

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030519\
 Data File : VX007840.D
 Acq On : 05 Mar 2019 16:34
 Operator : JC/SP
 Sample : K1659-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M2-T5-UV(POSTHYPO)

Quant Time: Mar 06 00:48:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	102122	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	6.83	114	71842	50.00	ug/l	-0.03
63) Chlorobenzene-d5	10.11	117	173388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132114	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	4876	3.85	ug/l	-0.04
Spiked Amount			Recovery	=		7.70%
35) Dibromofluoromethane	5.44	113	3833	7.98	ug/l	-0.06
Spiked Amount			Recovery	=		15.96%
50) Toluene-d8	8.70	98	193852	105.44	ug/l	-0.01
Spiked Amount			Recovery	=		210.88%
62) 4-Bromofluorobenzene	11.13	95	109395	162.11	ug/l	0.00
Spiked Amount			Recovery	=		324.22%

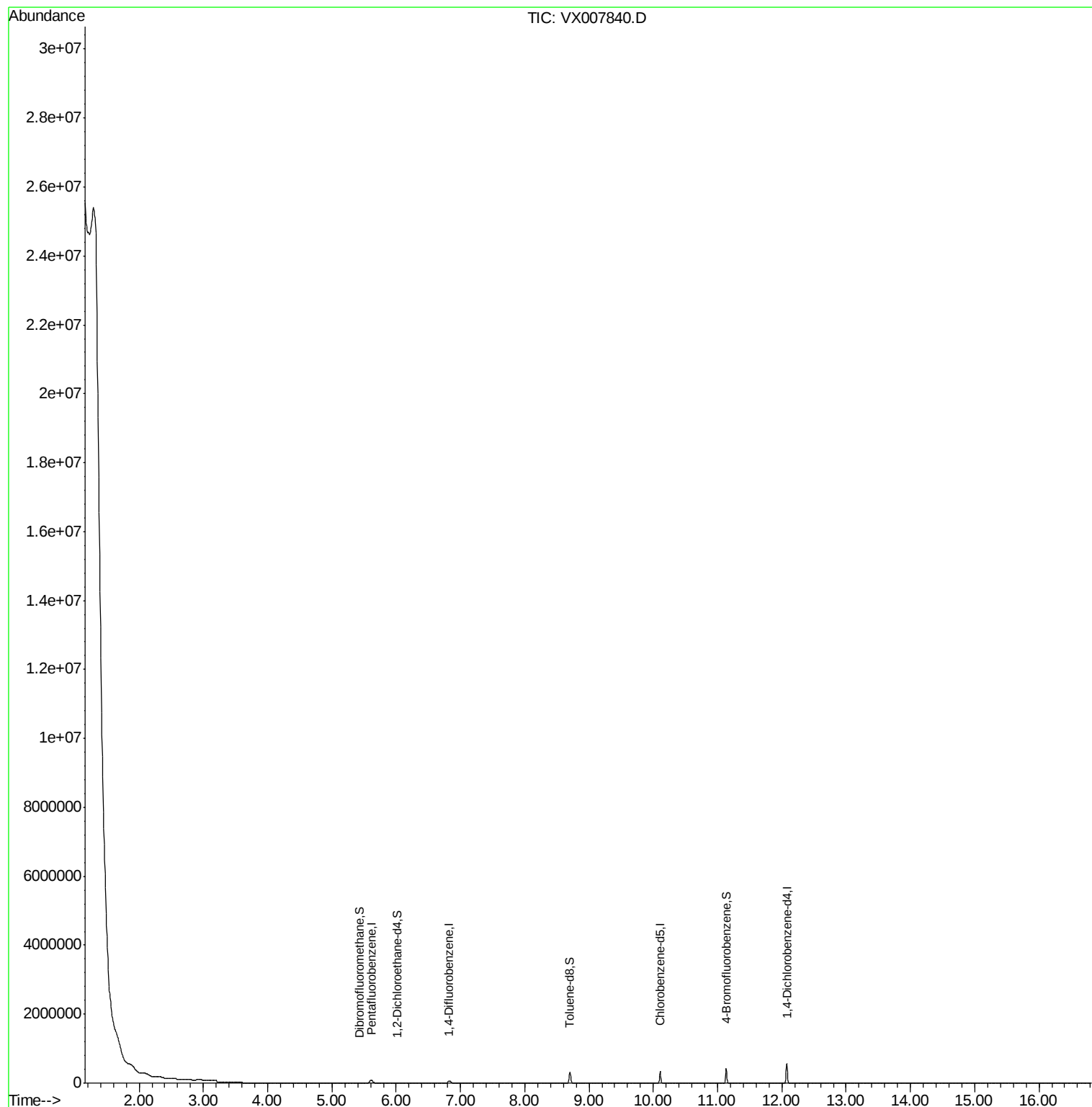
Target Compounds	Qvalue
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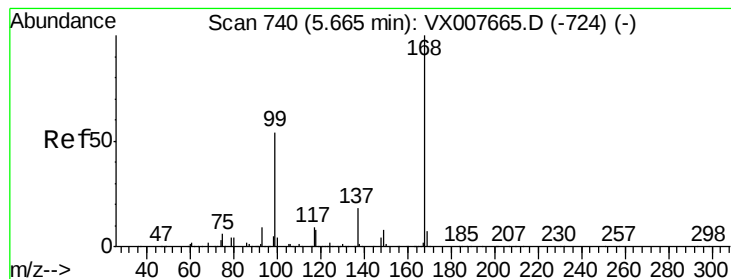
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 26 01:53:13 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 731

Delta R.T. -0.05 min

Lab File: VX007840.D

Acq: 05 Mar 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

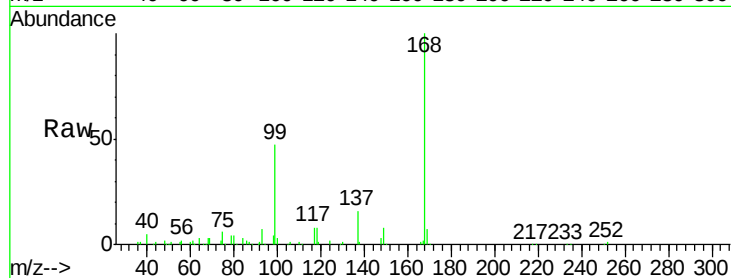
M2-T5-UV(POSTHYPO)

Tot Ion:168 Resp: 102122

Ion Ratio Lower Upper

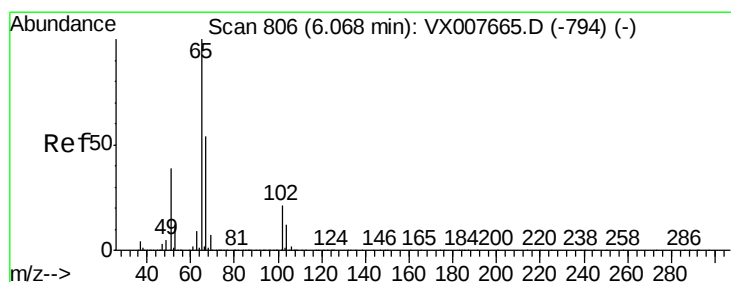
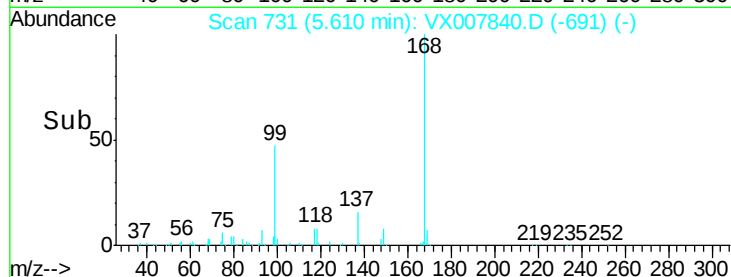
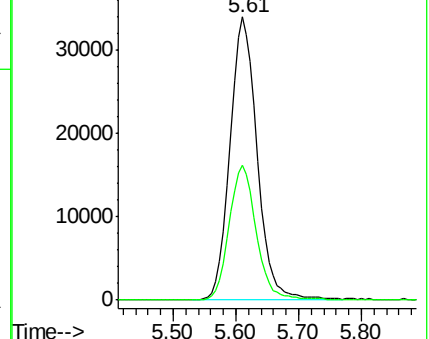
168 100

99 47.4 37.9 56.9



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: 3.855 ug/l

RT: 6.02 min Scan# 799

Delta R.T. -0.04 min

Lab File: VX007840.D

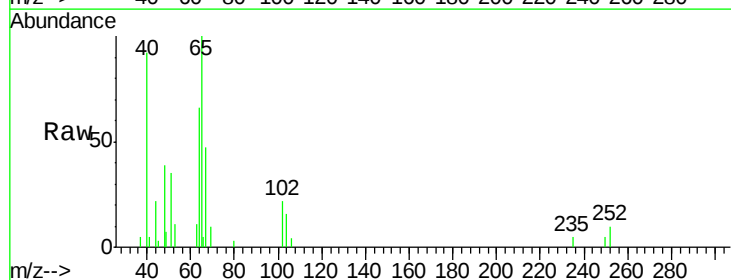
Acq: 05 Mar 2019 16:34

Tgt Ion: 65 Resp: 4876

Ion Ratio Lower Upper

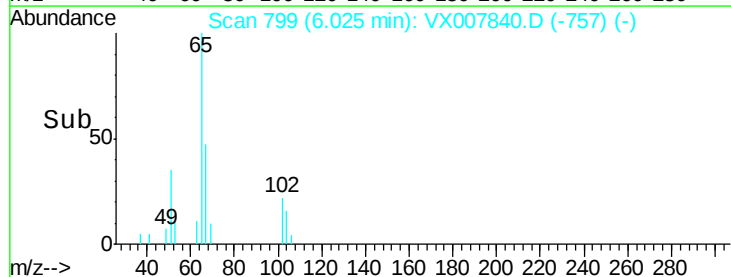
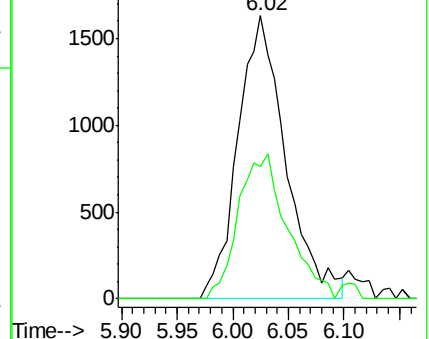
65 100

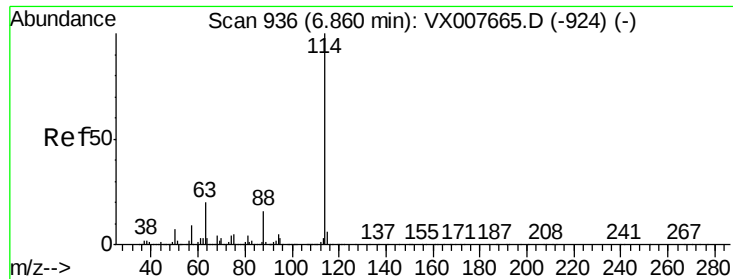
67 52.2 0.0 108.8



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: 6.83 min Scan# 931

Delta R.T. -0.03 min

Lab File: VX007840.D

Acq: 05 Mar 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

M2-T5-UV(POSTHYPO)

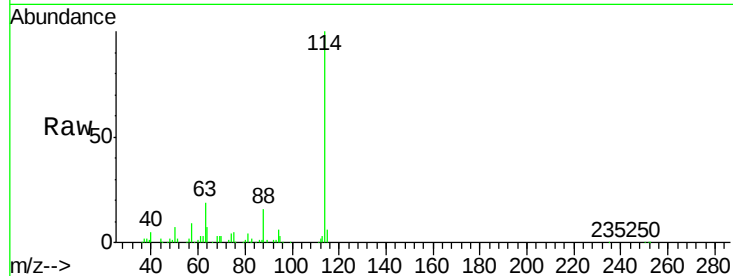
Tot Ion:114 Resp: 71842

Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.6

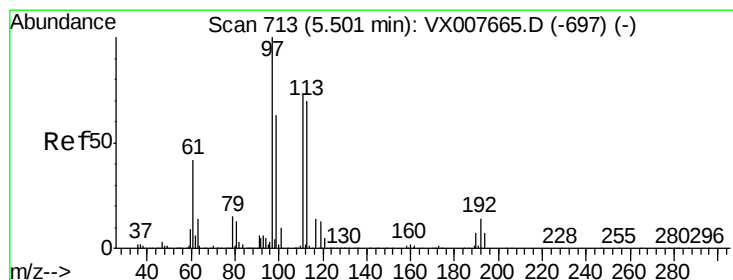
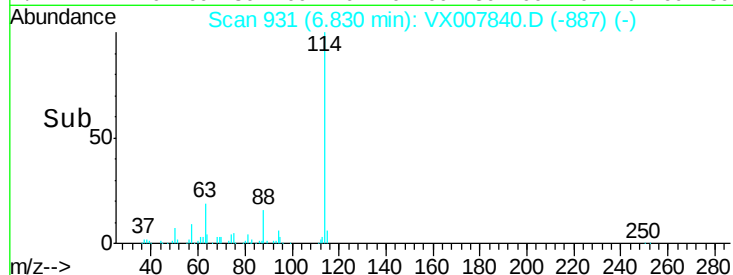
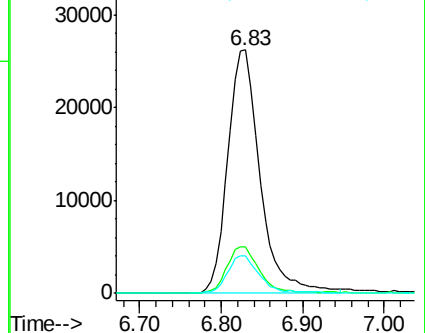
88 15.6 0.0 29.6



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: 7.981 ug/l

RT: 5.44 min Scan# 703

Delta R.T. -0.06 min

Lab File: VX007840.D

Acq: 05 Mar 2019 16:34

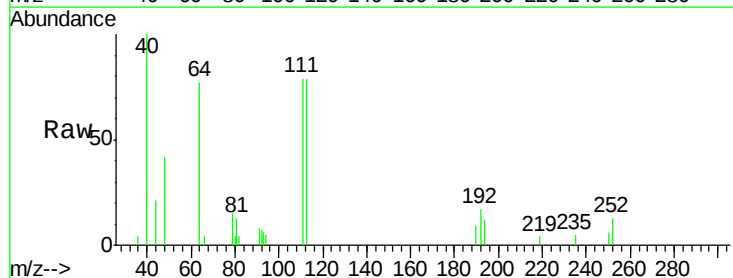
Tgt Ion:113 Resp: 3833

Ion Ratio Lower Upper

113 100

111 105.6 81.8 122.8

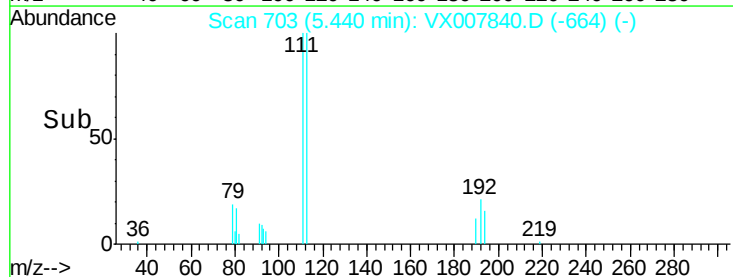
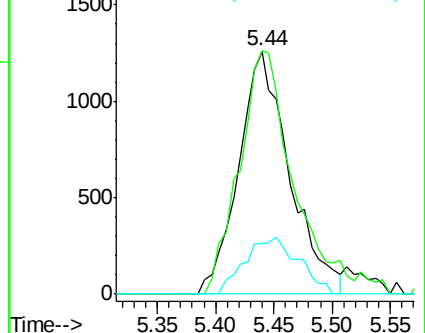
192 24.5 18.5 27.7



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: 105.438 ug/l

RT: 8.70 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VX007840.D

Acq: 05 Mar 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

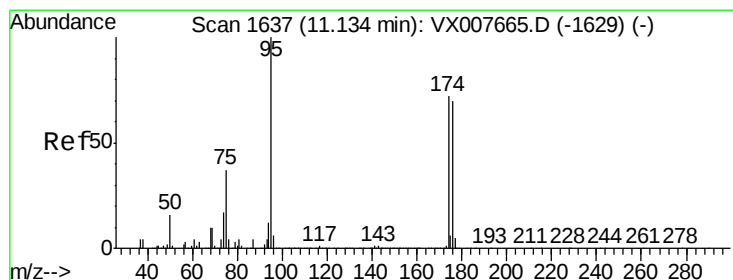
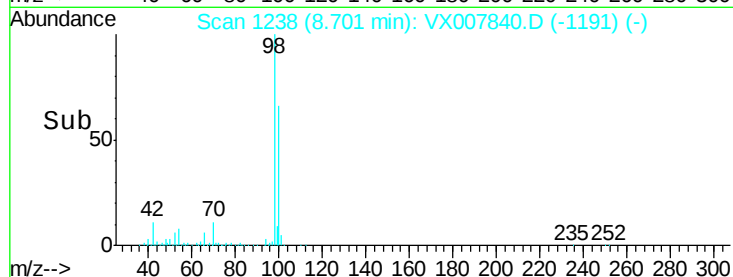
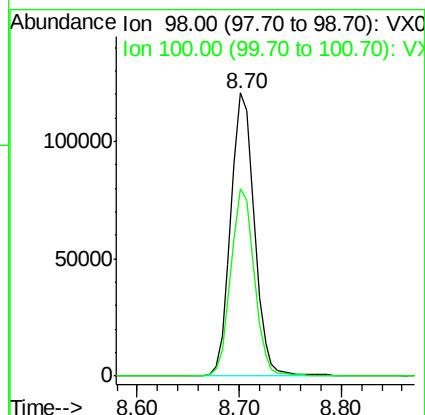
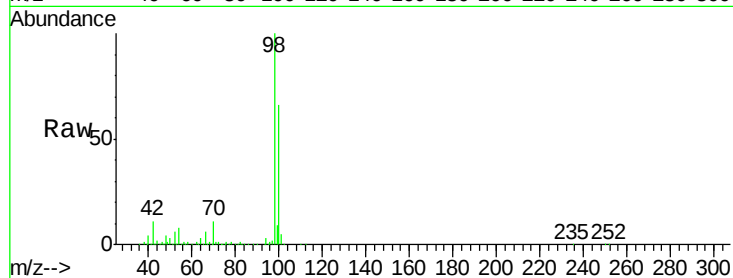
M2-T5-UV(POSTHYPO)

Tot Ion: 98 Resp: 193852

Ion Ratio Lower Upper

98 100

100 65.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 162.112 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007840.D

Acq: 05 Mar 2019 16:34

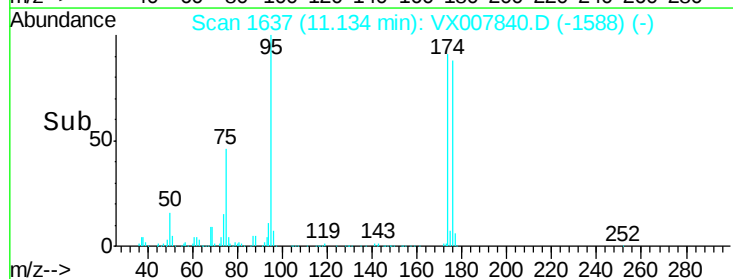
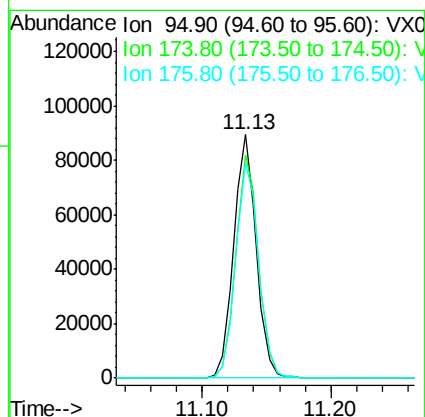
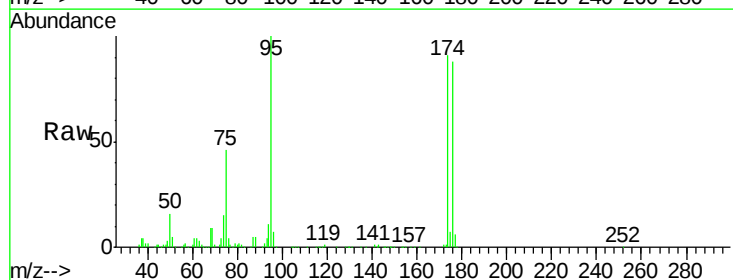
Tgt Ion: 95 Resp: 109395

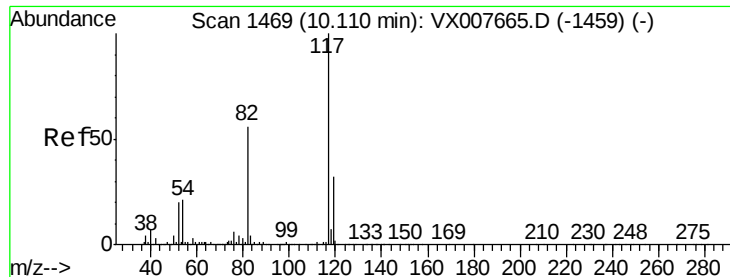
Ion Ratio Lower Upper

95 100

174 92.8 0.0 189.2

176 90.4 0.0 186.2

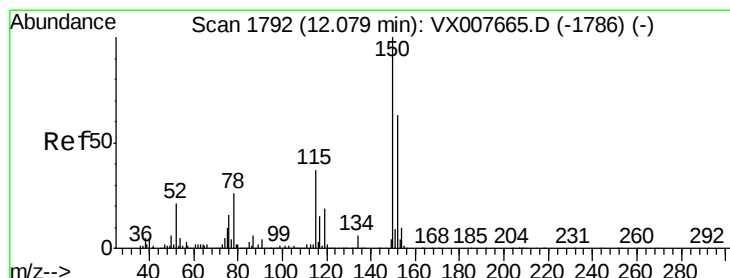
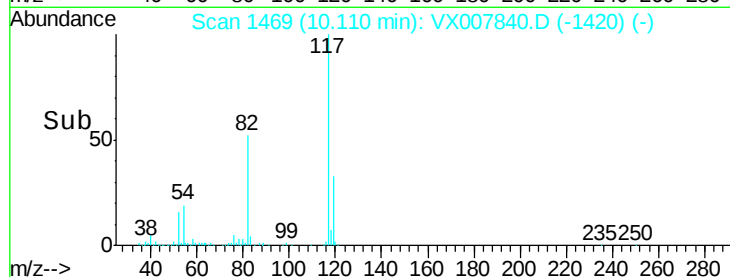
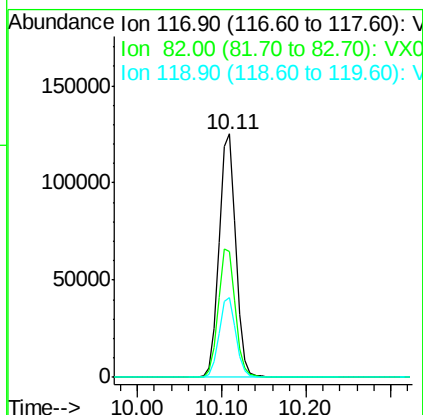
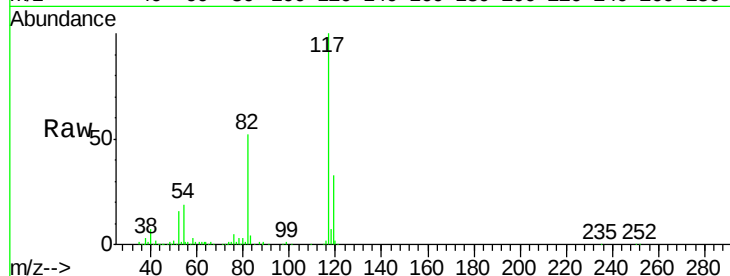




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007840.D
Acq: 05 Mar 2019 16:34

Instrument :
MSVOA_X
ClientSampleId :
M2-T5-UV(POSTHYPO)

Tot Ion:117 Resp: 173388
Ion Ratio Lower Upper
117 100
82 51.6 42.1 63.1
119 32.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007840.D
Acq: 05 Mar 2019 16:34

Tgt Ion:152 Resp: 132114
Ion Ratio Lower Upper
152 100
115 55.1 38.0 114.0
150 156.9 0.0 346.4

