

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091719\
 Data File : VX012444.D
 Acq On : 17 Sep 2019 20:15
 Operator : JC/SP
 Sample : K4858-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D1-20190910

Quant Time: Sep 18 04:09:47 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

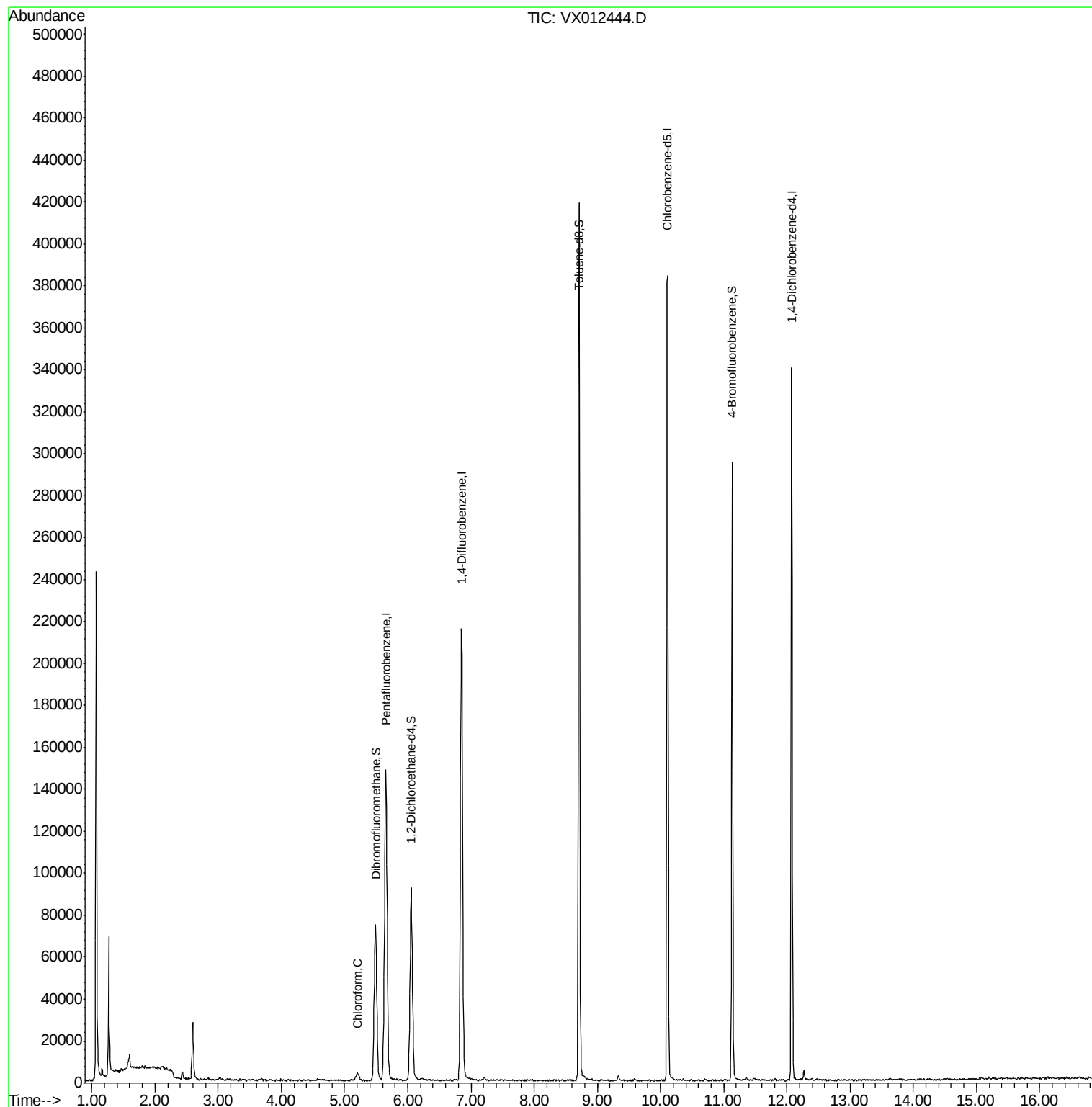
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	129782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	206112	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	170309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	62360	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	89659	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
35) Dibromofluoromethane	5.49	113	63403	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
50) Toluene-d8	8.71	98	237392	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	11.14	95	81551	42.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.08%	
Target Compounds						
30) Chloroform	5.21	83	4113	1.683	ug/l	Qvalue 85

(#) = 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: VX012444.D

Acq: 17 Sep 2019 20:15

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MSVOA_X

ClientSampleId :

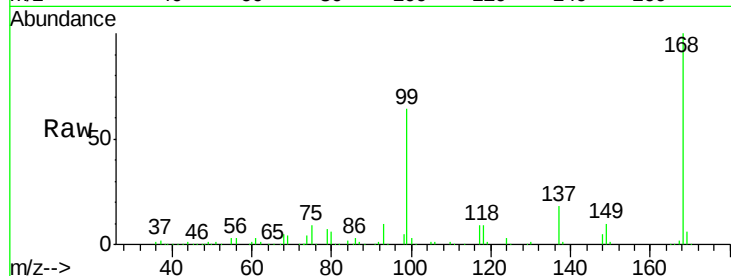
RE135D1-20190910

Tot Ion:168 Resp: 129782

Ion Ratio Lower Upper

168 100

99 63.8 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

50000

40000

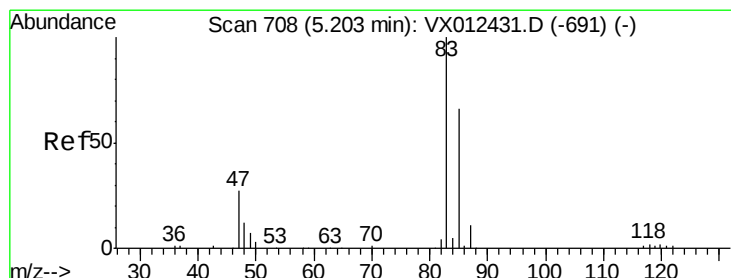
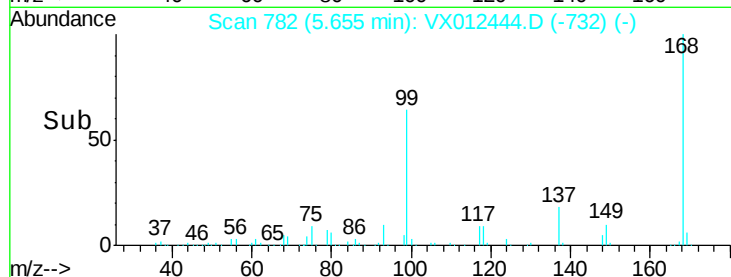
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#30

Chloroform

Concen: 1.683 ug/l

RT: 5.21 min Scan# 709

Delta R.T. 0.01 min

Lab File: VX012444.D

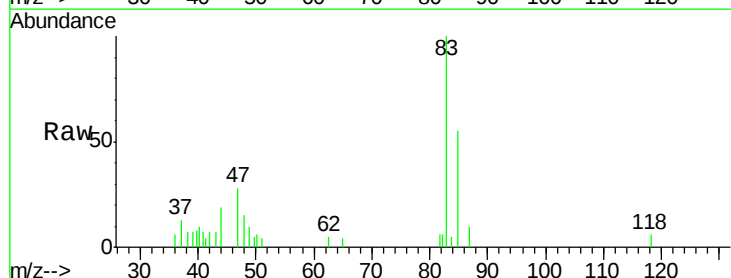
Acq: 17 Sep 2019 20:15

Tgt Ion: 83 Resp: 4113

Ion Ratio Lower Upper

83 100

85 54.6 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.21

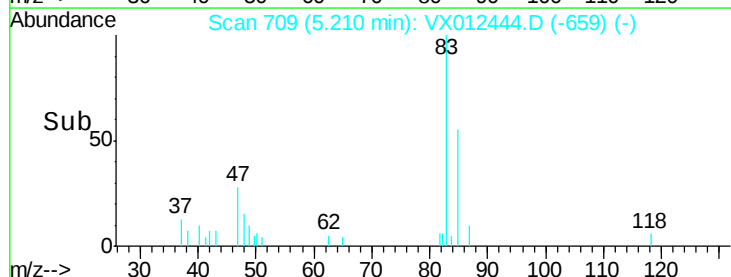
1500

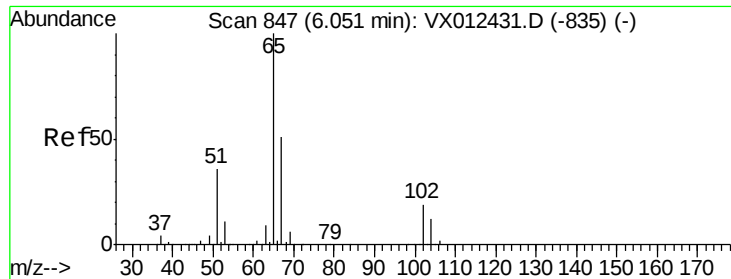
1000

500

0

Time--> 5.10 5.20 5.30





#33

1,2-Dichloroethane-d4

Concen: 48.203 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012444.D

Acq: 17 Sep 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

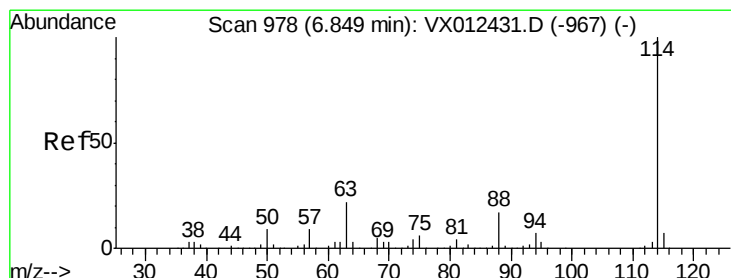
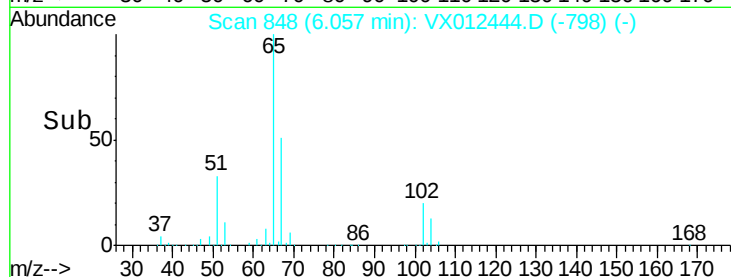
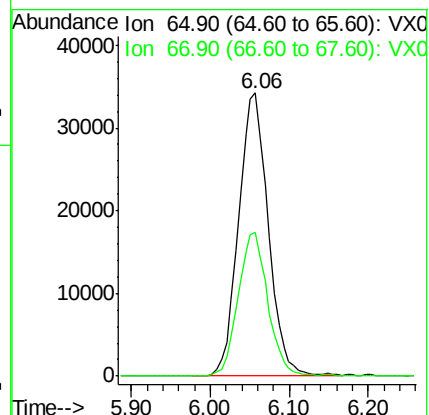
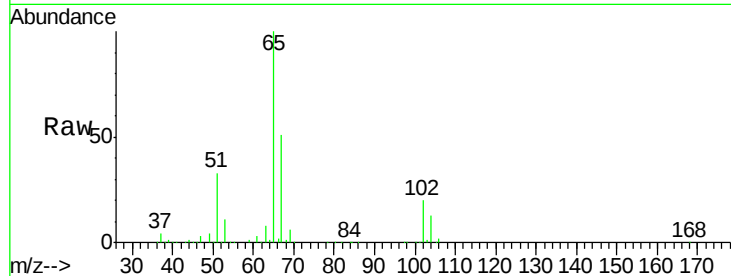
RE135D1-20190910

Tot Ion: 65 Resp: 89659

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012444.D

Acq: 17 Sep 2019 20:15

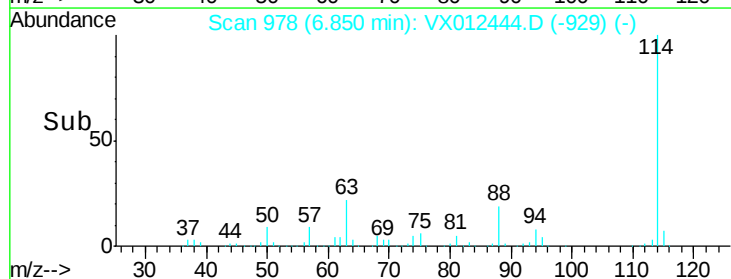
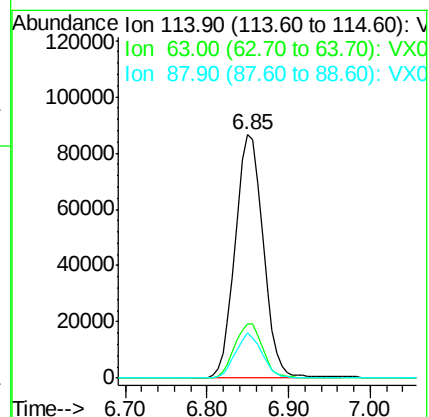
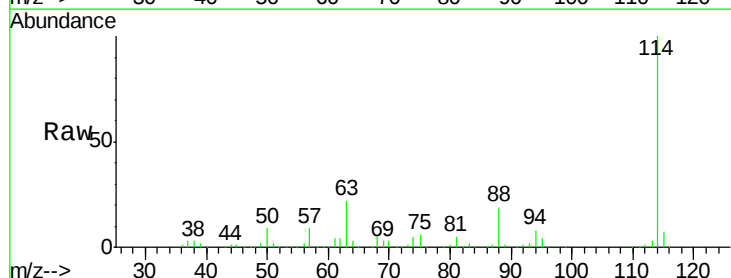
Tgt Ion: 114 Resp: 206112

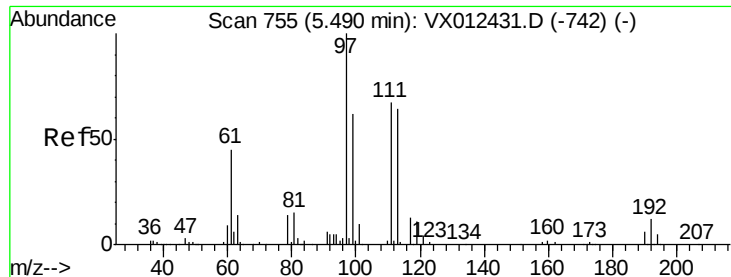
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

88 18.6 0.0 33.2

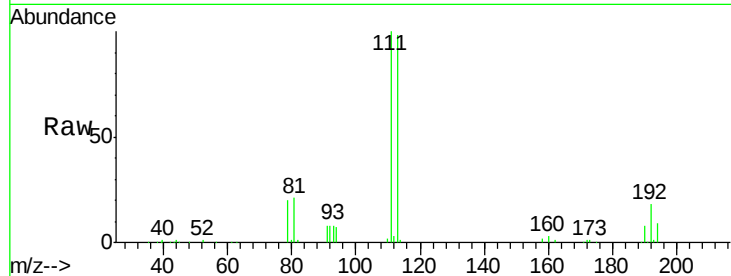




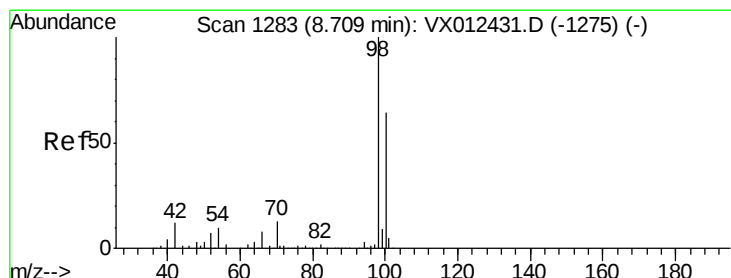
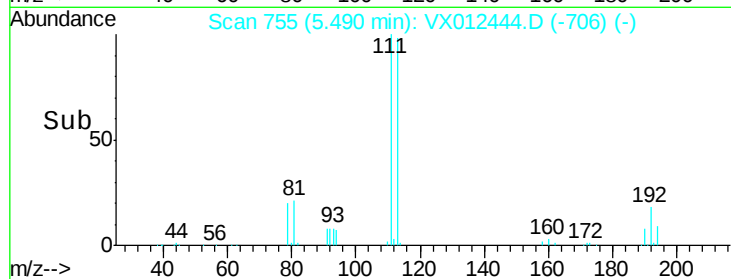
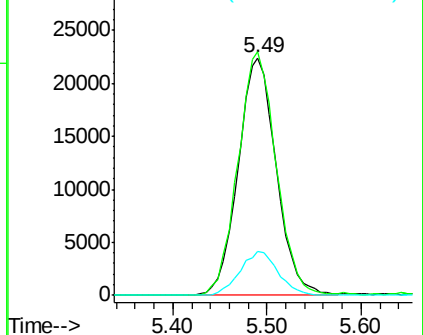
#35
Dibromofluoromethane
Concen: 50.824 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012444.D
Acq: 17 Sep 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
RE135D1-20190910

Tot Ion:113 Resp: 63403
Ion Ratio Lower Upper
113 100
111 103.2 83.4 125.2
192 18.6 14.4 21.6

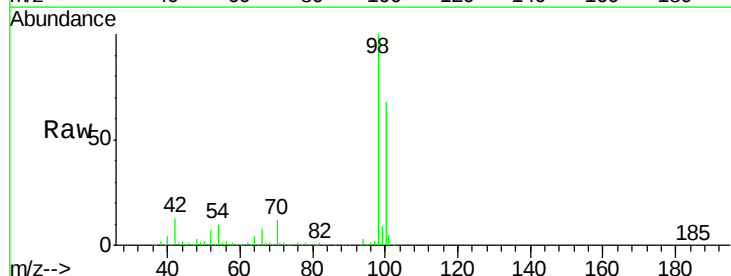


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

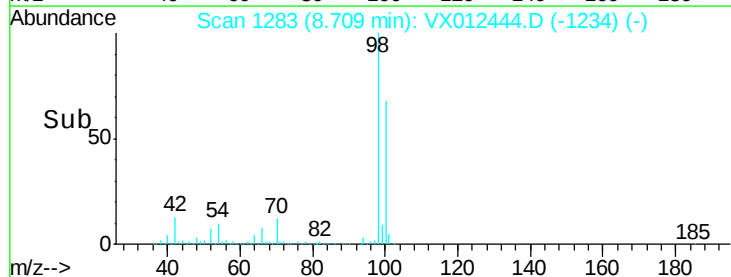
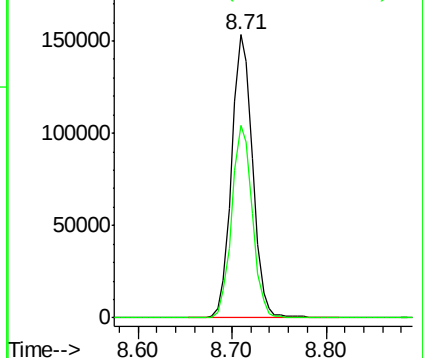


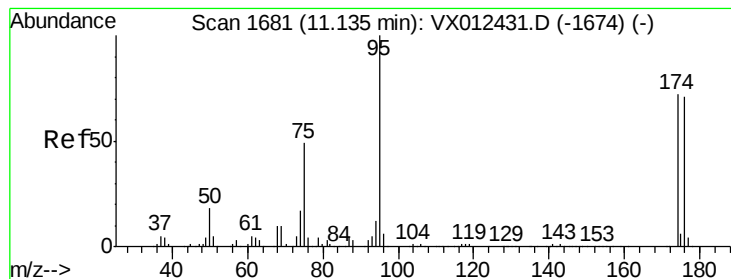
#50
Toluene-d8
Concen: 51.410 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012444.D
Acq: 17 Sep 2019 20:15

Tgt Ion: 98 Resp: 237392
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.535 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012444.D

Acq: 17 Sep 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

RE135D1-20190910

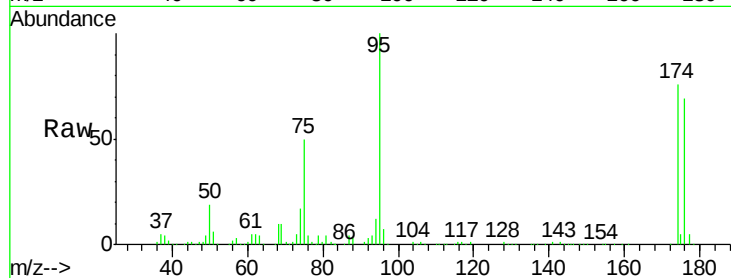
Tot Ion: 95 Resp: 81551

Ion Ratio Lower Upper

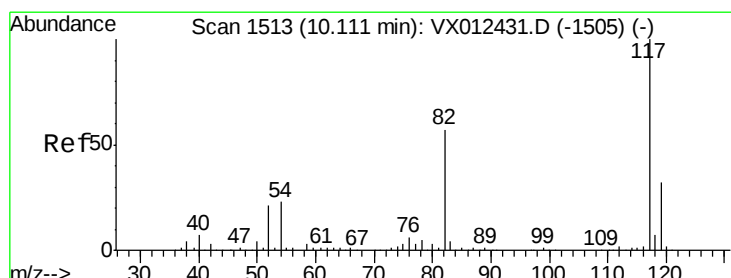
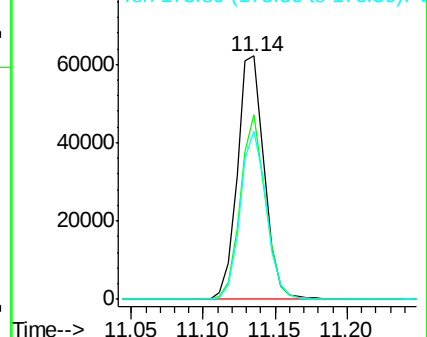
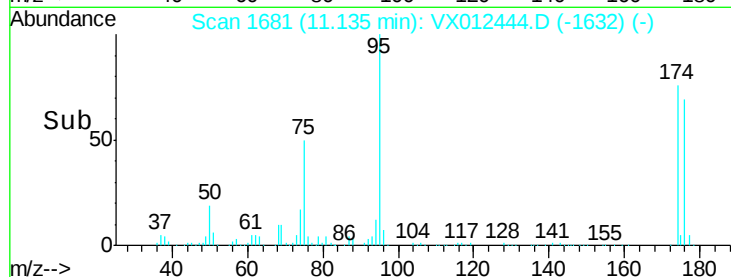
95 100

174 70.8 0.0 140.0

176 66.8 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012444.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012444.D

Acq: 17 Sep 2019 20:15

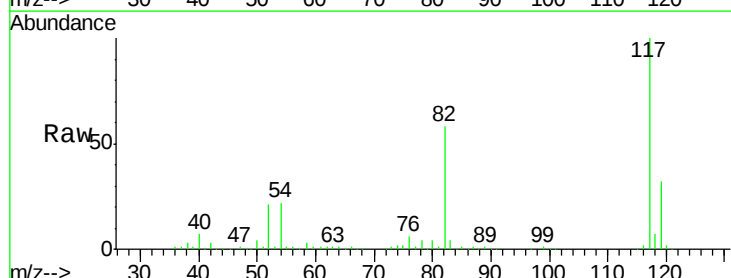
Tgt Ion: 117 Resp: 170309

Ion Ratio Lower Upper

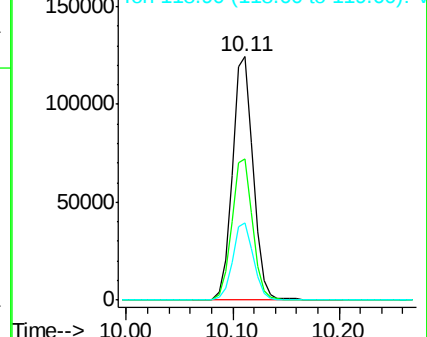
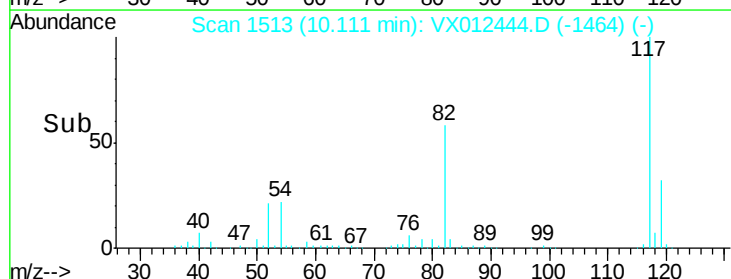
117 100

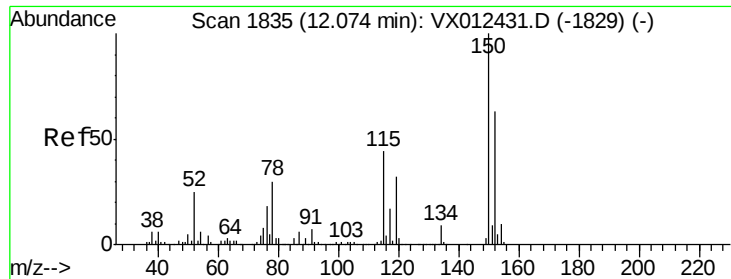
82 57.8 45.9 68.9

119 31.7 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VX012444.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: VX012444.D

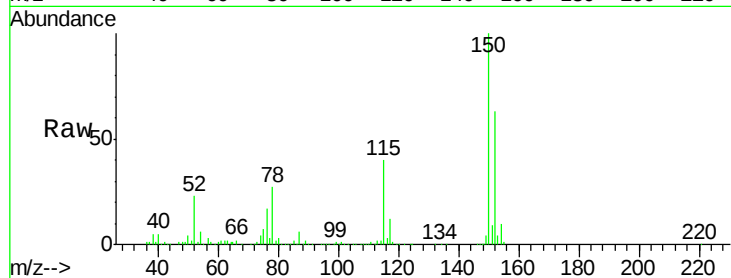
Acq: 17 Sep 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

RE135D1-20190910



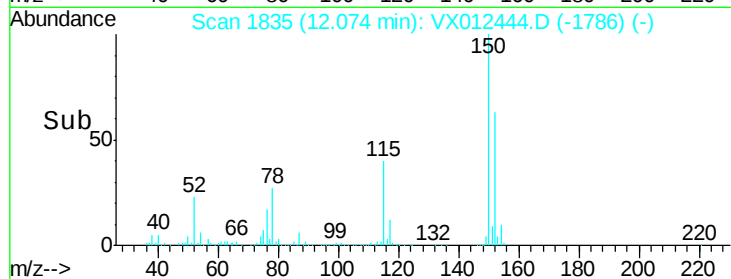
Tot Ion:152 Resp: 62360

Ion Ratio Lower Upper

152 100

115 65.6 44.1 132.3

150 160.9 0.0 343.8



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

