

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091019\
 Data File : VX012280.D
 Acq On : 11 Sep 2019 03:36
 Operator : SY/SP
 Sample : K4643-06
 Misc : 4.68g/5.0mL/MSVOA X/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-B1-(4)

Quant Time: Sep 11 07:40:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

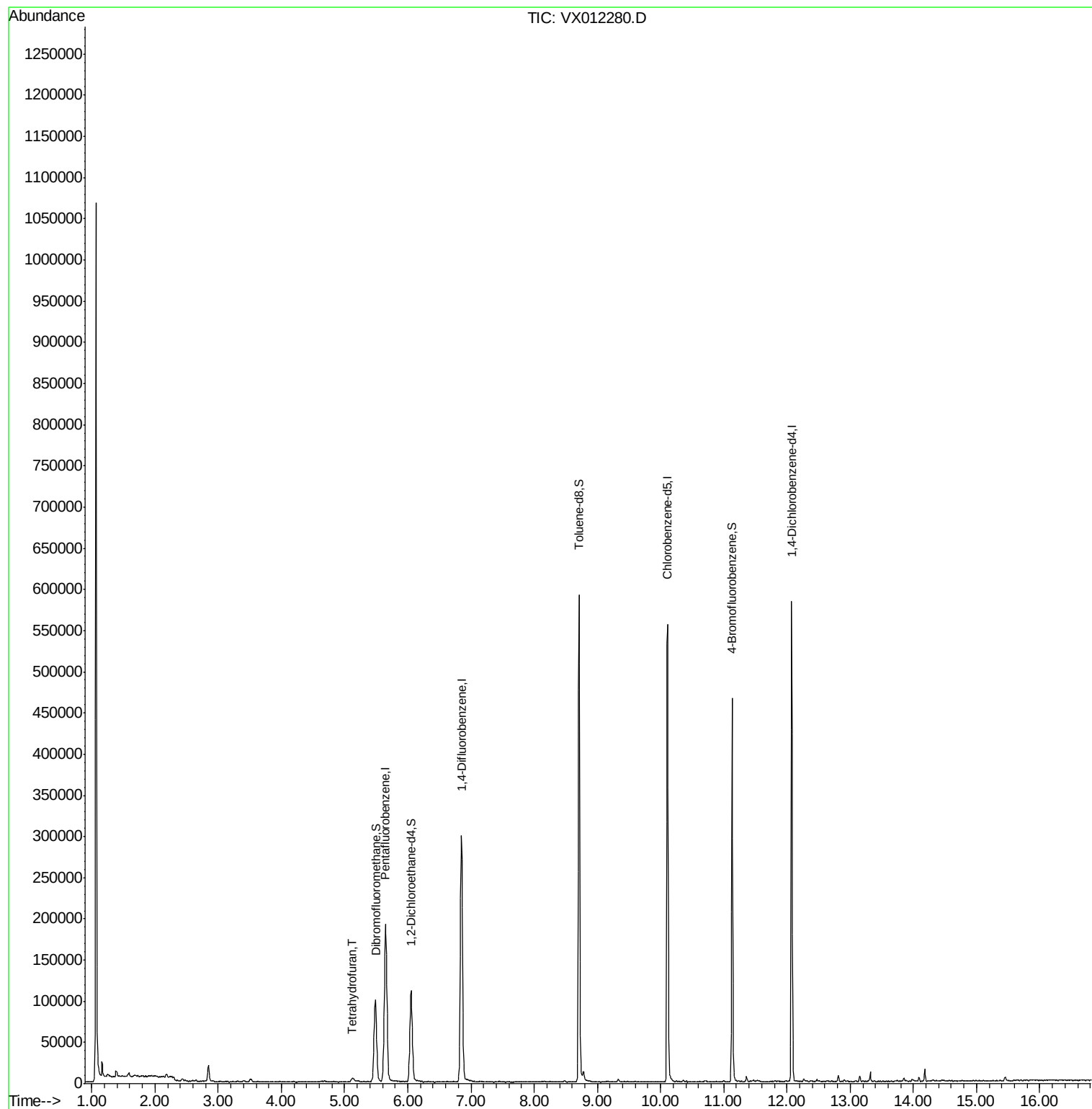
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	158981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	283274	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	102401	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	111942	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
35) Dibromofluoromethane	5.48	113	84911	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
50) Toluene-d8	8.71	98	335687	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
62) 4-Bromofluorobenzene	11.13	95	127764	43.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.54%	
Target Compounds						
29) Tetrahydrofuran	5.12	42	4643	12.651	ug/l	Qvalue 97

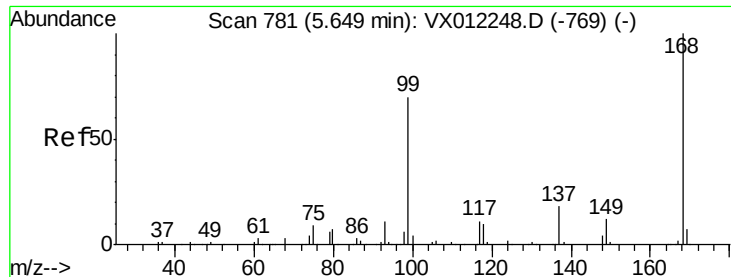
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: VX012280.D

Acq: 11 Sep 2019 03:36

Instrument :

MSVOA_X

ClientSampleId :

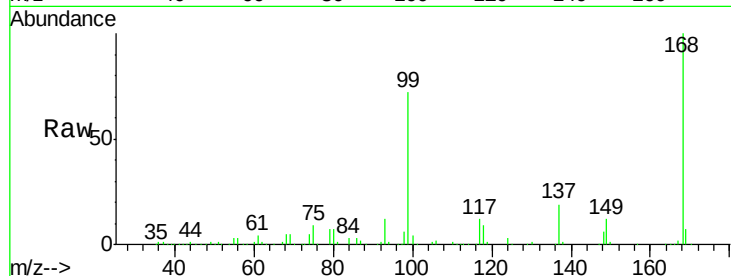
T11-B1-(4)

Tot Ion:168 Resp: 158981

Ion Ratio Lower Upper

168 100

99 71.9 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

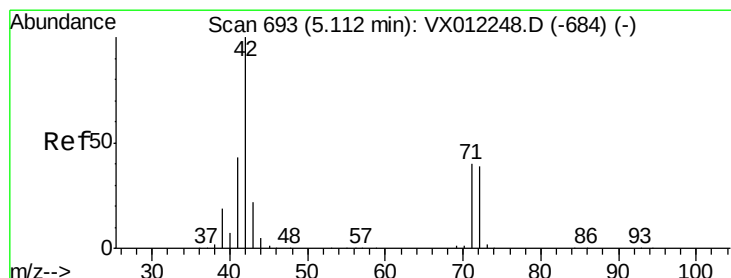
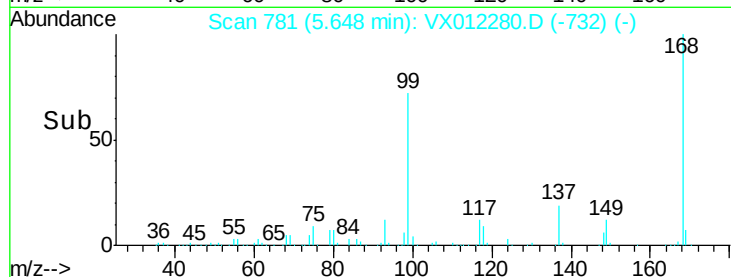
30000

20000

10000

0

Time--> 5.50 5.60 5.70



#29

Tetrahydrofuran

Concen: 12.651 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX012280.D

Acq: 11 Sep 2019 03:36

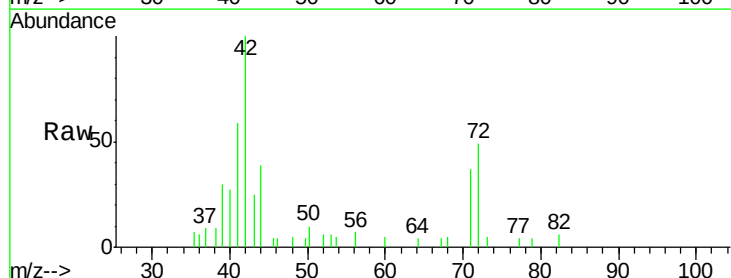
Tgt Ion: 42 Resp: 4643

Ion Ratio Lower Upper

42 100

72 42.1 35.2 52.8

71 38.3 32.5 48.7



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

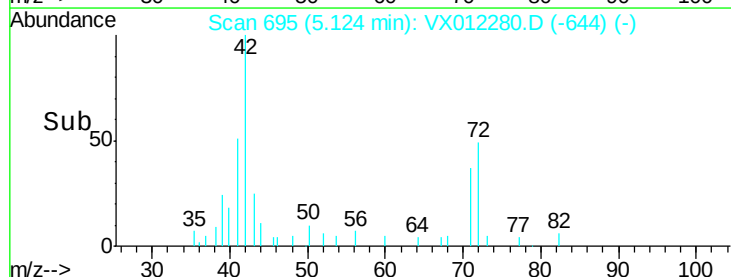
1500

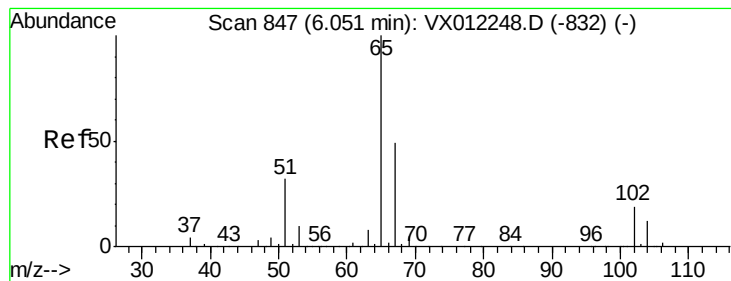
1000

500

0

Time--> 5.05 5.10 5.15 5.20





#33

1,2-Dichloroethane-d4

Concen: 49.803 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012280.D

Acq: 11 Sep 2019 03:36

Instrument :

MSVOA_X

ClientSampleId :

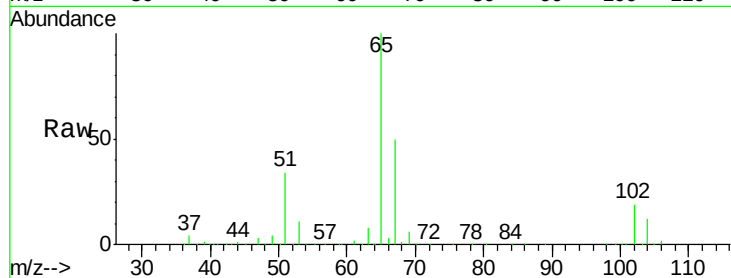
T11-B1-(4)

Tot Ion: 65 Resp: 111942

Ion Ratio Lower Upper

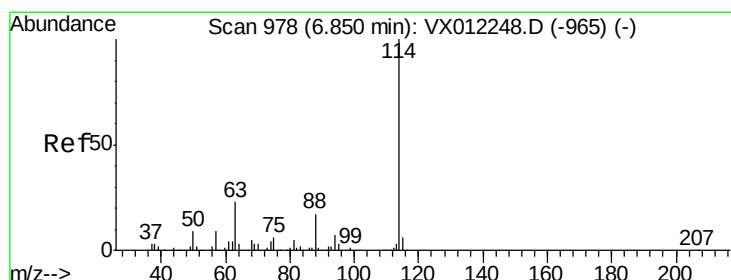
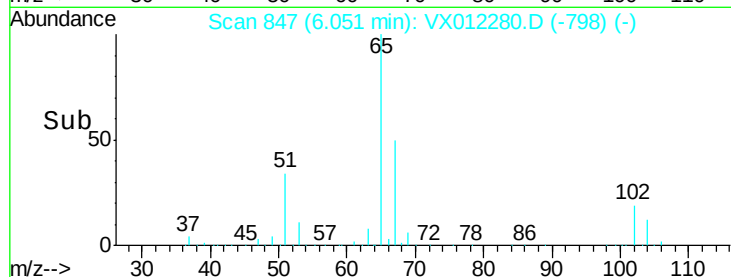
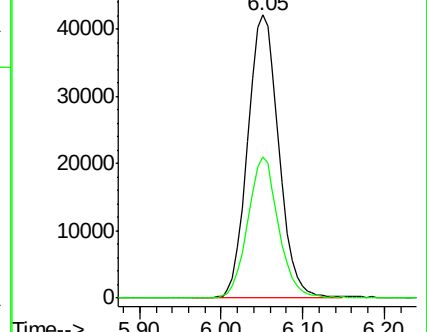
65 100

67 48.9 0.0 99.8



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: VX012280.D

Acq: 11 Sep 2019 03:36

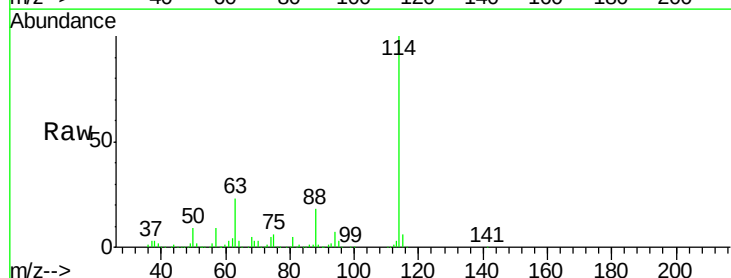
Tgt Ion: 114 Resp: 283274

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.2

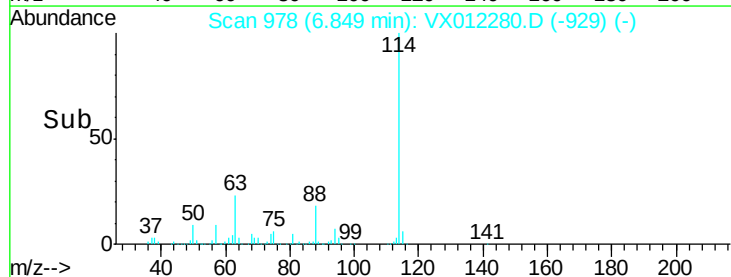
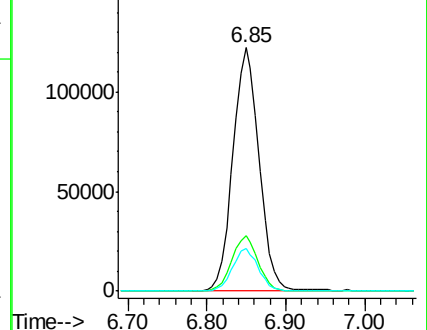
88 17.7 0.0 34.8

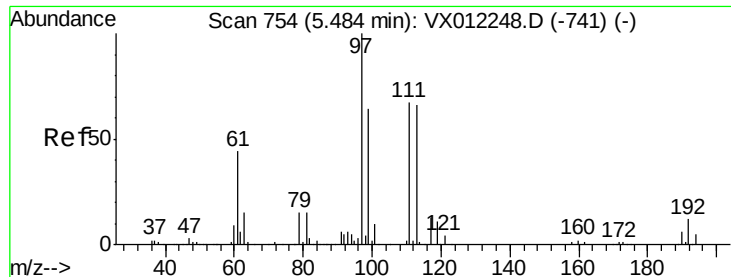


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.759 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012280.D

Acq: 11 Sep 2019 03:36

Instrument :

MSVOA_X

ClientSampleId :

T11-B1-(4)

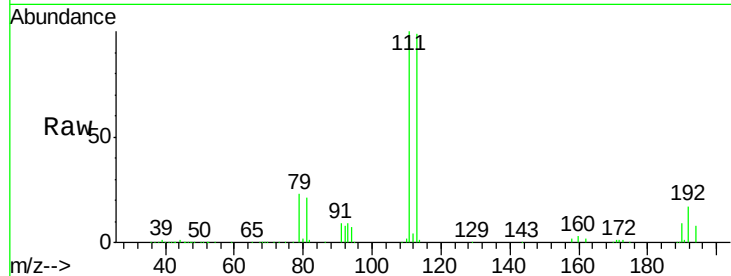
Tot Ion:113 Resp: 84911

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.6

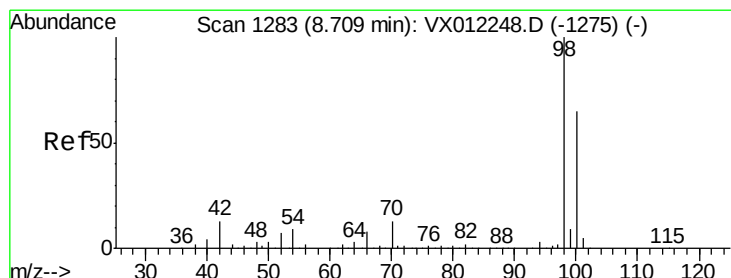
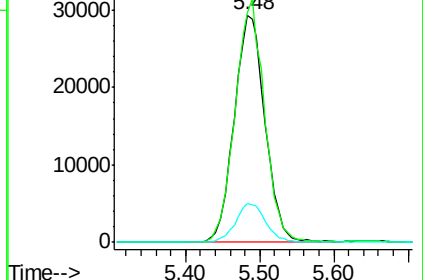
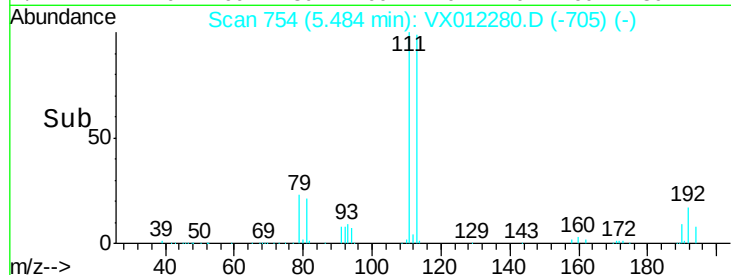
192 16.8 14.3 21.5



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: 52.706 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012280.D

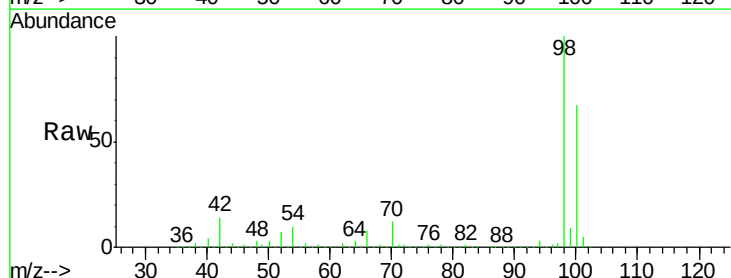
Acq: 11 Sep 2019 03:36

Tgt Ion: 98 Resp: 335687

Ion Ratio Lower Upper

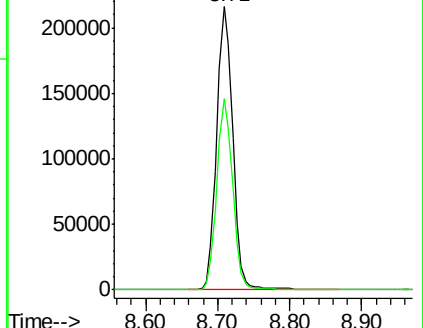
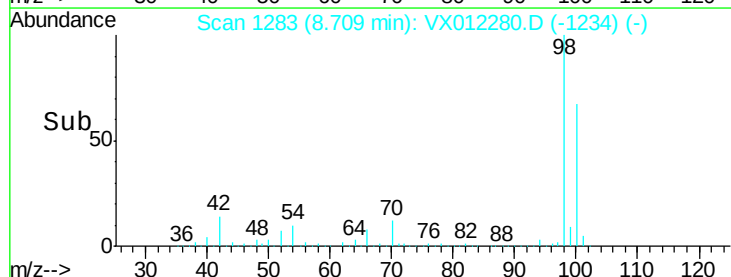
98 100

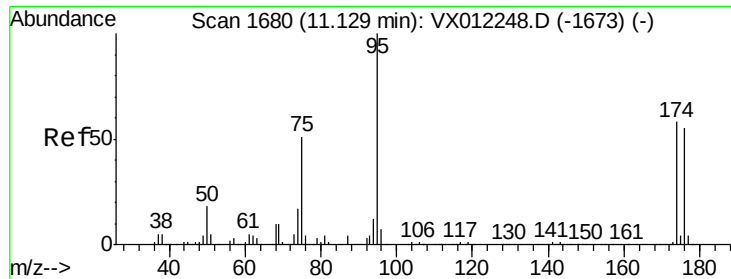
100 66.9 54.1 81.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

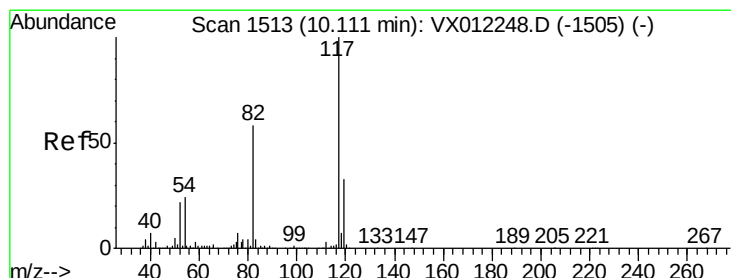
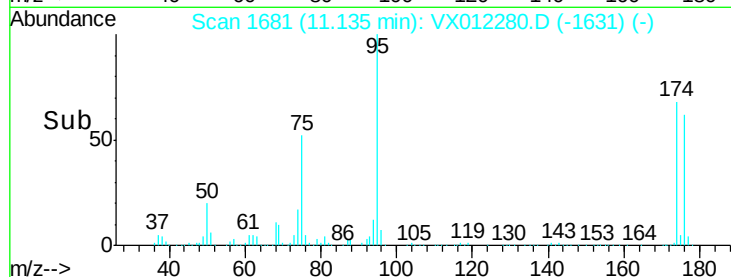
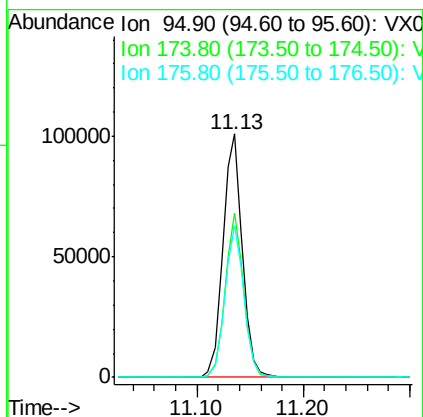
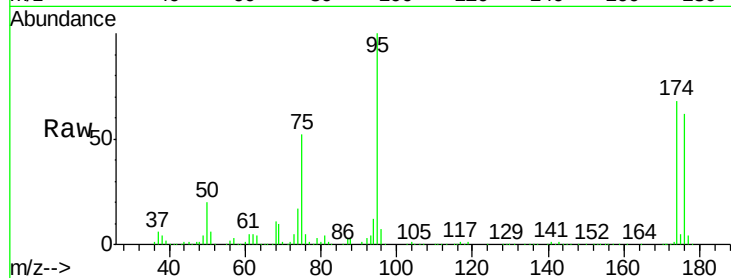




#62
4-Bromofluorobenzene
Concen: 43.270 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012280.D
Acq: 11 Sep 2019 03:36

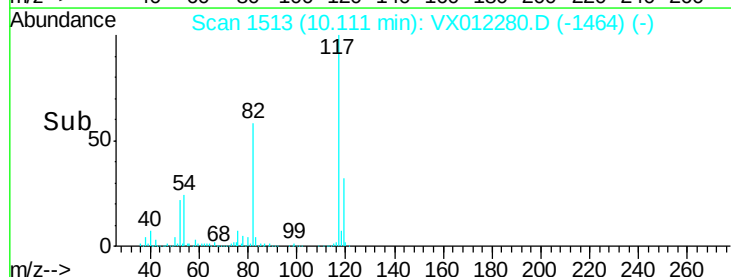
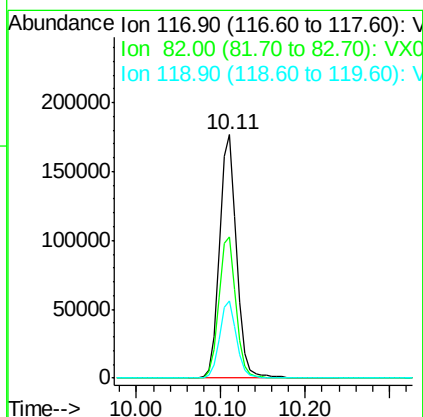
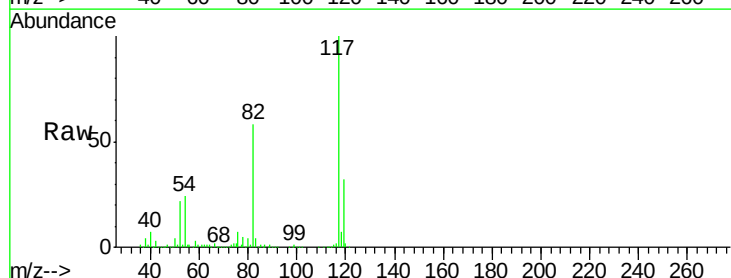
Instrument :
MSVOA_X
ClientSampled :
T11-B1-(4)

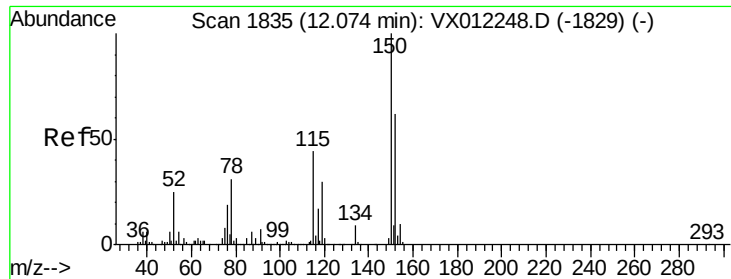
Tot Ion: 95 Resp: 127764
Ion Ratio Lower Upper
95 100
174 64.8 0.0 127.0
176 61.8 0.0 125.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012280.D
Acq: 11 Sep 2019 03:36

Tgt Ion: 117 Resp: 247627
Ion Ratio Lower Upper
117 100
82 57.8 46.4 69.6
119 31.6 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012280.D

Acq: 11 Sep 2019 03:36

Instrument :

MSVOA_X

ClientSampleId :

T11-B1-(4)

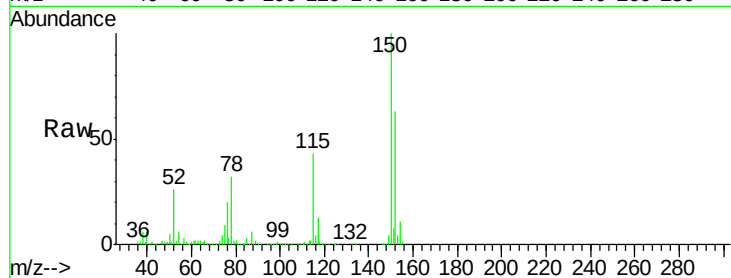
Tot Ion:152 Resp: 102401

Ion Ratio Lower Upper

152 100

115 67.7 45.5 136.4

150 159.6 0.0 346.4



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

