

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008273.D
 Acq On : 21 Mar 2019 04:56
 Operator : JC/SP
 Sample : K1912-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T4-UV(POST-HYPO)

Quant Time: Mar 22 08:12:02 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	5.62	168	57980	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	6.84	114	26488	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.11	117	113611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	93526	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	2342	2.68	ug/l	-0.04
Spiked Amount			Recovery	=		5.36%
35) Dibromofluoromethane	5.46	113	1499	8.45	ug/l	-0.04
Spiked Amount			Recovery	=		16.90%
50) Toluene-d8	8.71	98	131007	194.87	ug/l	0.00
Spiked Amount			Recovery	=		389.74%
62) 4-Bromofluorobenzene	11.13	95	80568	348.06	ug/l	0.00
Spiked Amount			Recovery	=		696.12%

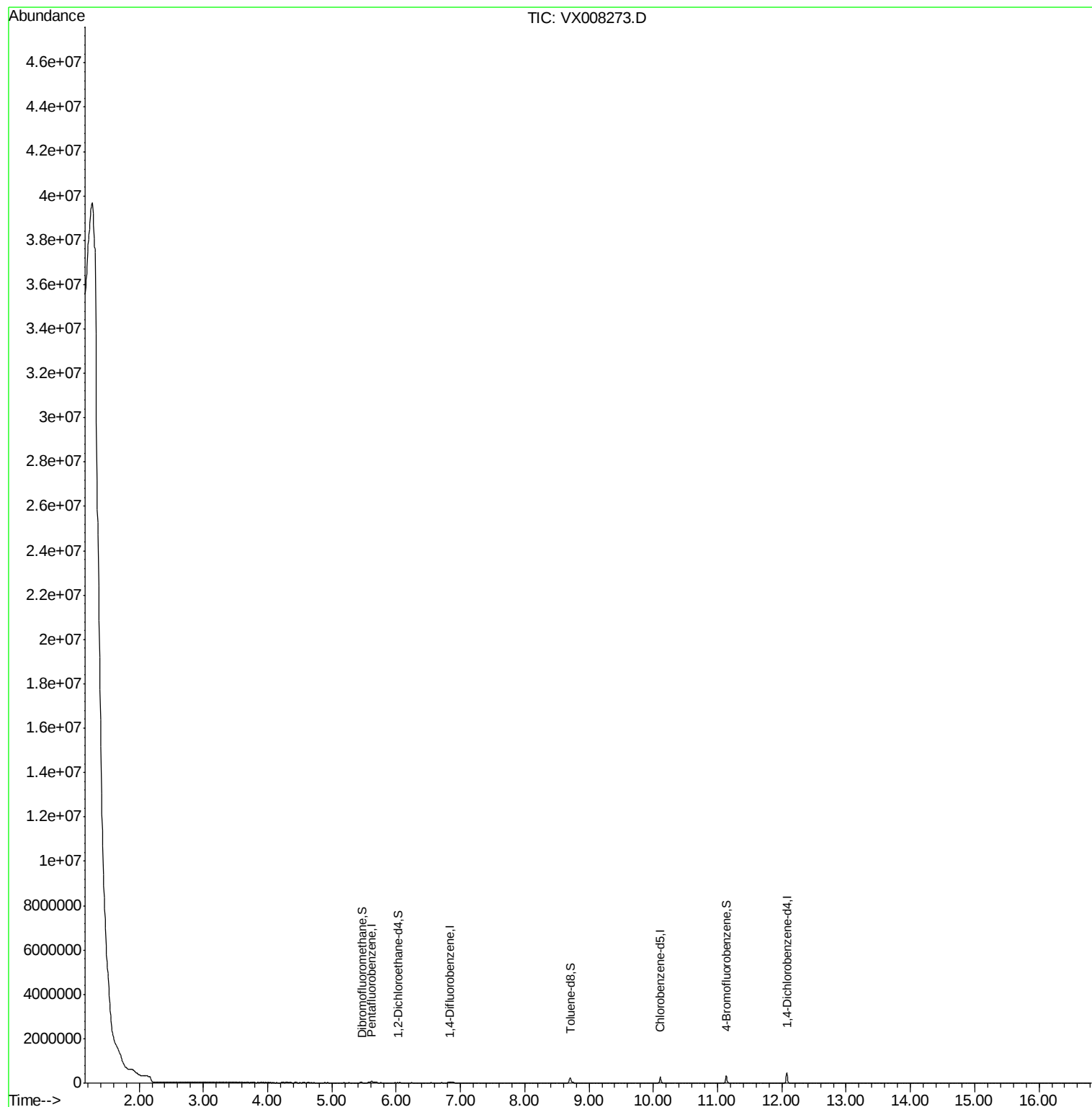
Target Compounds	Qvalue
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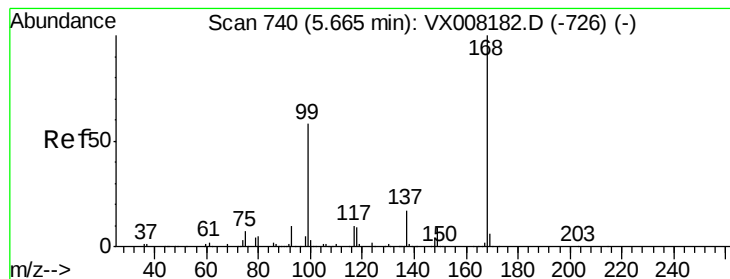
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 19 13:15:13 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 733

Delta R.T. -0.04 min

Lab File: VX008273.D

Acq: 21 Mar 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

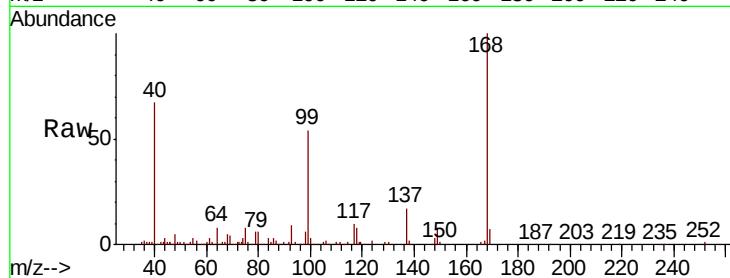
M3-T4-UV(POST-HYPO)

Tot Ion:168 Resp: 57980

Ion Ratio Lower Upper

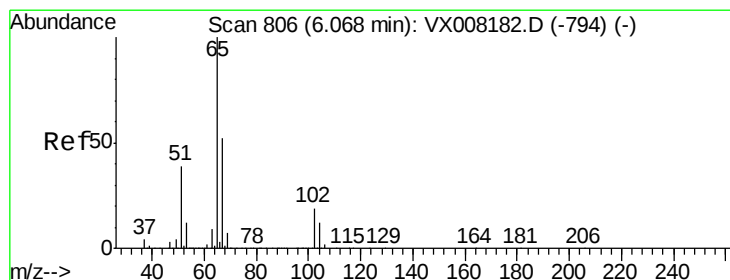
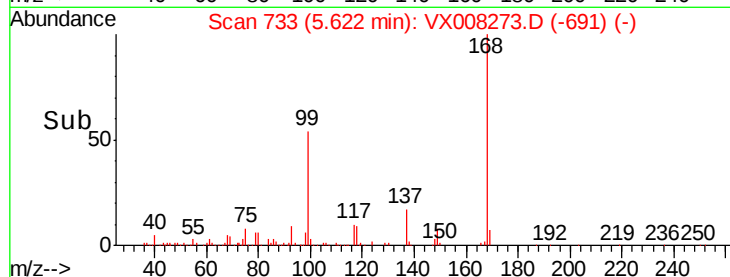
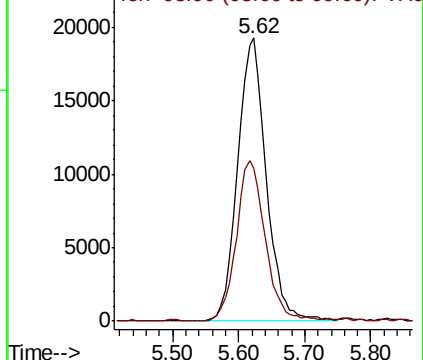
168 100

99 53.9 37.6 56.4



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: 2.682 ug/l

RT: 6.03 min Scan# 800

Delta R.T. -0.04 min

Lab File: VX008273.D

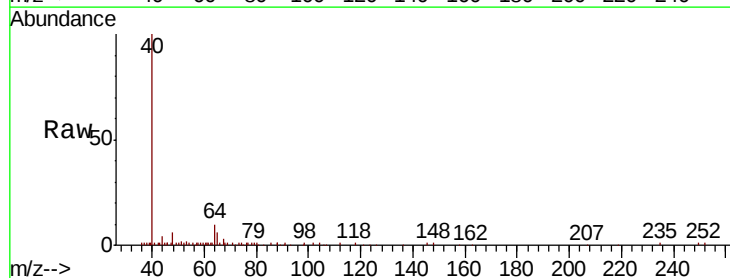
Acq: 21 Mar 2019 04:56

Tgt Ion: 65 Resp: 2342

Ion Ratio Lower Upper

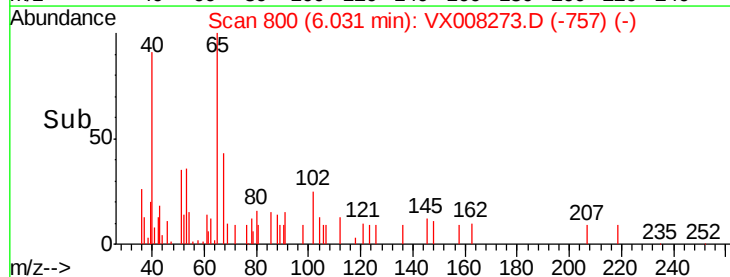
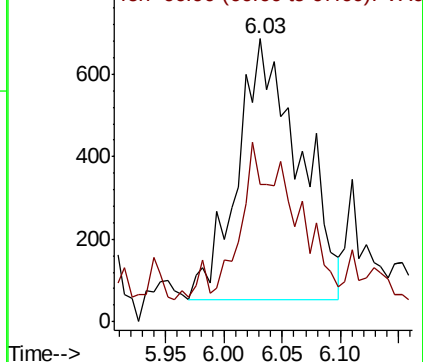
65 100

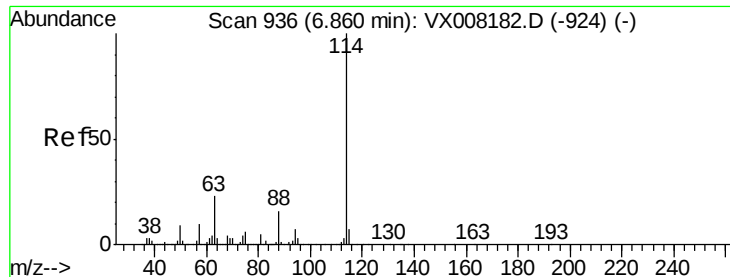
67 26.0 0.0 110.0



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: 6.84 min Scan# 932

Delta R.T. -0.02 min

Lab File: VX008273.D

Acq: 21 Mar 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

M3-T4-UV(POST-HYPO)

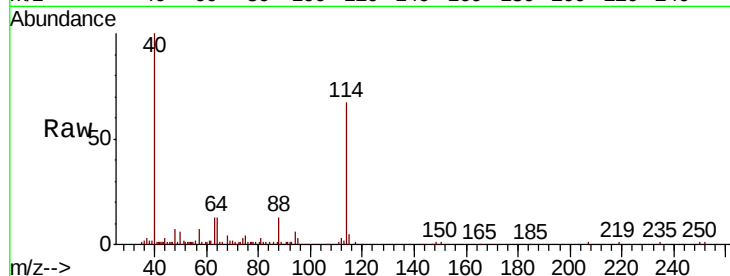
Tot Ion:114 Resp: 26488

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.8

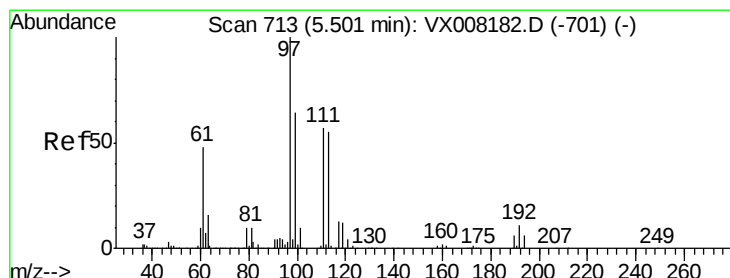
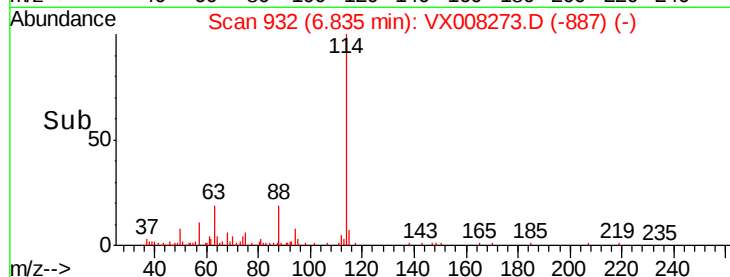
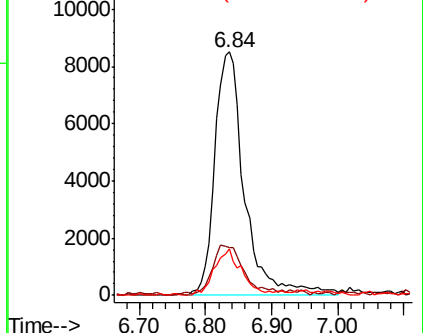
88 19.0 0.0 31.4



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: 8.454 ug/l

RT: 5.46 min Scan# 706

Delta R.T. -0.04 min

Lab File: VX008273.D

Acq: 21 Mar 2019 04:56

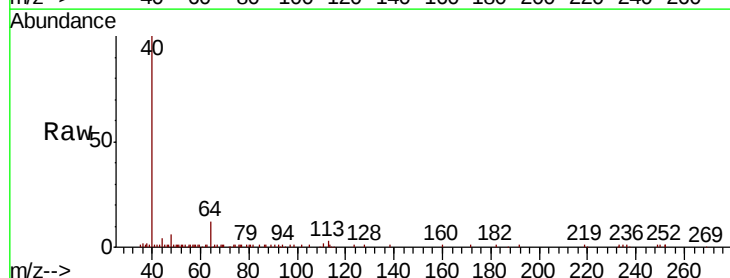
Tgt Ion:113 Resp: 1499

Ion Ratio Lower Upper

113 100

111 26.8 81.4 122.0#

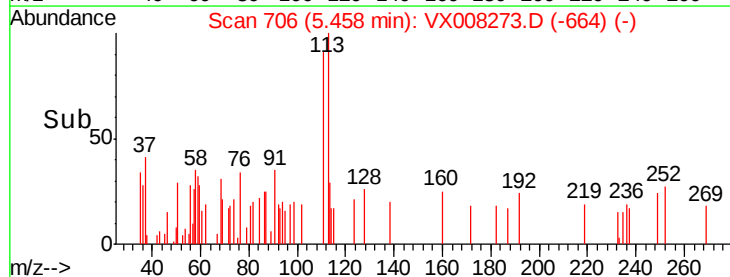
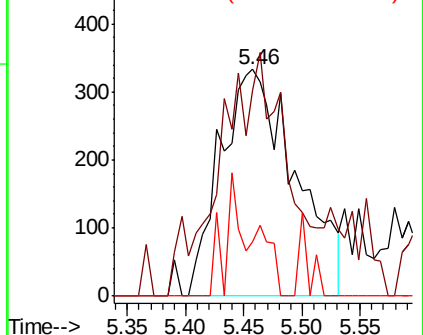
192 11.5 19.4 29.0#

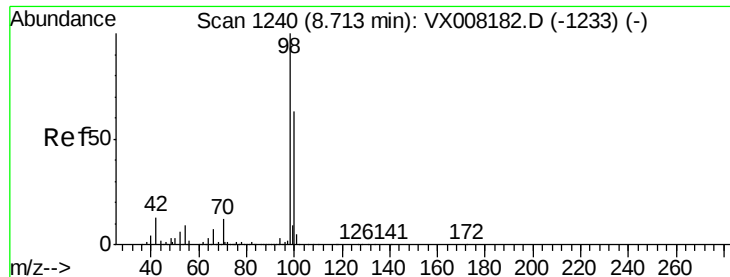


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 194.869 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX008273.D

Acq: 21 Mar 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

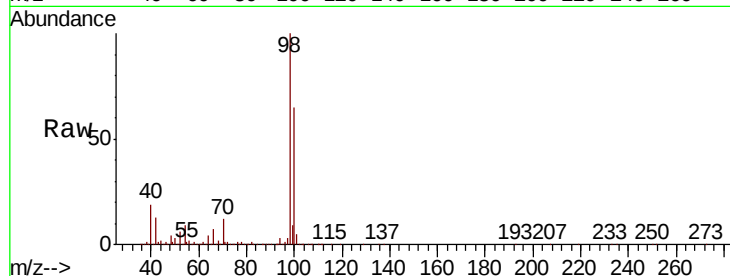
M3-T4-UV(POST-HYPO)

Tot Ion: 98 Resp: 131007

Ion Ratio Lower Upper

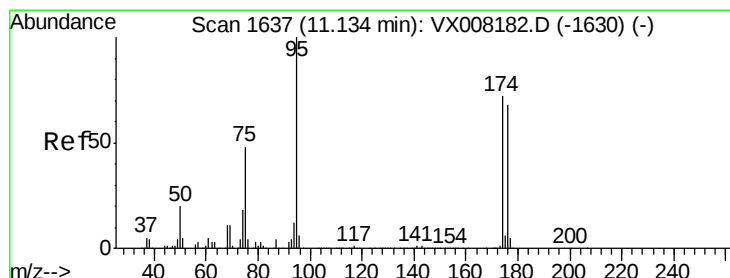
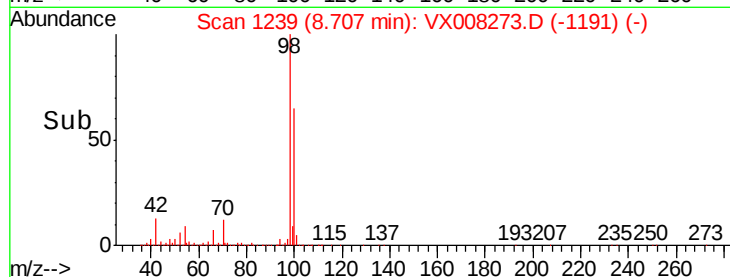
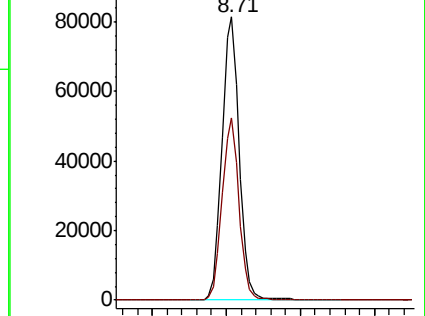
98 100

100 63.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 348.056 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008273.D

Acq: 21 Mar 2019 04:56

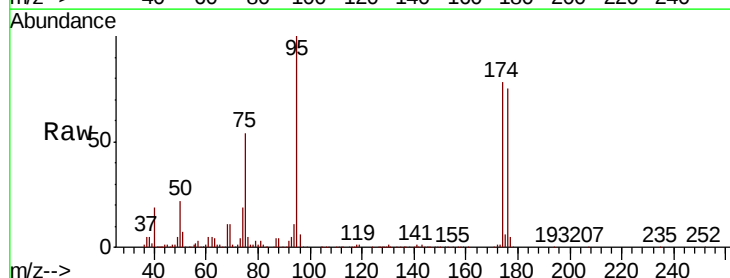
Tgt Ion: 95 Resp: 80568

Ion Ratio Lower Upper

95 100

174 80.9 0.0 182.8

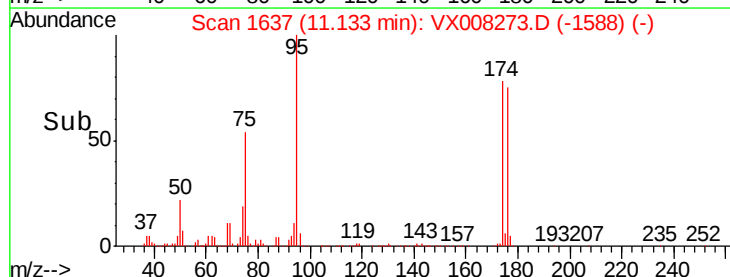
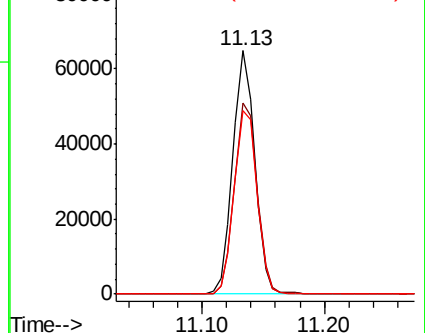
176 78.6 0.0 178.0

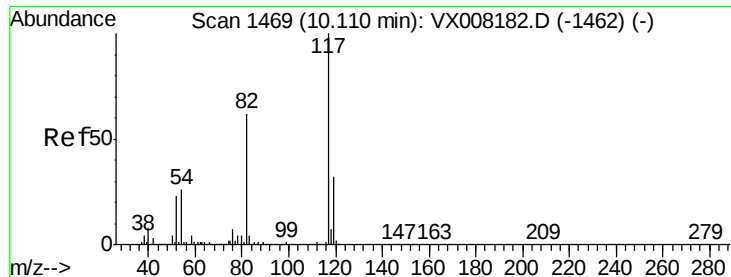


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

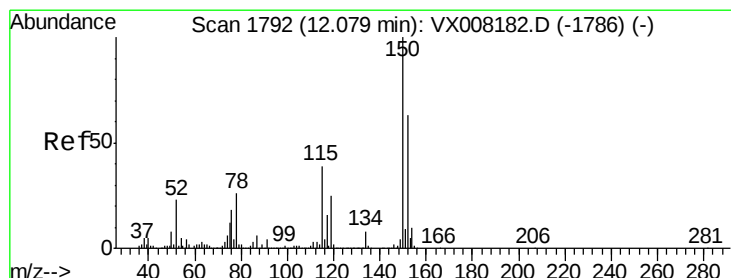
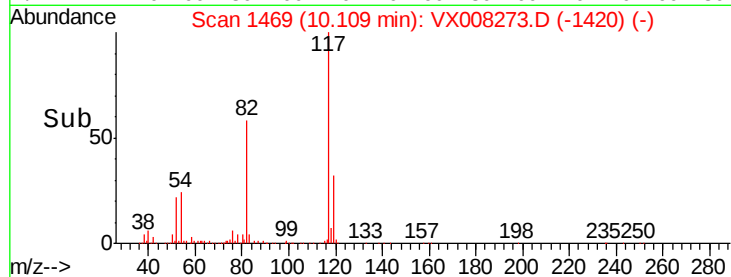
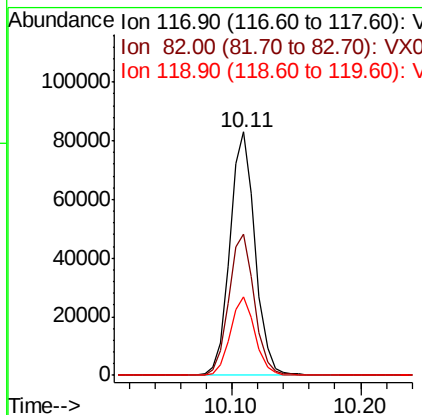
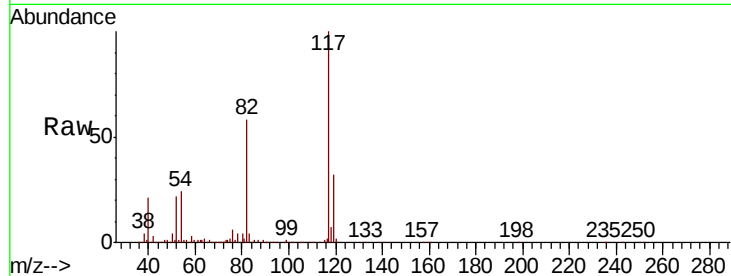




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008273.D
Acq: 21 Mar 2019 04:56

Instrument :
MSVOA_X
ClientSampleId :
M3-T4-UV(POST-HYPO)

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.1	44.3	66.5
119	32.4	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: VX008273.D
Acq: 21 Mar 2019 04:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	38.6	115.7
150	154.9	0.0	348.4

