

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030519\
 Data File : VX007842.D
 Acq On : 05 Mar 2019 17:28
 Operator : JC/SP
 Sample : K1659-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M1-T5-UV(POST-HYPO)

Quant Time: Mar 06 00:53:12 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	5.62	168	55543	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	6.84	114	26380	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.11	117	121594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	124724	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	2305	3.35	ug/l	-0.04
Spiked Amount			Recovery	=	6.70%	
35) Dibromofluoromethane	5.45	113	1496	8.48	ug/l	-0.05
Spiked Amount			Recovery	=	16.96%	
50) Toluene-d8	8.70	98	122973	182.15	ug/l	-0.01
Spiked Amount			Recovery	=	364.30%	
62) 4-Bromofluorobenzene	11.13	95	91022	367.34	ug/l	0.00
Spiked Amount			Recovery	=	734.68%	

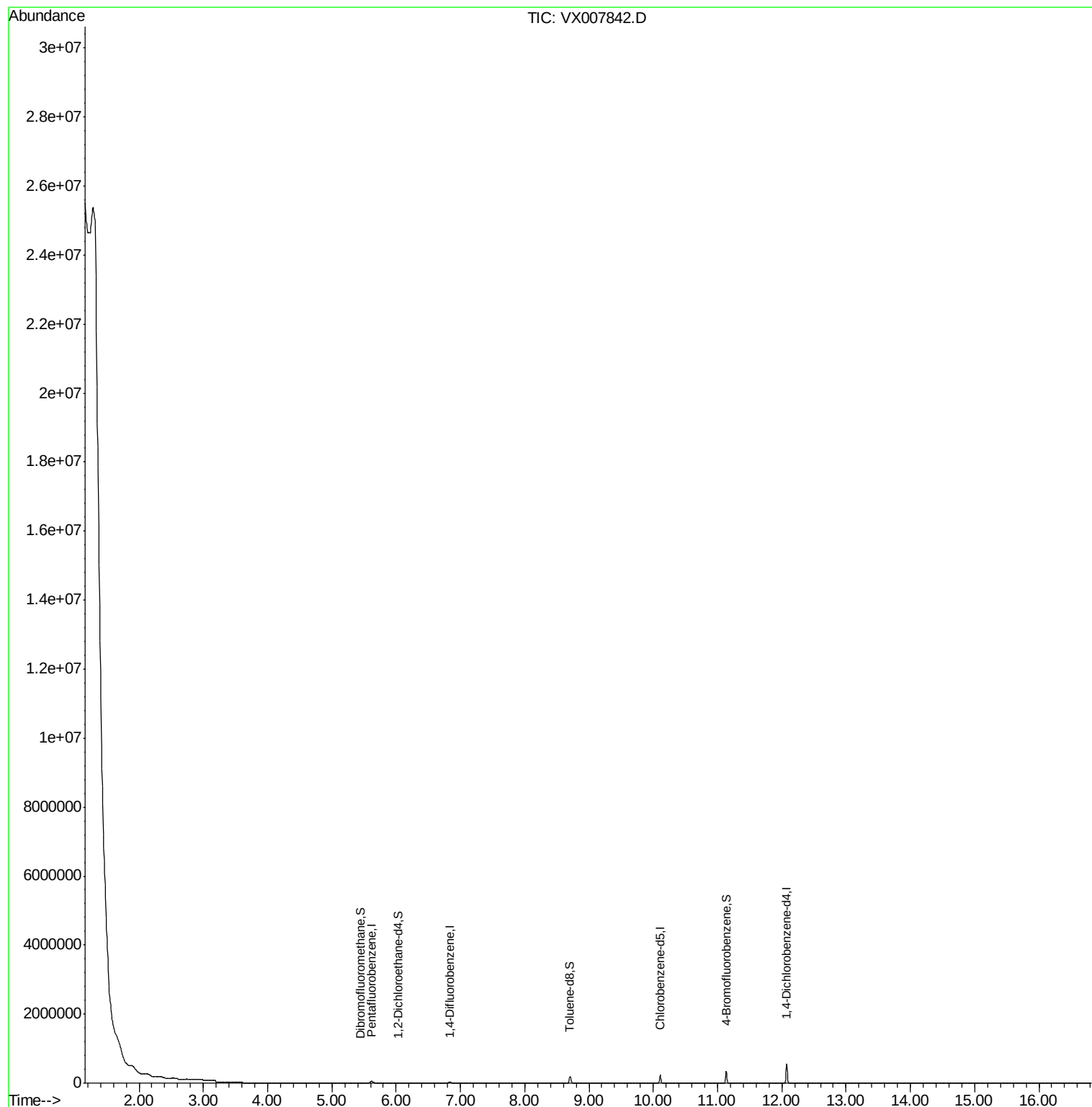
Target Compounds	Qvalue
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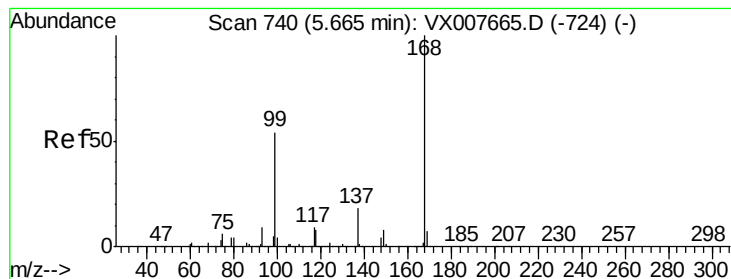
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 732

Delta R.T. -0.05 min

Lab File: VX007842.D

Acq: 05 Mar 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

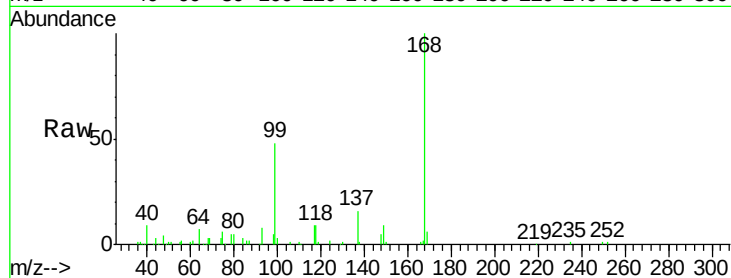
M1-T5-UV(POST-HYPO)

Tot Ion:168 Resp: 55543

Ion Ratio Lower Upper

168 100

99 47.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

15000

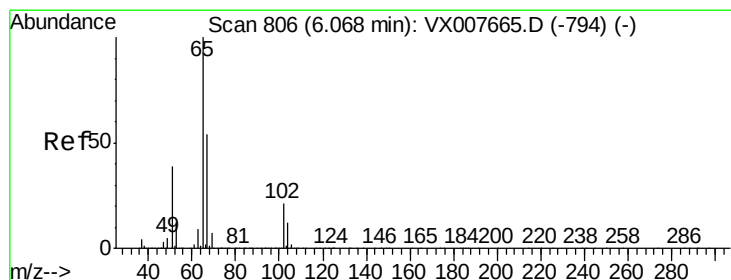
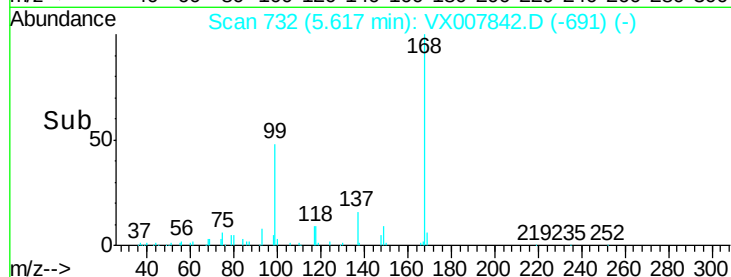
10000

5000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 3.350 ug/l

RT: 6.02 min Scan# 799

Delta R.T. -0.04 min

Lab File: VX007842.D

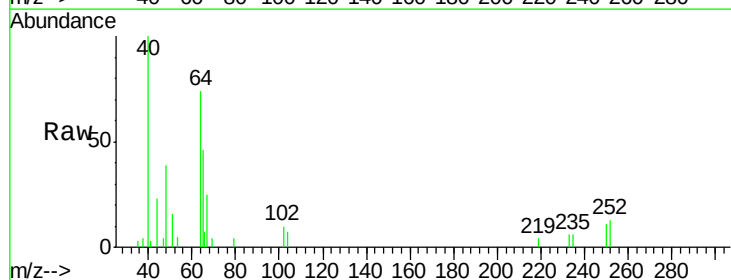
Acq: 05 Mar 2019 17:28

Tgt Ion: 65 Resp: 2305

Ion Ratio Lower Upper

65 100

67 55.7 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.02

800

600

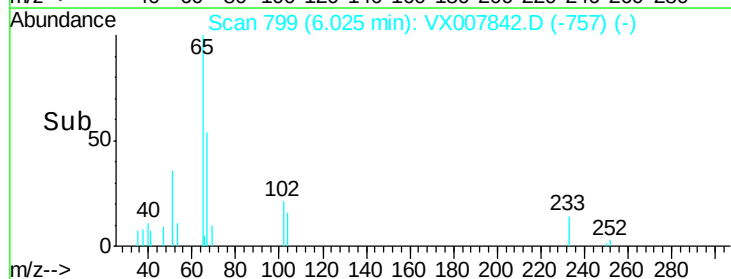
400

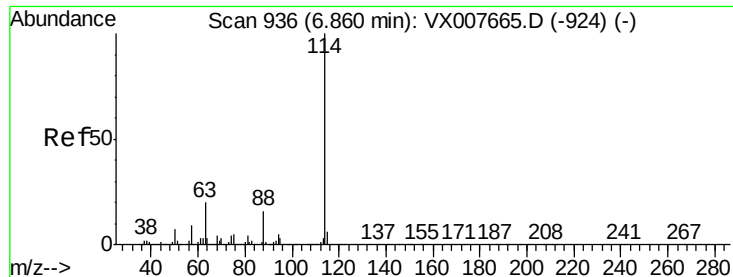
200

0

Time-->

5.90 6.00 6.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 932

Delta R.T. -0.02 min

Lab File: VX007842.D

Acq: 05 Mar 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

M1-T5-UV(POST-HYPO)

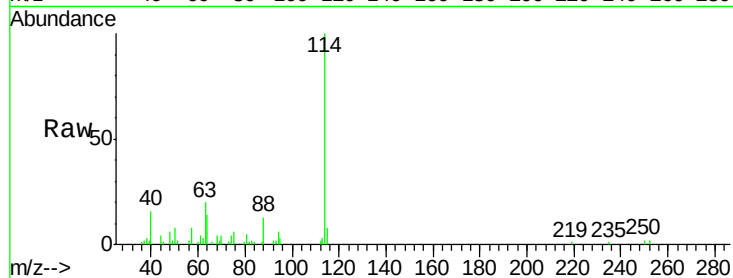
Tot Ion:114 Resp: 26380

Ion Ratio Lower Upper

114 100

63 20.2 0.0 35.6

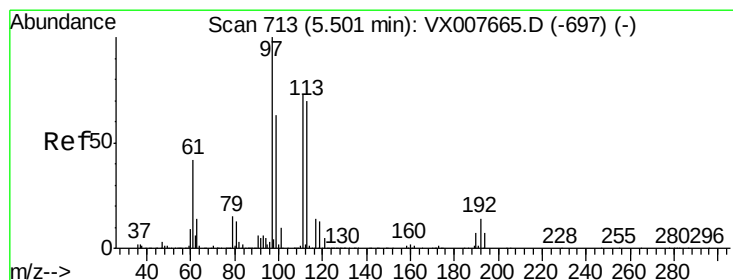
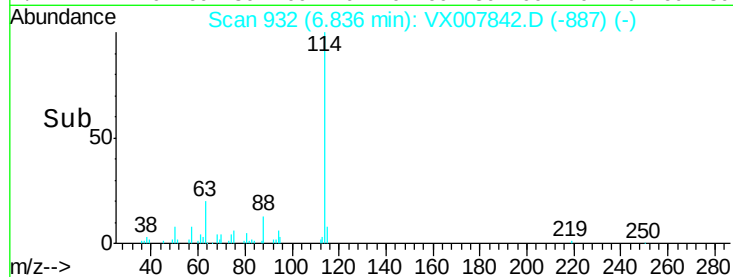
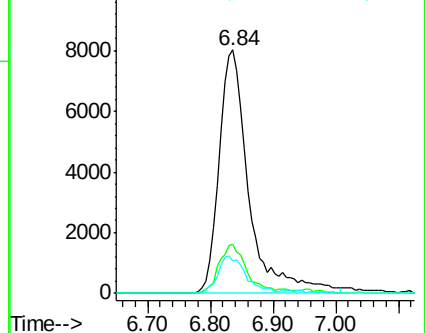
88 13.1 0.0 29.6



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: 8.484 ug/l

RT: 5.45 min Scan# 704

Delta R.T. -0.05 min

Lab File: VX007842.D

Acq: 05 Mar 2019 17:28

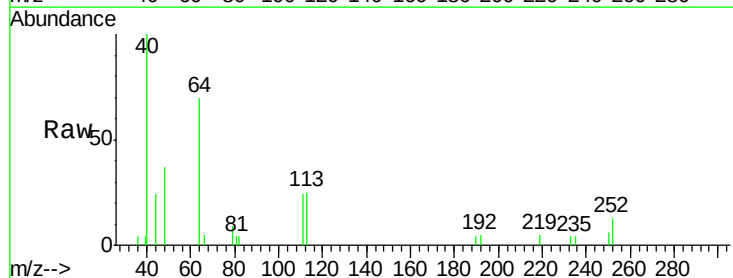
Tgt Ion:113 Resp: 1496

Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.8

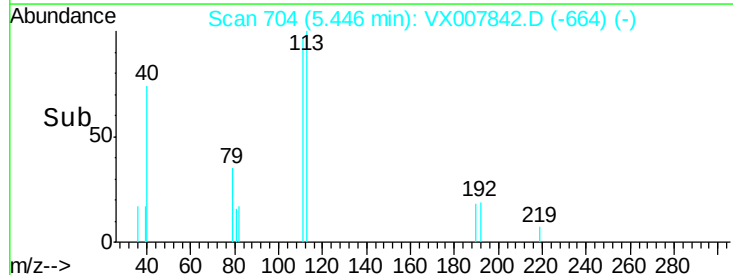
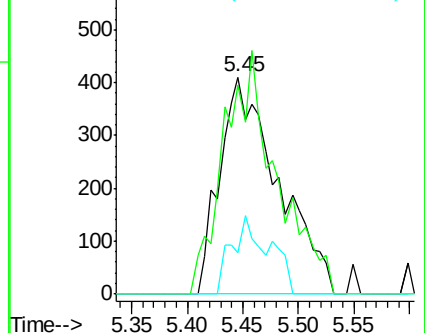
192 16.6 18.5 27.7#

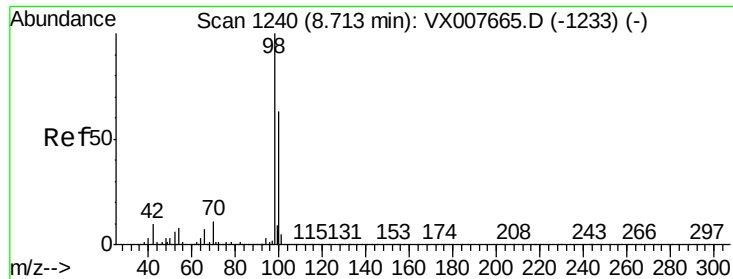


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 182.154 ug/l

RT: 8.70 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VX007842.D

Acq: 05 Mar 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

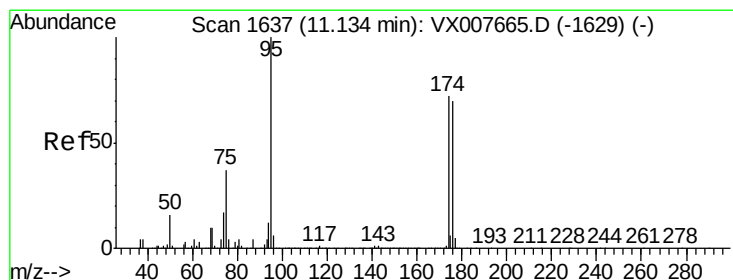
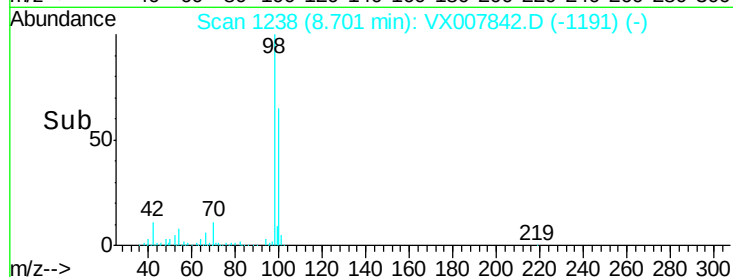
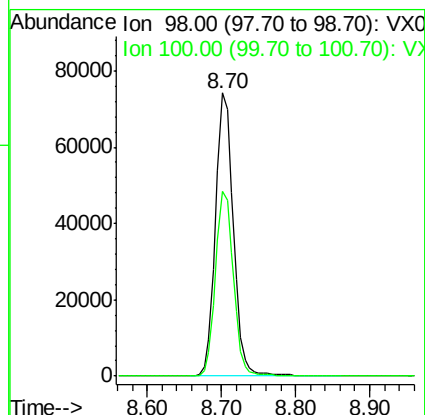
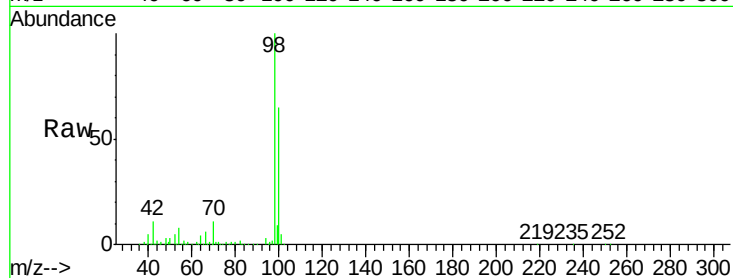
M1-T5-UV(POST-HYPO)

Tot Ion: 98 Resp: 122973

Ion Ratio Lower Upper

98 100

100 65.6 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 367.339 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007842.D

Acq: 05 Mar 2019 17:28

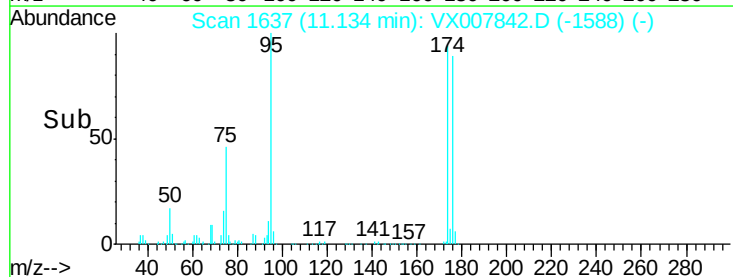
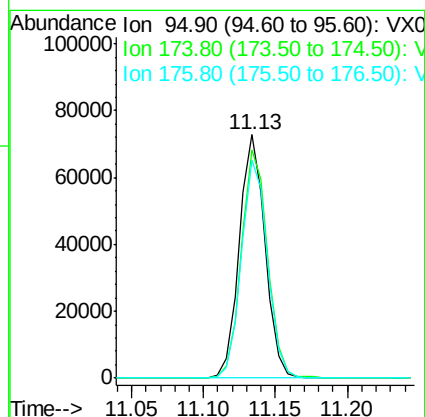
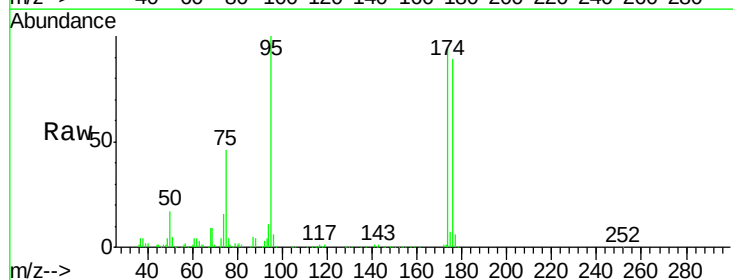
Tgt Ion: 95 Resp: 91022

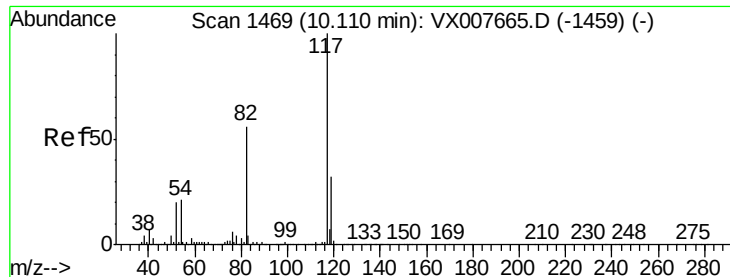
Ion Ratio Lower Upper

95 100

174 94.8 0.0 189.2

176 90.4 0.0 186.2

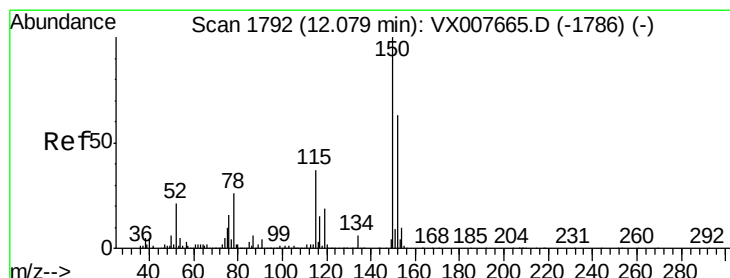
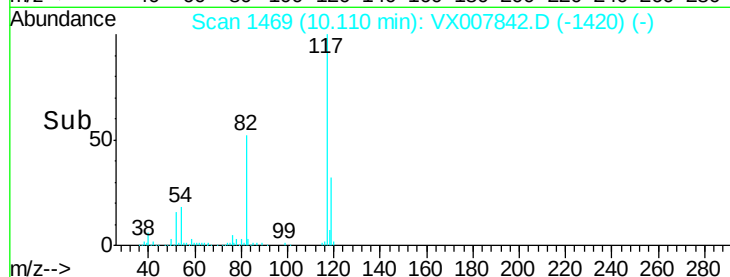
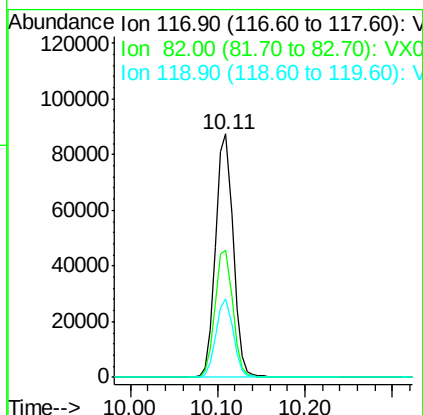
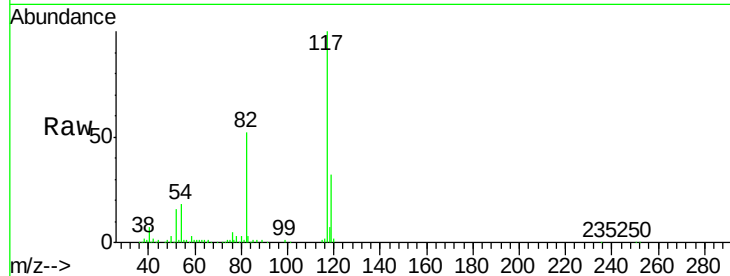




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007842.D
Acq: 05 Mar 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
M1-T5-UV(POST-HYPO)

Tot Ion:117 Resp: 121594
Ion Ratio Lower Upper
117 100
82 52.2 42.1 63.1
119 32.2 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX007842.D
Acq: 05 Mar 2019 17:28

Tgt Ion:152 Resp: 124724
Ion Ratio Lower Upper
152 100
115 54.1 38.0 114.0
150 155.2 0.0 346.4

