

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008270.D
 Acq On : 21 Mar 2019 03:41
 Operator : JC/SP
 Sample : K1912-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

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

Quant Time: Mar 22 08:04:18 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	61079	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	6.84	114	29062	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.11	117	116143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	92928	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	2170	2.36	ug/l	-0.04
Spiked Amount			Recovery	=	4.72%	
35) Dibromofluoromethane	5.46	113	1000	5.14	ug/l	-0.04
Spiked Amount			Recovery	=	10.28%	
50) Toluene-d8	8.71	98	136961	185.68	ug/l	0.00
Spiked Amount			Recovery	=	371.36%	
62) 4-Bromofluorobenzene	11.13	95	85425	336.35	ug/l	0.00
Spiked Amount			Recovery	=	672.70%	

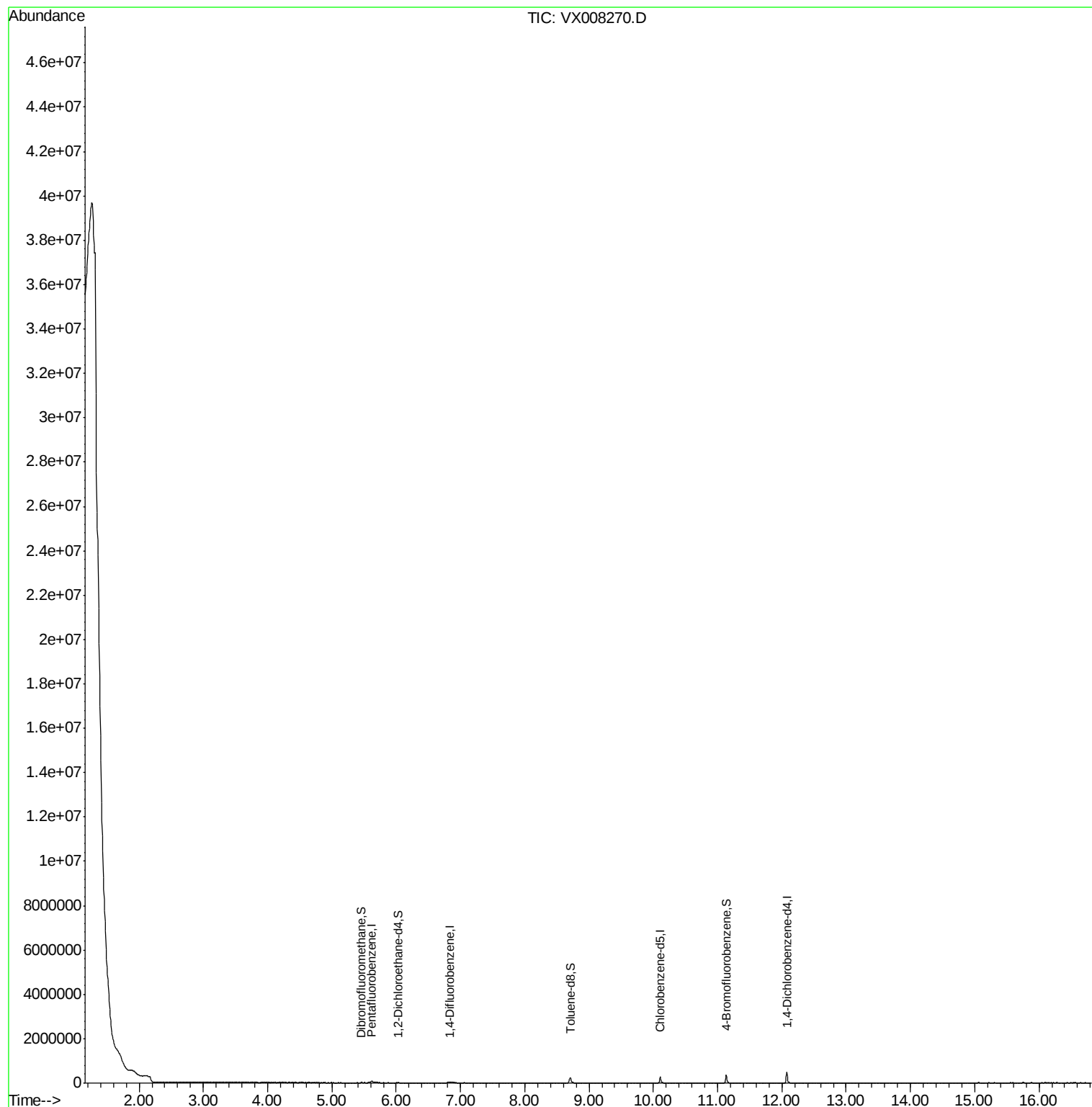
Target Compounds	Qvalue
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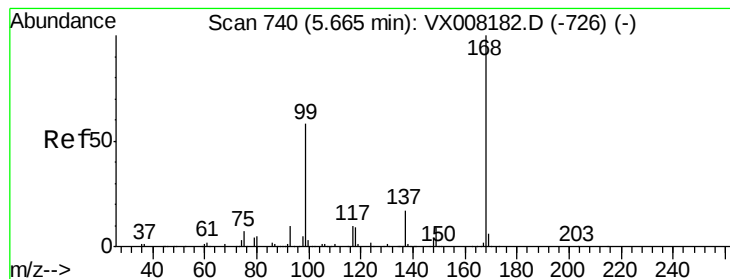
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 733

Delta R.T. -0.04 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

Instrument :

MSVOA_X

ClientSampleId :

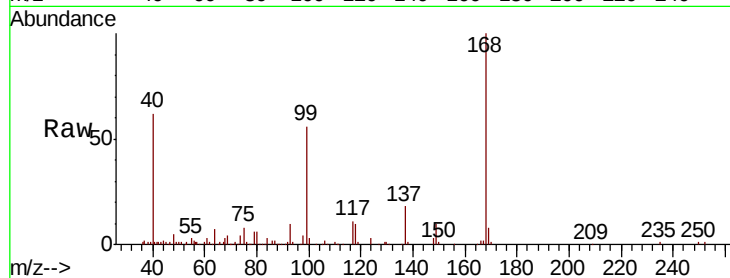
M3-T4-OZ(POST-HYPO)

Tot Ion:168 Resp: 61079

Ion Ratio Lower Upper

168 100

99 56.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

20000

15000

10000

5000

0

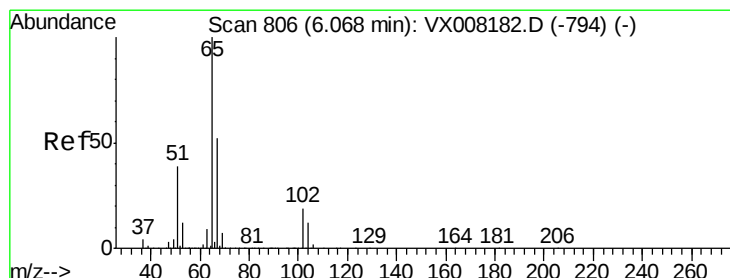
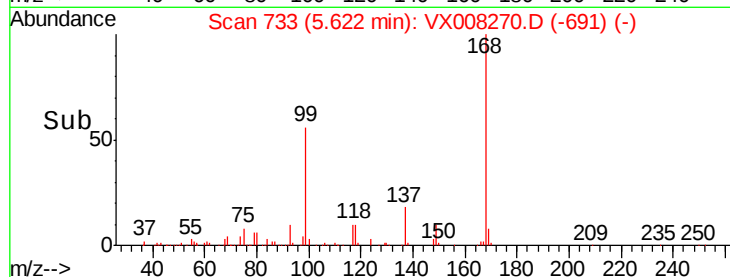
Time-->

5.50

5.60

5.70

5.80



#33

1,2-Dichloroethane-d4

Concen: 2.359 ug/l

RT: 6.02 min Scan# 799

Delta R.T. -0.04 min

Lab File: VX008270.D

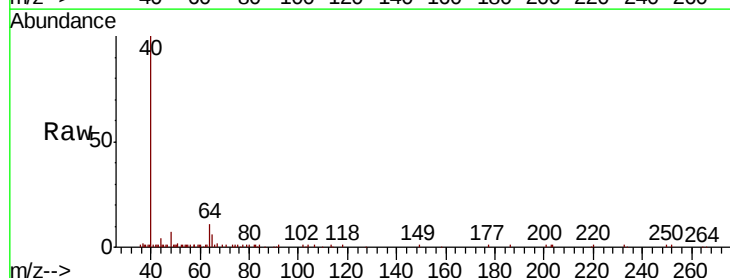
Acq: 21 Mar 2019 03:41

Tgt Ion: 65 Resp: 2170

Ion Ratio Lower Upper

65 100

67 59.4 0.0 110.0



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

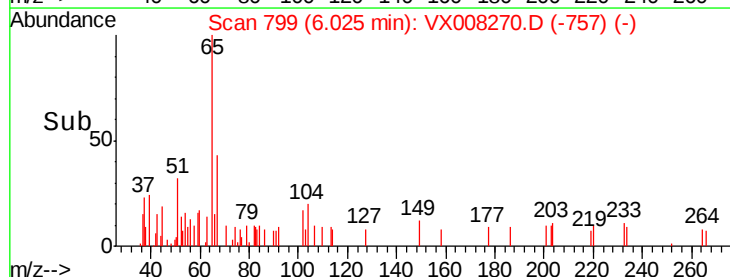
Time-->

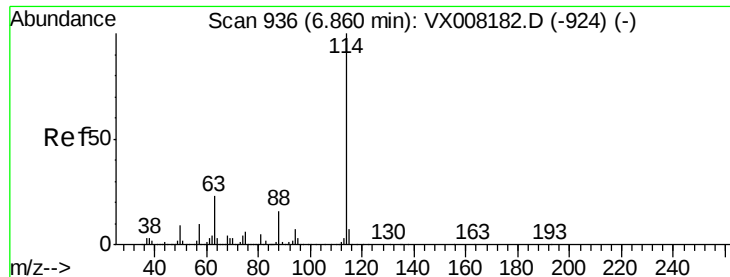
5.95

6.00

6.05

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: VX008270.D

Acq: 21 Mar 2019 03:41

Instrument :

MSVOA_X

ClientSampleId :

M3-T4-OZ(POST-HYPO)

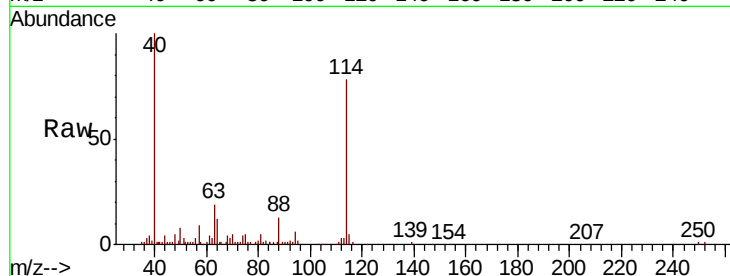
Tot Ion:114 Resp: 29062

Ion Ratio Lower Upper

114 100

63 24.0 0.0 39.8

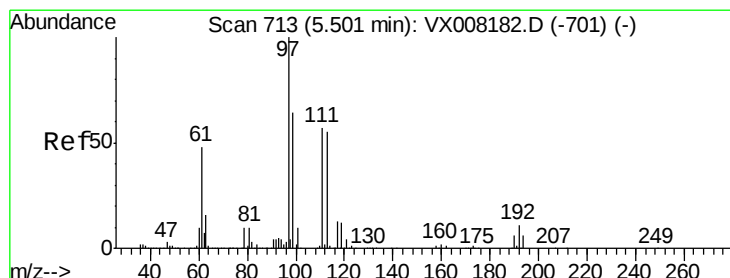
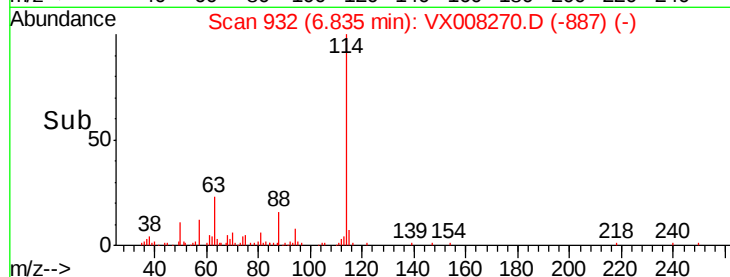
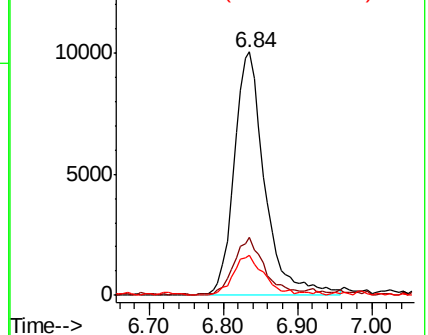
88 16.2 0.0 31.4



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: 5.140 ug/l

RT: 5.46 min Scan# 706

Delta R.T. -0.04 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

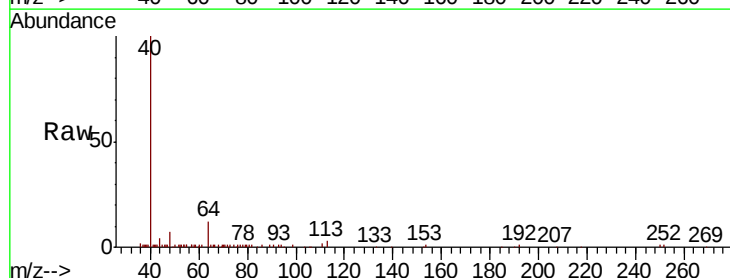
Tgt Ion:113 Resp: 1000

Ion Ratio Lower Upper

113 100

111 0.0 81.4 122.0#

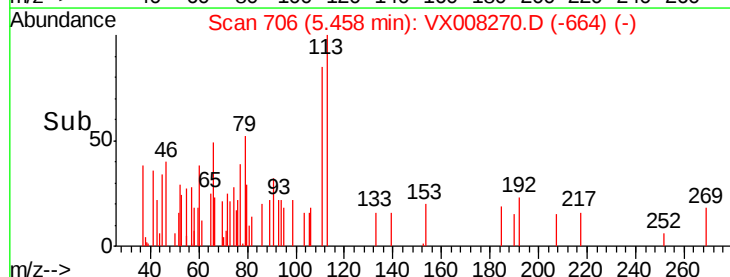
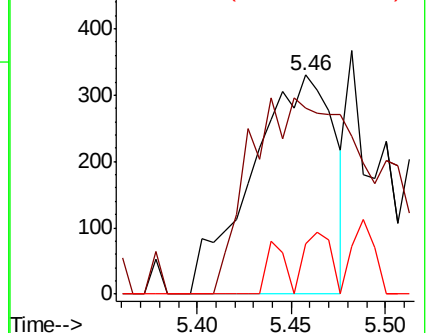
192 9.2 19.4 29.0#

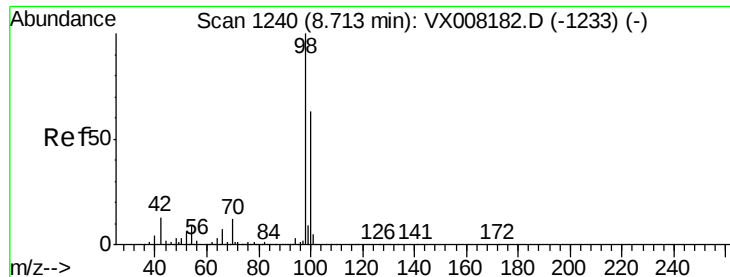


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 185.682 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

Instrument :

MSVOA_X

ClientSampleId :

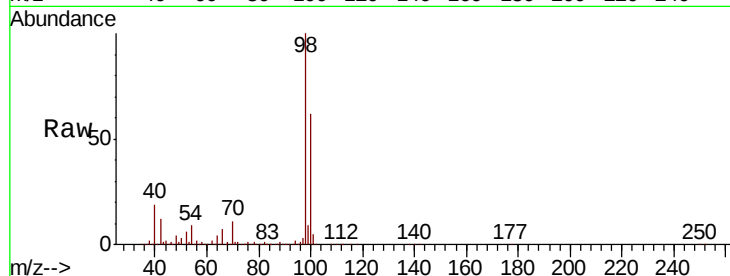
M3-T4-OZ(POST-HYPO)

Tot Ion: 98 Resp: 136961

Ion Ratio Lower Upper

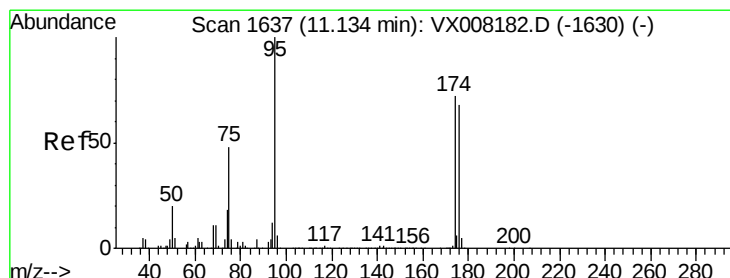
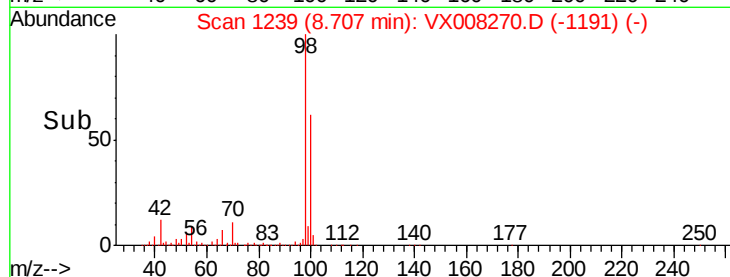
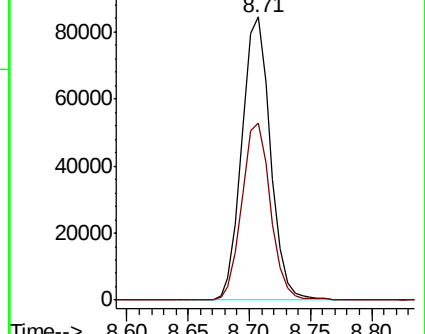
98 100

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: 336.353 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

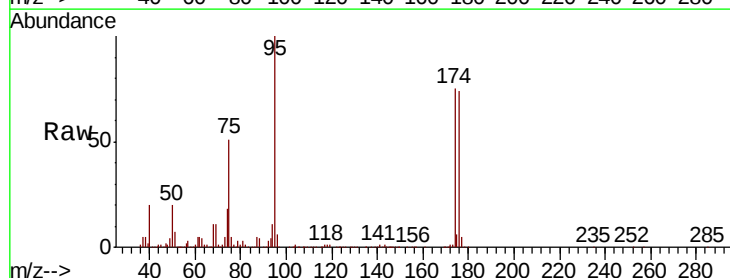
Tgt Ion: 95 Resp: 85425

Ion Ratio Lower Upper

95 100

174 79.5 0.0 182.8

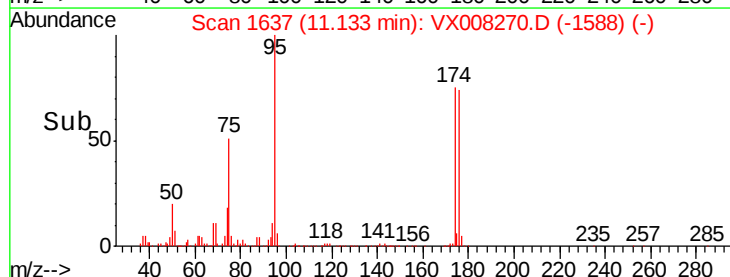
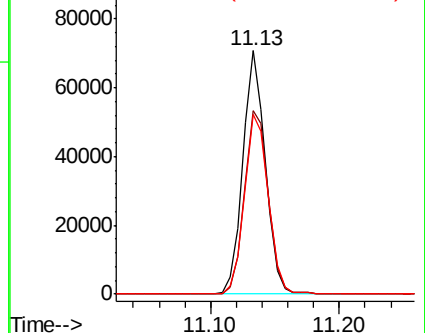
176 77.7 0.0 178.0

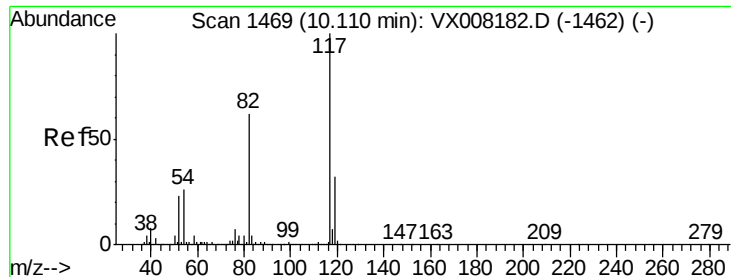


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

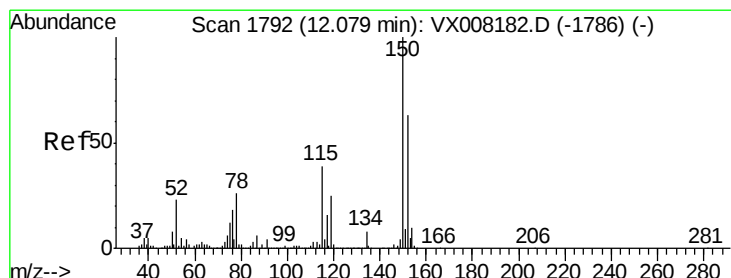
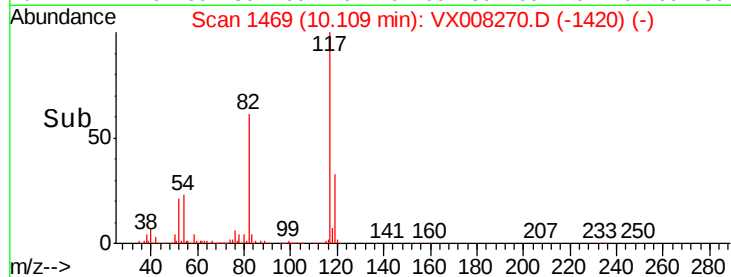
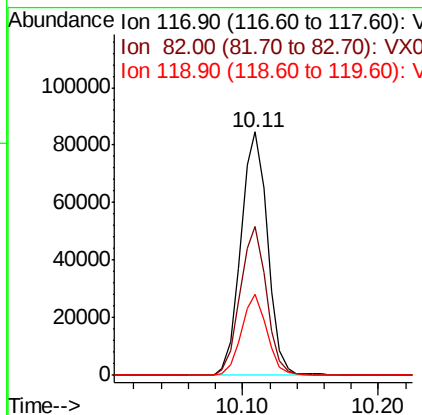
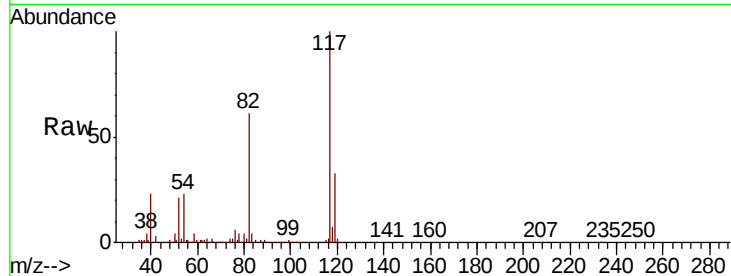




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008270.D
Acq: 21 Mar 2019 03:41

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

Tot Ion:117 Resp: 116143
Ion Ratio Lower Upper
117 100
82 61.2 44.3 66.5
119 33.2 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: VX008270.D
Acq: 21 Mar 2019 03:41

Tgt Ion:152 Resp: 92928
Ion Ratio Lower Upper
152 100
115 60.0 38.6 115.7
150 157.4 0.0 348.4

