

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012207.D
 Acq On : 08 Sep 2019 07:39
 Operator : SY/SP
 Sample : K4650-13
 Misc : 5.92g/5.0mL/MSVOA X/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-7

Quant Time: Sep 09 01:23:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

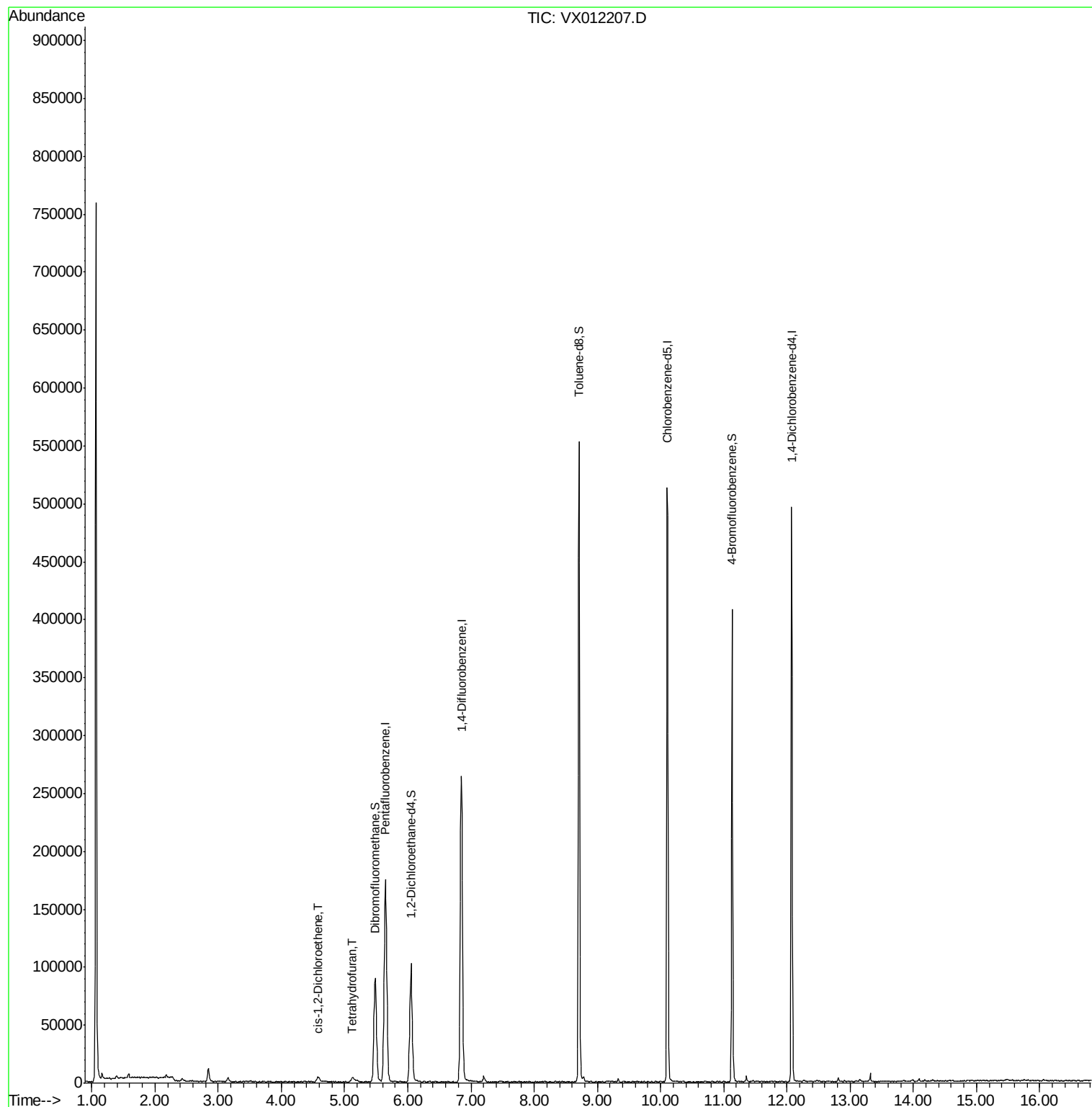
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	147437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	253234	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	218107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	92377	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	101535	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
35) Dibromofluoromethane	5.48	113	75500	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
50) Toluene-d8	8.71	98	301365	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
62) 4-Bromofluorobenzene	11.14	95	116170	43.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.42%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	2432	1.218	ug/l	91
29) Tetrahydrofuran	5.12	42	3903	10.466	ug/l	96

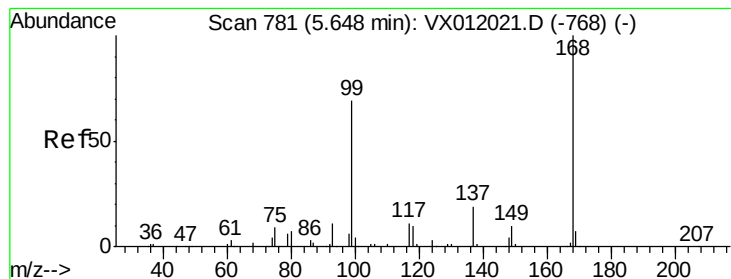
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012207.D

Acq: 08 Sep 2019 07:39

Instrument :

MSVOA_X

ClientSampleId :

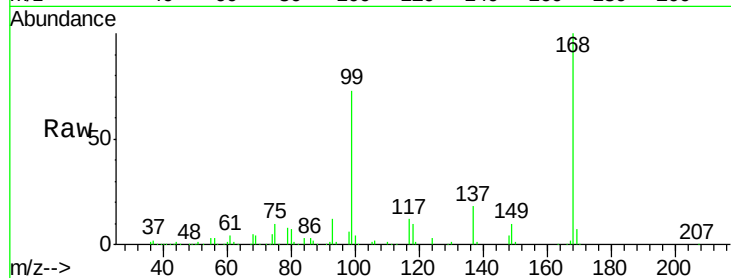
TP-7

Tot Ion:168 Resp: 147437

Ion Ratio Lower Upper

168 100

99 72.8 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

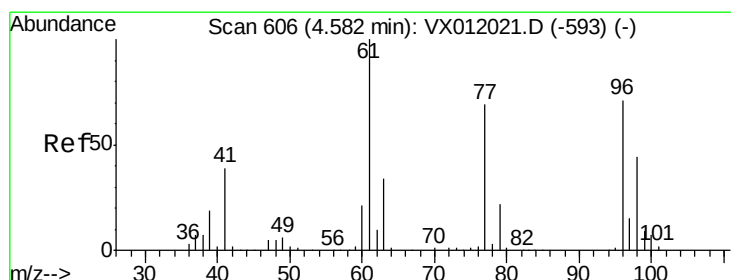
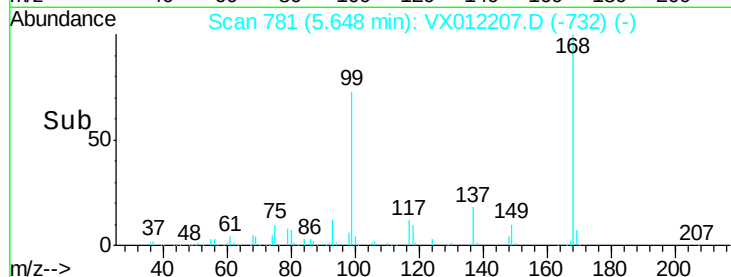
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 1.218 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX012207.D

Acq: 08 Sep 2019 07:39

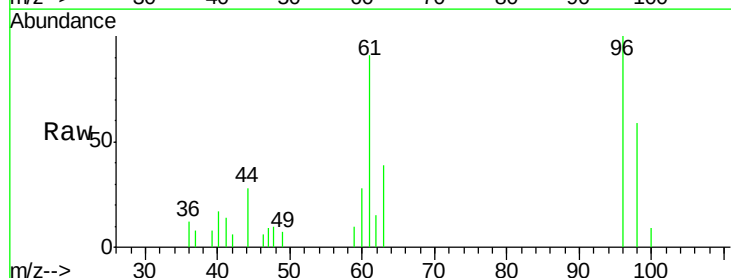
Tgt Ion: 96 Resp: 2432

Ion Ratio Lower Upper

96 100

61 123.4 0.0 277.0

98 63.8 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

4.59

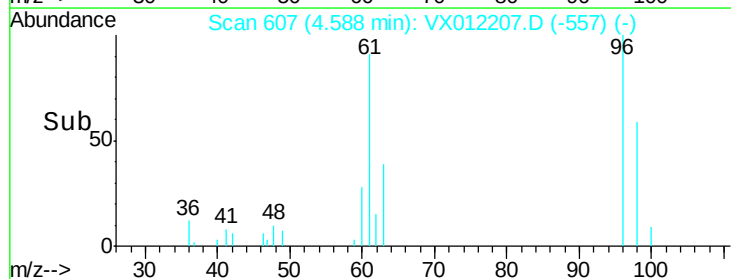
1000

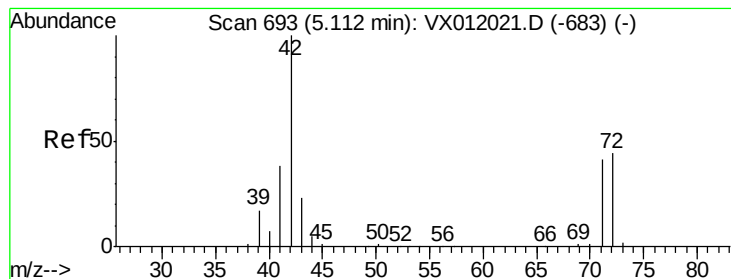
500

0

Time-->

4.50 4.55 4.60 4.65





#29

Tetrahydrofuran

Concen: 10.466 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012207.D

Acq: 08 Sep 2019 07:39

Instrument :

MSVOA_X

ClientSampleId :

TP-7

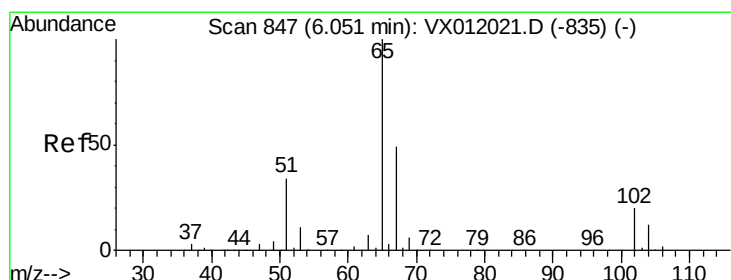
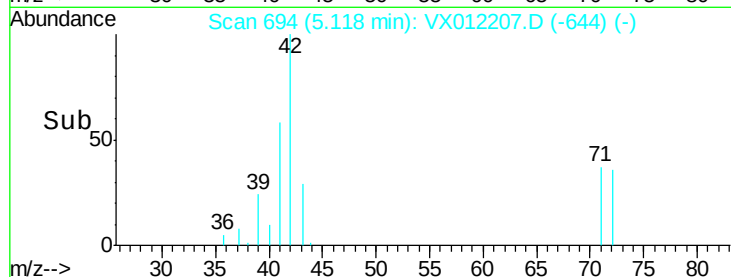
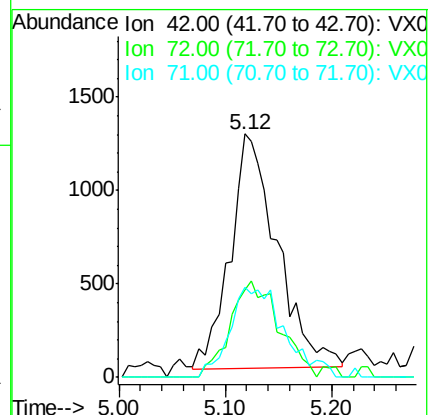
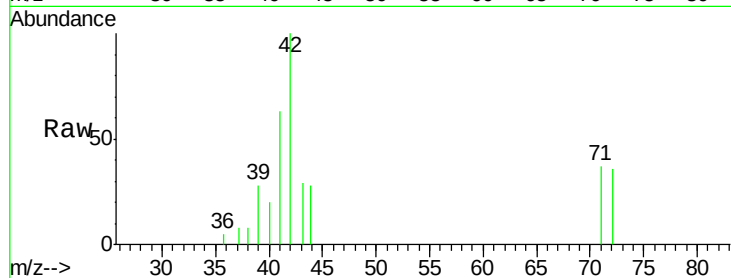
Tot Ion: 42 Resp: 3903

Ion Ratio Lower Upper

42 100

72 42.4 37.0 55.4

71 44.1 33.8 50.8



#33

1,2-Dichloroethane-d4

Concen: 49.911 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012207.D

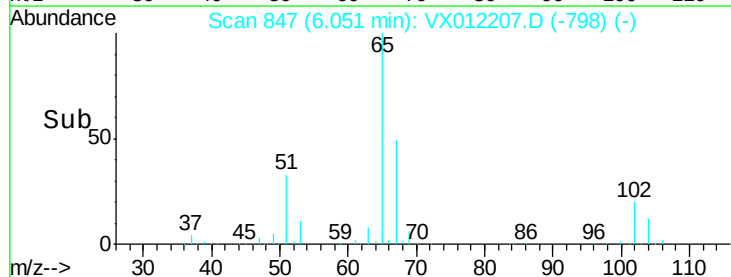
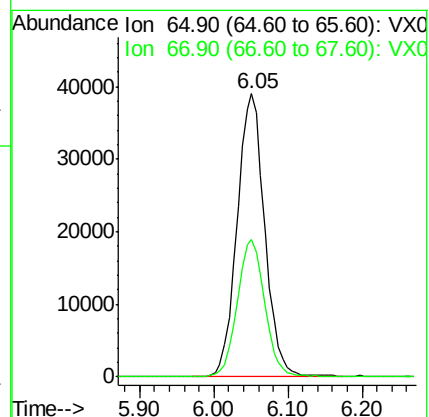
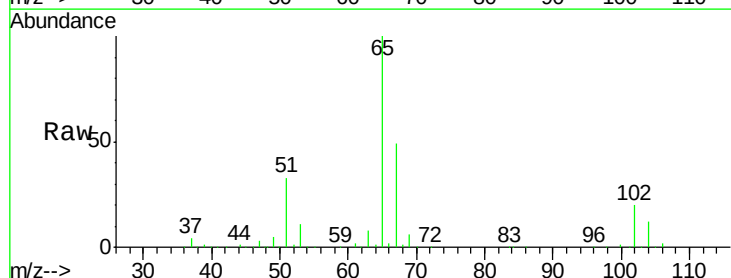
Acq: 08 Sep 2019 07:39

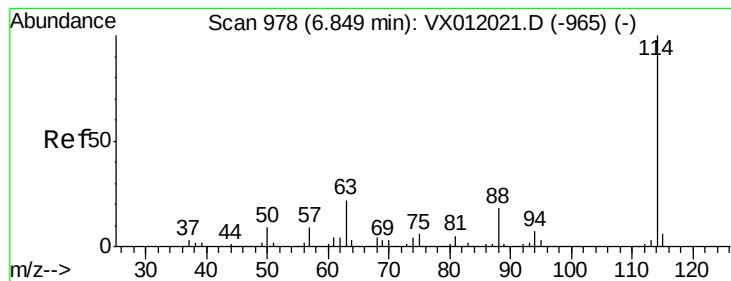
Tgt Ion: 65 Resp: 101535

Ion Ratio Lower Upper

65 100

67 48.4 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012207.D

Acq: 08 Sep 2019 07:39

Instrument :

MSVOA_X

ClientSampled :

TP-7

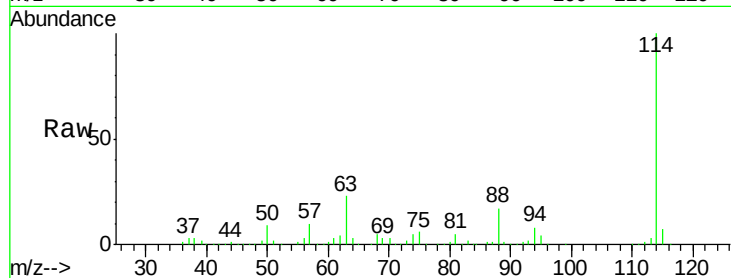
Tot Ion:114 Resp: 253234

Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.4

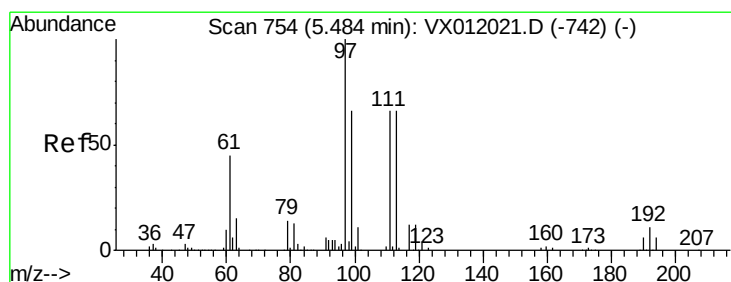
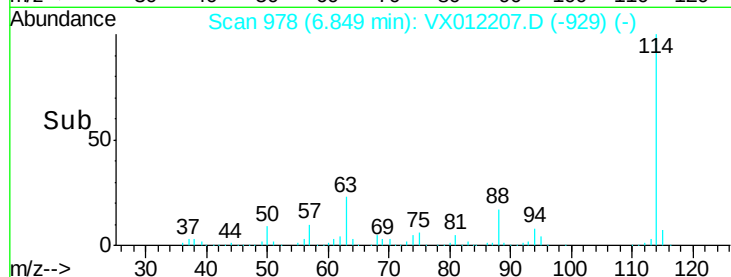
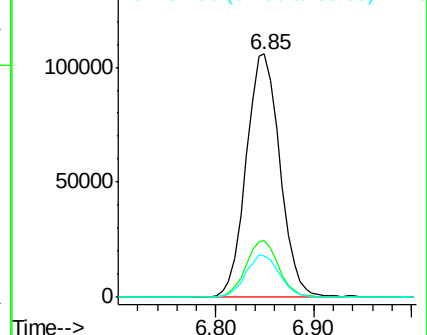
88 17.2 0.0 29.6



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: 48.481 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012207.D

Acq: 08 Sep 2019 07:39

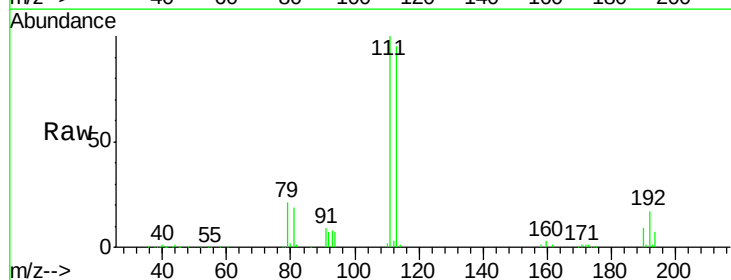
Tgt Ion:113 Resp: 75500

Ion Ratio Lower Upper

113 100

111 103.6 81.7 122.5

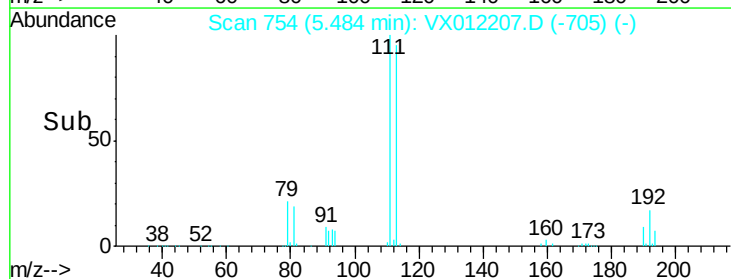
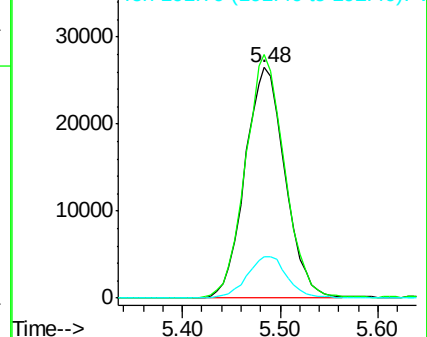
192 18.0 22.5 33.7#

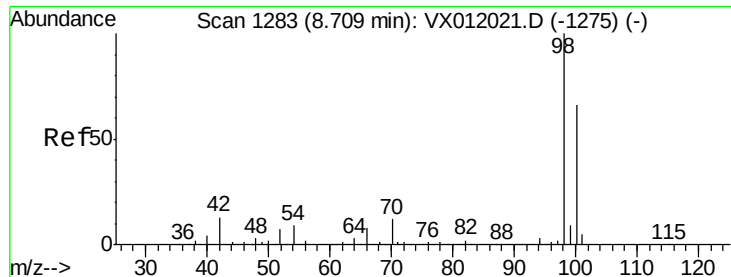


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.736 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012207.D

Acq: 08 Sep 2019 07:39

Instrument :

MSVOA_X

ClientSampled :

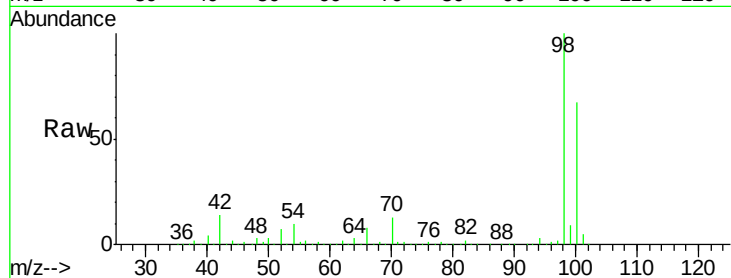
TP-7

Tot Ion: 98 Resp: 301365

Ion Ratio Lower Upper

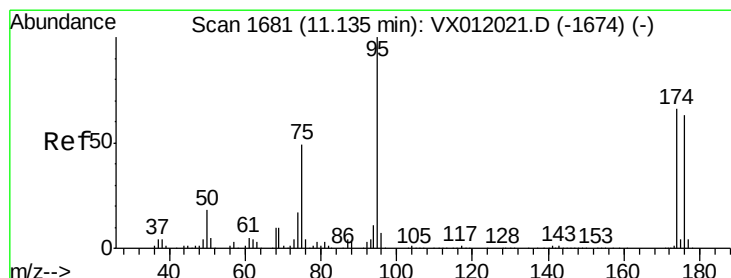
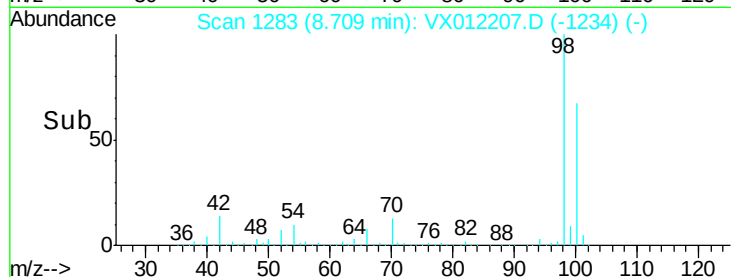
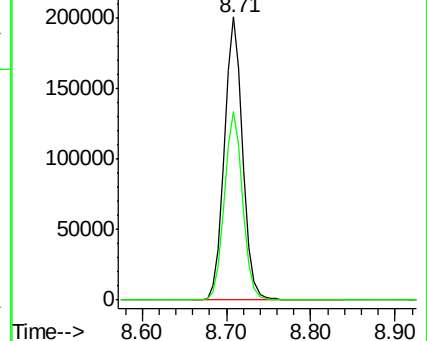
98 100

100 66.6 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.712 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012207.D

Acq: 08 Sep 2019 07:39

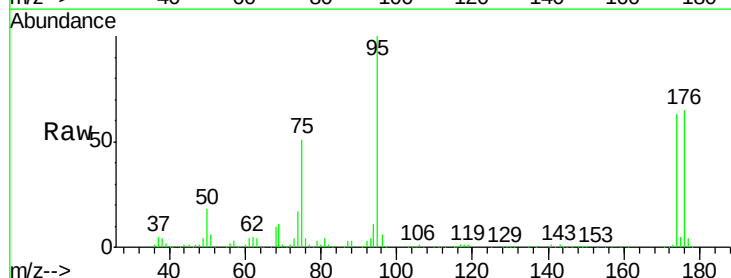
Tgt Ion: 95 Resp: 116170

Ion Ratio Lower Upper

95 100

174 63.5 0.0 205.4

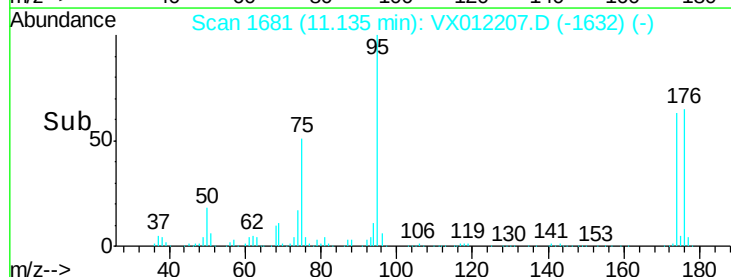
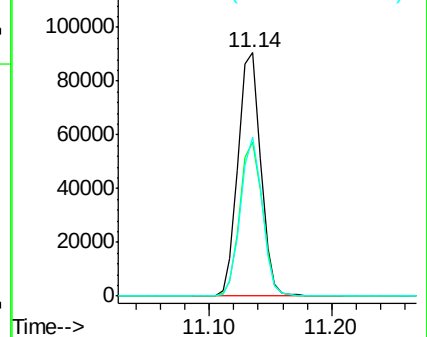
176 62.4 0.0 201.8

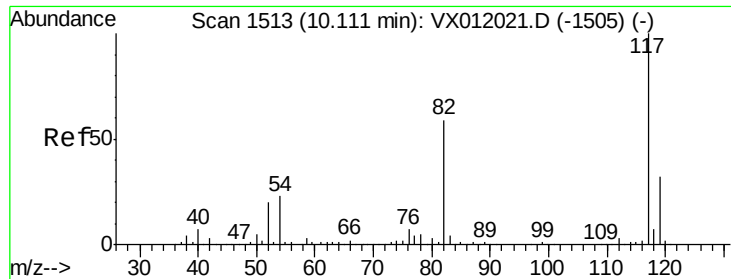


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

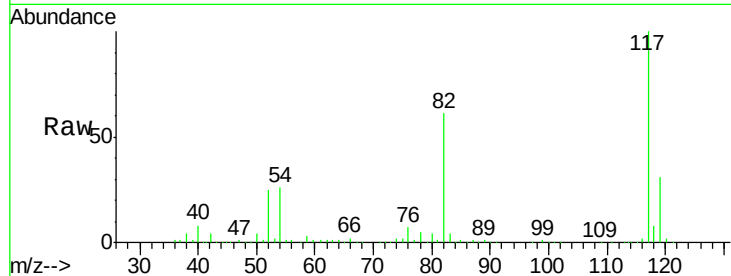




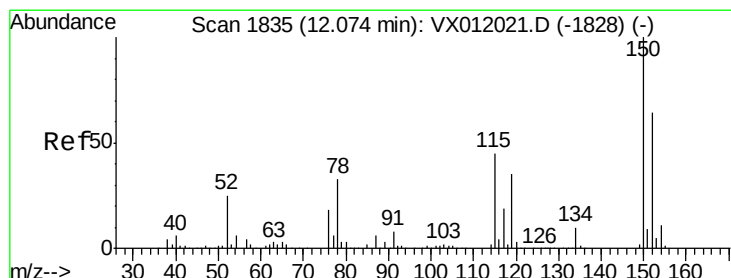
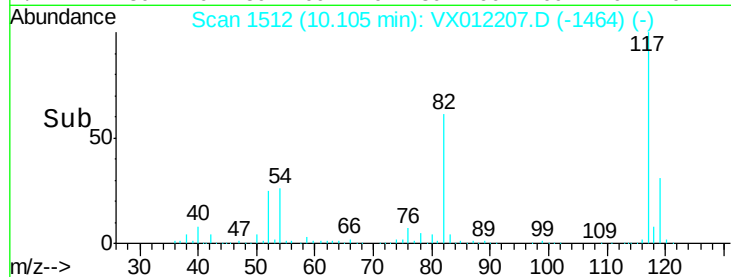
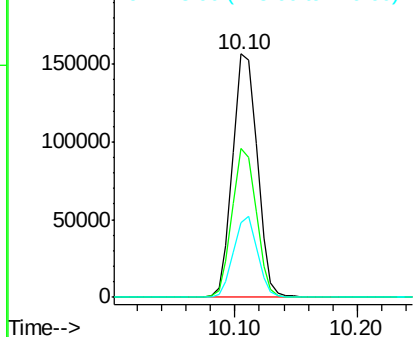
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012207.D
Acq: 08 Sep 2019 07:39

Instrument :
MSVOA_X
ClientSampled :
TP-7

Tot Ion:117 Resp: 218107
Ion Ratio Lower Upper
117 100
82 61.4 39.4 59.0#
119 30.9 26.1 39.1

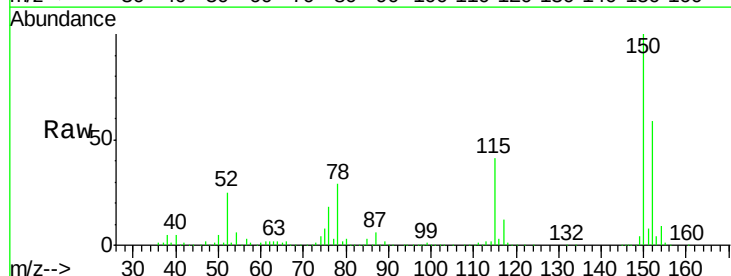


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012207.D
Acq: 08 Sep 2019 07:39

Tgt Ion:152 Resp: 92377
Ion Ratio Lower Upper
152 100
115 66.4 36.4 109.3
150 158.6 0.0 341.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

