

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010320\
 Data File : VX014397.D
 Acq On : 03 Jan 2020 13:54
 Operator : JC/SP
 Sample : K6482-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB

Quant Time: Jan 06 09:56:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	556237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	844729	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	748374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	323950	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	301654	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
35) Dibromofluoromethane	5.49	113	249821	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
50) Toluene-d8	8.71	98	1002271	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.13	95	325933	44.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.20%	

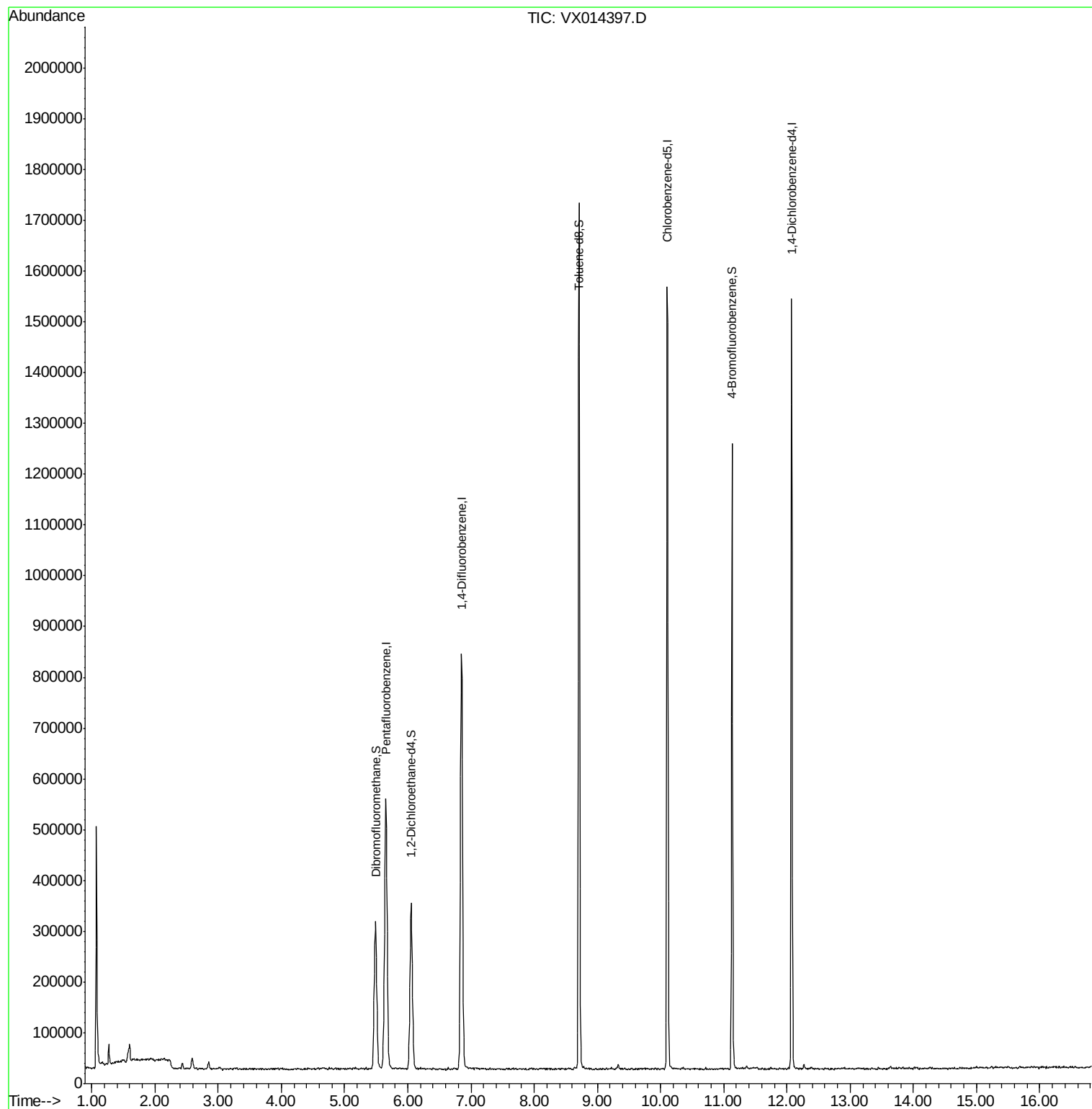
Target Compounds	Qvalue

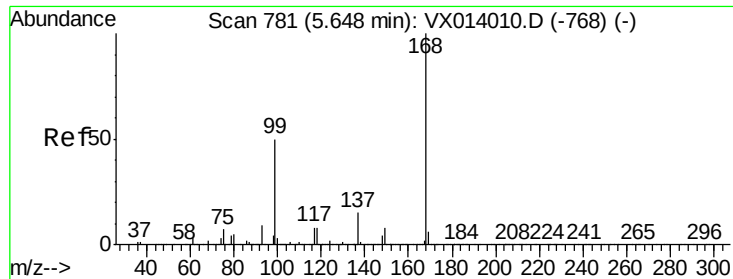
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 17 03:01:07 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014397.D

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Instrument :

MSVOA_X

ClientSampled :

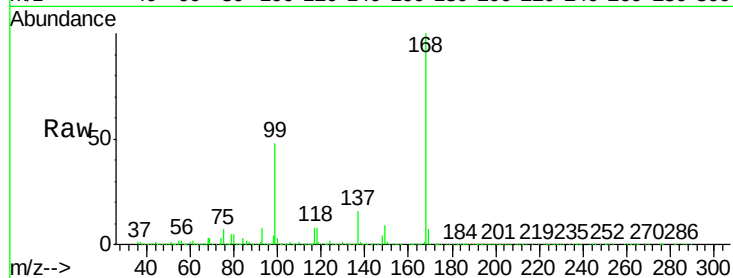
FB

Tgt Ion:168 Resp: 556237

Ion Ratio Lower Upper

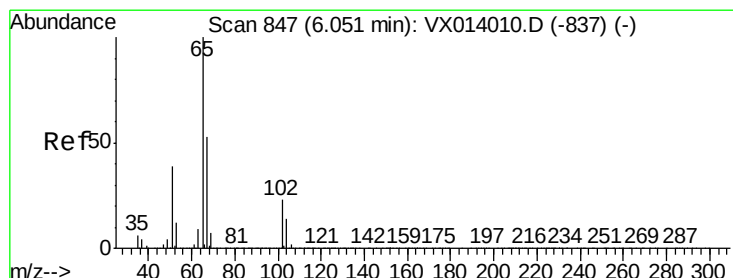
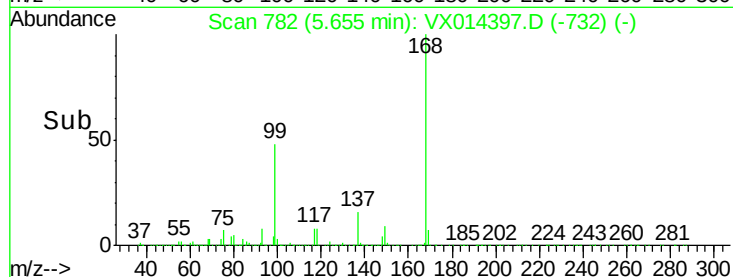
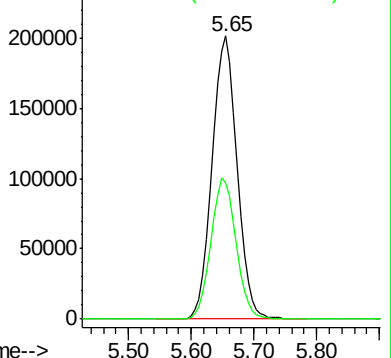
168 100

99 47.9 40.3 60.5



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: 47.850 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014397.D

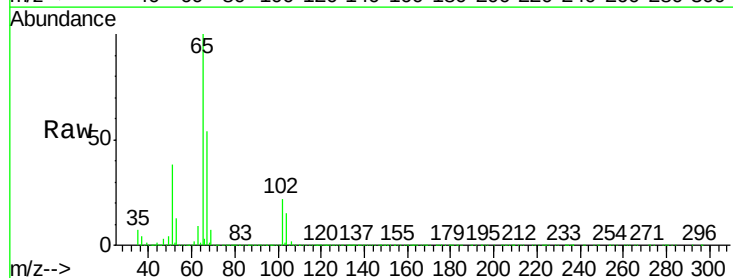
Acq: 03 Jan 2020 13:54

Tgt Ion: 65 Resp: 301654

Ion Ratio Lower Upper

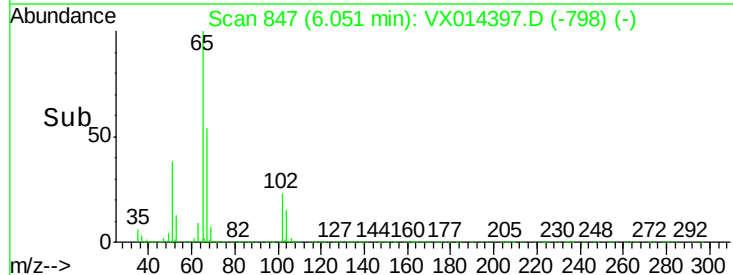
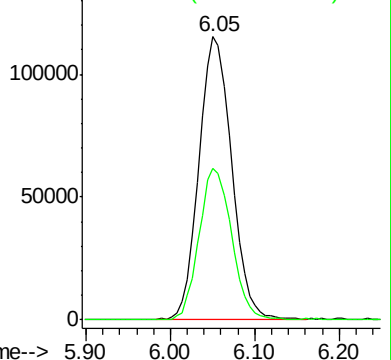
65 100

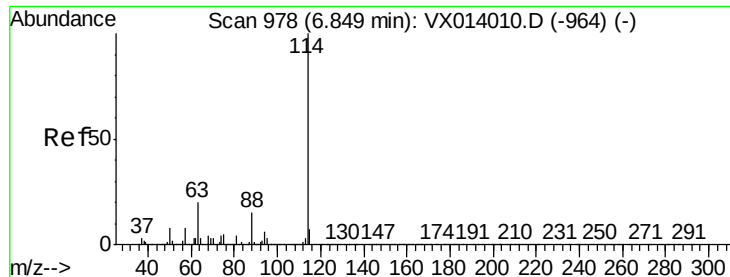
67 53.3 0.0 106.4



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: VX014397.D

Acq: 03 Jan 2020 13:54

Instrument :

MSVOA_X

ClientSampleId :

FB

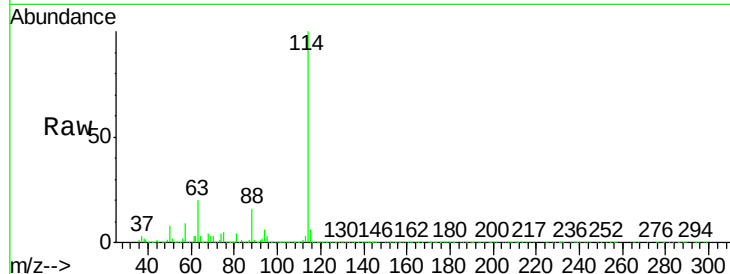
Tgt Ion:114 Resp: 844729

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

88 16.4 0.0 30.4



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

500000

400000

300000

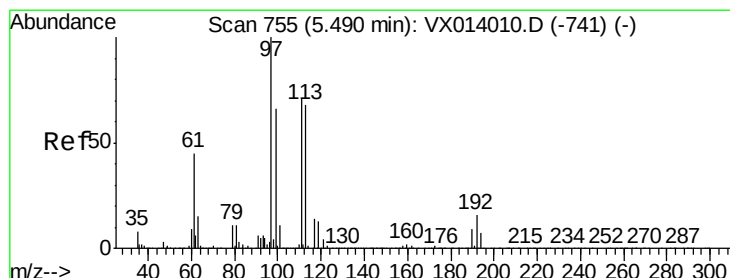
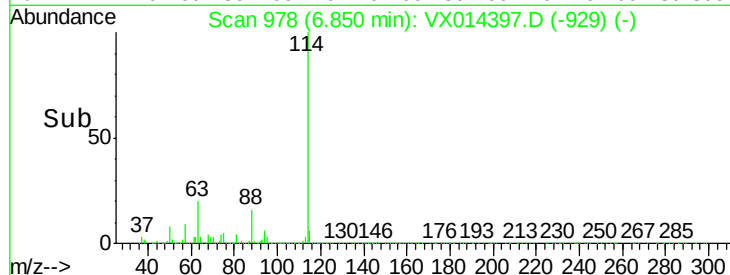
200000

100000

0

6.70 6.80 6.90 7.00 7.10

Time-->



#35

Dibromofluoromethane

Concen: 48.650 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014397.D

Acq: 03 Jan 2020 13:54

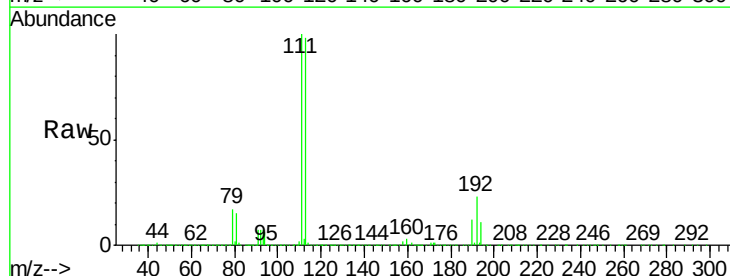
Tgt Ion:113 Resp: 249821

Ion Ratio Lower Upper

113 100

111 101.7 82.0 123.0

192 23.3 19.3 28.9



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

120000

100000

80000

60000

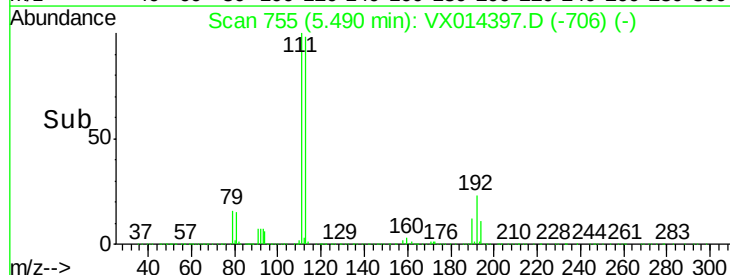
40000

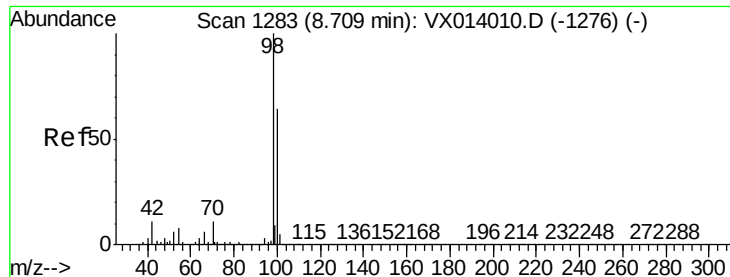
20000

0

5.30 5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 50.134 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014397.D

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Instrument :

MSVOA_X

ClientSampleId :

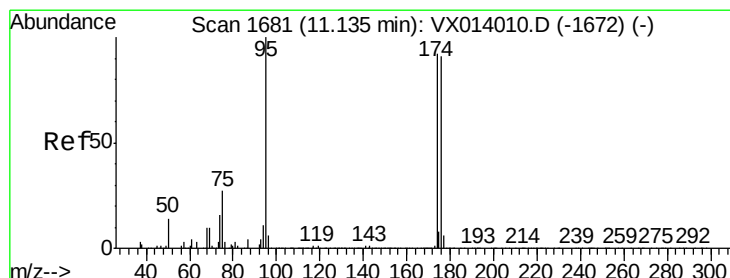
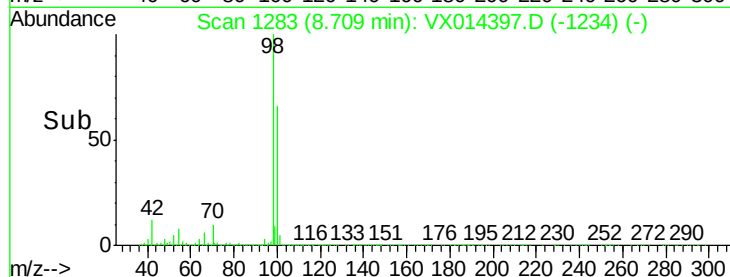
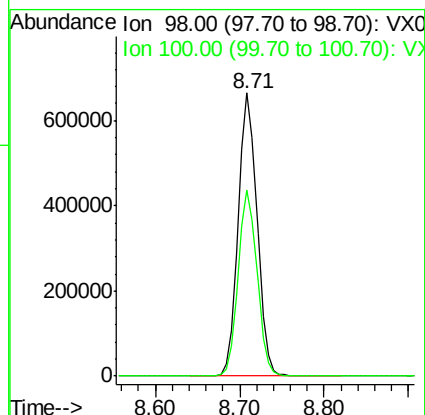
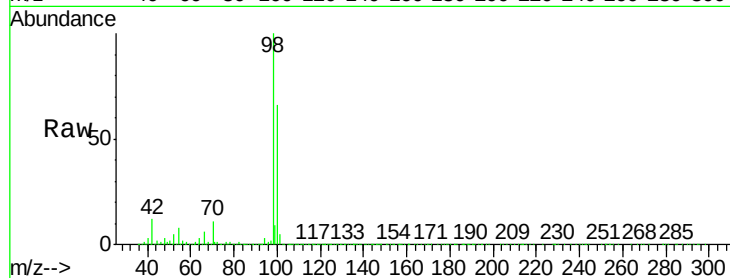
FB

Tgt Ion: 98 Resp: 1002271

Ion Ratio Lower Upper

98 100

100 65.3 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.600 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014397.D

Acq: 03 Jan 2020 13:54

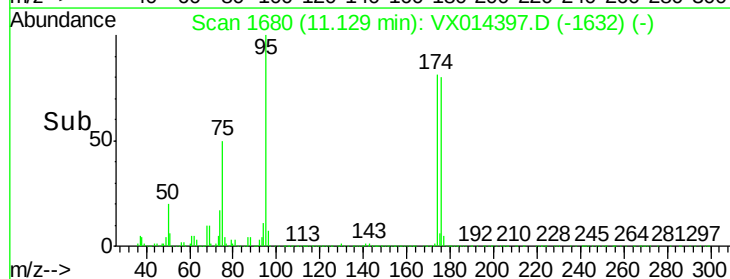
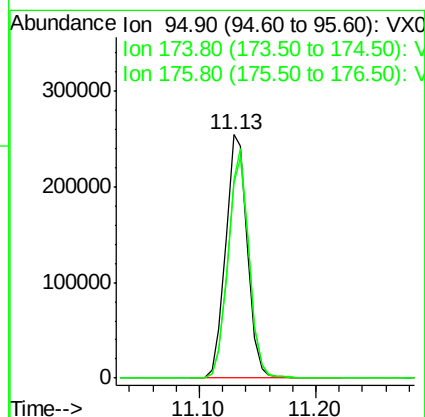
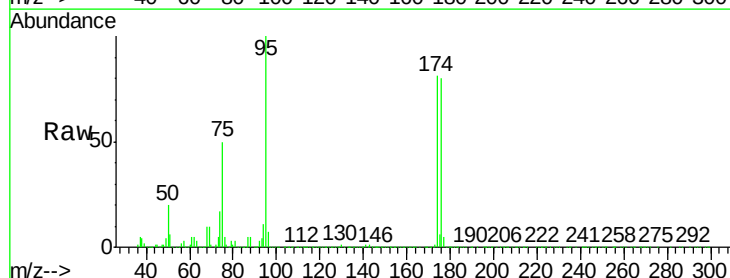
Tgt Ion: 95 Resp: 325933

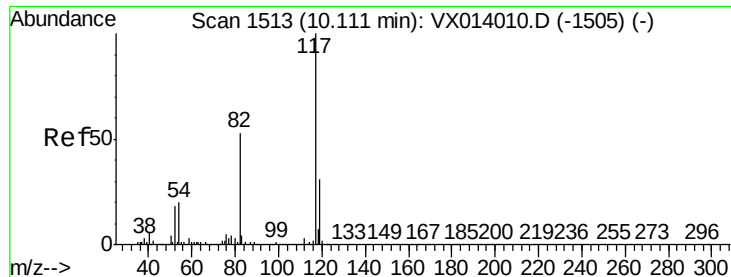
Ion Ratio Lower Upper

95 100

174 91.1 0.0 175.8

176 88.7 0.0 173.0

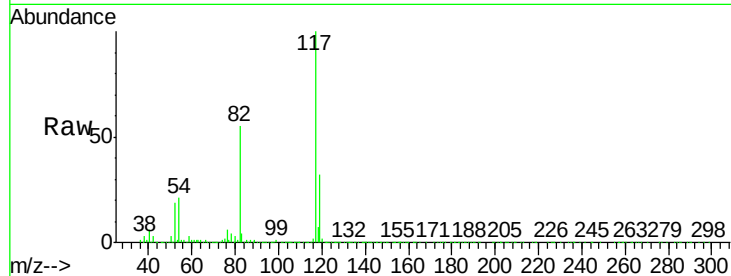




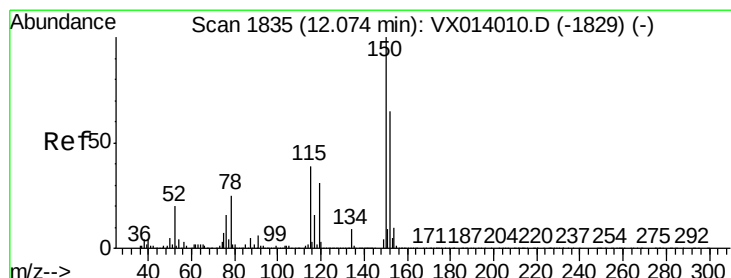
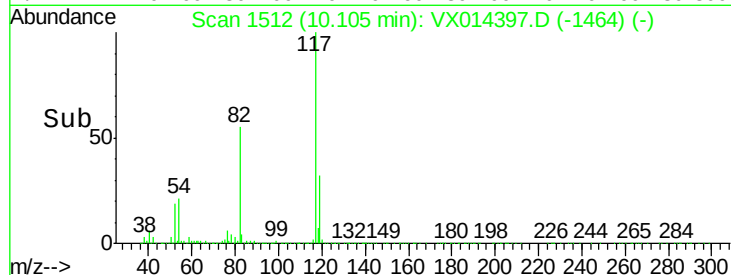
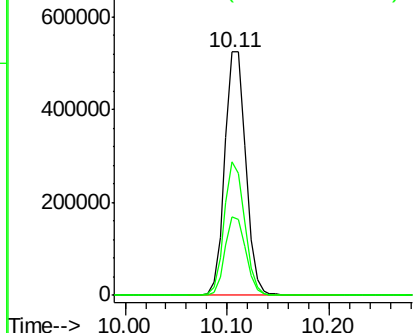
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014397.D
Acq: 03 Jan 2020 13:54

Instrument :
MSVOA_X
ClientSampleId :
FB

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.9	42.2	63.4
119	32.3	25.1	37.7

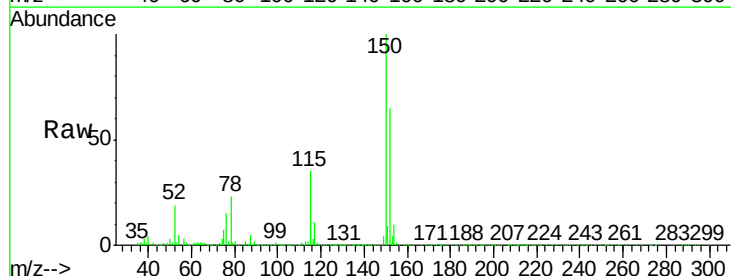


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014397.D
Acq: 03 Jan 2020 13:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	38.3	114.9
150	157.2	0.0	345.4



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

