

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012512.D
 Acq On : 19 Sep 2019 06:57
 Operator : JC/SP
 Sample : K4858-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D2-20190910

Quant Time: Sep 19 09:39:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

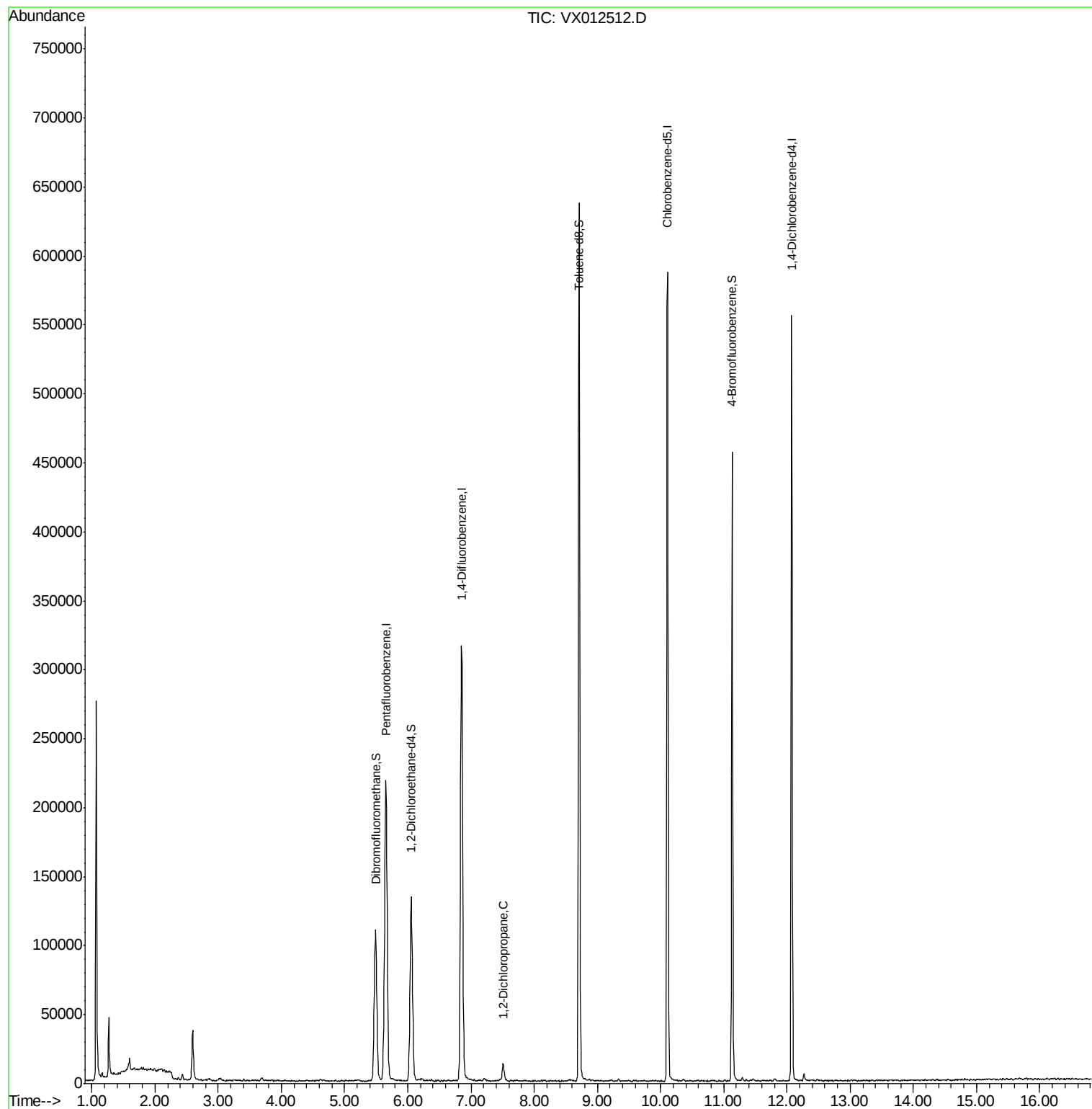
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	194847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	310952	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	102391	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	130212	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.26%	
35) Dibromofluoromethane	5.49	113	91388	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
50) Toluene-d8	8.71	98	356270	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
62) 4-Bromofluorobenzene	11.14	95	127432	44.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.12%	
Target Compounds						
45) 1,2-Dichloropropane	7.51	63	4817	2.609	ug/l	Qvalue 96

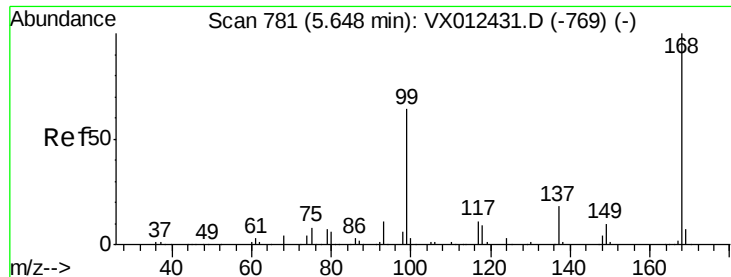
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012512.D

Acq: 19 Sep 2019 06:57

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MSVOA_X

ClientSampleId :

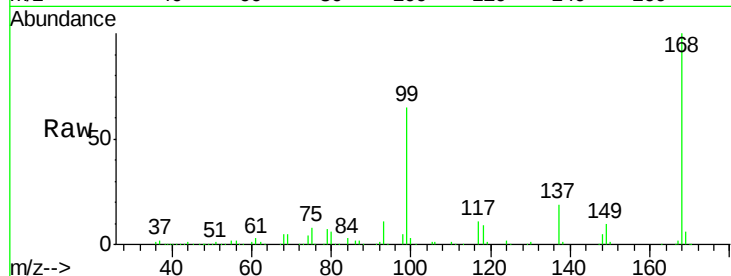
RE135D2-20190910

Tot Ion:168 Resp: 194847

Ion Ratio Lower Upper

168 100

99 65.1 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

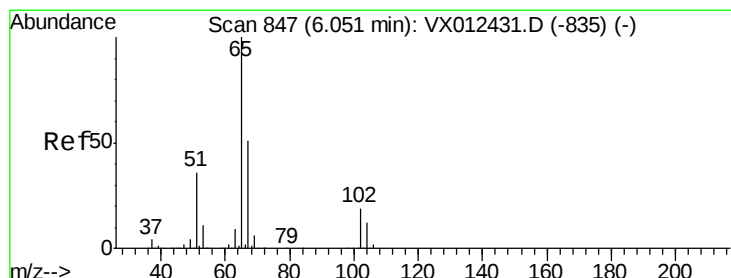
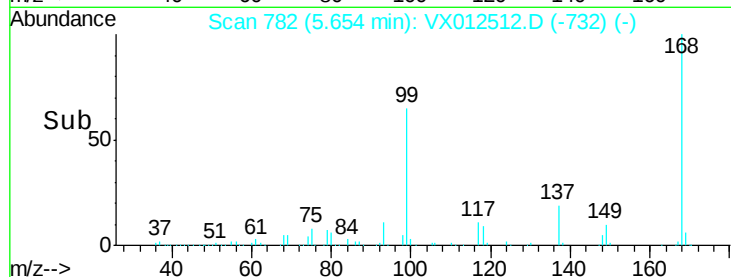
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.628 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012512.D

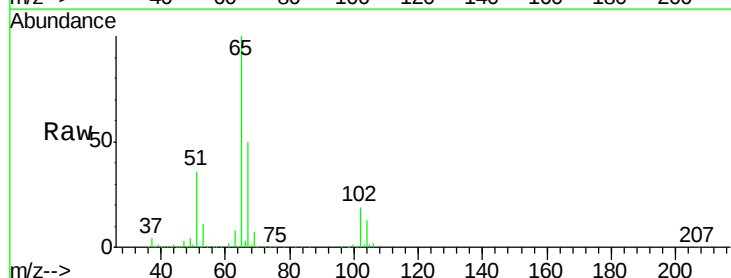
Acq: 19 Sep 2019 06:57

Tgt Ion: 65 Resp: 130212

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

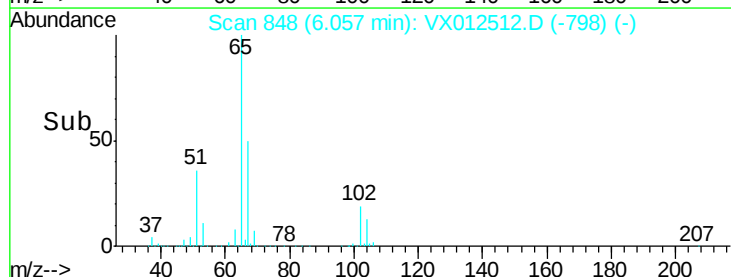
30000

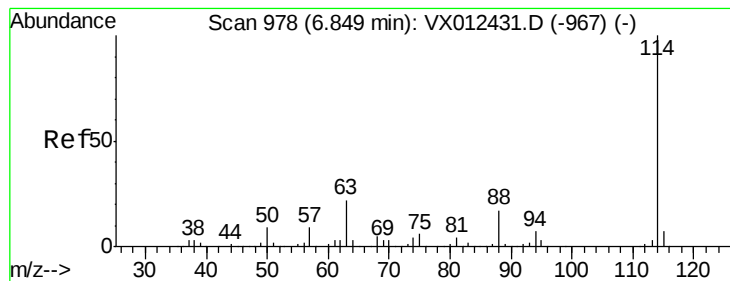
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012512.D

Acq: 19 Sep 2019 06:57

Instrument :

MSVOA_X

ClientSampleId :

RE135D2-20190910

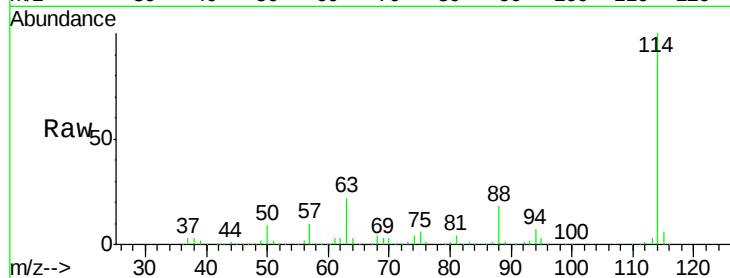
Tot Ion:114 Resp: 310952

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

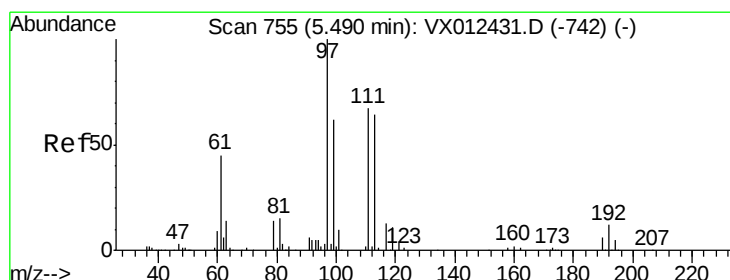
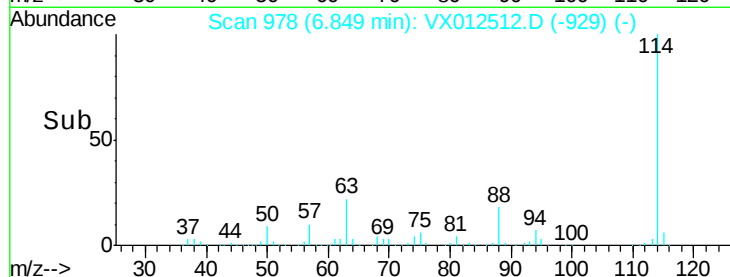
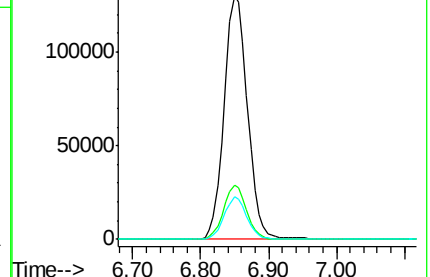
88 17.7 0.0 33.2



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: 48.557 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012512.D

Acq: 19 Sep 2019 06:57

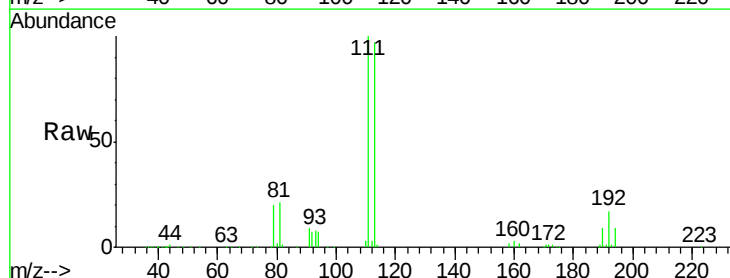
Tgt Ion:113 Resp: 91388

Ion Ratio Lower Upper

113 100

111 104.6 83.4 125.2

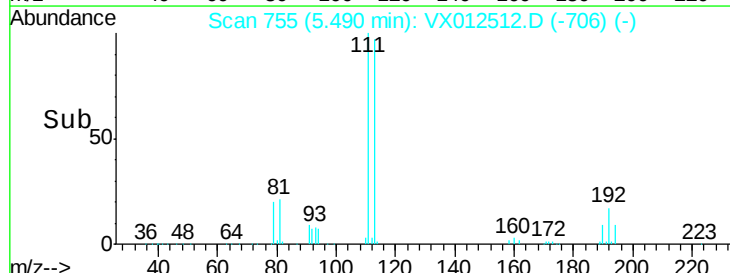
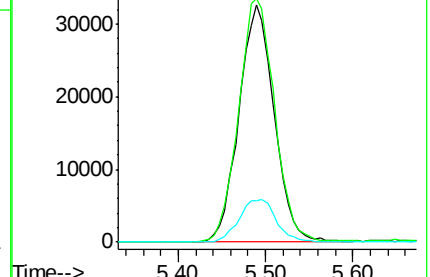
192 18.6 14.4 21.6

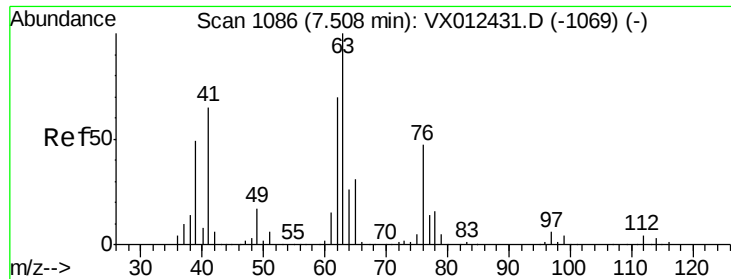


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

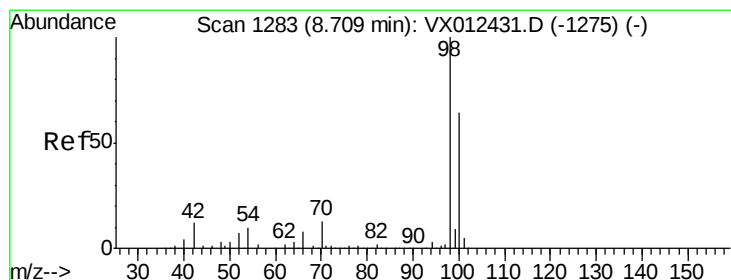
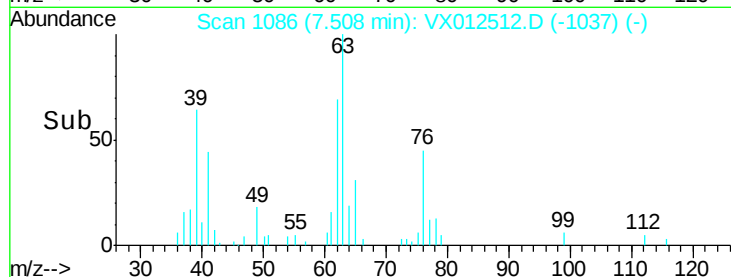
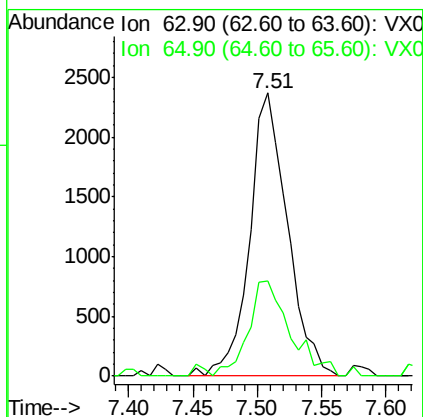
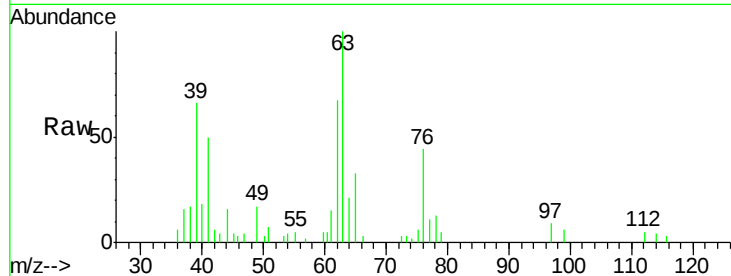




#45
 1,2-Dichloropropane
 Concen: 2.609 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012512.D
 Acq: 19 Sep 2019 06:57

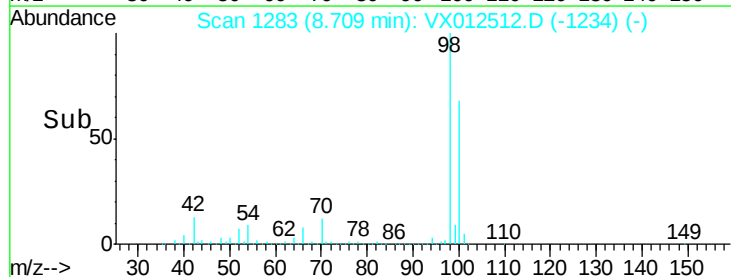
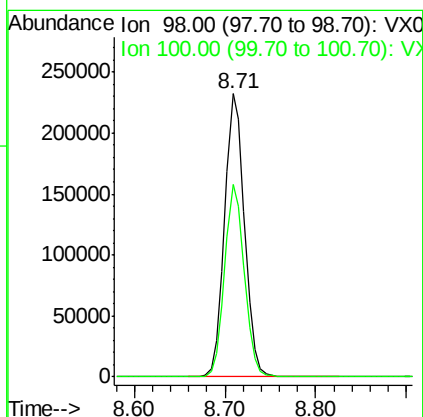
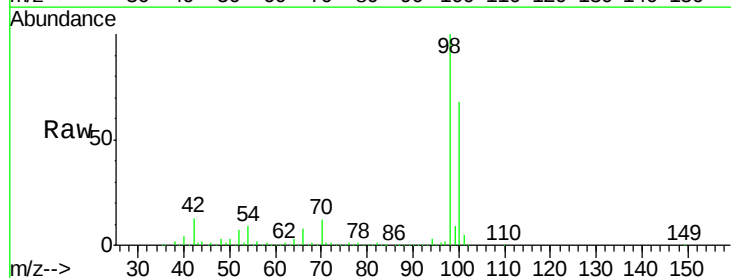
Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D2-20190910

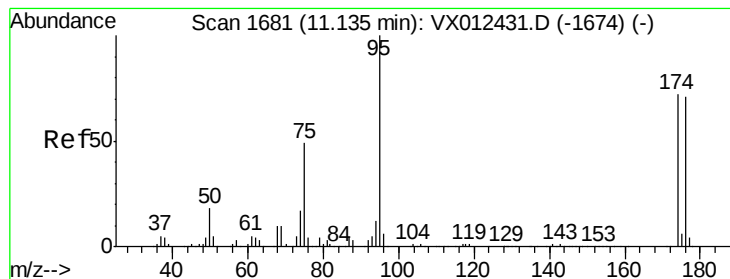
Tot Ion: 63 Resp: 4817
 Ion Ratio Lower Upper
 63 100
 65 33.4 25.0 37.6



#50
 Toluene-d8
 Concen: 51.142 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012512.D
 Acq: 19 Sep 2019 06:57

Tgt Ion: 98 Resp: 356270
 Ion Ratio Lower Upper
 98 100
 100 67.2 53.4 80.2





#62

4-Bromofluorobenzene

Concen: 44.056 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012512.D

Acq: 19 Sep 2019 06:57

Instrument :

MSVOA_X

ClientSampleId :

RE135D2-20190910

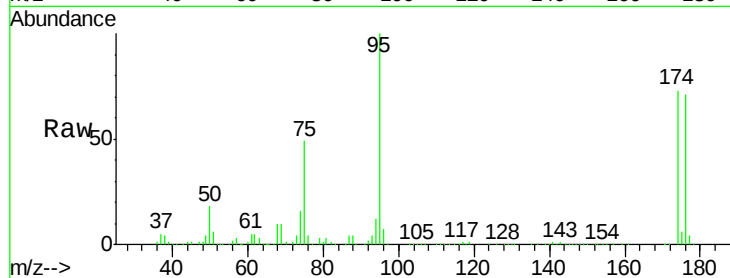
Tot Ion: 95 Resp: 127432

Ion Ratio Lower Upper

95 100

174 70.1 0.0 140.0

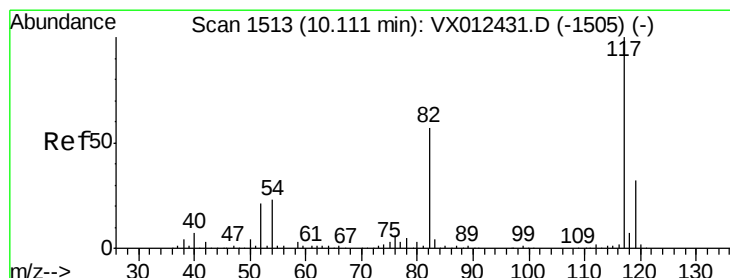
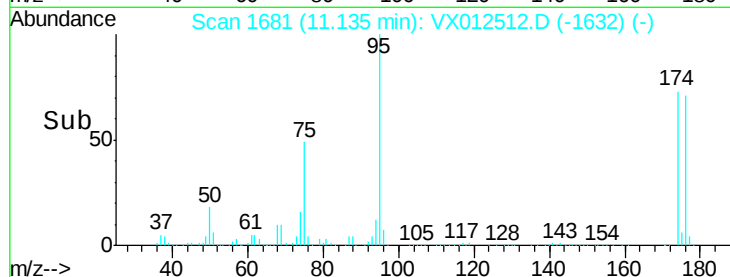
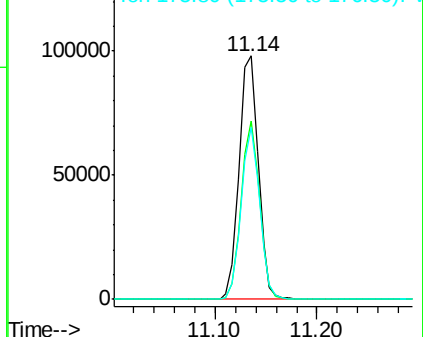
176 68.0 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012512.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012512.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012512.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012512.D

Acq: 19 Sep 2019 06:57

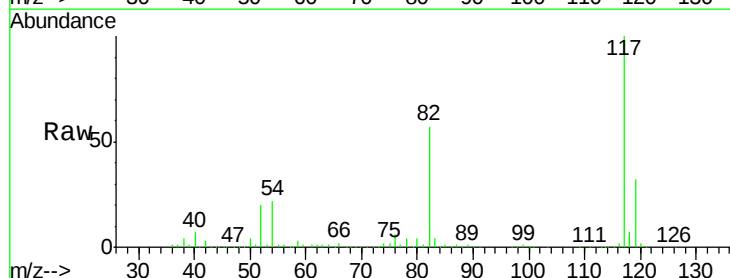
Tgt Ion: 117 Resp: 260751

Ion Ratio Lower Upper

117 100

82 56.7 45.9 68.9

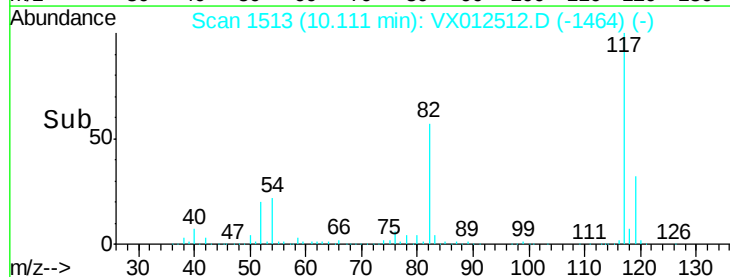
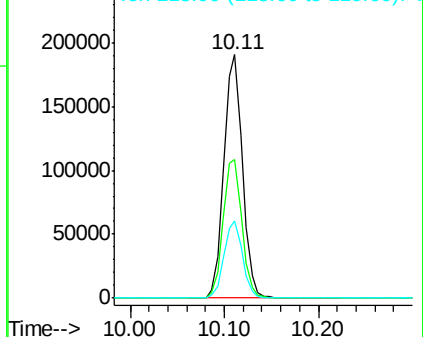
119 31.7 25.3 37.9

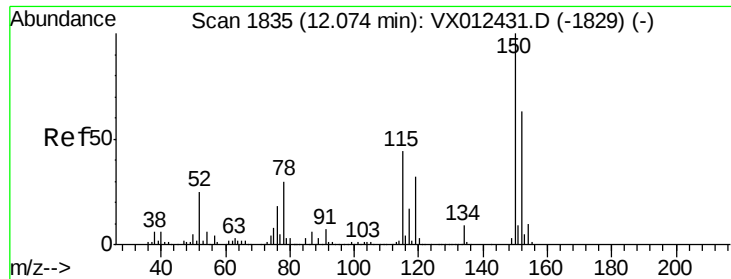


Abundance Ion 116.90 (116.60 to 117.60): VX012512.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012512.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012512.D (-1464) (-)

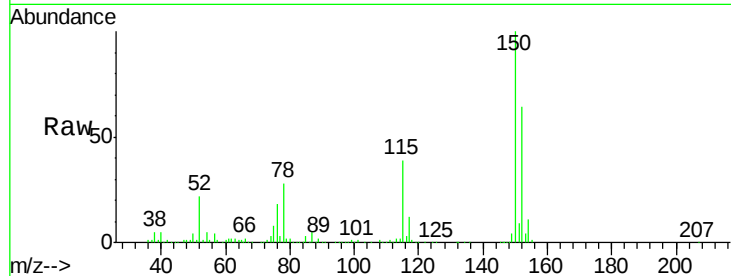




#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012512.D
Acq: 19 Sep 2019 06:57

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20190910



Tot Ion	Ratio	Lower	Upper
152	100		
115	62.4	44.1	132.3
150	156.1	0.0	343.8

