

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091019\
 Data File : VX012284.D
 Acq On : 11 Sep 2019 05:28
 Operator : SY/SP
 Sample : K4680-15
 Misc : 6.75g/5.0mL/MSVOA X/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-2-(1.5)

Quant Time: Sep 11 07:46:41 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

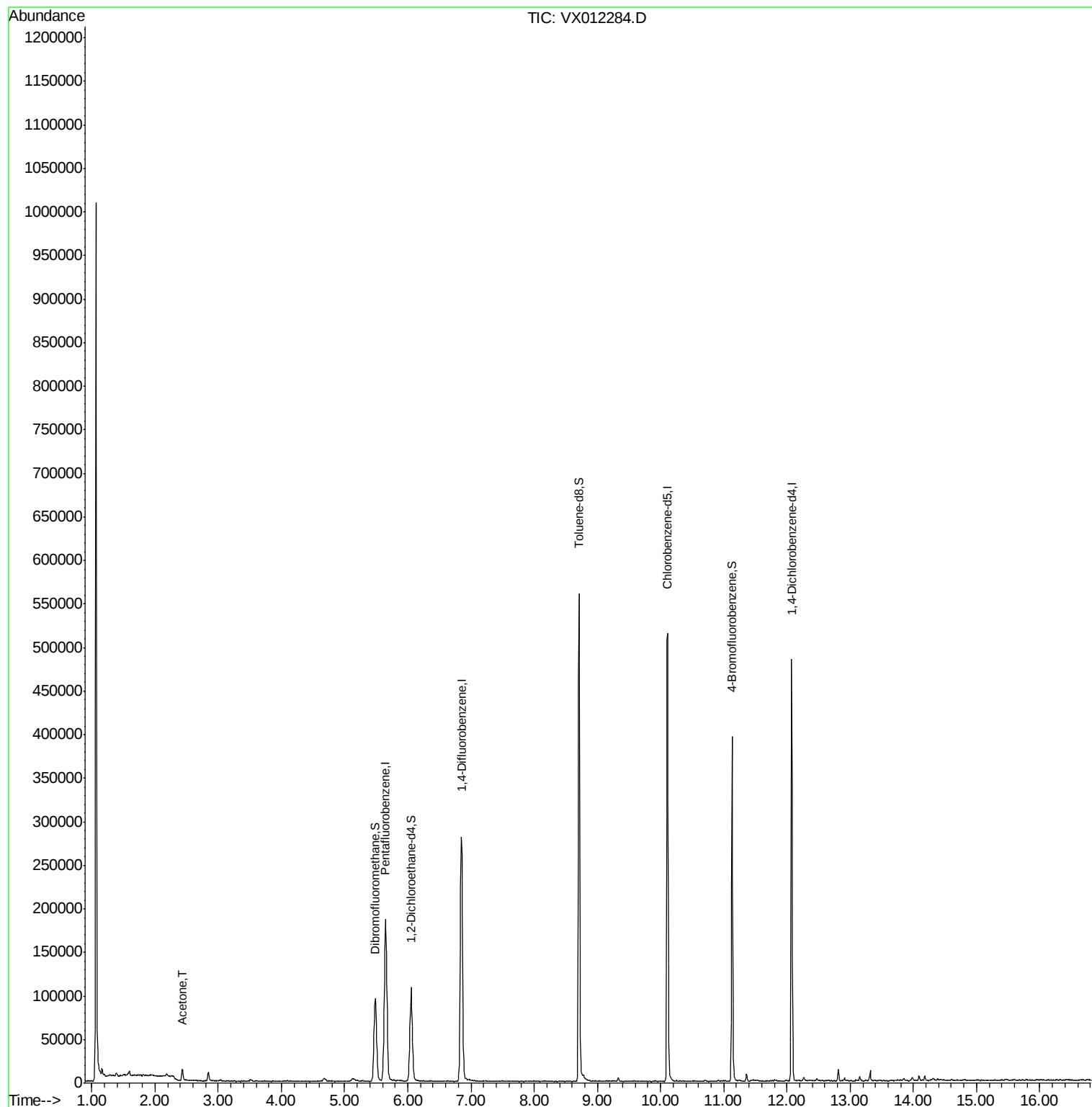
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	155691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	277066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	230670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	89454	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	108861	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
35) Dibromofluoromethane	5.49	113	81803	46.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.12%	
50) Toluene-d8	8.71	98	321689	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	11.13	95	114690	39.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.42%	
Target Compounds						
16) Acetone	2.43	43	13358	25.635	ug/l	Qvalue 96

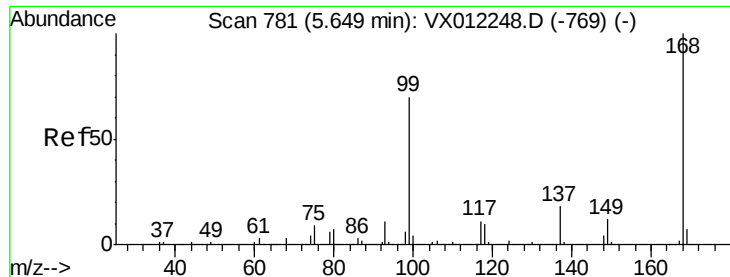
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

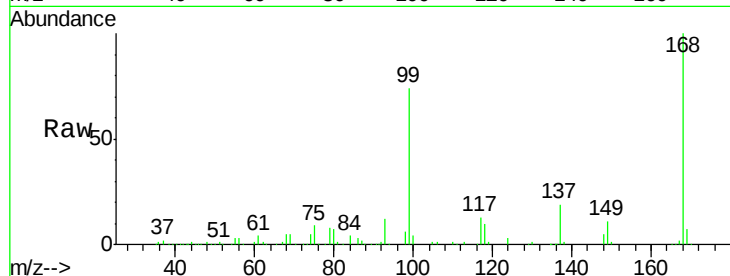
T3-2-(1.5)

Tot Ion:168 Resp: 155691

Ion Ratio Lower Upper

168 100

99 73.6 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

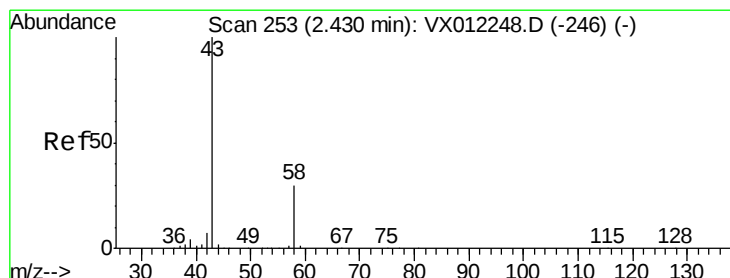
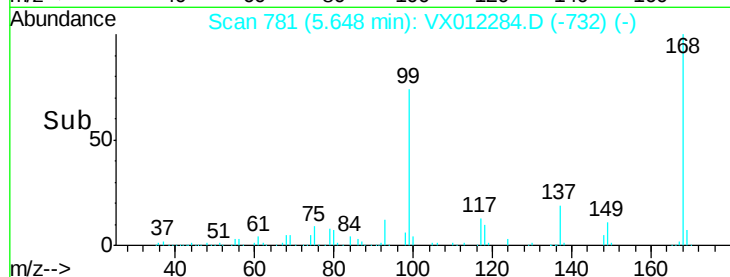
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 25.635 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012284.D

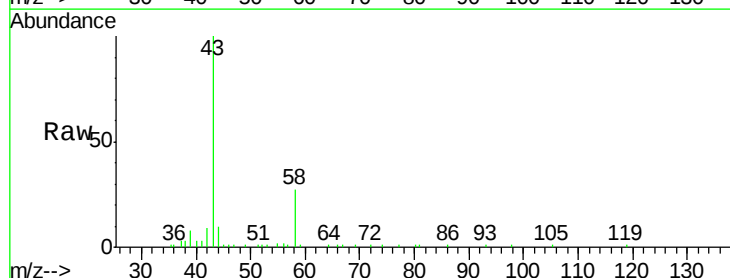
Acq: 11 Sep 2019 05:28

Tgt Ion: 43 Resp: 13358

Ion Ratio Lower Upper

43 100

58 27.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

8000

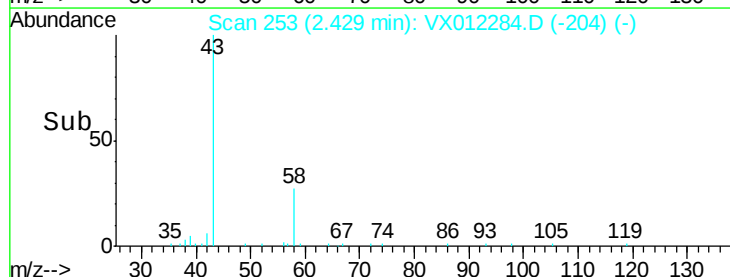
6000

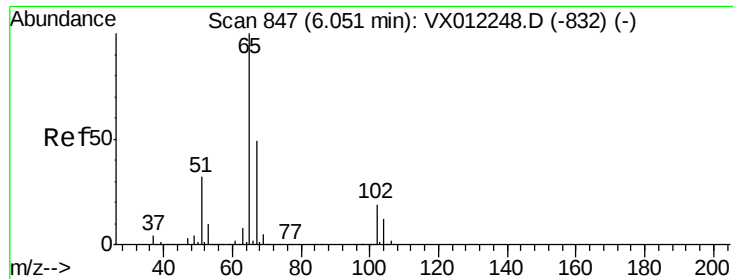
4000

2000

0

Time--> 2.35 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 49.456 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012284.D

Acq: 11 Sep 2019 05:28

Instrument :

MSVOA_X

ClientSampleId :

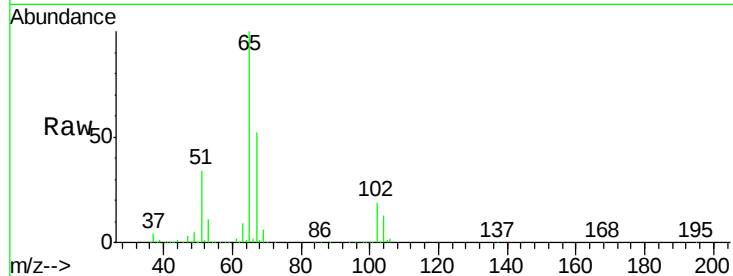
T3-2-(1.5)

Tot Ion: 65 Resp: 108861

Ion Ratio Lower Upper

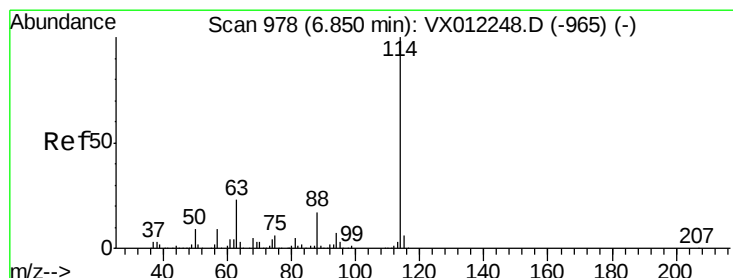
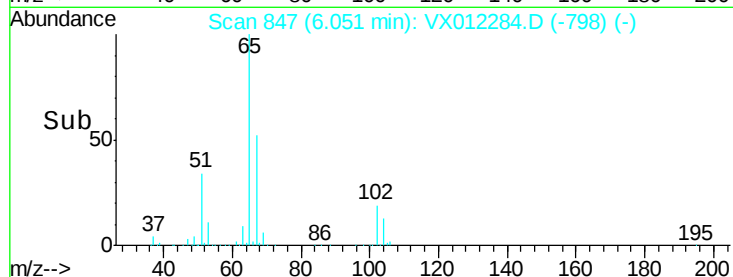
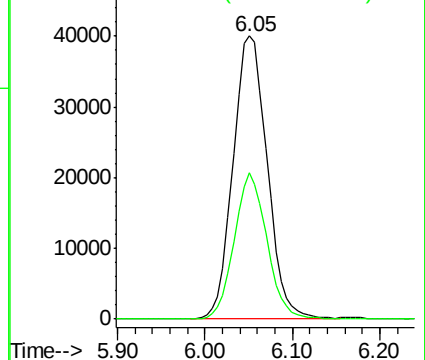
65 100

67 49.1 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: VX012284.D

Acq: 11 Sep 2019 05:28

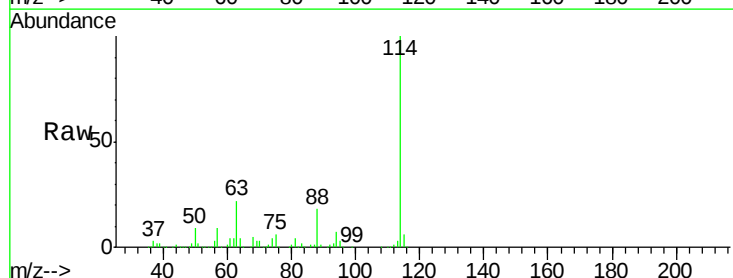
Tgt Ion: 114 Resp: 277066

Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.2

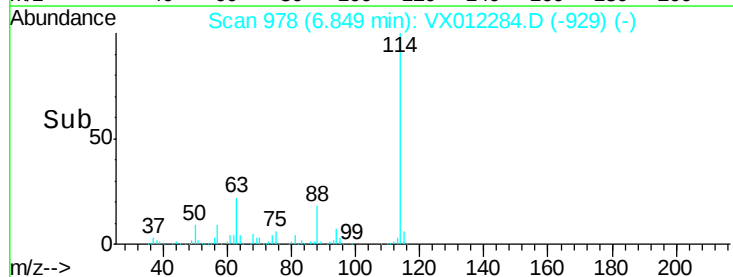
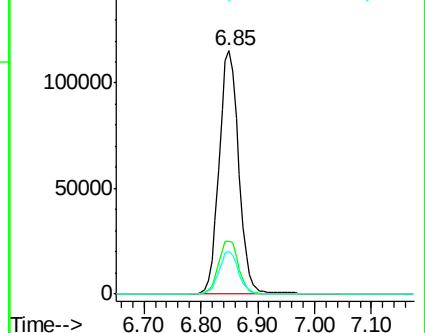
88 17.7 0.0 34.8

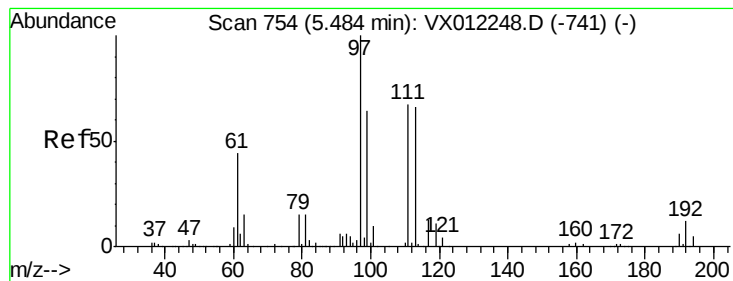


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.057 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX012284.D

Acq: 11 Sep 2019 05:28

Instrument :

MSVOA_X

ClientSampleId :

T3-2-(1.5)

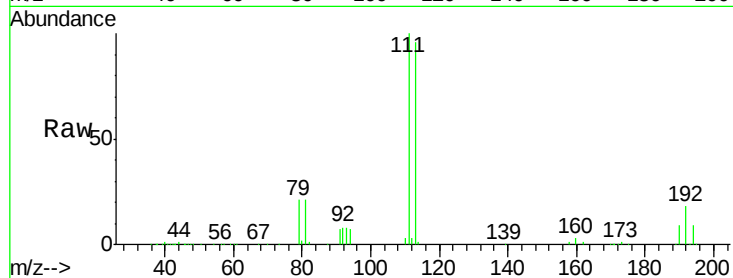
Tot Ion:113 Resp: 81803

Ion Ratio Lower Upper

113 100

111 100.7 83.0 124.6

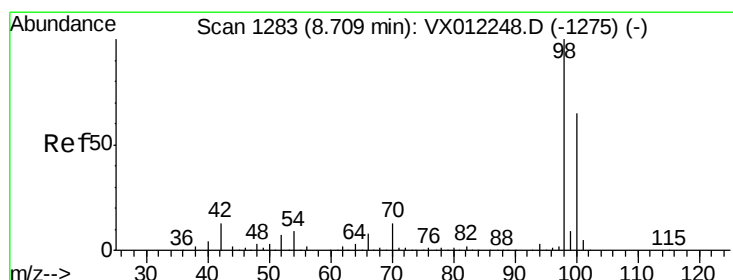
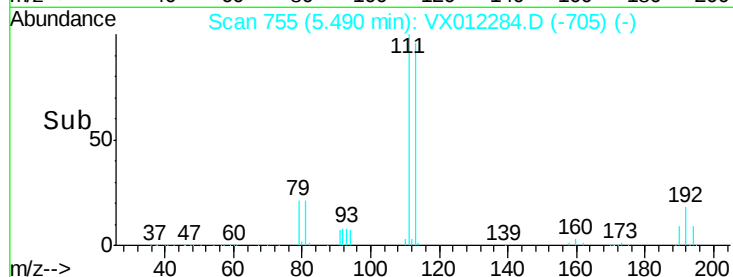
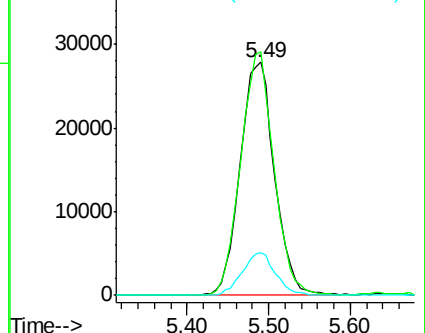
192 17.6 14.3 21.5



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: 51.640 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012284.D

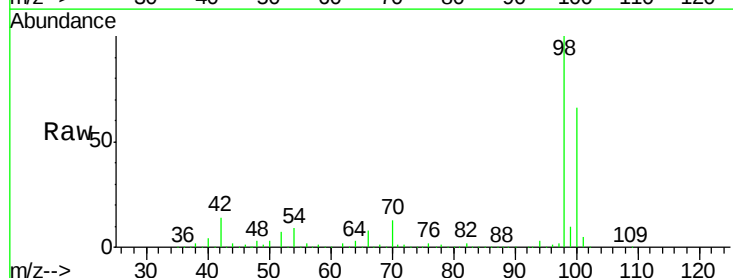
Acq: 11 Sep 2019 05:28

Tgt Ion: 98 Resp: 321689

Ion Ratio Lower Upper

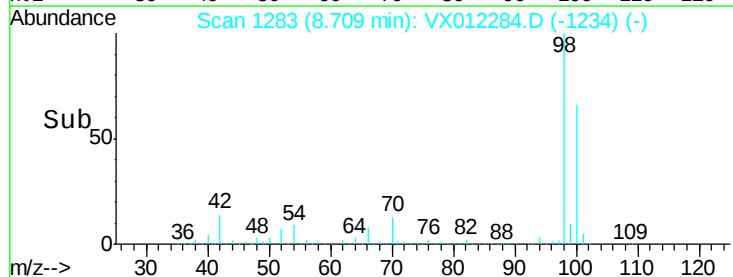
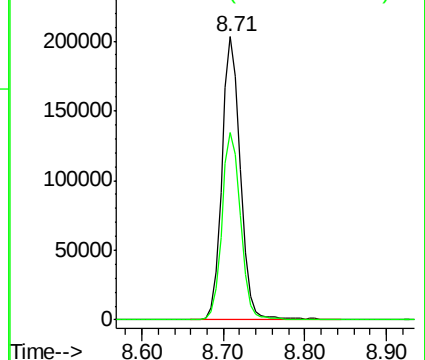
98 100

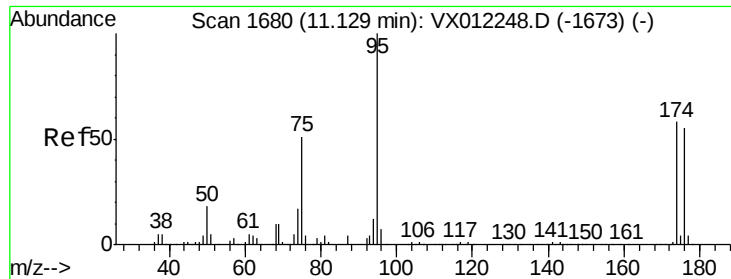
100 67.2 54.1 81.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

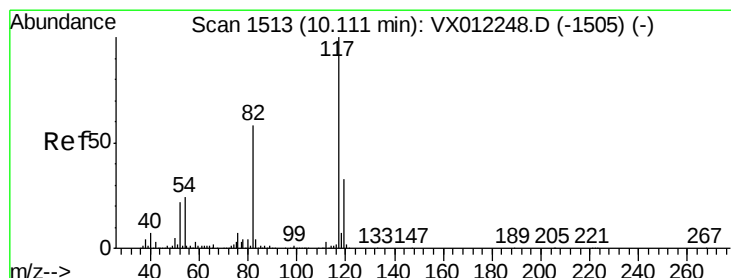
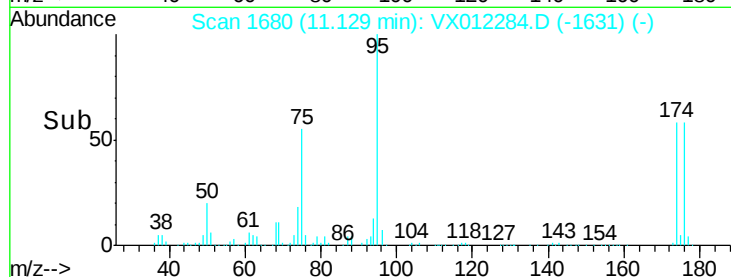
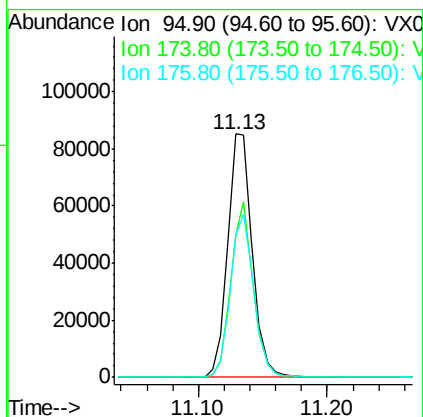
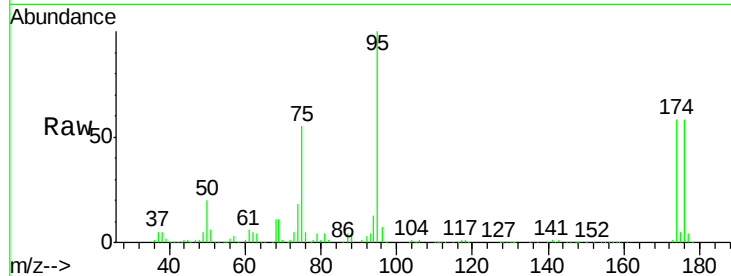




#62
4-Bromofluorobenzene
Concen: 39.713 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX012284.D
Acq: 11 Sep 2019 05:28

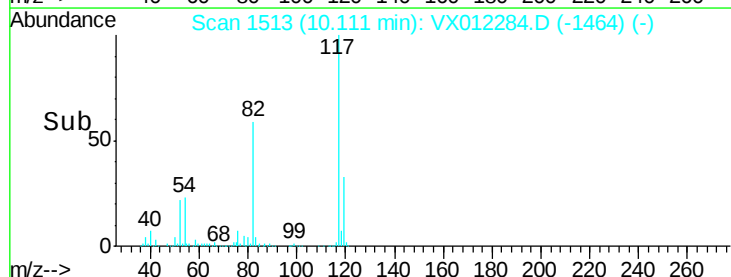
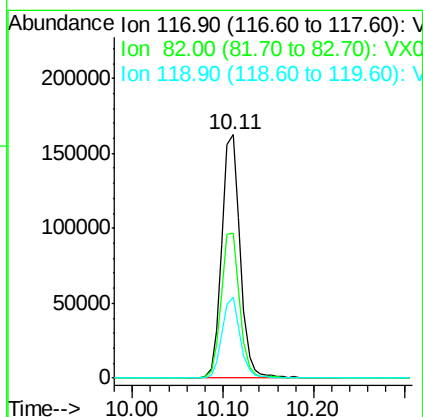
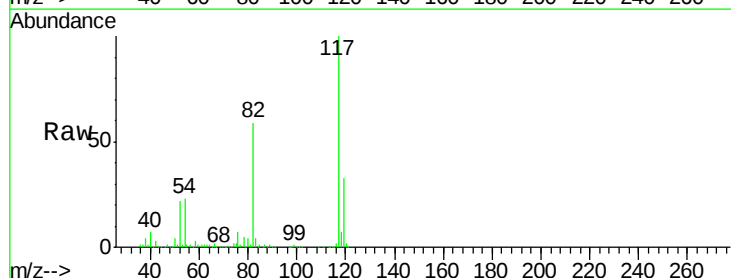
Instrument :
MSVOA_X
ClientSampled :
T3-2-(1.5)

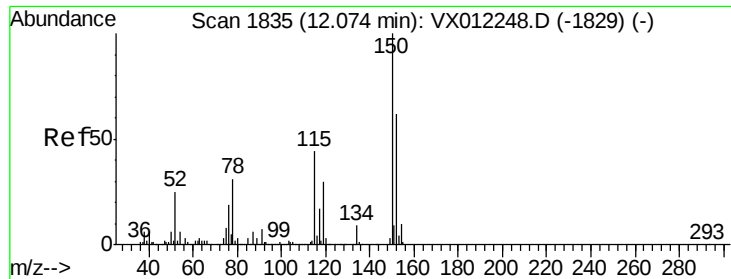
Tot Ion: 95 Resp: 114690
Ion Ratio Lower Upper
95 100
174 65.4 0.0 127.0
176 63.9 0.0 125.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012284.D
Acq: 11 Sep 2019 05:28

Tgt Ion: 117 Resp: 230670
Ion Ratio Lower Upper
117 100
82 59.3 46.4 69.6
119 33.5 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: VX012284.D

Acq: 11 Sep 2019 05:28

Instrument :

MSVOA_X

ClientSampleId :

T3-2-(1.5)

Tot Ion:152 Resp: 89454

Ion Ratio Lower Upper

152 100

115 65.3 45.5 136.4

150 156.1 0.0 346.4

