

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090319\
 Data File : VX012025.D
 Acq On : 03 Sep 2019 16:40
 Operator : SY/SP
 Sample : VX0903SBL01
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBL01

Quant Time: Sep 04 04:09:26 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	5.64	168	166395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122732	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	110818	48.27	ug/l	0.00
Spiked Amount						
			Recovery	=	96.54%	
35) Dibromofluoromethane	5.48	113	88245	48.41	ug/l	0.00
Spiked Amount						
			Recovery	=	96.82%	
50) Toluene-d8	8.71	98	356156	53.24	ug/l	0.00
Spiked Amount						
			Recovery	=	106.48%	
62) 4-Bromofluorobenzene	11.14	95	145440	46.75	ug/l	0.00
Spiked Amount						
			Recovery	=	93.50%	

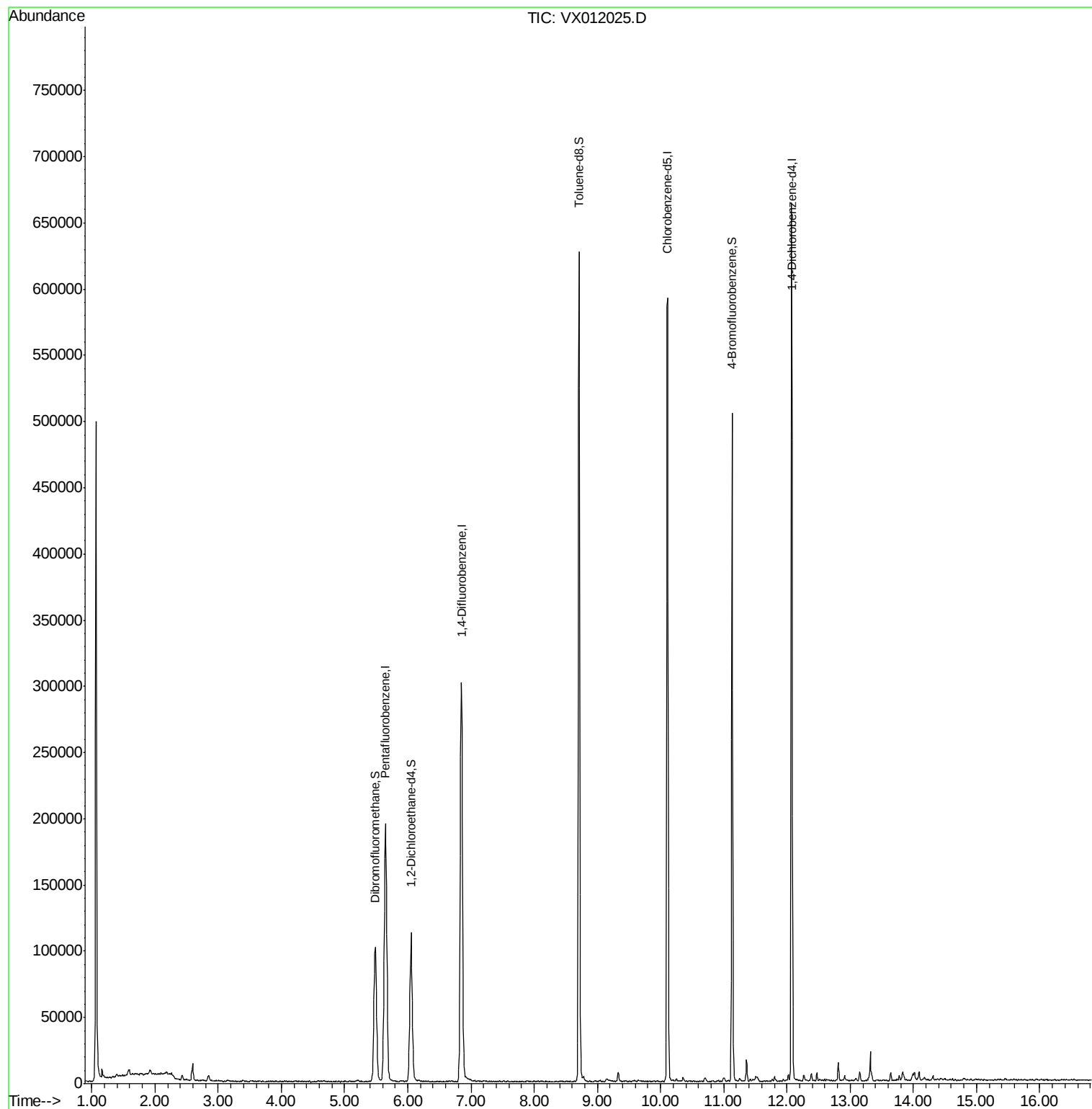
Target Compounds	Qvalue

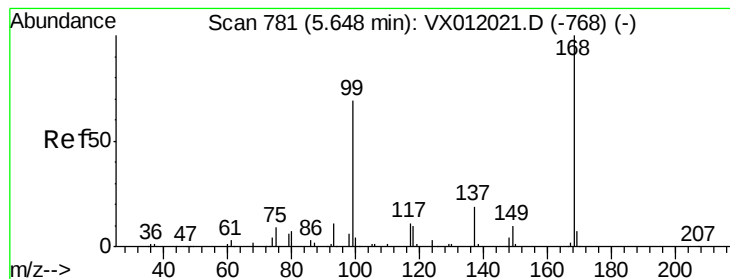
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012025.D

Acq: 03 Sep 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

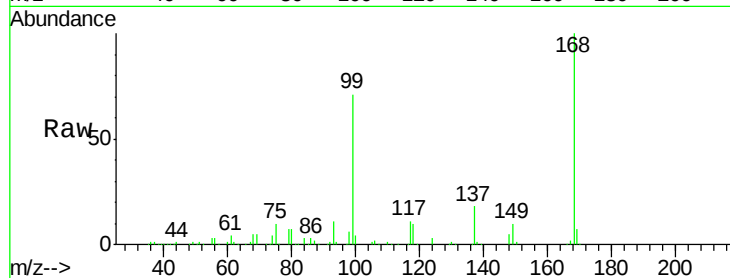
VX0903SBL01

Tot Ion:168 Resp: 166395

Ion Ratio Lower Upper

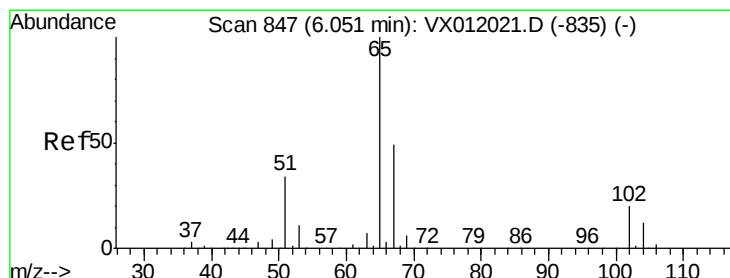
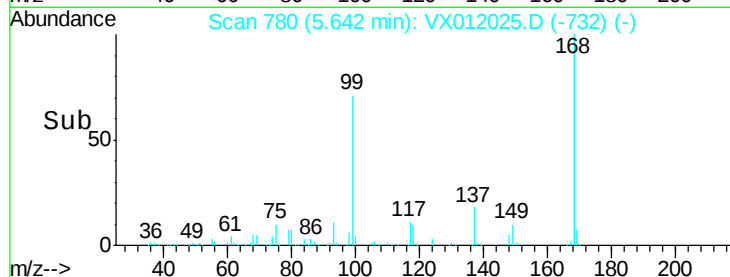
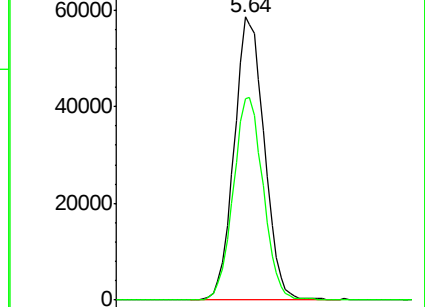
168 100

99 71.2 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.267 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012025.D

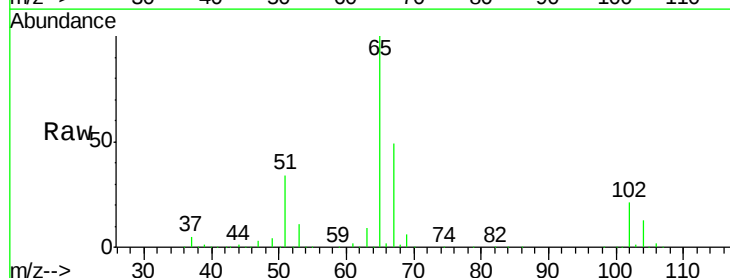
Acq: 03 Sep 2019 16:40

Tgt Ion: 65 Resp: 110818

Ion Ratio Lower Upper

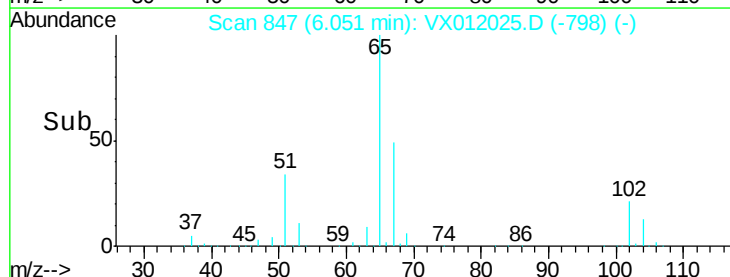
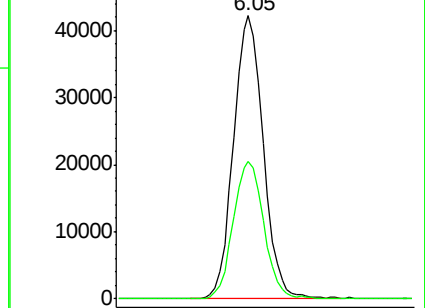
65 100

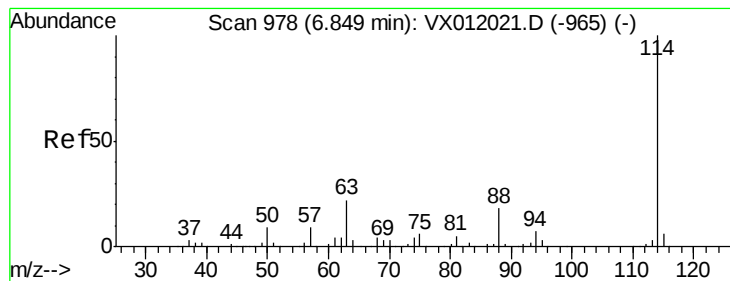
67 49.9 0.0 102.0



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: VX012025.D

Acq: 03 Sep 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

VX0903SBL01

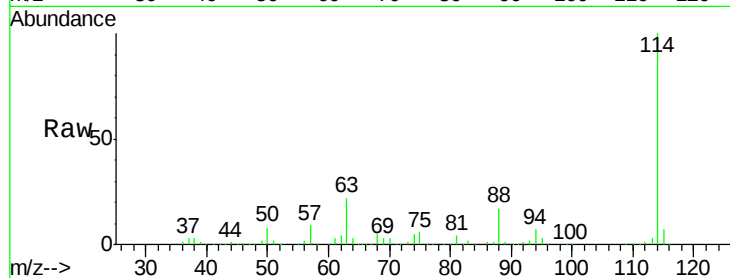
Tot Ion:114 Resp: 296435

Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.4

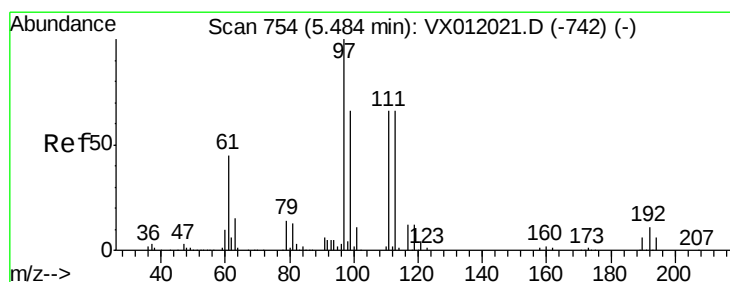
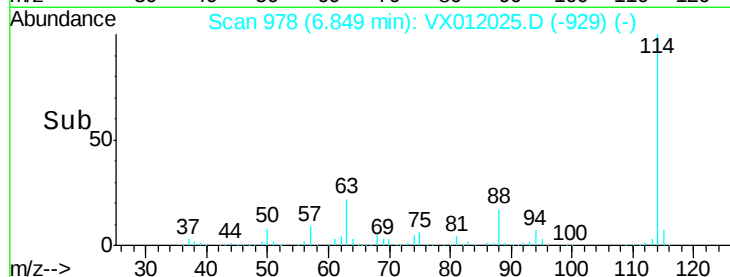
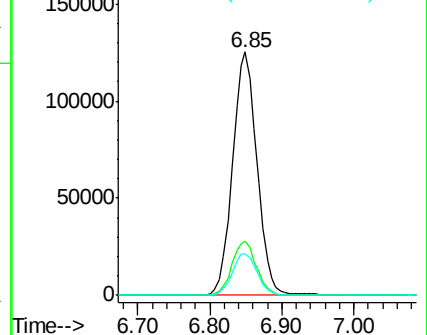
88 16.9 0.0 29.6



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: 48.407 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012025.D

Acq: 03 Sep 2019 16:40

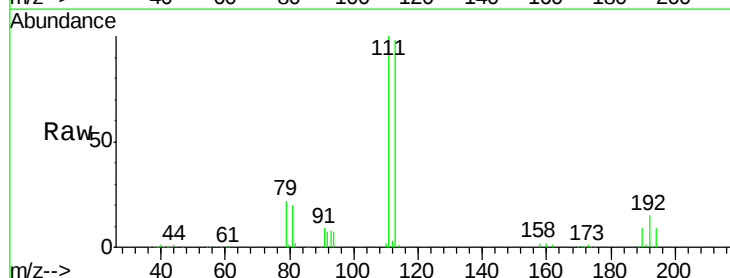
Tgt Ion:113 Resp: 88245

Ion Ratio Lower Upper

113 100

111 103.6 81.7 122.5

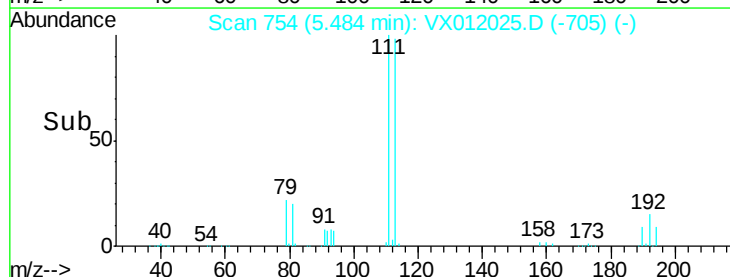
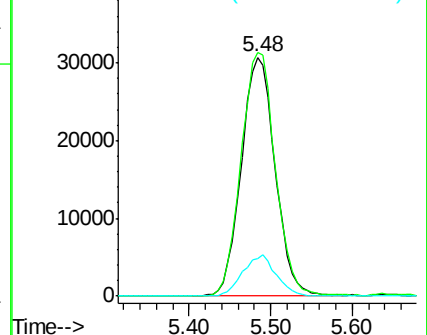
192 17.1 22.5 33.7#

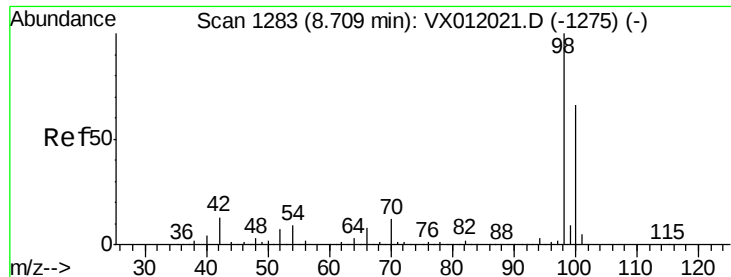


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

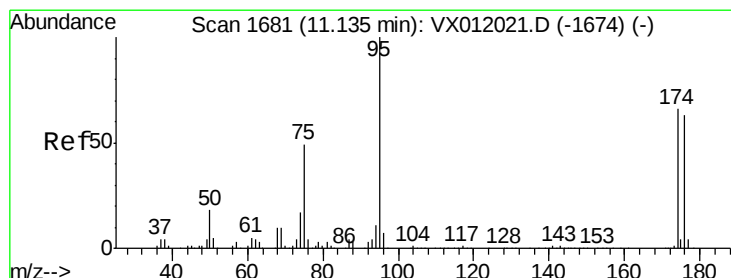
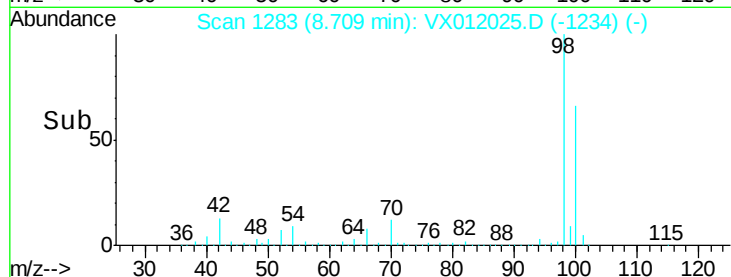
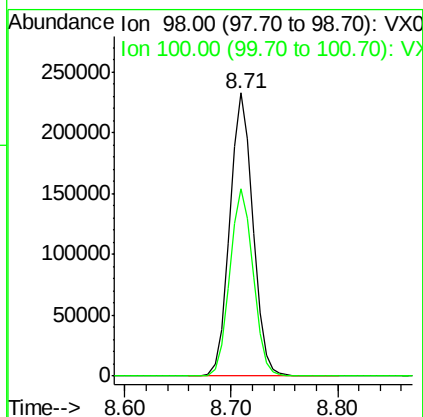
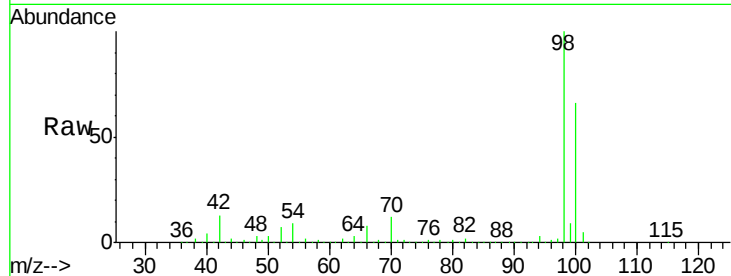




#50
Toluene-d8
Concen: 53.241 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012025.D
Acq: 03 Sep 2019 16:40

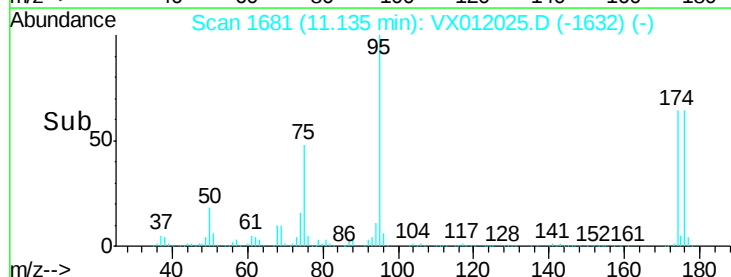
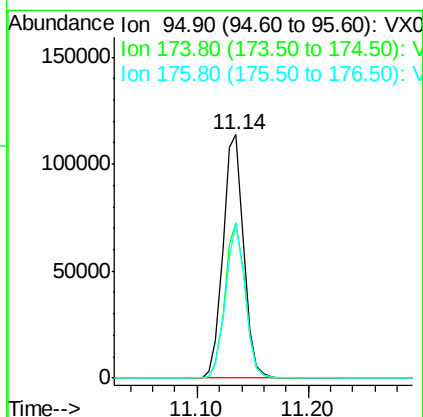
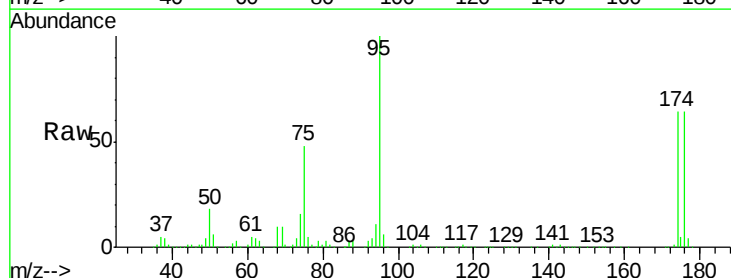
Instrument :
MSVOA_X
ClientSampleID :
VX0903SBL01

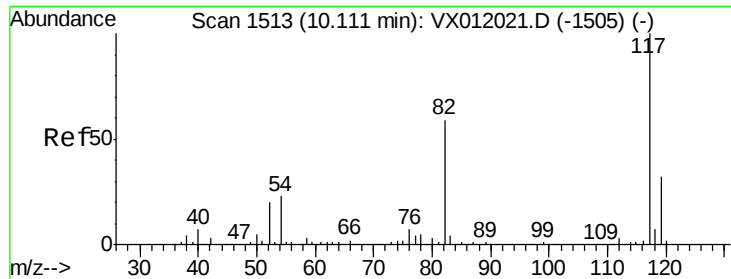
Tot Ion: 98 Resp: 356156
Ion Ratio Lower Upper
98 100
100 66.6 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 46.750 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012025.D
Acq: 03 Sep 2019 16:40

Tgt Ion: 95 Resp: 145440
Ion Ratio Lower Upper
95 100
174 62.5 0.0 205.4
176 60.7 0.0 201.8

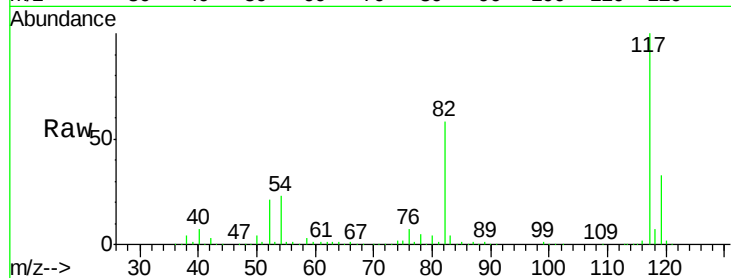




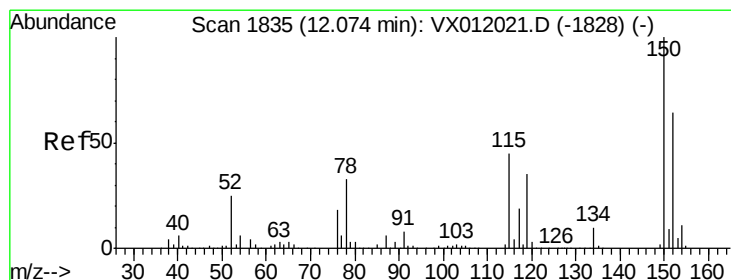
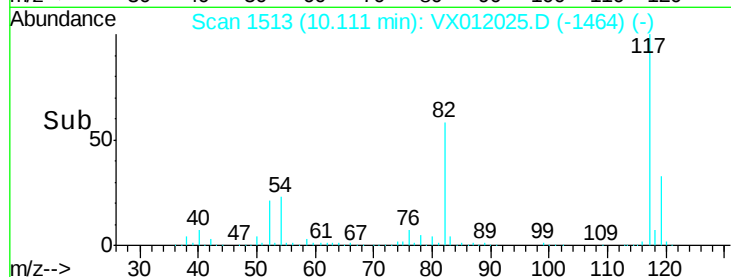
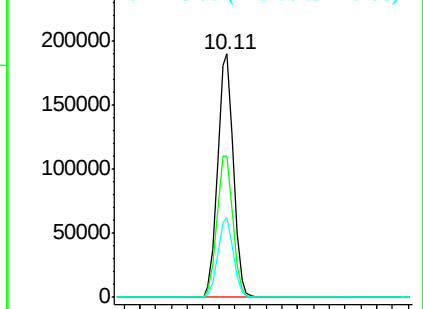
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012025.D
Acq: 03 Sep 2019 16:40

Instrument :
MSVOA_X
ClientSampleId :
VX0903SBL01

Tot Ion:117 Resp: 264215
Ion Ratio Lower Upper
117 100
82 58.1 39.4 59.0
119 32.8 26.1 39.1

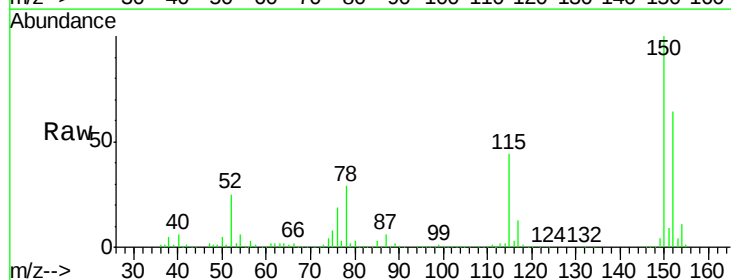


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012025.D
Acq: 03 Sep 2019 16:40

Tgt Ion:152 Resp: 122732
Ion Ratio Lower Upper
152 100
115 66.7 36.4 109.3
150 156.9 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

