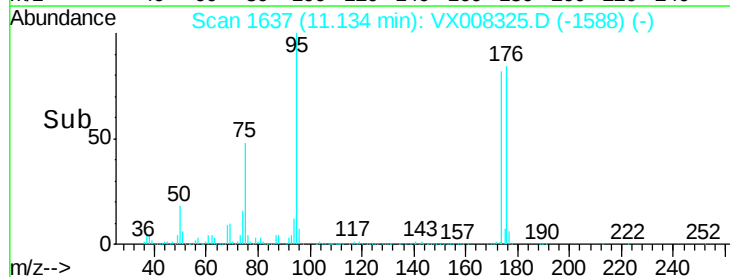
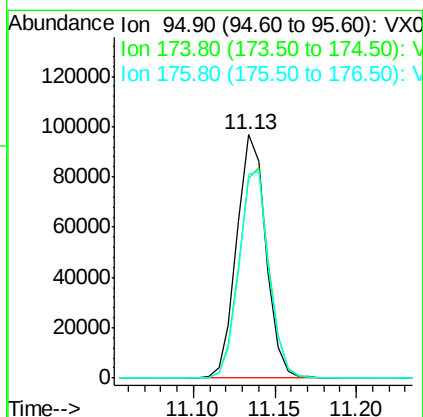
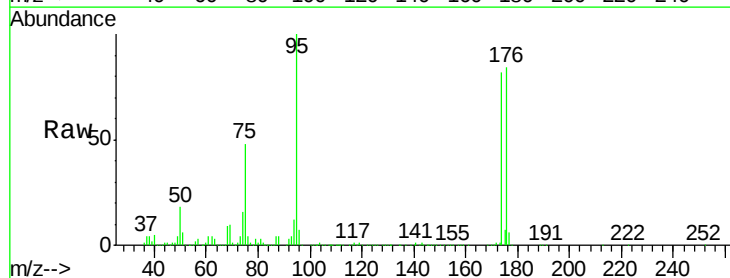
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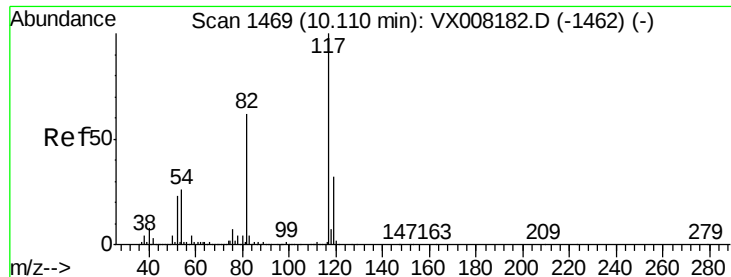
Tot Ion: 98 Resp: 359542
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.212 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008325.D
Acq: 22 Mar 2019 06:20

Tgt Ion: 95 Resp: 120910
Ion Ratio Lower Upper
95 100
174 89.0 0.0 182.8
176 87.2 0.0 178.0

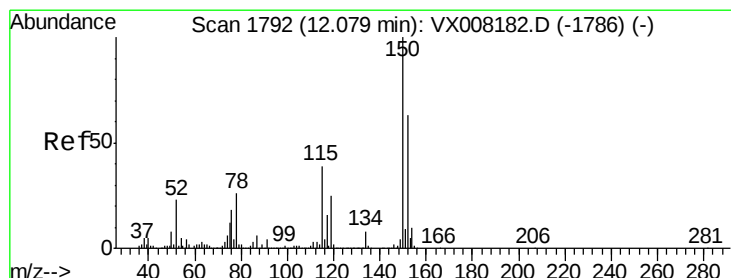
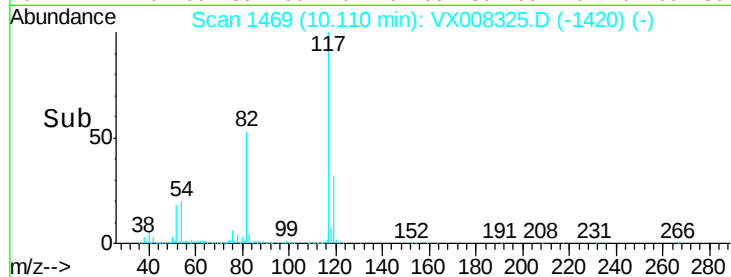
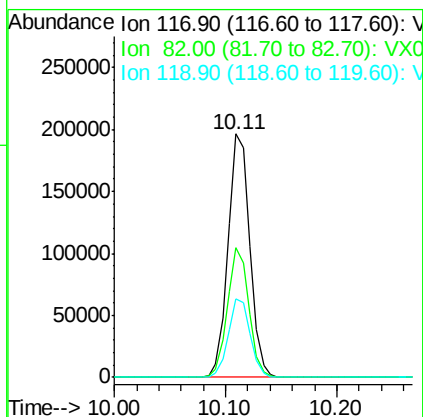
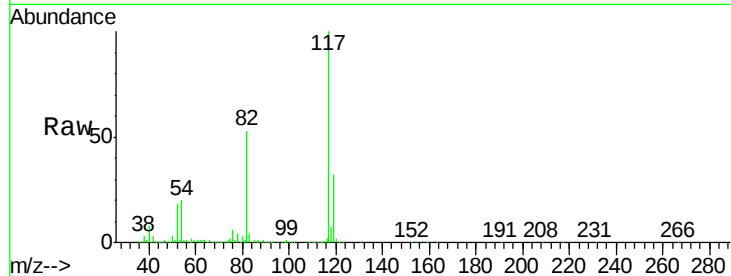




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008325.D
Acq: 22 Mar 2019 06:20

Instrument :
MSVOA_X
ClientSampleId :
M4-T4-UV(POST-HYPO)

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	44.3	66.5
119	32.3	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: VX008325.D
Acq: 22 Mar 2019 06:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	38.6	115.7
150	155.3	0.0	348.4

