

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012050.D
 Acq On : 04 Sep 2019 14:24
 Operator : SY/SP
 Sample : K4546-14
 Misc : 5.75g/5.0mL/MSVOA X/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-B1-(2.5)

Quant Time: Sep 04 14:46:42 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

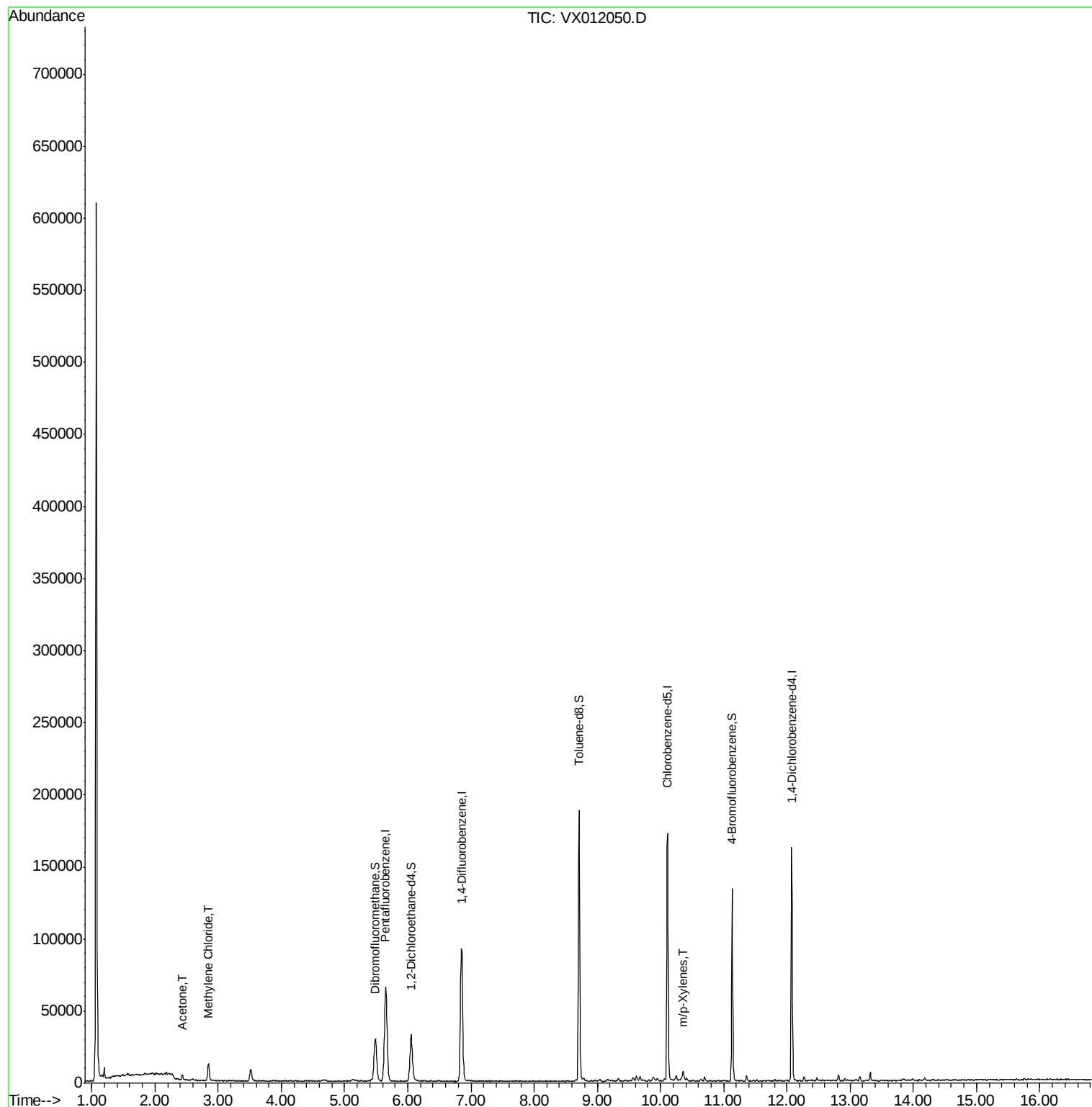
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	54788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	90129	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	73389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	29610	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	32659	43.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.40%	
35) Dibromofluoromethane	5.49	113	26060	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
50) Toluene-d8	8.71	98	105349	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	11.14	95	39034	41.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.54%	
Target Compounds						
16) Acetone	2.43	43	3868	21.407	ug/l	95
20) Methylene Chloride	2.84	84	5359	7.386	ug/l	87
68) m/p-Xylenes	10.36	106	1380	1.419	ug/l	84

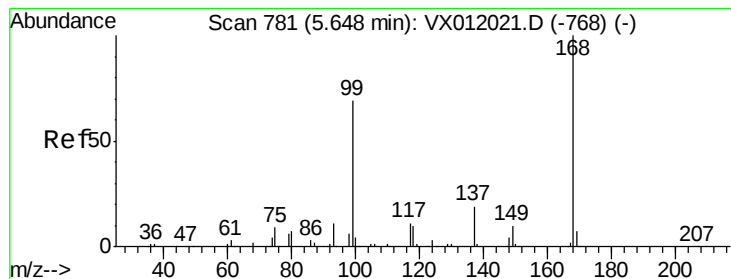
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090419\
Data File : VX012050.D
Acq On : 04 Sep 2019 14:24
Operator : SY/SP
Sample : K4546-14
Misc : 5.75g/5.0mL/MSVOA X/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T3-S-B1-(2.5)

Quant Time: Sep 04 14:46:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
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: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012050.D

Acq: 04 Sep 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

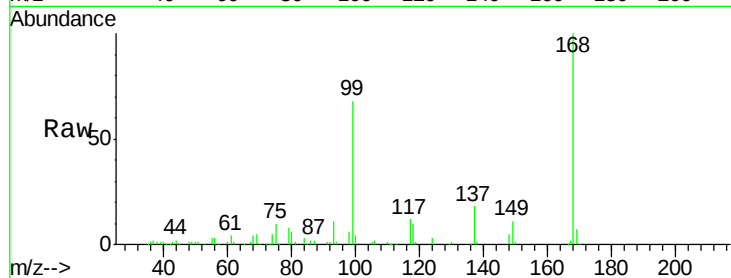
T3-S-B1-(2.5)

Tot Ion:168 Resp: 54788

Ion Ratio Lower Upper

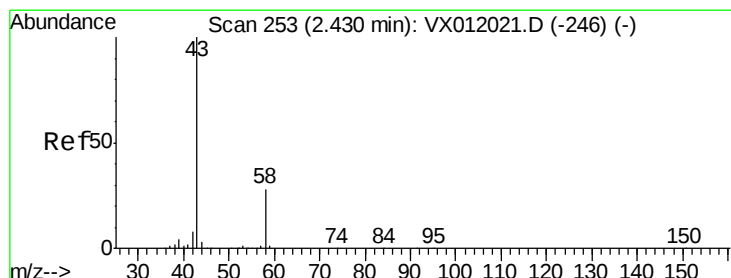
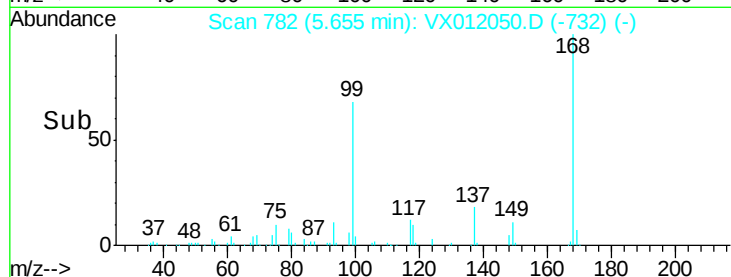
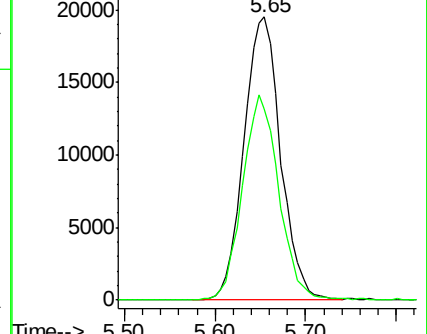
168 100

99 67.5 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 21.407 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012050.D

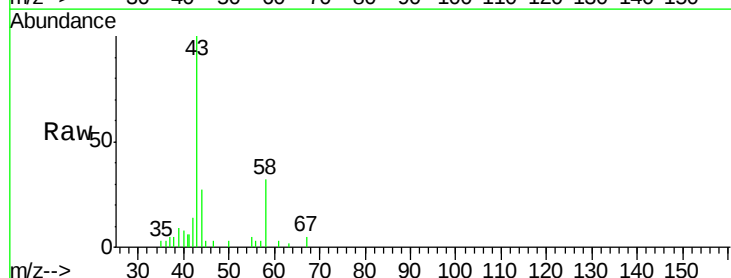
Acq: 04 Sep 2019 14:24

Tgt Ion: 43 Resp: 3868

Ion Ratio Lower Upper

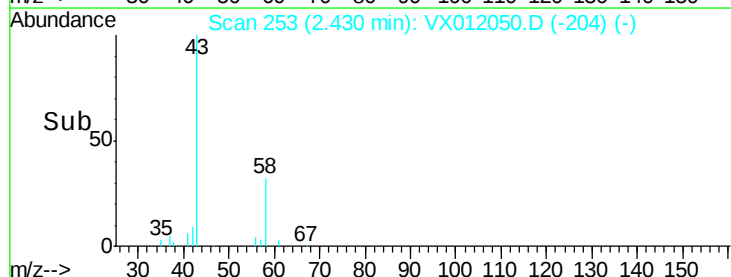
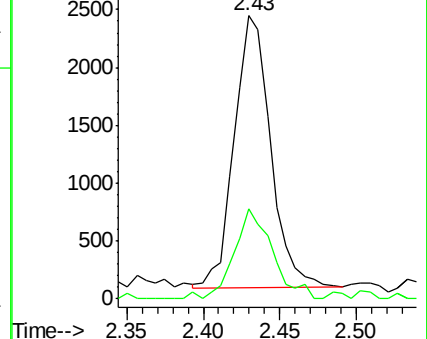
43 100

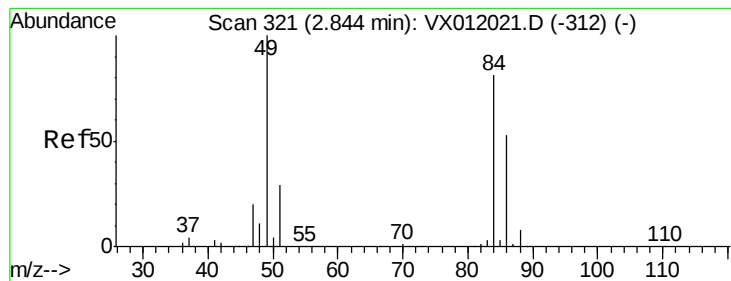
58 31.0 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 7.386 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012050.D

Acq: 04 Sep 2019 14:24

Instrument :

MSVOA_X

ClientSampled :

T3-S-B1-(2.5)

Tot Ion: 84 Resp: 5359

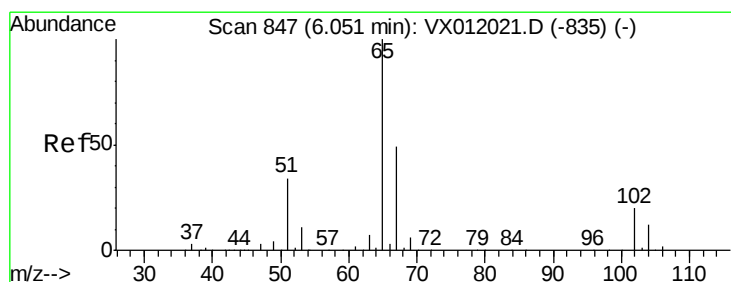
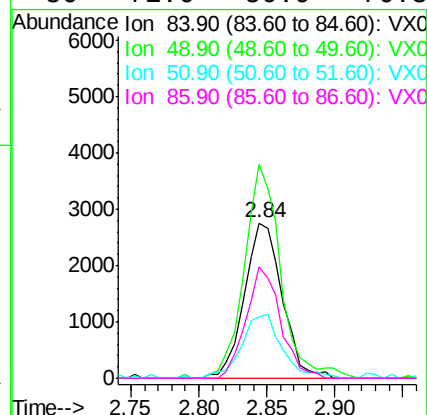
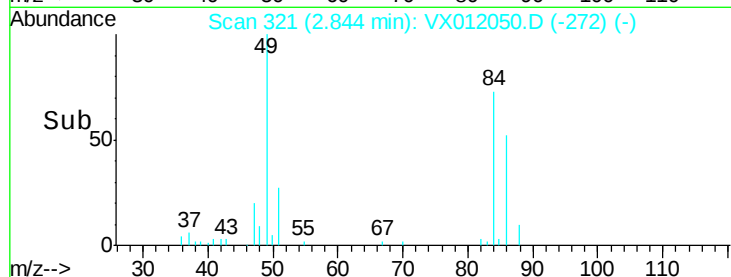
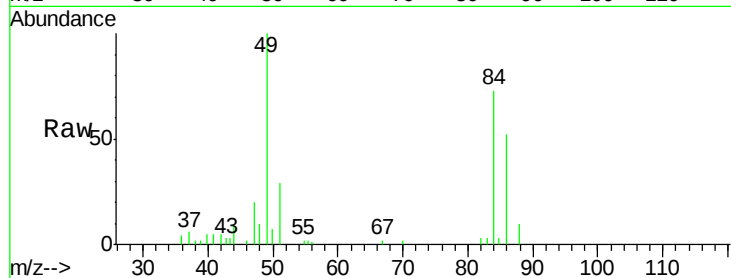
Ion Ratio Lower Upper

84 100

49 137.9 95.8 143.8

51 39.7 28.6 43.0

86 71.6 50.9 76.3



#33

1,2-Dichloroethane-d4

Concen: 43.202 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012050.D

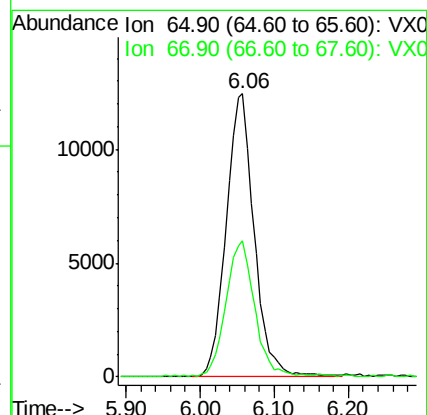
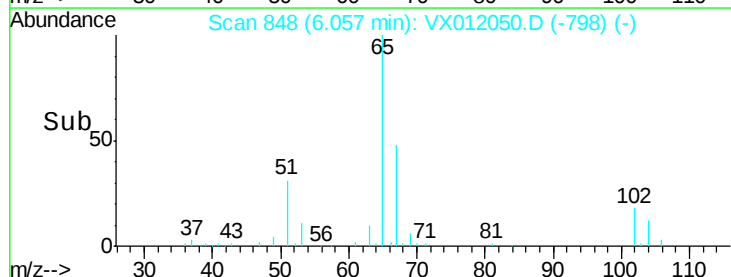
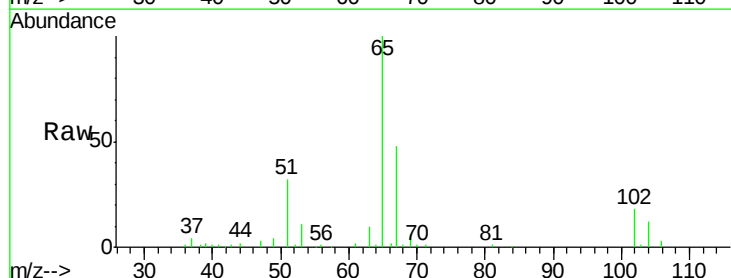
Acq: 04 Sep 2019 14:24

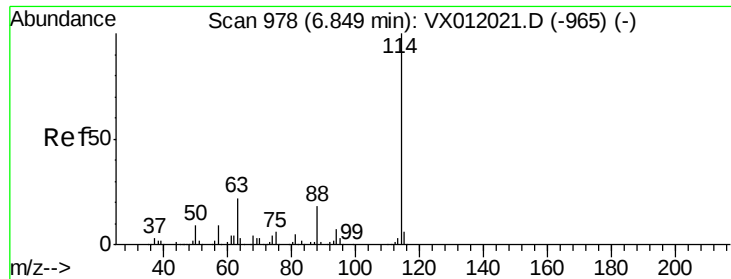
Tgt Ion: 65 Resp: 32659

Ion Ratio Lower Upper

65 100

67 49.5 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: VX012050.D

Acq: 04 Sep 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

T3-S-B1-(2.5)

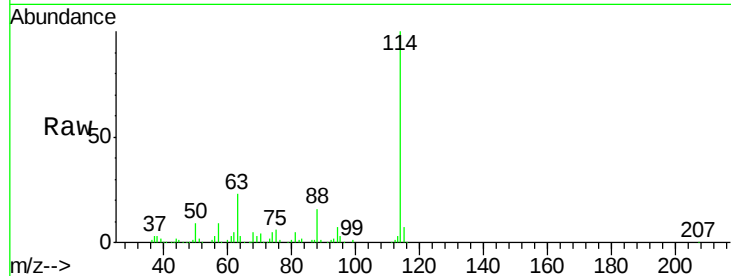
Tot Ion:114 Resp: 90129

Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.4

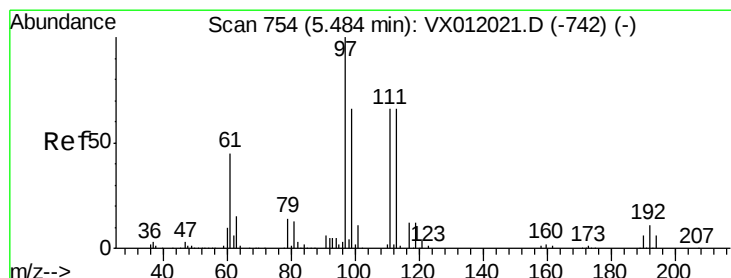
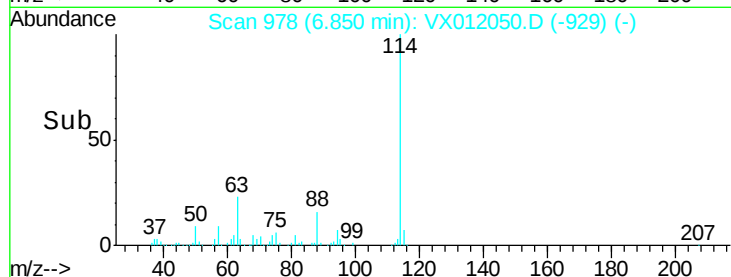
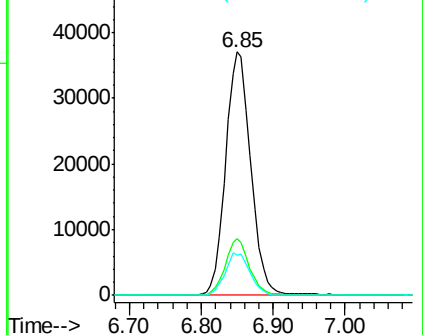
88 16.4 0.0 29.6



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: 47.017 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX012050.D

Acq: 04 Sep 2019 14:24

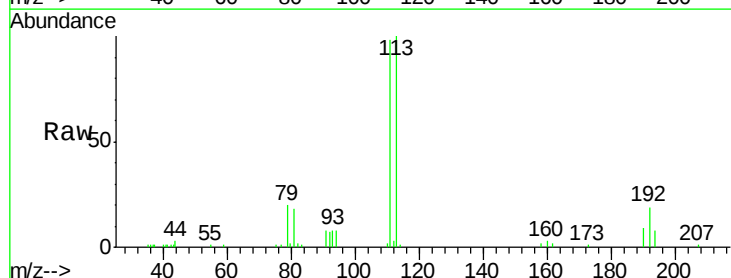
Tgt Ion:113 Resp: 26060

Ion Ratio Lower Upper

113 100

111 103.5 81.7 122.5

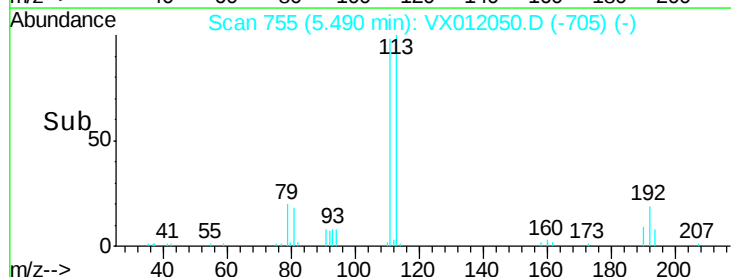
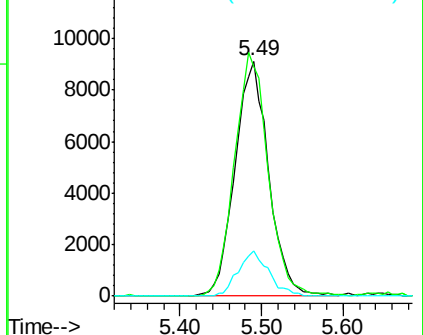
192 17.4 22.5 33.7#

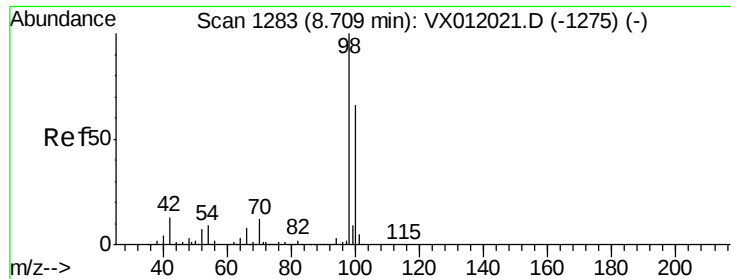


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

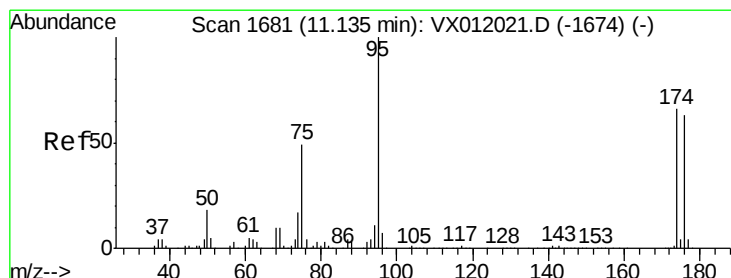
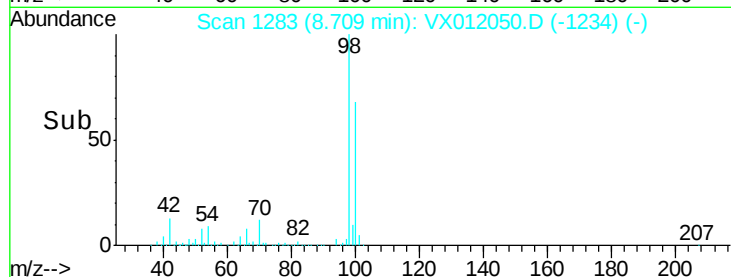
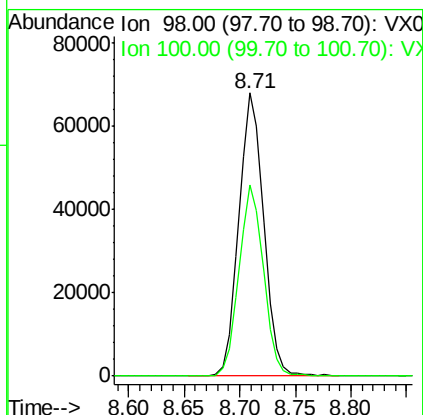
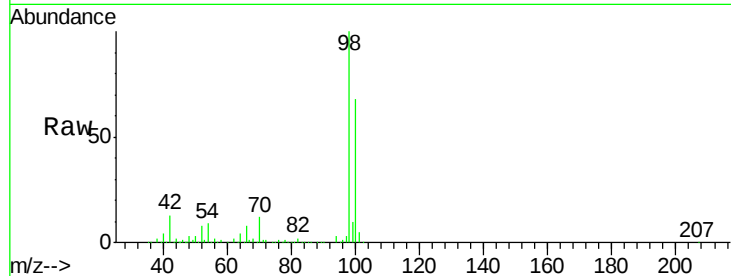




#50
Toluene-d8
Concen: 51.796 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012050.D
Acq: 04 Sep 2019 14:24

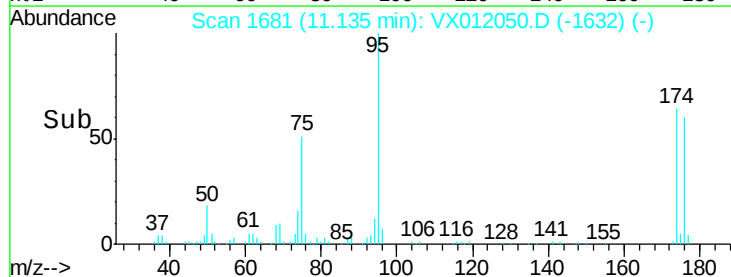
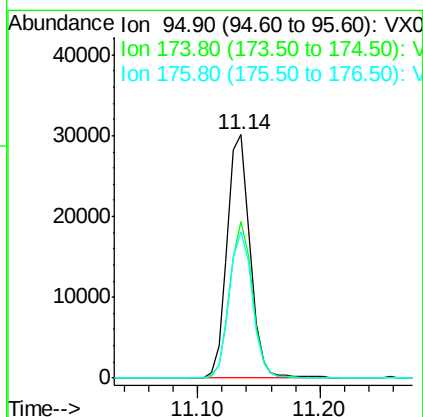
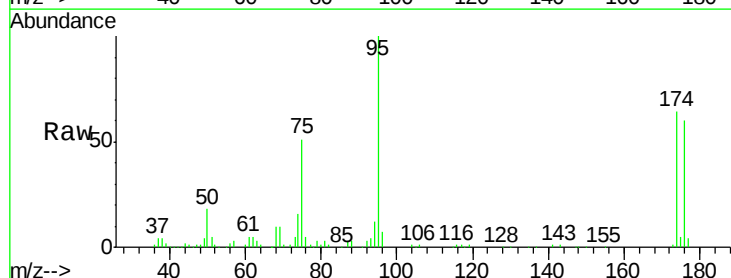
Instrument :
MSVOA_X
ClientSampleId :
T3-S-B1-(2.5)

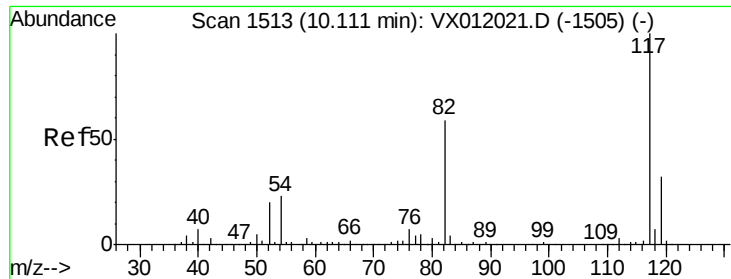
Tot Ion: 98 Resp: 105349
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 41.267 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012050.D
Acq: 04 Sep 2019 14:24

Tgt Ion: 95 Resp: 39034
Ion Ratio Lower Upper
95 100
174 63.6 0.0 205.4
176 60.3 0.0 201.8

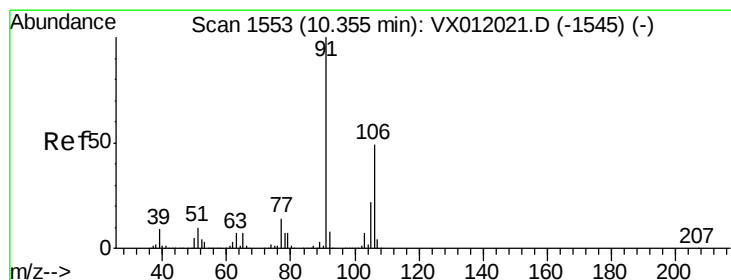
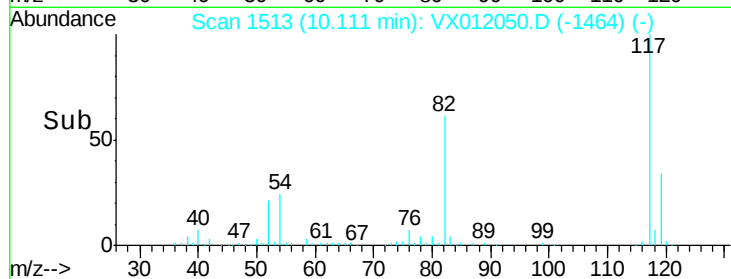
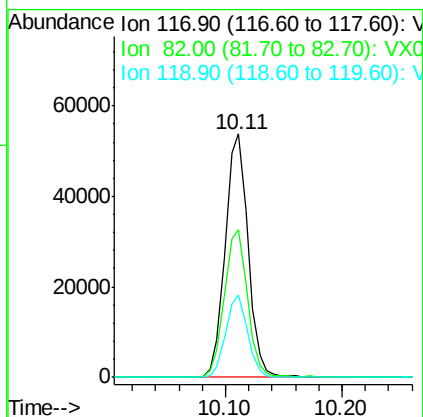
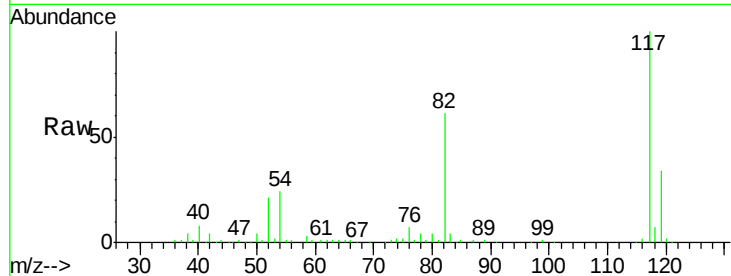




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012050.D
Acq: 04 Sep 2019 14:24

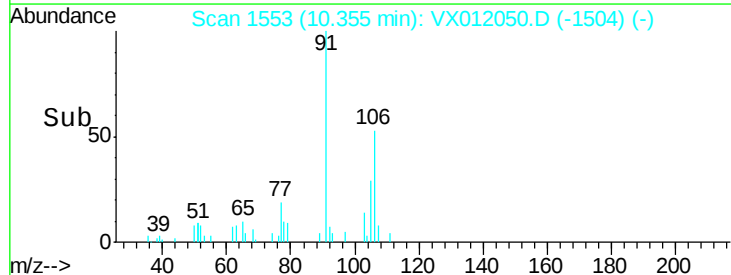
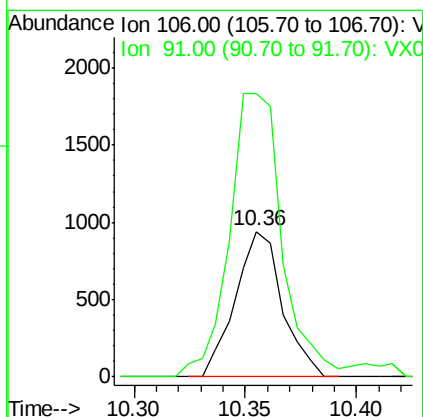
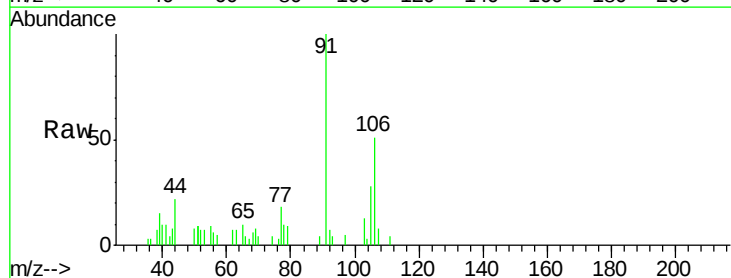
Instrument :
MSVOA_X
ClientSampleId :
T3-S-B1-(2.5)

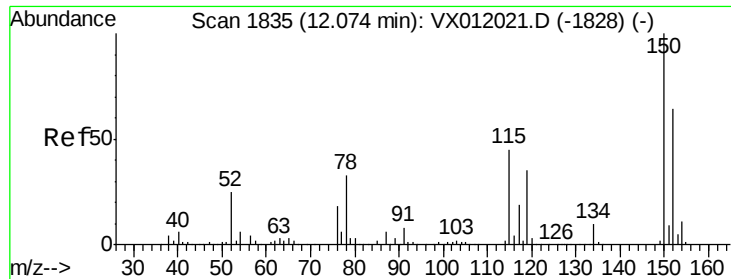
Tot Ion:117 Resp: 73389
Ion Ratio Lower Upper
117 100
82 60.7 39.4 59.0#
119 33.6 26.1 39.1



#68
m/p-Xylenes
Concen: 1.419 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012050.D
Acq: 04 Sep 2019 14:24

Tgt Ion:106 Resp: 1380
Ion Ratio Lower Upper
106 100
91 220.7 157.5 236.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012050.D

Acq: 04 Sep 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

T3-S-B1-(2.5)

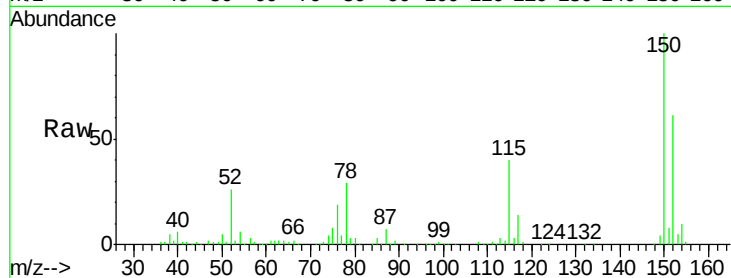
Tot Ion:152 Resp: 29610

Ion Ratio Lower Upper

152 100

115 65.4 36.4 109.3

150 158.4 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

