

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091319\
 Data File : VX012386.D
 Acq On : 13 Sep 2019 14:57
 Operator : SY/SP
 Sample : K4695-07
 Misc : 3.37g/5.0mL/MSVOA X/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T5-1-(0)

Quant Time: Sep 14 00:26:18 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	144748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	244843	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	202737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	72810	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	95495	46.66	ug/l	0.00
Spiked Amount						
			Recovery	=	93.32%	
35) Dibromofluoromethane	5.48	113	72063	45.91	ug/l	0.00
Spiked Amount						
			Recovery	=	91.82%	
50) Toluene-d8	8.71	98	287820	52.28	ug/l	0.00
Spiked Amount						
			Recovery	=	104.56%	
62) 4-Bromofluorobenzene	11.14	95	95291	37.34	ug/l	0.00
Spiked Amount						
			Recovery	=	74.68%	

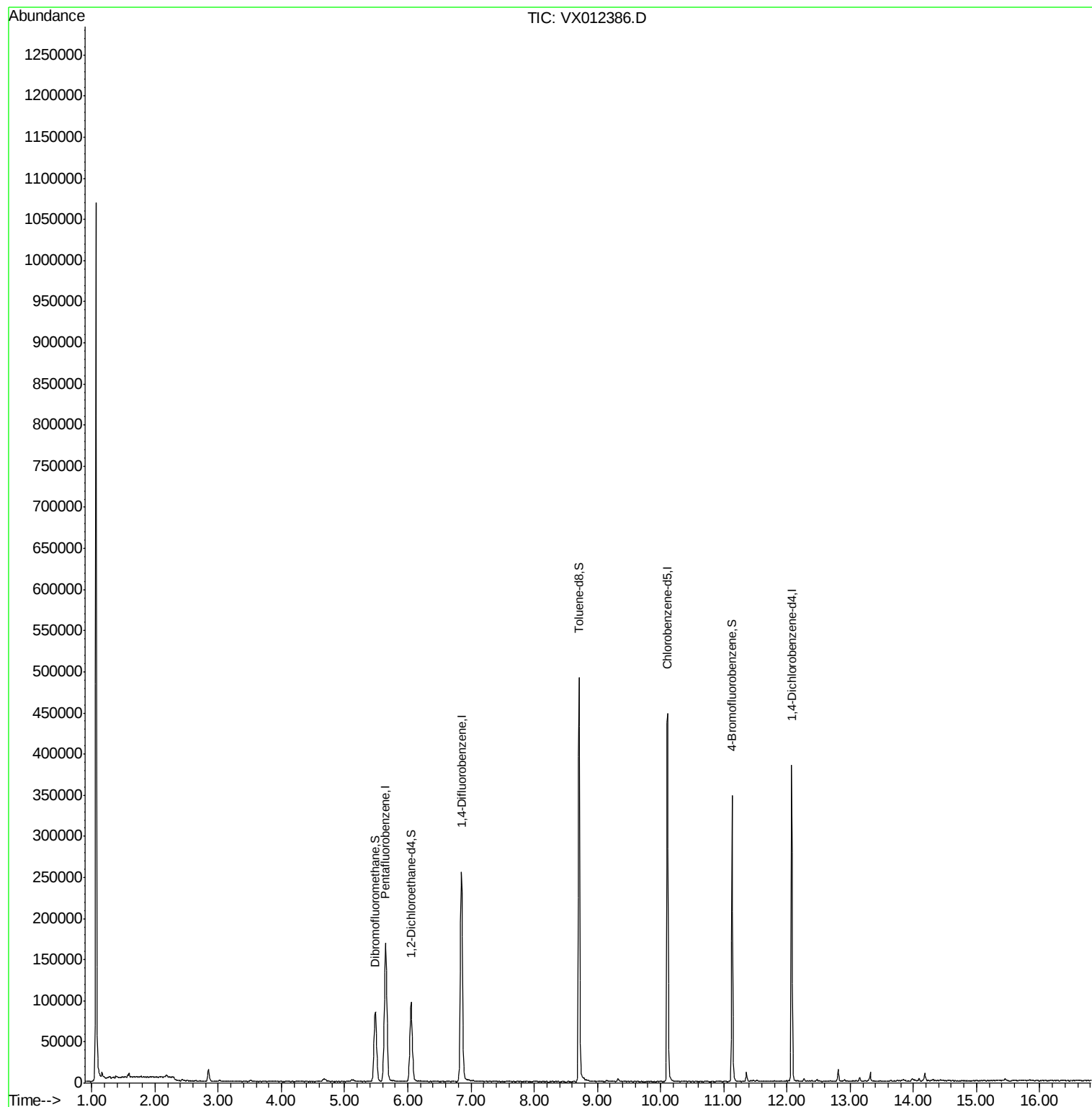
Target Compounds	Qvalue

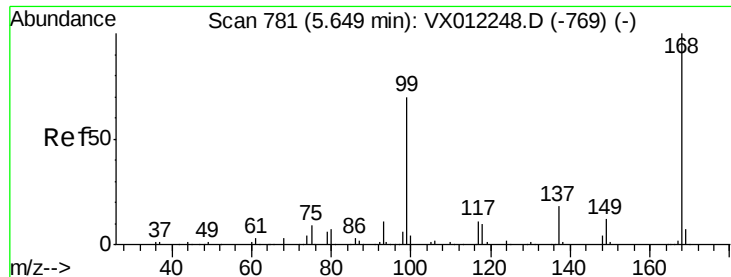
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 14 00:26:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012386.D

Acq: 13 Sep 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

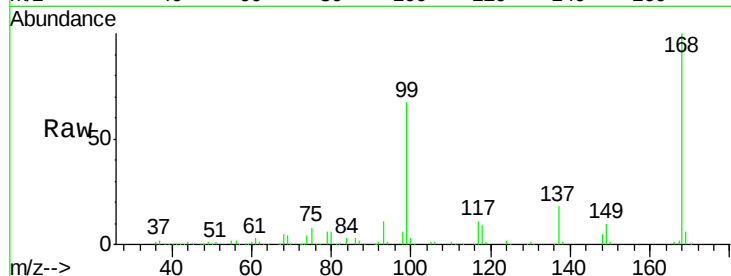
T5-1-(0)

Tot Ion:168 Resp: 144748

Ion Ratio Lower Upper

168 100

99 67.3 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

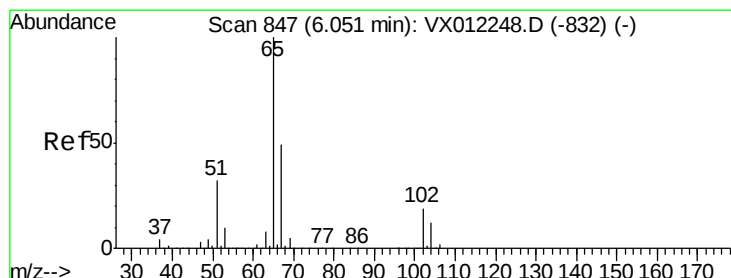
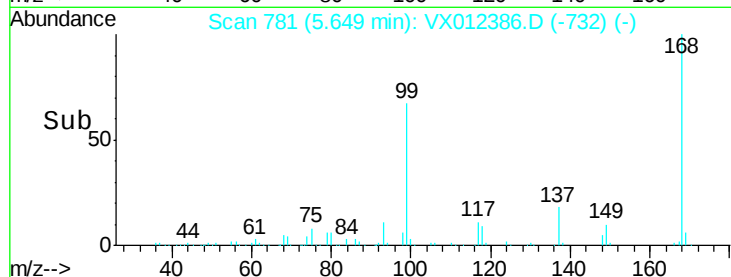
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.664 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012386.D

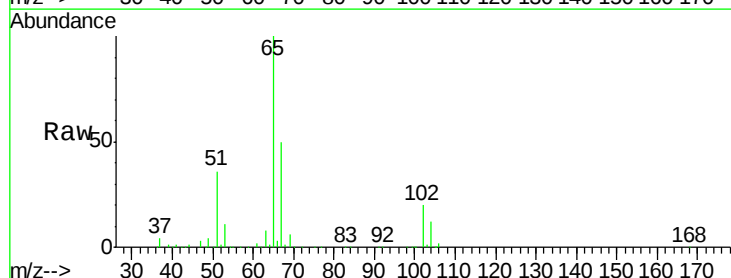
Acq: 13 Sep 2019 14:57

Tgt Ion: 65 Resp: 95495

Ion Ratio Lower Upper

65 100

67 49.5 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

40000

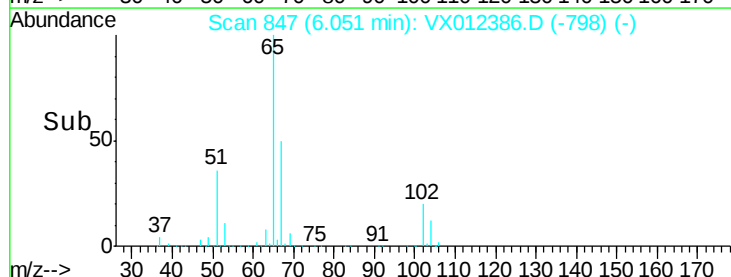
30000

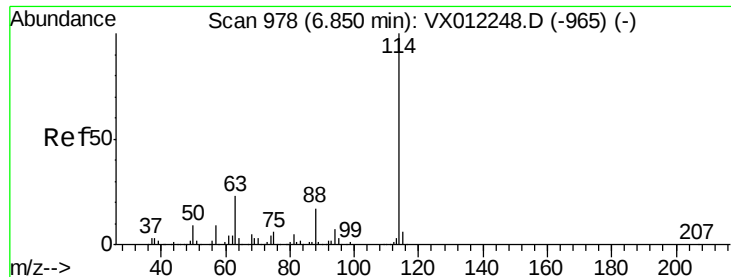
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

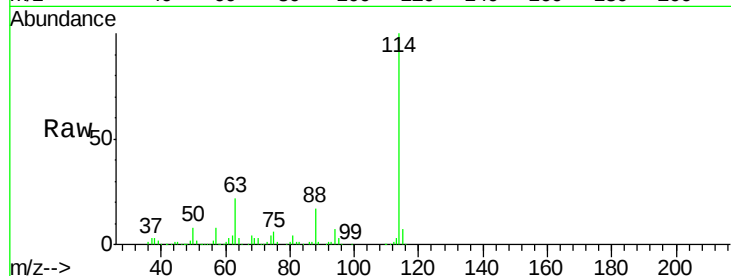




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012386.D
 Acq: 13 Sep 2019 14:57

Instrument :
 MSVOA_X
 ClientSampled :
 T5-1-(0)

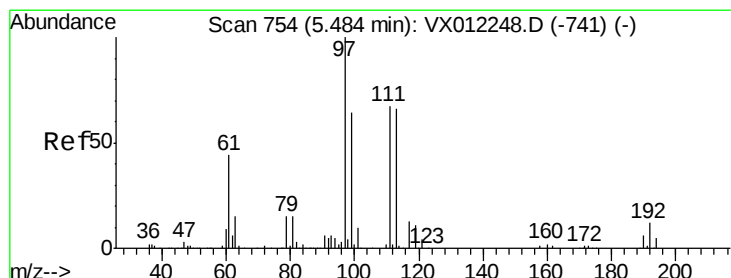
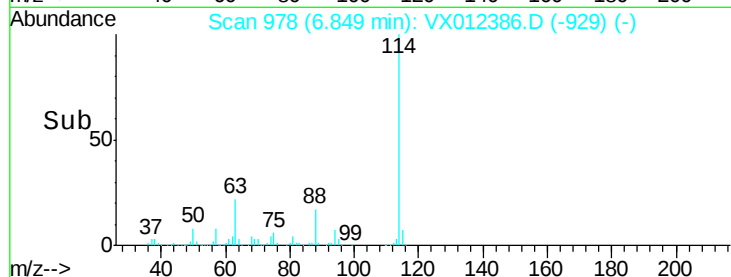
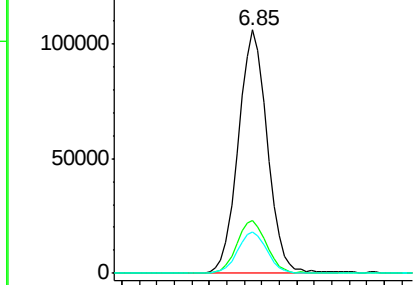
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	45.2
88	17.0	0.0	34.8



Abundance Ion 113.90 (113.60 to 114.60): V

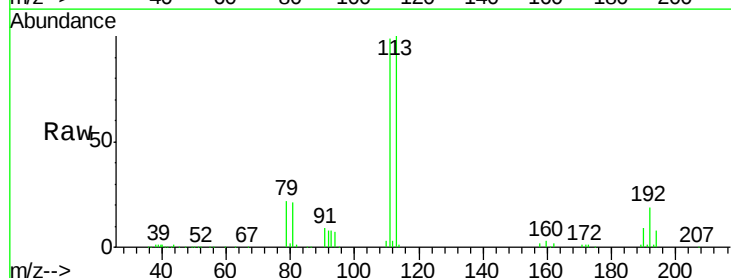
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35
 Dibromofluoromethane
 Concen: 45.913 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012386.D
 Acq: 13 Sep 2019 14:57

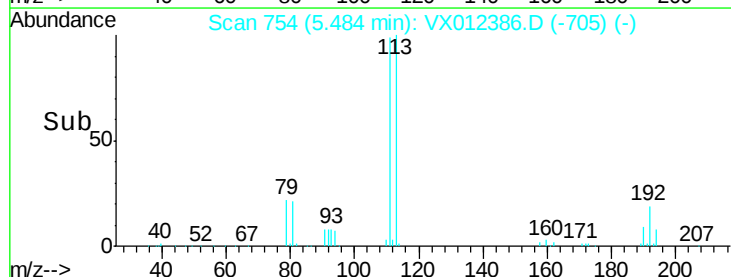
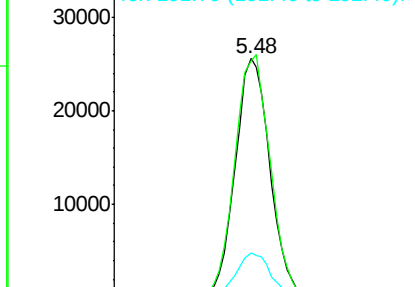
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.0	124.6
192	18.9	14.3	21.5

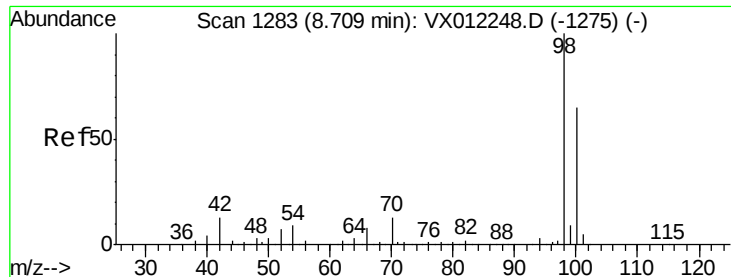


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

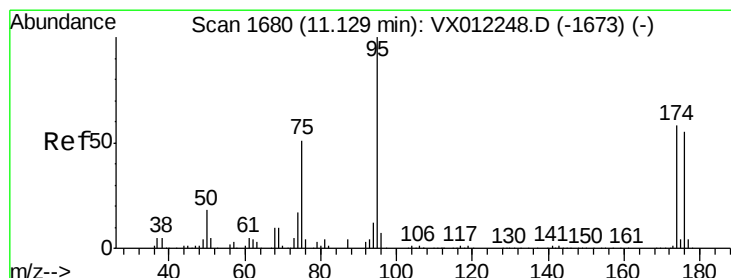
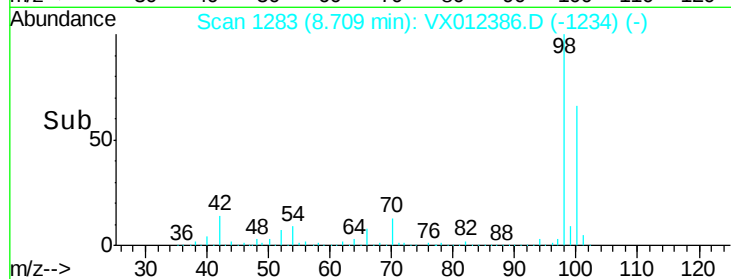
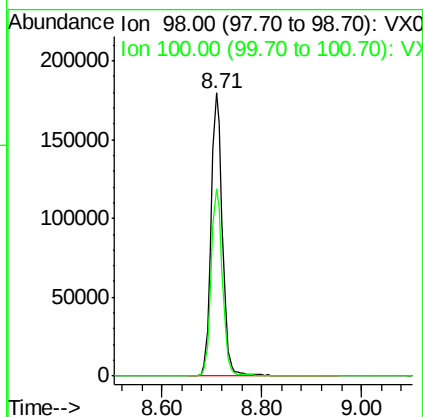
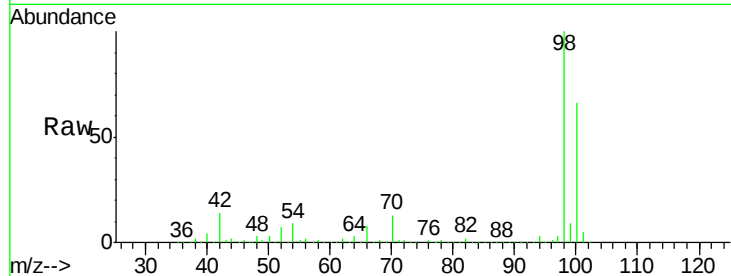




#50
Toluene-d8
Concen: 52.284 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012386.D
Acq: 13 Sep 2019 14:57

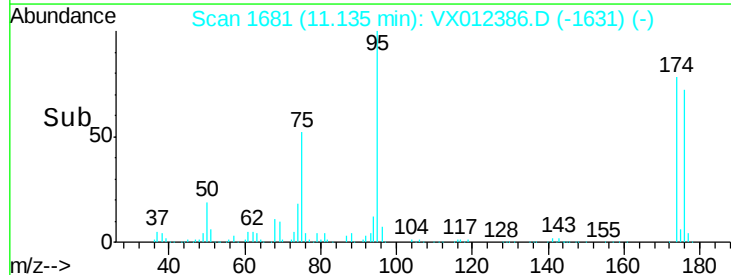
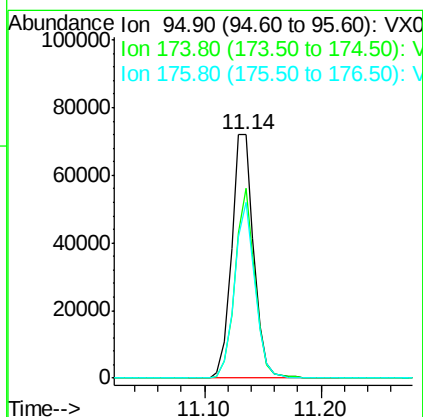
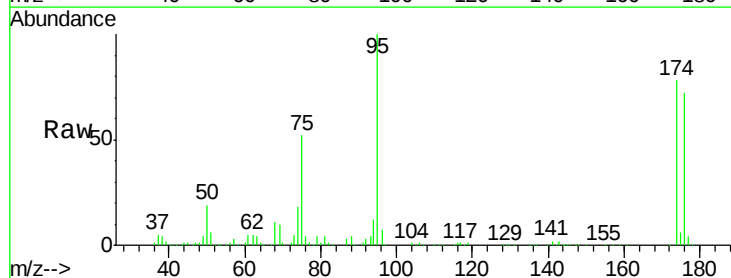
Instrument :
MSVOA_X
ClientSampleId :
T5-1-(0)

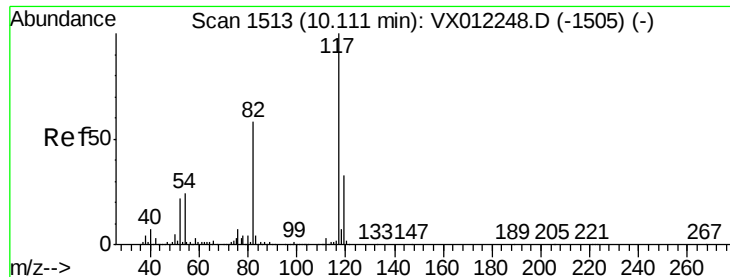
Tot Ion: 98 Resp: 287820
Ion Ratio Lower Upper
98 100
100 66.5 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 37.338 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012386.D
Acq: 13 Sep 2019 14:57

Tgt Ion: 95 Resp: 95291
Ion Ratio Lower Upper
95 100
174 69.6 0.0 127.0
176 67.1 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: VX012386.D

Acq: 13 Sep 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

T5-1-(0)

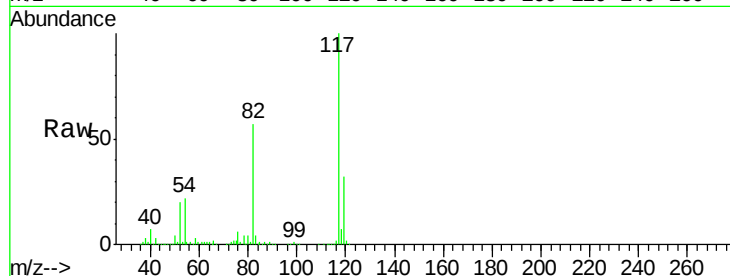
Tot Ion:117 Resp: 202737

Ion Ratio Lower Upper

117 100

82 57.1 46.4 69.6

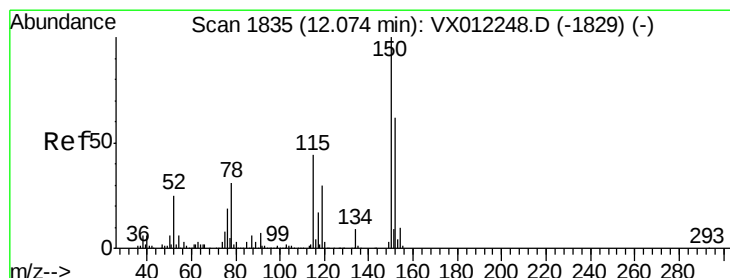
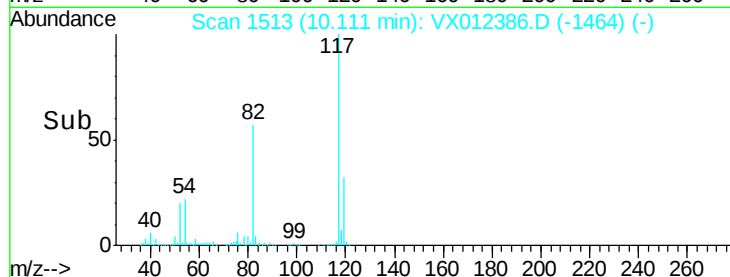
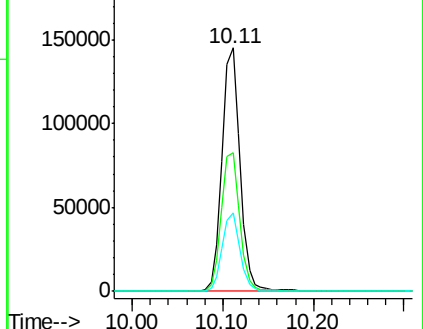
119 32.2 26.6 39.8



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: VX012386.D

Acq: 13 Sep 2019 14:57

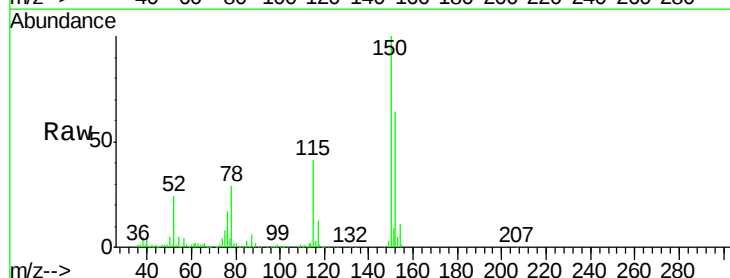
Tgt Ion:152 Resp: 72810

Ion Ratio Lower Upper

152 100

115 62.9 45.5 136.4

150 155.7 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

