

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012089.D
 Acq On : 05 Sep 2019 09:25
 Operator : SY/SP
 Sample : K4548-07
 Misc : 6.25g/5.0mL/MSVOA X/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T8-S-G3-(0)

Quant Time: Sep 05 14:54:22 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

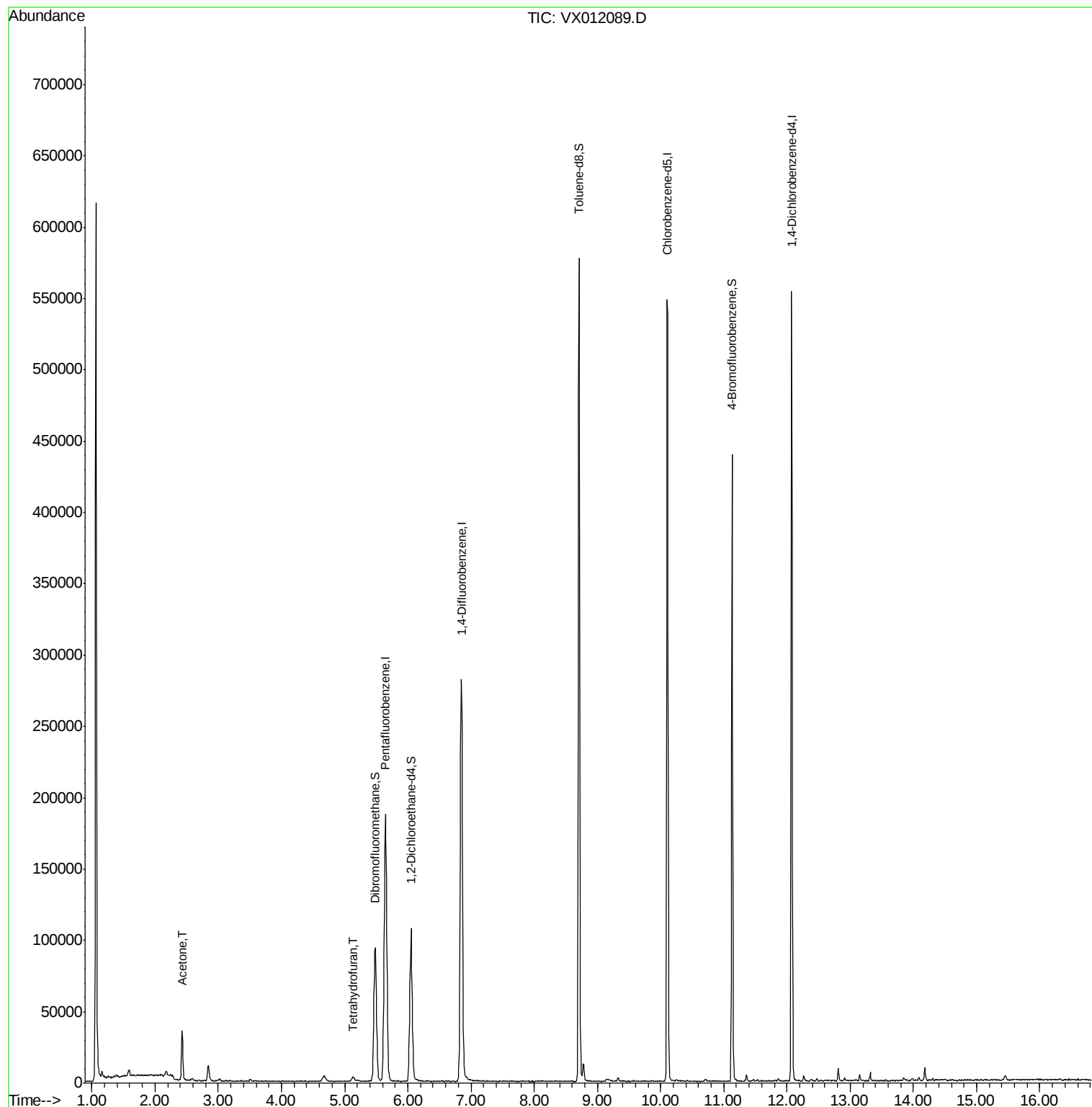
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	156842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	273928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100479	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	106768	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
35) Dibromofluoromethane	5.48	113	81151	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
50) Toluene-d8	8.71	98	321224	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	11.14	95	125156	43.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.08%	
Target Compounds						
16) Acetone	2.43	43	36909	71.354	ug/l	97
29) Tetrahydrofuran	5.14	42	2783	7.015	ug/l	97

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

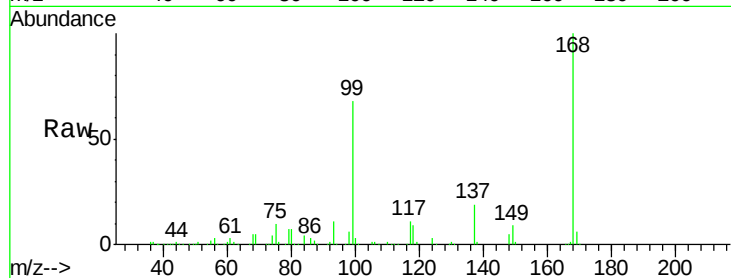
T8-S-G3-(0)

Tot Ion:168 Resp: 156842

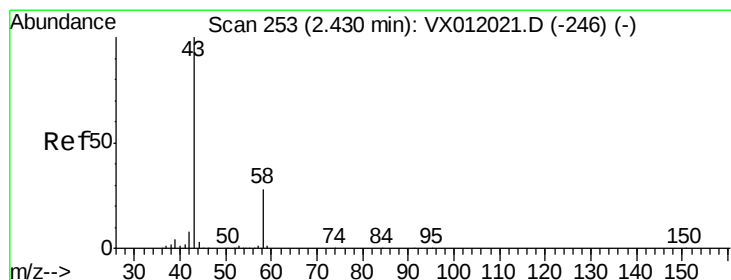
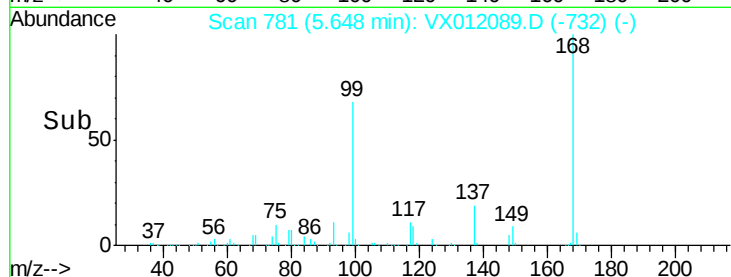
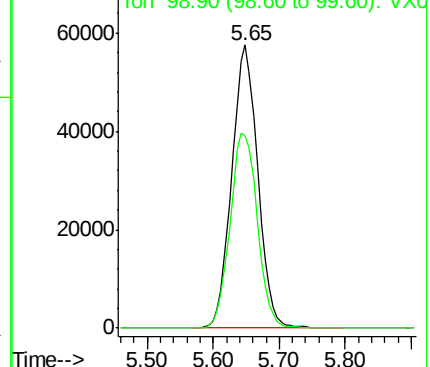
Ion Ratio Lower Upper

168 100

99 68.1 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 71.354 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012089.D

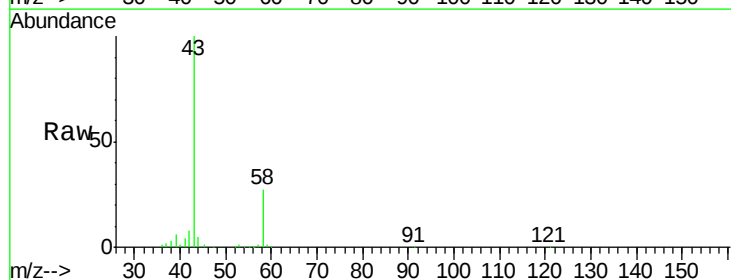
Acq: 05 Sep 2019 09:25

Tgt Ion: 43 Resp: 36909

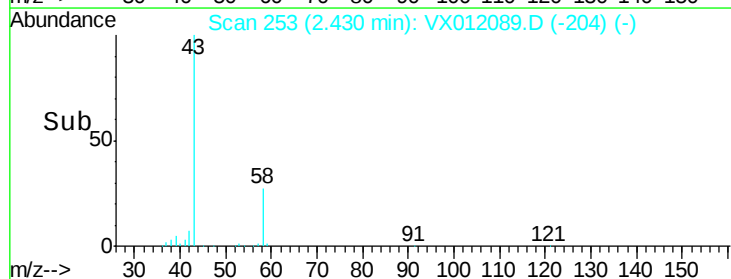
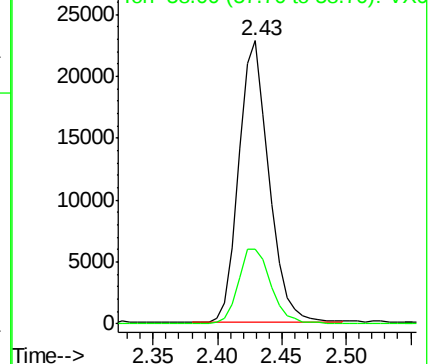
Ion Ratio Lower Upper

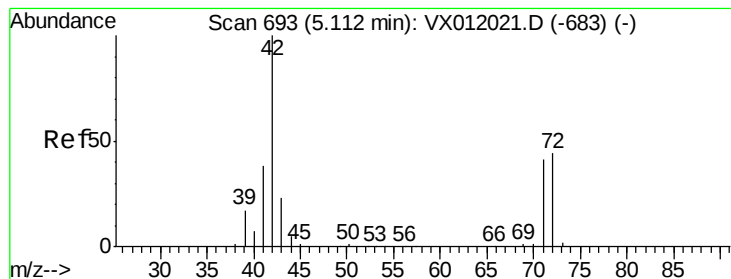
43 100

58 26.8 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0





#29

Tetrahydrofuran

Concen: 7.015 ug/l

RT: 5.14 min Scan# 697

Delta R.T. 0.02 min

Lab File: VX012089.D

Acq: 05 Sep 2019 09:25

Instrument :

MSVOA_X

ClientSampleId :

T8-S-G3-(0)

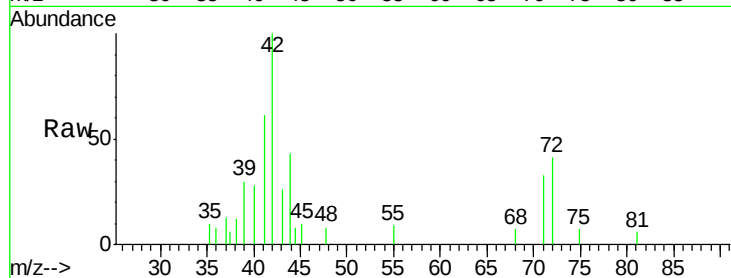
Tot Ion: 42 Resp: 2783

Ion Ratio Lower Upper

42 100

72 48.7 37.0 55.4

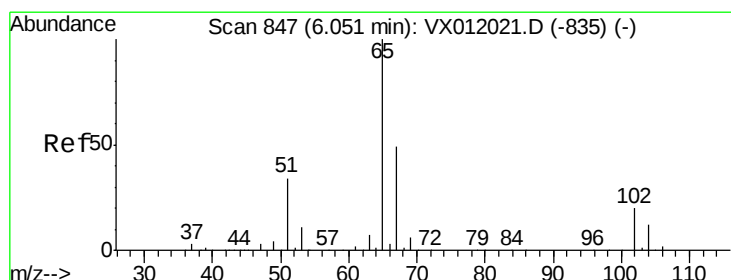
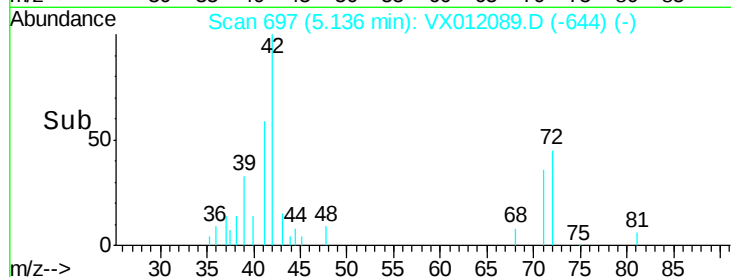
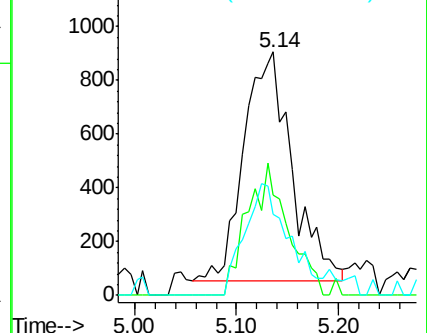
71 44.0 33.8 50.8



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: 49.336 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012089.D

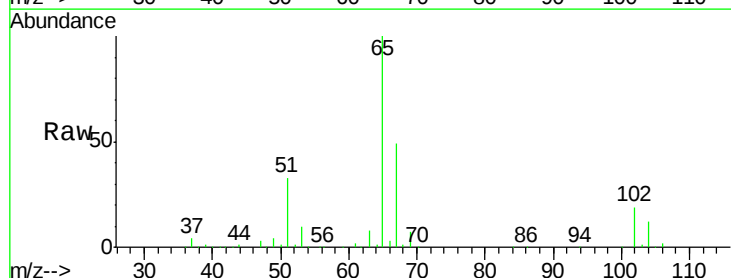
Acq: 05 Sep 2019 09:25

Tgt Ion: 65 Resp: 106768

Ion Ratio Lower Upper

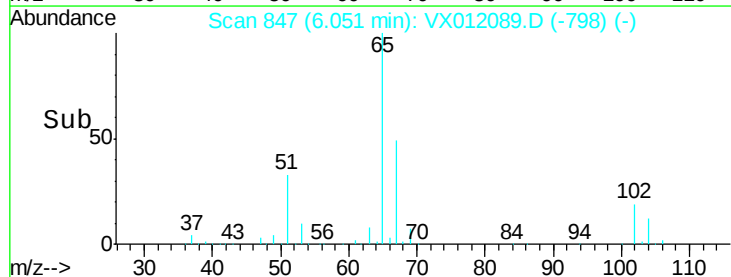
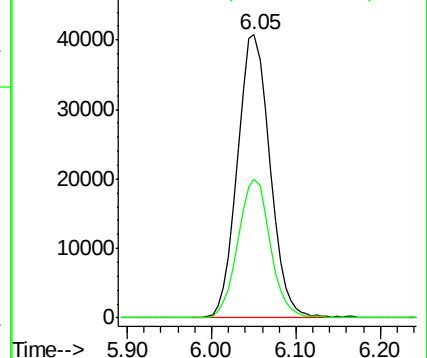
65 100

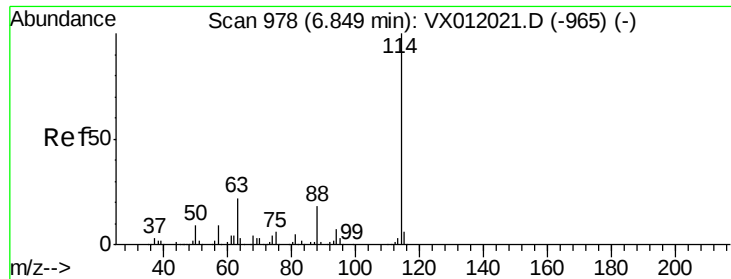
67 48.8 0.0 102.0



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: VX012089.D

Acq: 05 Sep 2019 09:25

Instrument :

MSVOA_X

ClientSampleId :

T8-S-G3-(0)

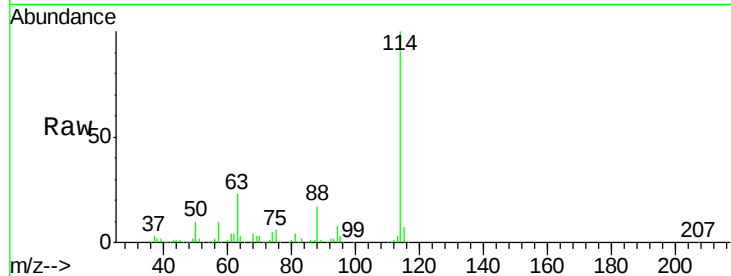
Tot Ion:114 Resp: 273928

Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.4

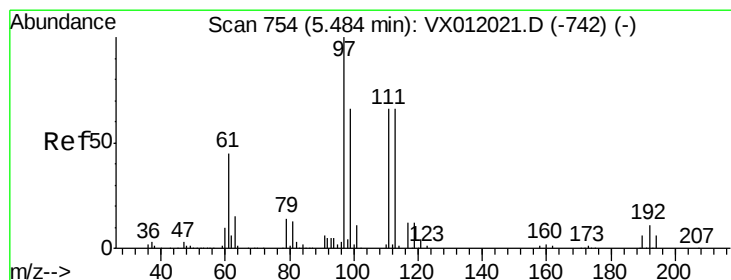
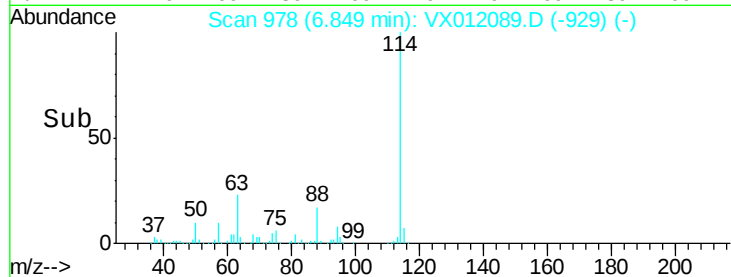
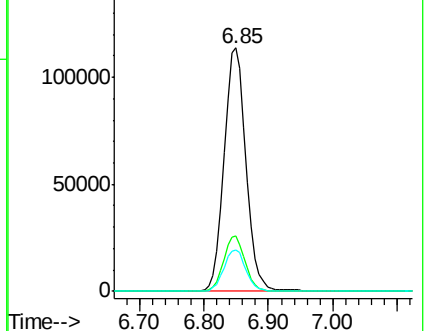
88 16.9 0.0 29.6



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: 48.173 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012089.D

Acq: 05 Sep 2019 09:25

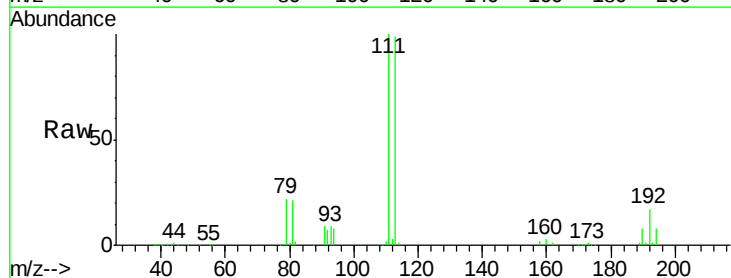
Tgt Ion:113 Resp: 81151

Ion Ratio Lower Upper

113 100

111 101.4 81.7 122.5

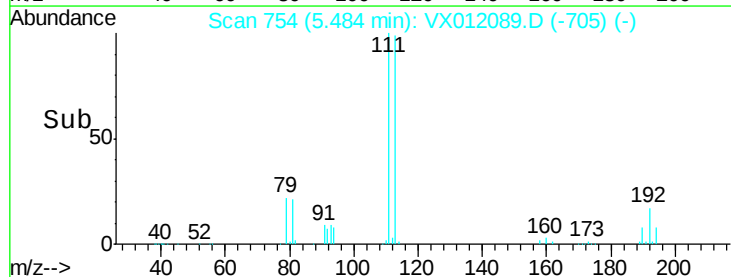
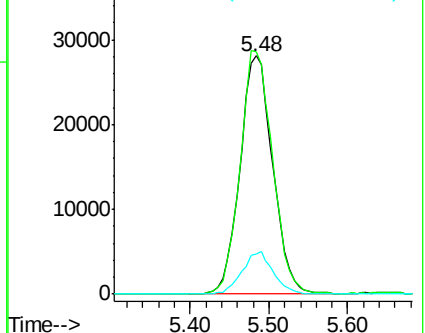
192 16.9 22.5 33.7#

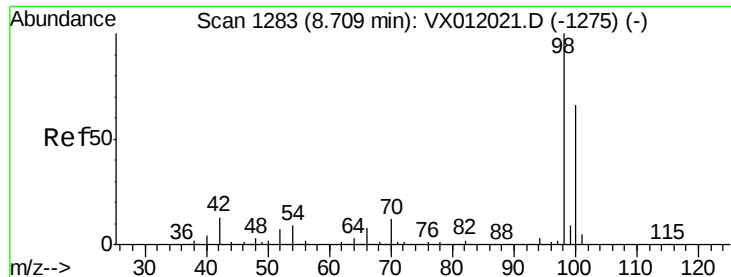


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

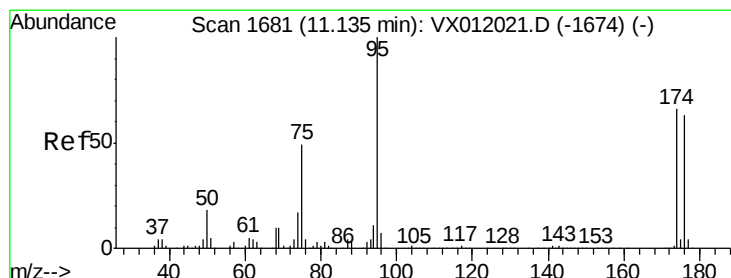
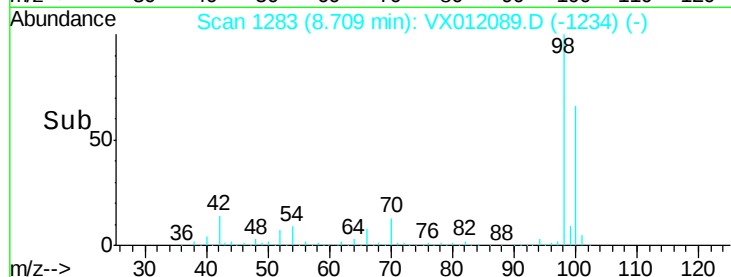
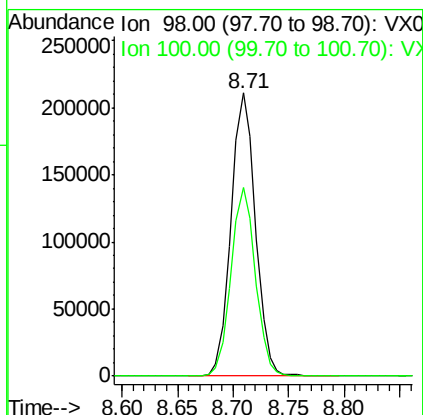
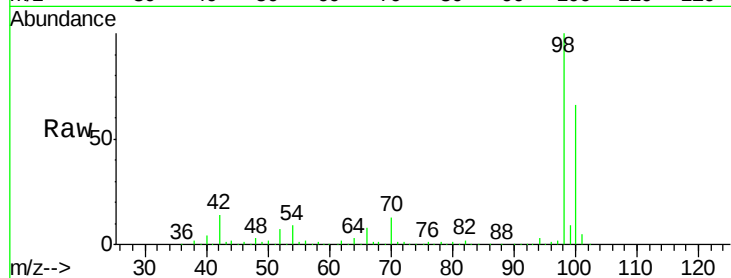




#50
Toluene-d8
Concen: 51.964 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012089.D
Acq: 05 Sep 2019 09:25

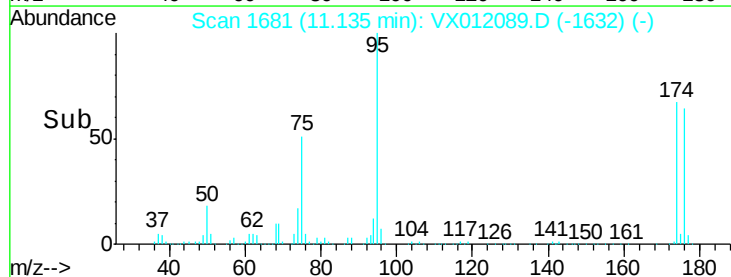
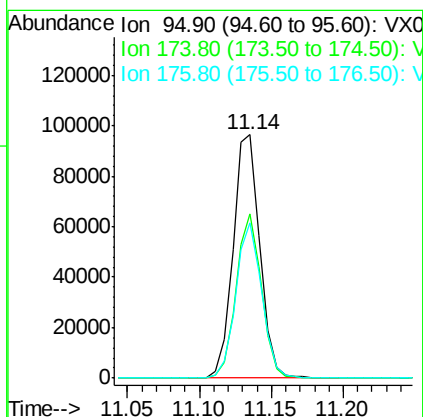
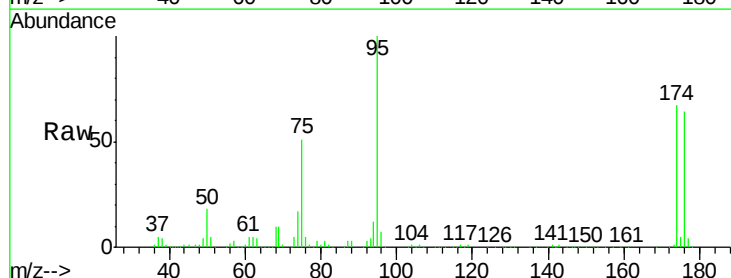
Instrument :
MSVOA_X
ClientSampleId :
T8-S-G3-(0)

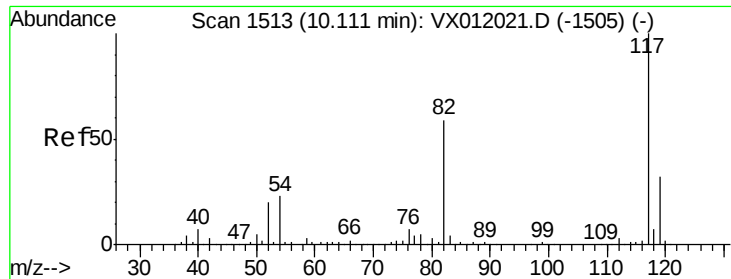
Tot Ion: 98 Resp: 321224
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 43.535 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012089.D
Acq: 05 Sep 2019 09:25

Tgt Ion: 95 Resp: 125156
Ion Ratio Lower Upper
95 100
174 63.8 0.0 205.4
176 61.7 0.0 201.8

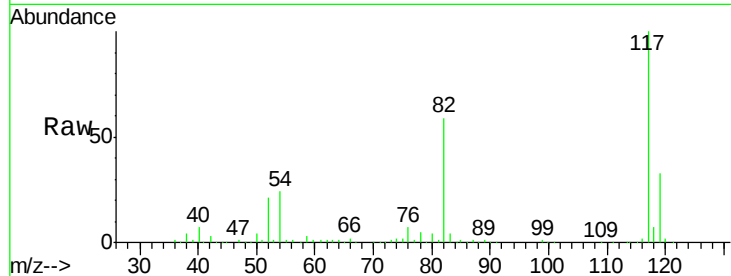




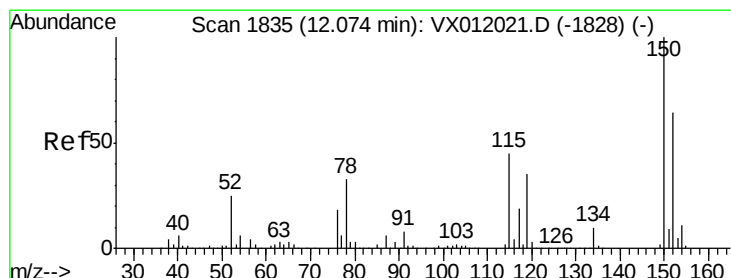
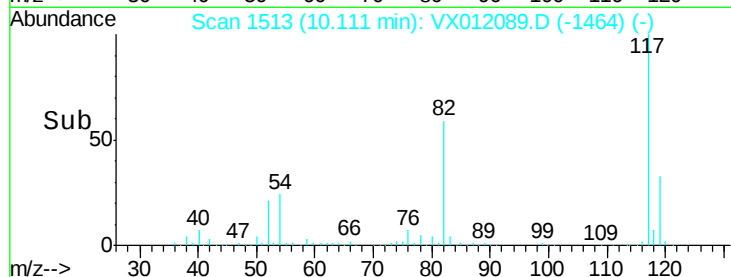
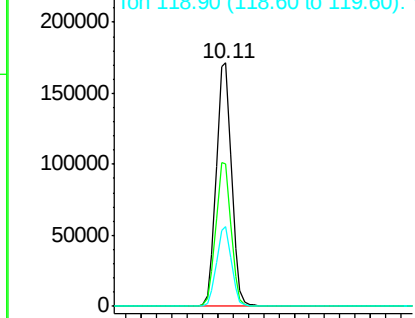
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012089.D
Acq: 05 Sep 2019 09:25

Instrument :
MSVOA_X
ClientSampleId :
T8-S-G3-(0)

Tot Ion:117 Resp: 237690
Ion Ratio Lower Upper
117 100
82 58.7 39.4 59.0
119 32.7 26.1 39.1

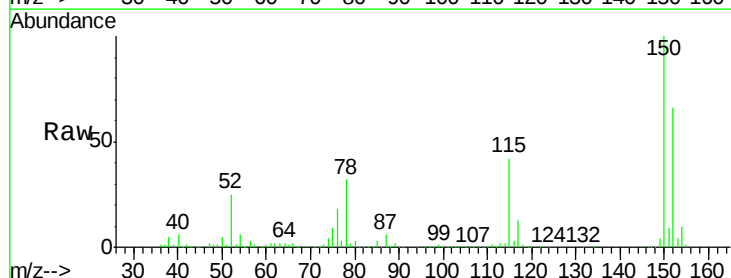


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012089.D
Acq: 05 Sep 2019 09:25

Tgt Ion:152 Resp: 100479
Ion Ratio Lower Upper
152 100
115 64.9 36.4 109.3
150 156.4 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

