

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103019\
 Data File : VX013283.D
 Acq On : 30 Oct 2019 14:03
 Operator : JC/SP
 Sample : PB124420TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB124420TB

Quant Time: Oct 31 02:18:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

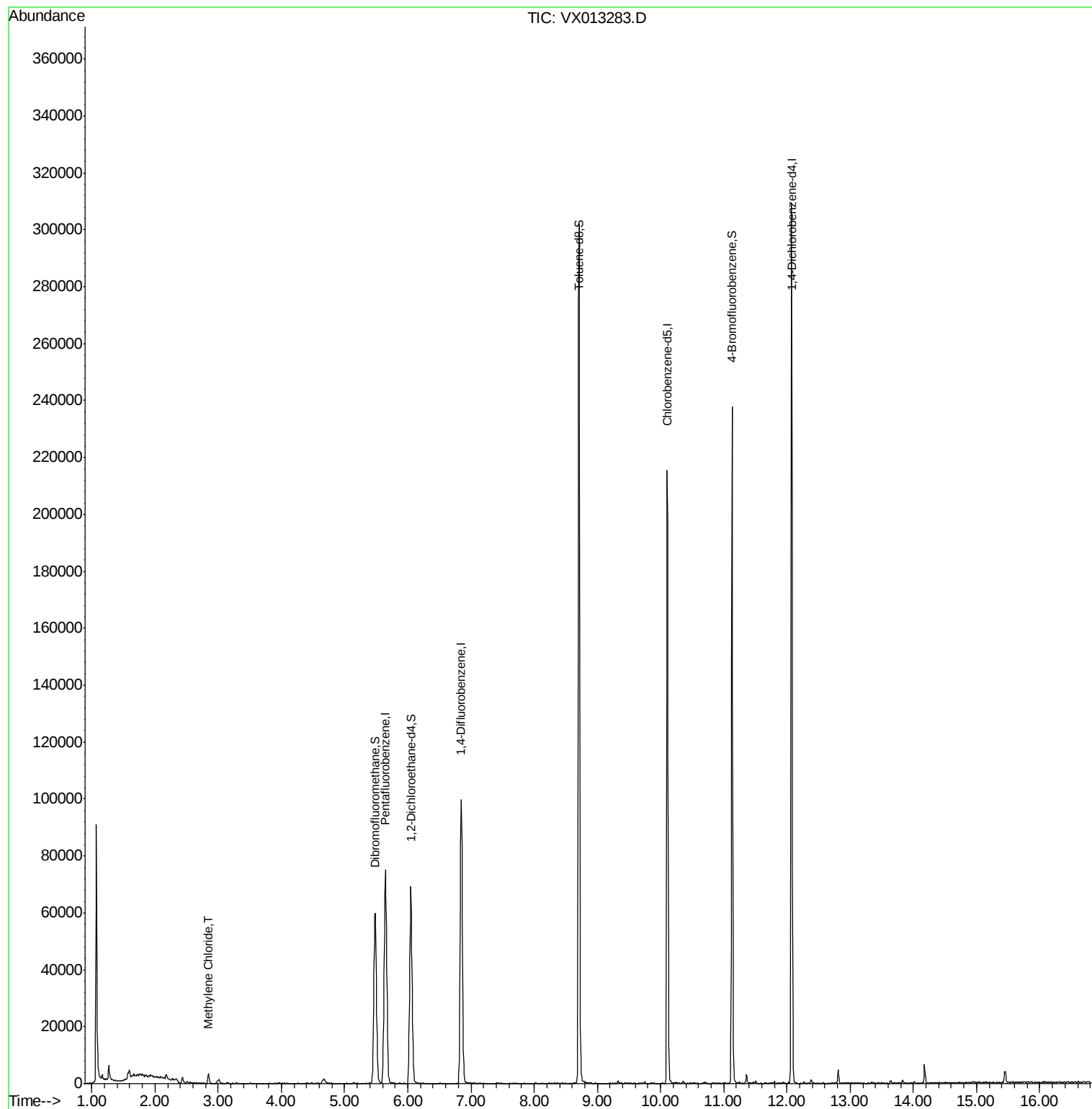
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	70929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	100573	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	99118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	61187	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	68592	46.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.48%	
35) Dibromofluoromethane	5.48	113	51737	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
50) Toluene-d8	8.71	98	181262	43.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.22%	
62) 4-Bromofluorobenzene	11.13	95	70563	42.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.78%	
Target Compounds						
20) Methylene Chloride	2.84	84	1492	1.423	ug/l	Qvalue 98

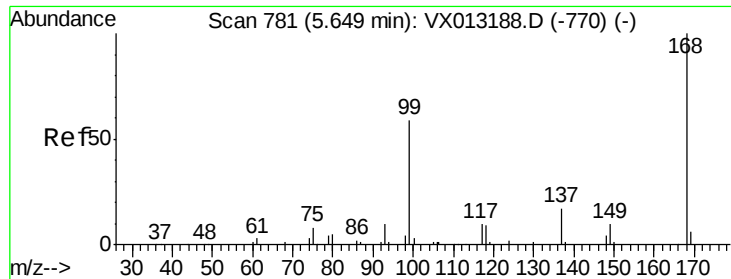
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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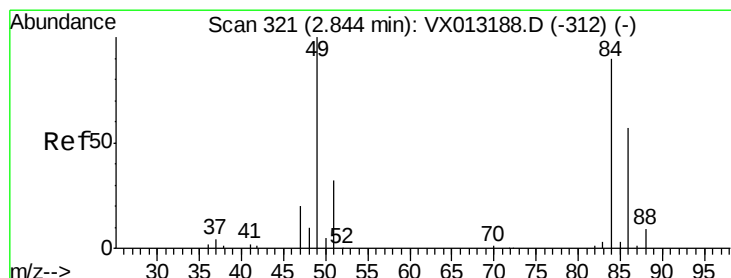
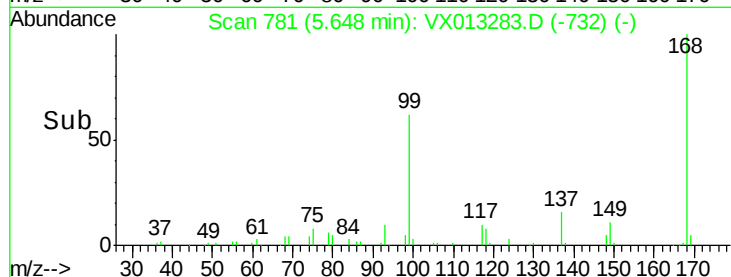
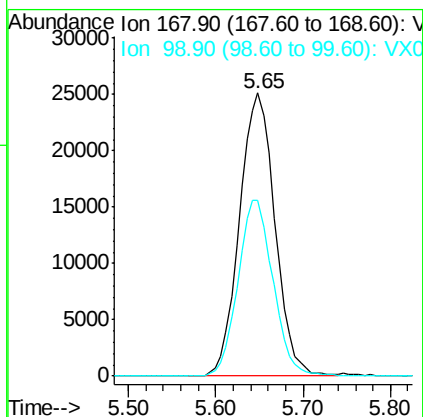
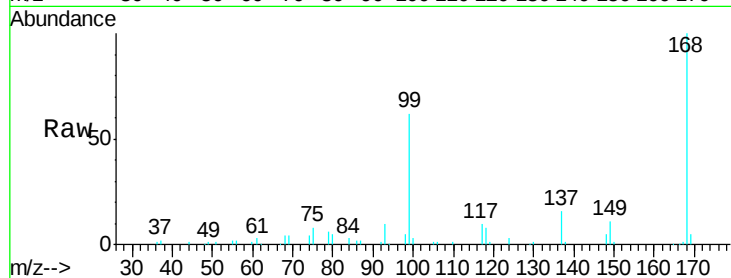




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013283.D
Acq: 30 Oct 2019 14:03

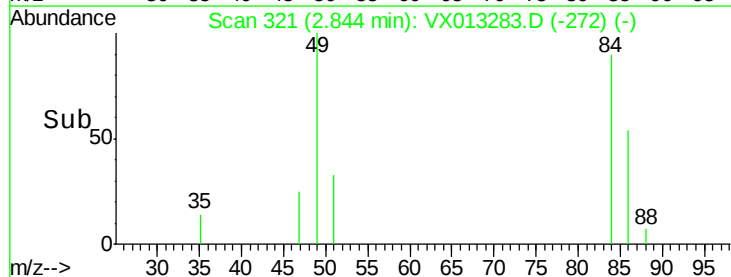
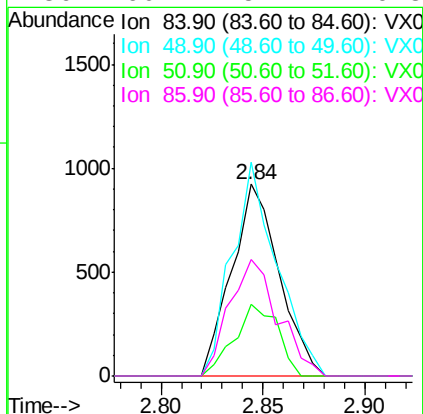
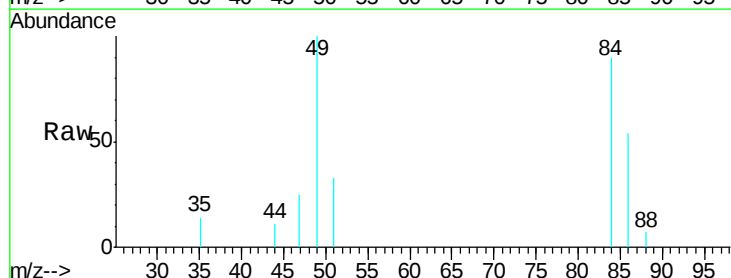
Instrument :
MSVOA_X
ClientSampleId :
PB124420TB

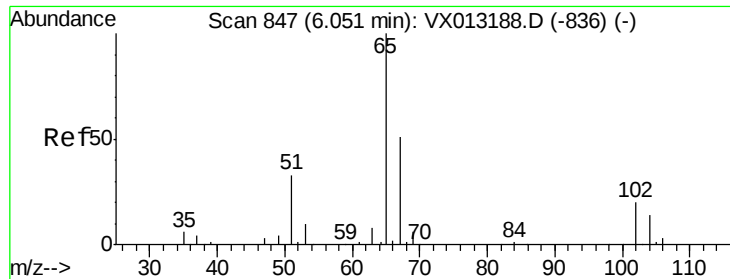
Tgt Ion:168 Resp: 70929
Ion Ratio Lower Upper
168 100
99 62.1 47.0 70.4



#20
Methylene Chloride
Concen: 1.423 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013283.D
Acq: 30 Oct 2019 14:03

Tgt Ion: 84 Resp: 1492
Ion Ratio Lower Upper
84 100
49 111.5 89.2 133.8
51 37.2 28.8 43.2
86 60.7 51.2 76.8





#33

1,2-Dichloroethane-d4

Concen: 46.236 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013283.D

Acq: 30 Oct 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

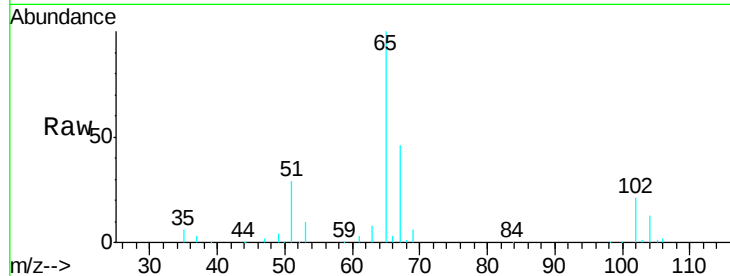
PB124420TB

Tgt Ion: 65 Resp: 68592

Ion Ratio Lower Upper

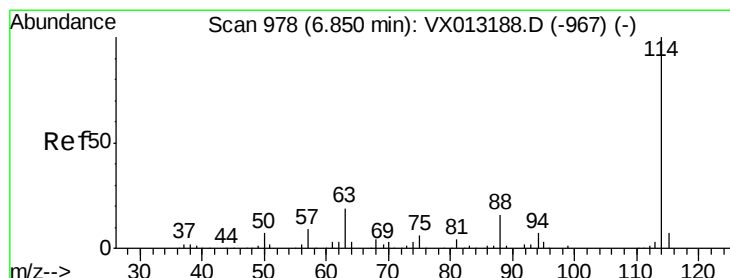
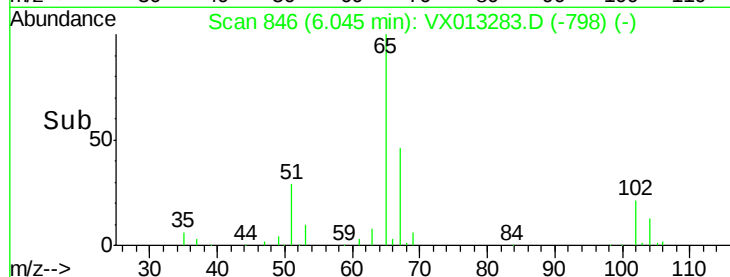
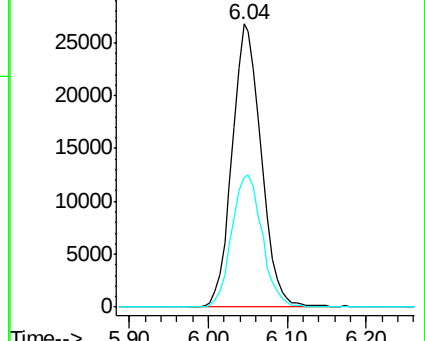
65 100

67 48.8 0.0 102.6



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: VX013283.D

Acq: 30 Oct 2019 14:03

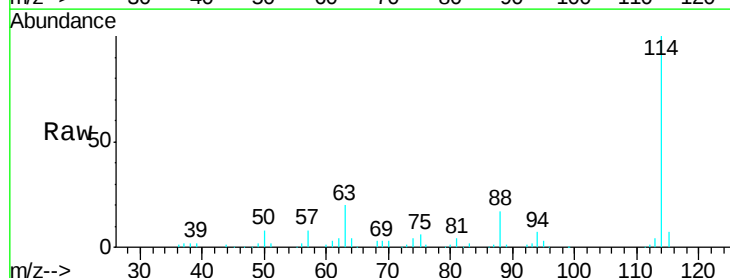
Tgt Ion: 114 Resp: 100573

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.0

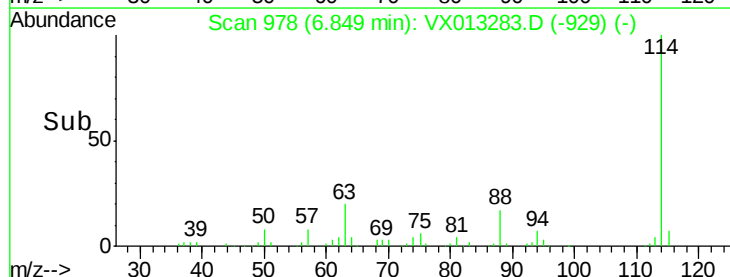
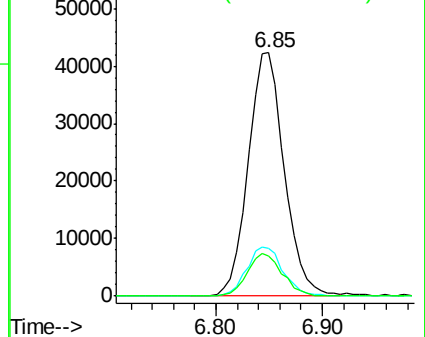
88 16.5 0.0 32.0

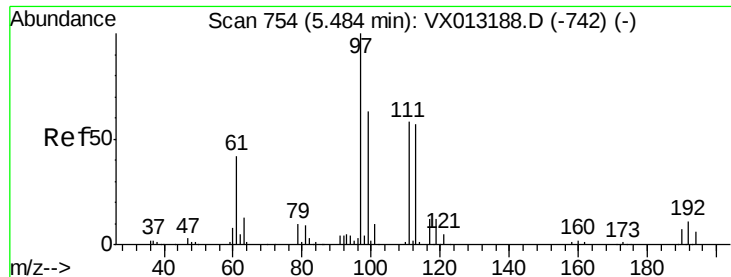


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.131 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013283.D

Acq: 30 Oct 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

PB124420TB

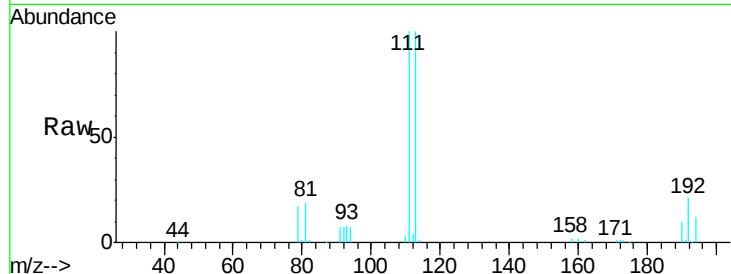
Tgt Ion:113 Resp: 51737

Ion Ratio Lower Upper

113 100

111 102.0 80.3 120.5

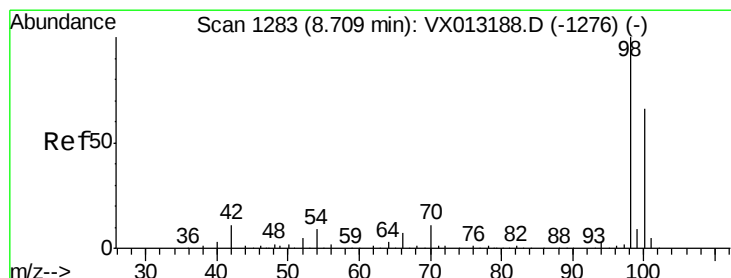
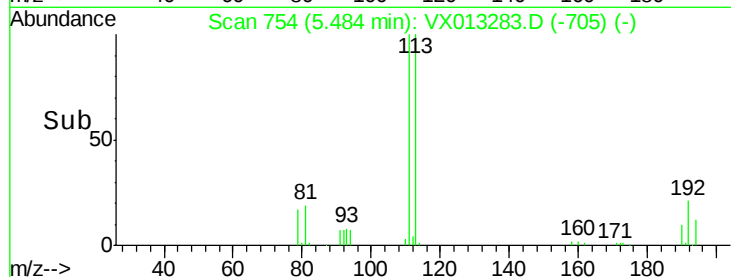
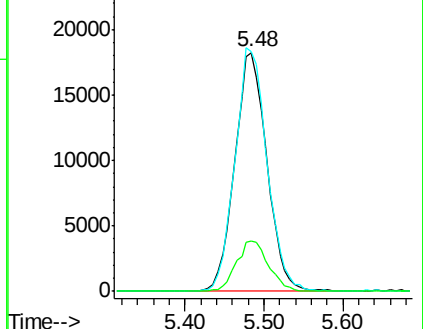
192 21.0 15.9 23.9



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



#50

Toluene-d8

Concen: 43.612 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013283.D

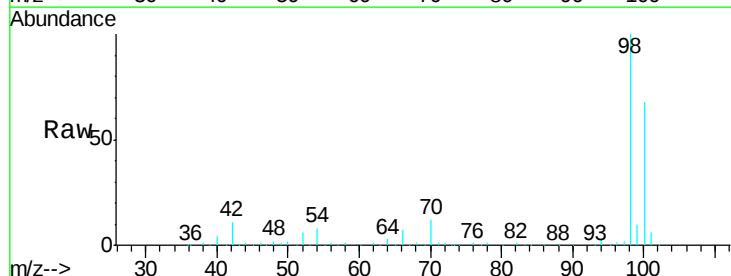
Acq: 30 Oct 2019 14:03

Tgt Ion: 98 Resp: 181262

Ion Ratio Lower Upper

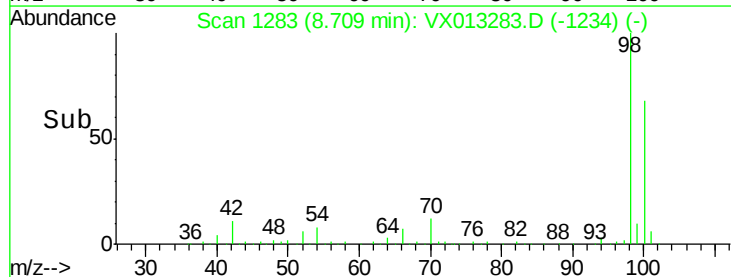
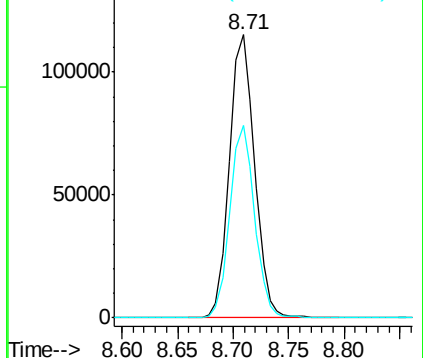
98 100

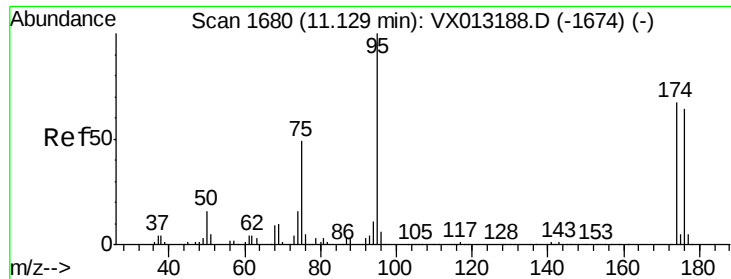
100 66.7 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 42.894 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013283.D

Acq: 30 Oct 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

PB124420TB

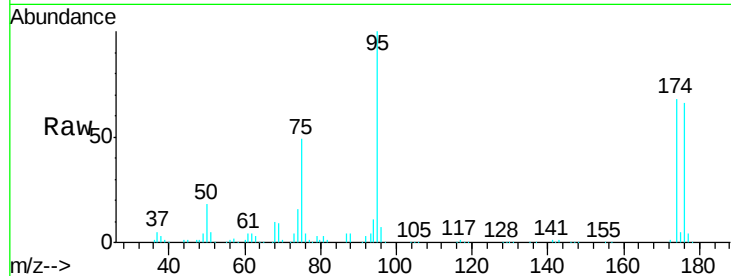
Tgt Ion: 95 Resp: 70563

Ion Ratio Lower Upper

95 100

174 75.7 0.0 152.4

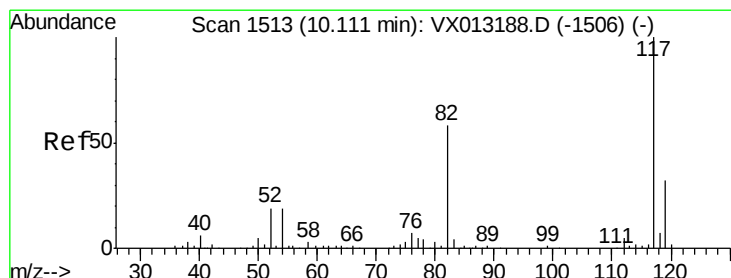
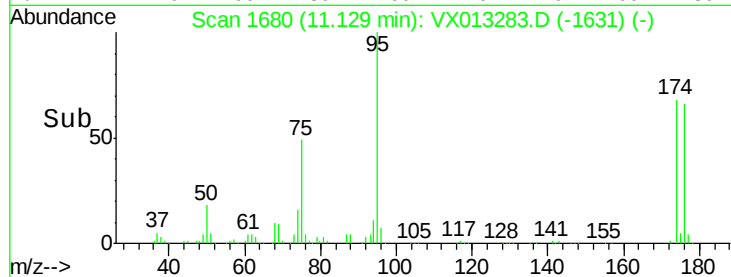
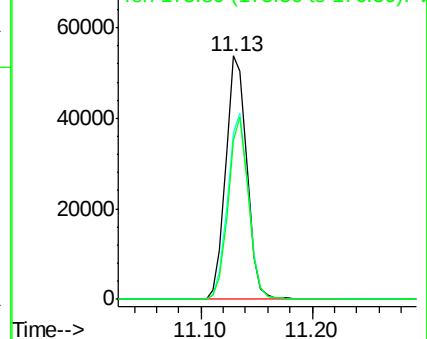
176 71.9 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VX013188.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013188.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013188.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX013283.D

Acq: 30 Oct 2019 14:03

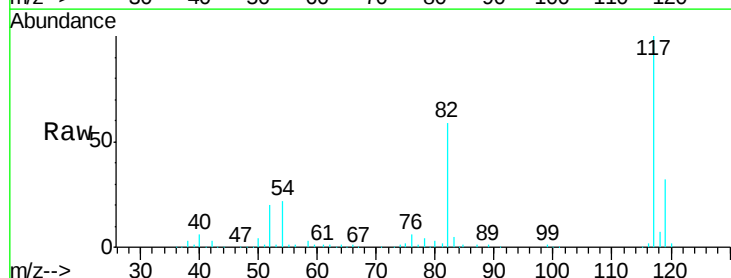
Tgt Ion: 117 Resp: 99118

Ion Ratio Lower Upper

117 100

82 58.7 46.5 69.7

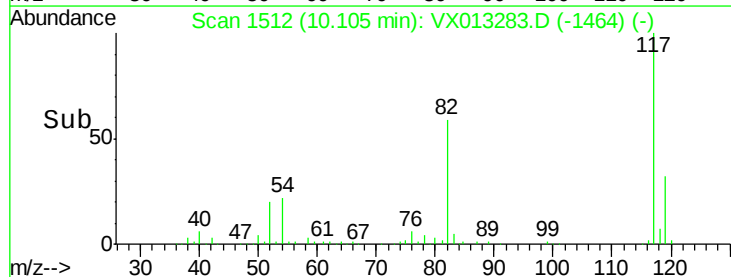
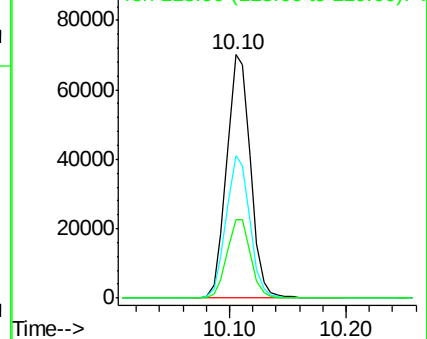
119 32.2 25.2 37.8

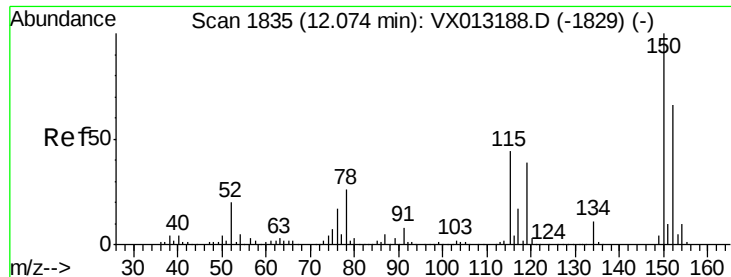


Abundance Ion 116.90 (116.60 to 117.60): VX013188.D (-1506) (-)

Ion 82.00 (81.70 to 82.70): VX013188.D (-1506) (-)

Ion 118.90 (118.60 to 119.60): VX013188.D (-1506) (-)

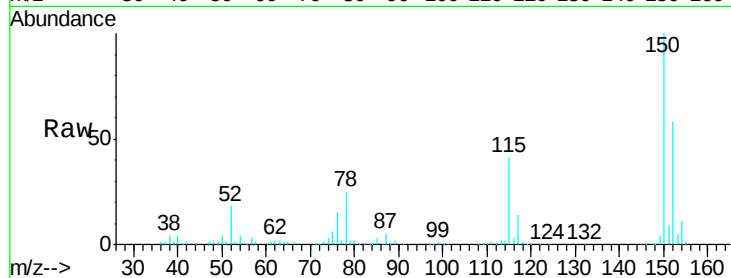




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX013283.D
 Acq: 30 Oct 2019 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 PB124420TB

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.2	46.6	139.8
150	157.5	0.0	354.0



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

