

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012113.D
 Acq On : 05 Sep 2019 20:54
 Operator : SY/SP
 Sample : K4548-08
 Misc : 6.39g/5.0mL/MSVOA X/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T8-S-G3-(2.5)

Quant Time: Sep 06 06:59:51 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

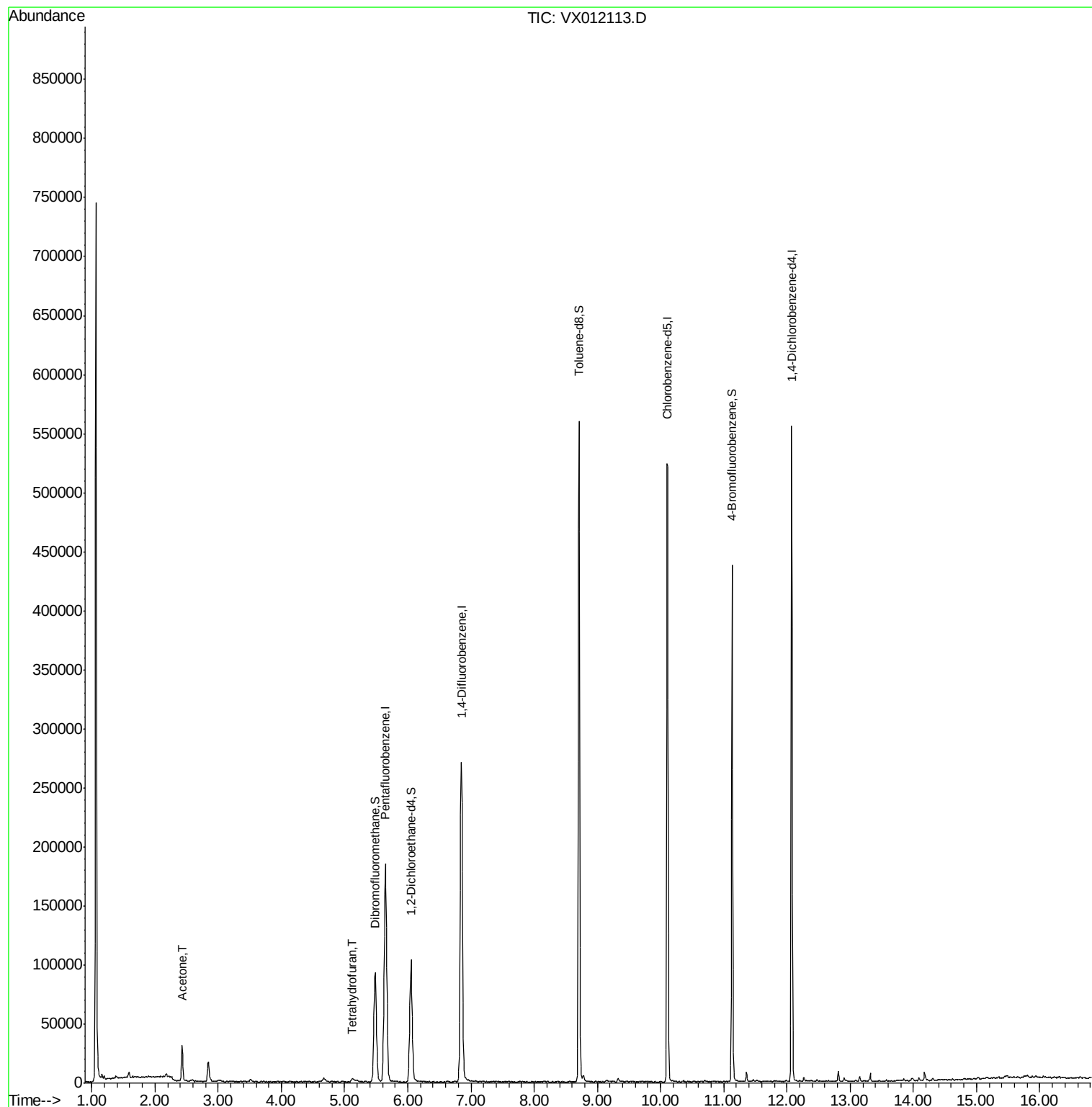
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	150020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	263654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	228482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	99843	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	104168	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
35) Dibromofluoromethane	5.48	113	78509	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
50) Toluene-d8	8.71	98	309892	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
62) 4-Bromofluorobenzene	11.14	95	124060	44.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.68%	
Target Compounds						
16) Acetone	2.43	43	31931	64.537	ug/l	97
29) Tetrahydrofuran	5.12	42	3062	8.069	ug/l	96

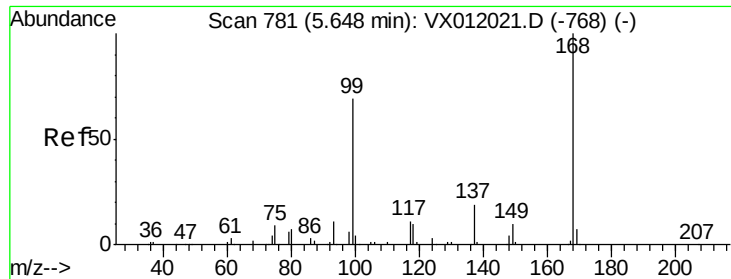
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 03 15:26:48 2019
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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: VX012113.D

Acq: 05 Sep 2019 20:54

Instrument :

MSVOA_X

ClientSampleId :

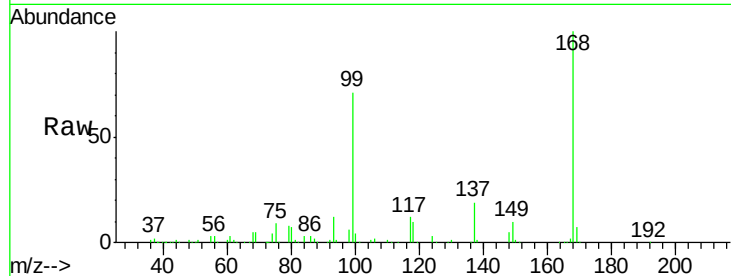
T8-S-G3-(2.5)

Tot Ion:168 Resp: 150020

Ion Ratio Lower Upper

168 100

99 71.4 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

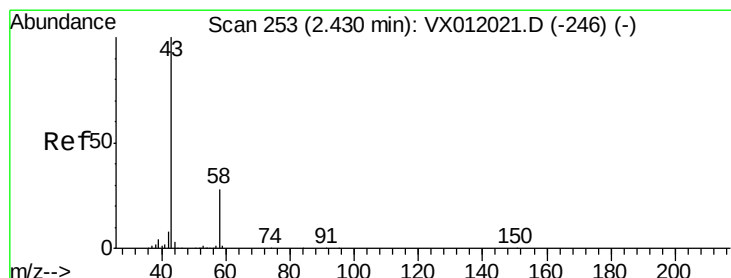
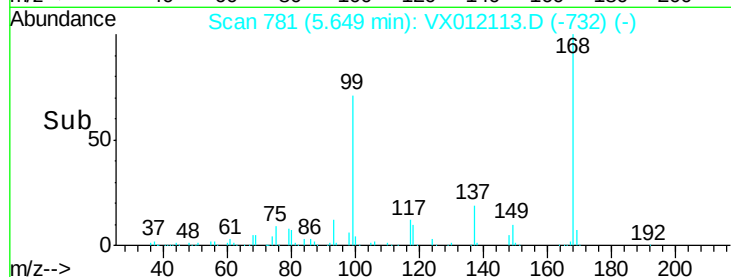
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 64.537 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012113.D

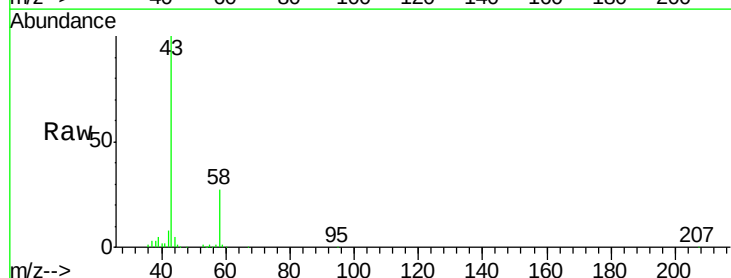
Acq: 05 Sep 2019 20:54

Tgt Ion: 43 Resp: 31931

Ion Ratio Lower Upper

43 100

58 27.1 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

20000

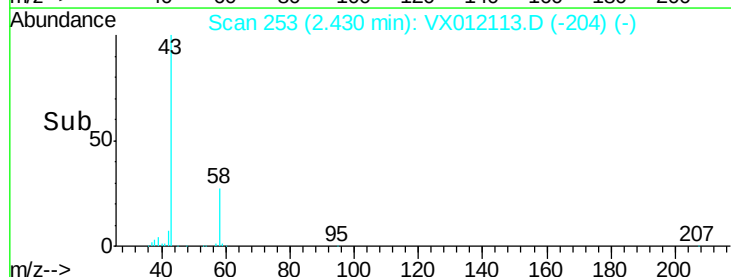
15000

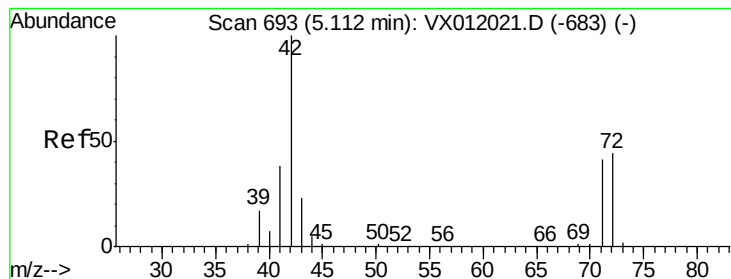
10000

5000

0

Time--> 2.35 2.40 2.45 2.50





#29

Tetrahydrofuran

Concen: 8.069 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012113.D

Acq: 05 Sep 2019 20:54

Instrument :

MSVOA_X

ClientSampleId :

T8-S-G3-(2.5)

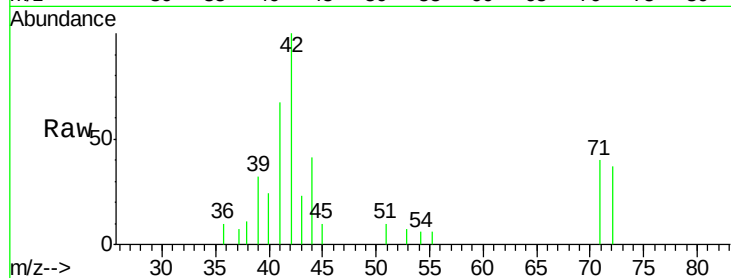
Tot Ion: 42 Resp: 3062

Ion Ratio Lower Upper

42 100

72 41.2 37.0 55.4

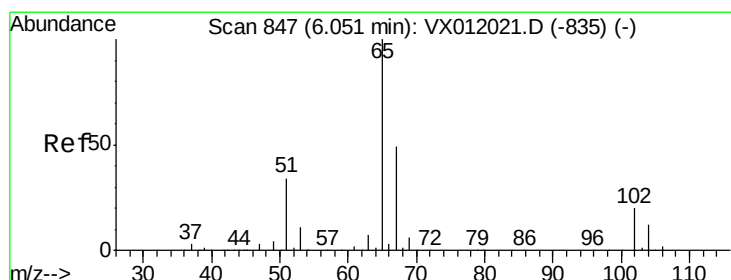
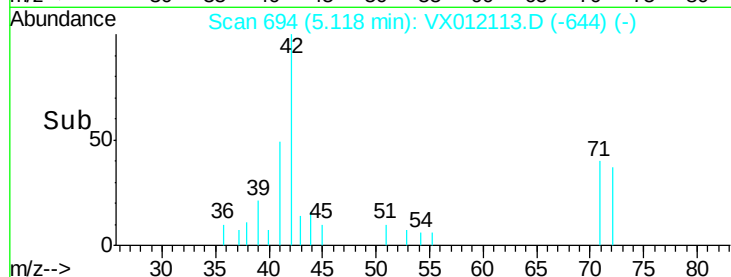
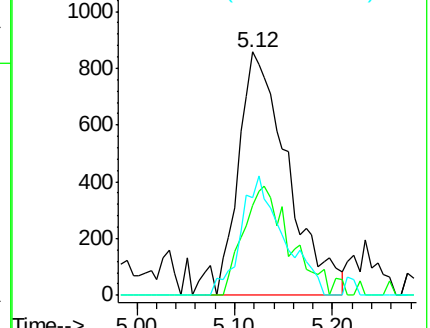
71 41.6 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.323 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012113.D

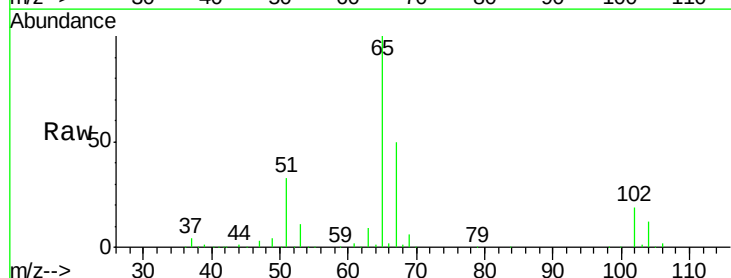
Acq: 05 Sep 2019 20:54

Tgt Ion: 65 Resp: 104168

Ion Ratio Lower Upper

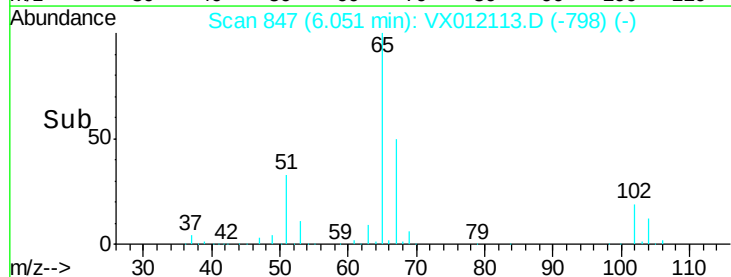
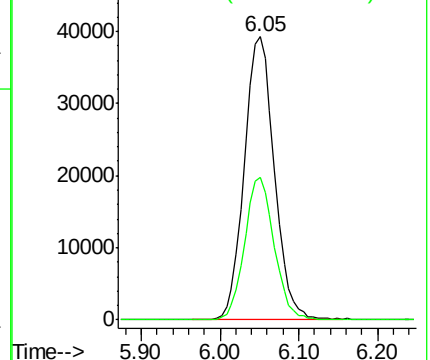
65 100

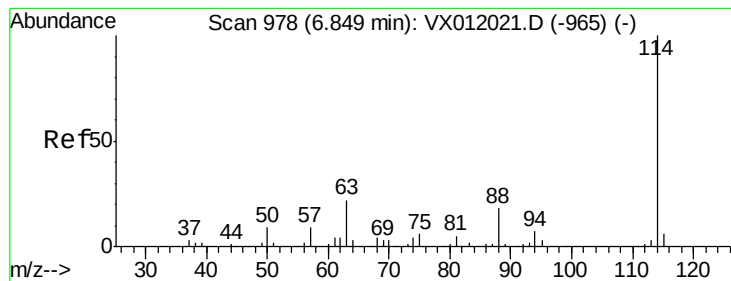
67 49.3 0.0 102.0



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: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012113.D

Acq: 05 Sep 2019 20:54

Instrument :

MSVOA_X

ClientSampleId :

T8-S-G3-(2.5)

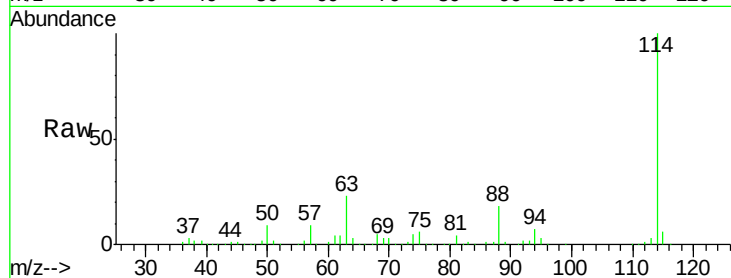
Tot Ion:114 Resp: 263654

Ion Ratio Lower Upper

114 100

63 22.7 0.0 37.4

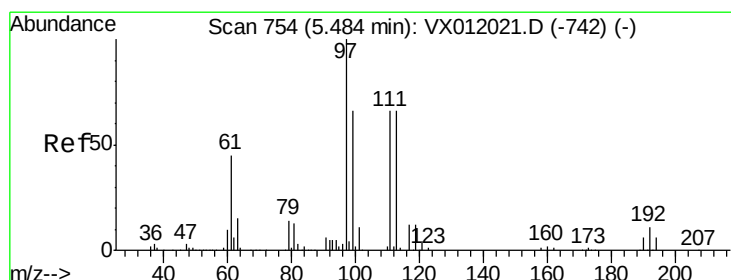
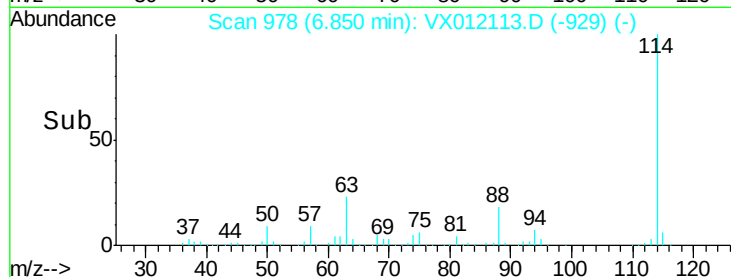
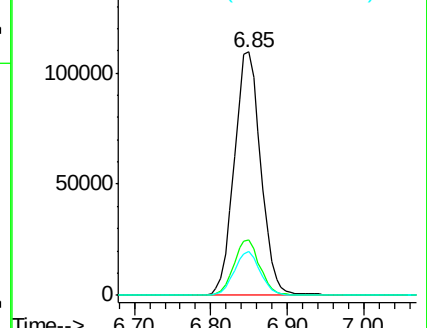
88 18.1 0.0 29.6



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: 48.421 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012113.D

Acq: 05 Sep 2019 20:54

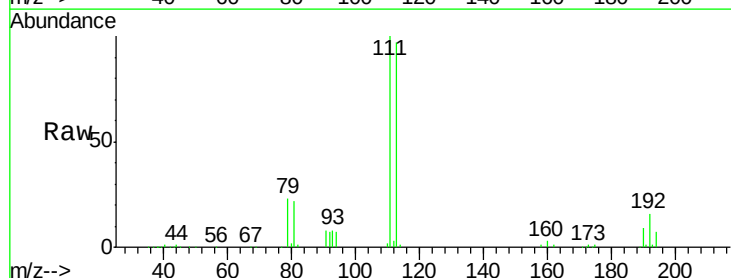
Tgt Ion:113 Resp: 78509

Ion Ratio Lower Upper

113 100

111 103.0 81.7 122.5

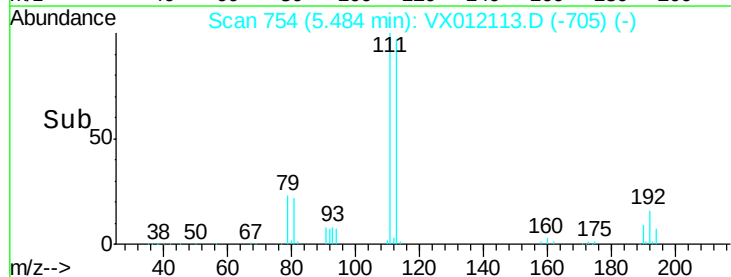
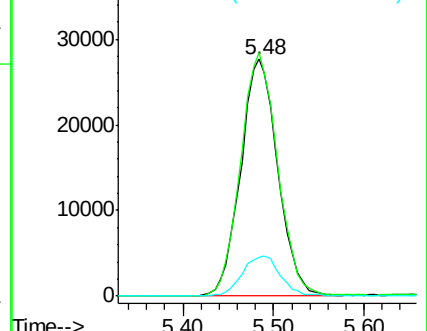
192 17.2 22.5 33.7#

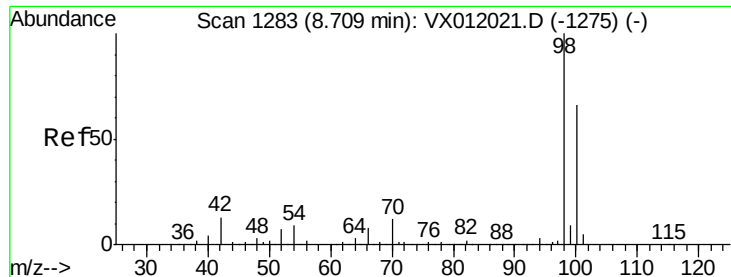


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

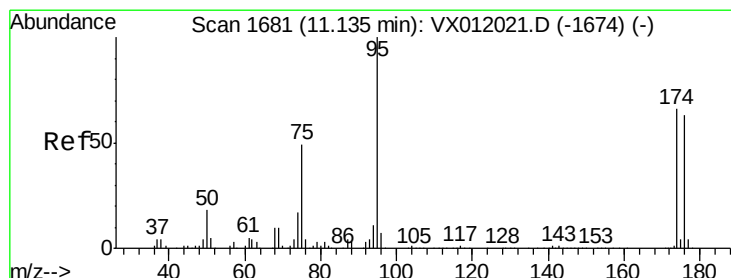
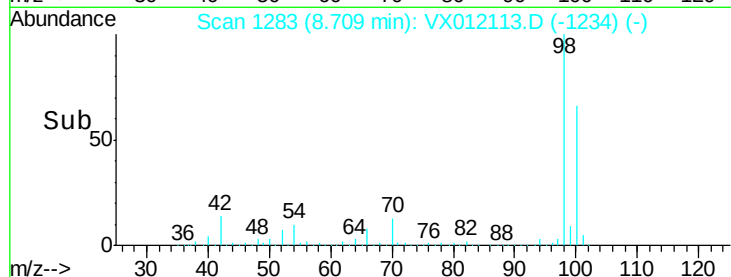
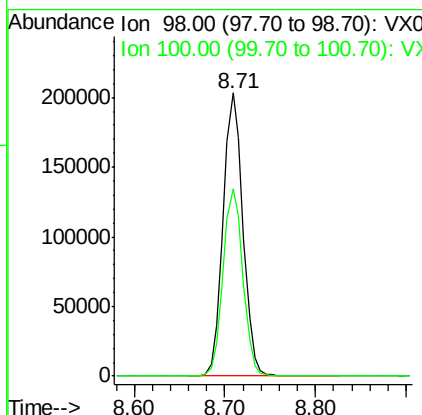
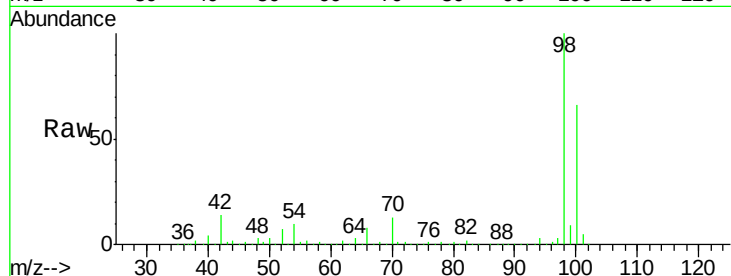




#50
Toluene-d8
Concen: 52.085 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012113.D
Acq: 05 Sep 2019 20:54

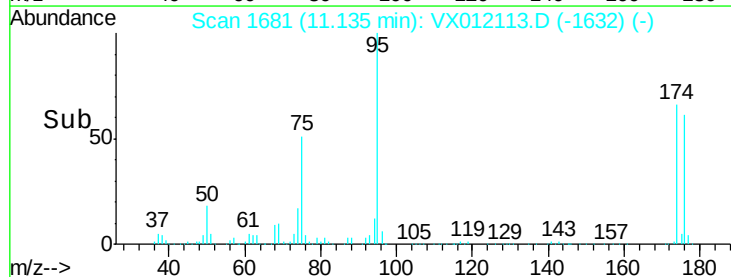
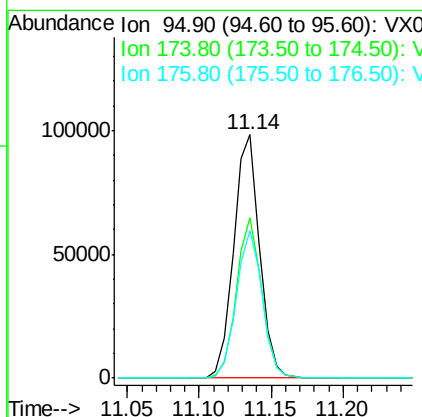
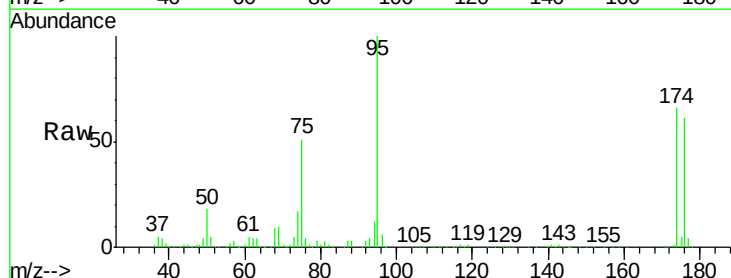
Instrument :
MSVOA_X
ClientSampleId :
T8-S-G3-(2.5)

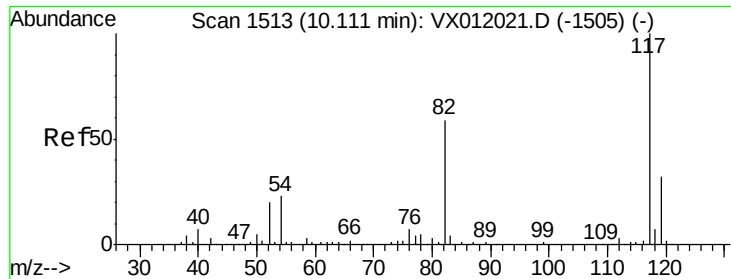
Tot Ion: 98 Resp: 309892
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 44.836 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012113.D
Acq: 05 Sep 2019 20:54

Tgt Ion: 95 Resp: 124060
Ion Ratio Lower Upper
95 100
174 63.8 0.0 205.4
176 60.7 0.0 201.8

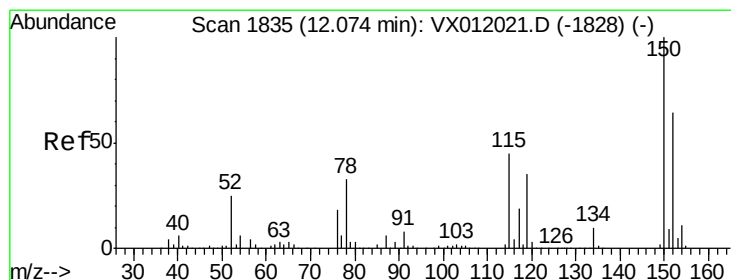
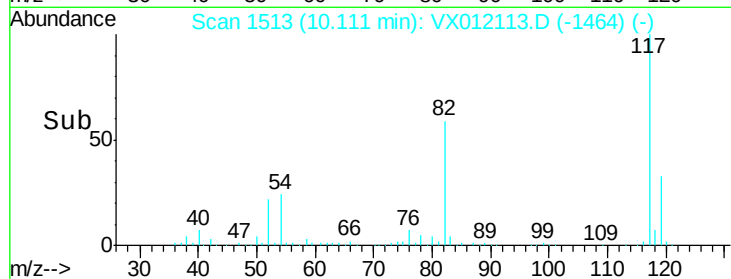
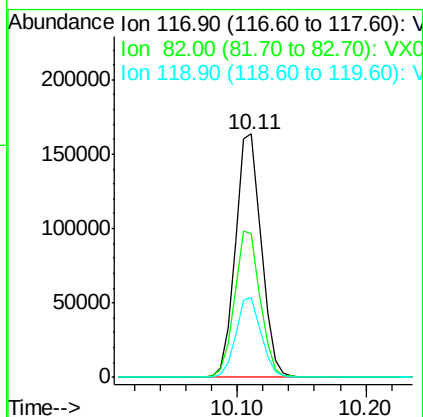
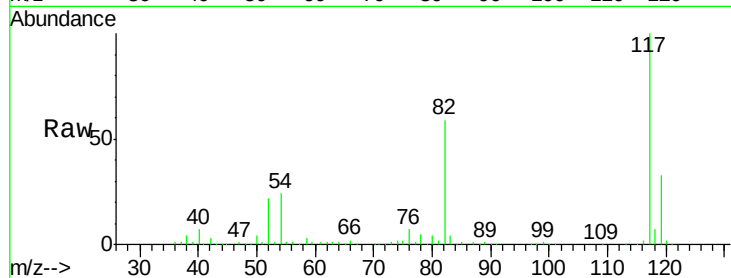




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012113.D
Acq: 05 Sep 2019 20:54

Instrument :
MSVOA_X
ClientSampleId :
T8-S-G3-(2.5)

Tot Ion:117 Resp: 228482
Ion Ratio Lower Upper
117 100
82 59.3 39.4 59.0#
119 32.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012113.D
Acq: 05 Sep 2019 20:54

Tgt Ion:152 Resp: 99843
Ion Ratio Lower Upper
152 100
115 66.2 36.4 109.3
150 158.3 0.0 341.2

