

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012483.D
 Acq On : 18 Sep 2019 18:54
 Operator : JC/SP
 Sample : K4858-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D1-20190910

Quant Time: Sep 19 07:45:15 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

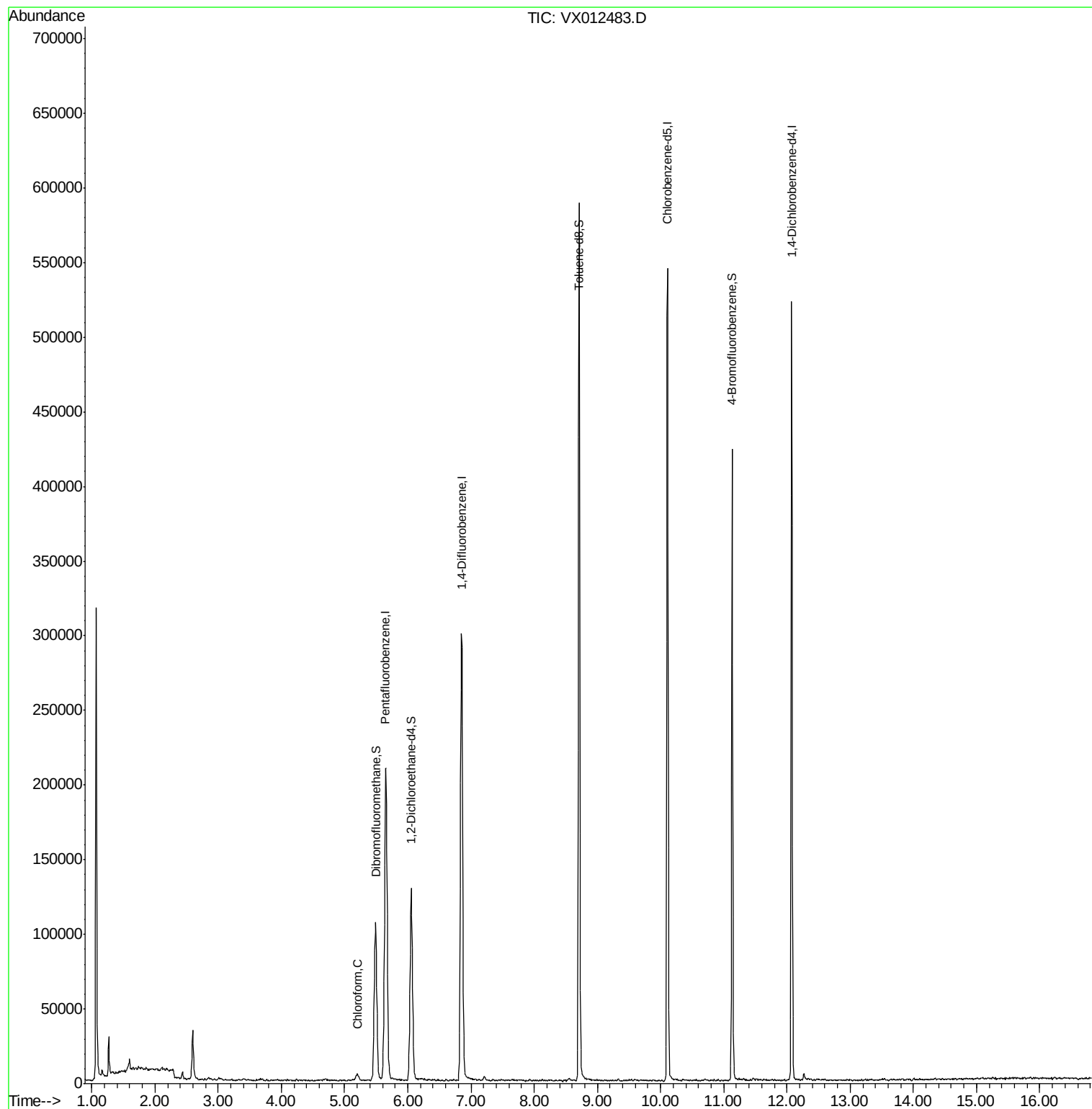
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	189215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	295539	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98576	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	126915	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
35) Dibromofluoromethane	5.49	113	88816	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
50) Toluene-d8	8.71	98	334777	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.14	95	116392	42.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.68%	
Target Compounds						
30) Chloroform	5.20	83	4882	1.370	ug/l	Qvalue 94

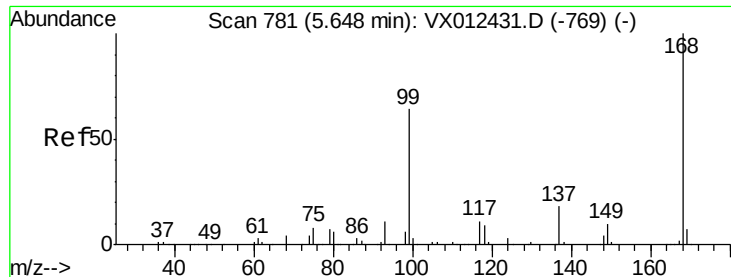
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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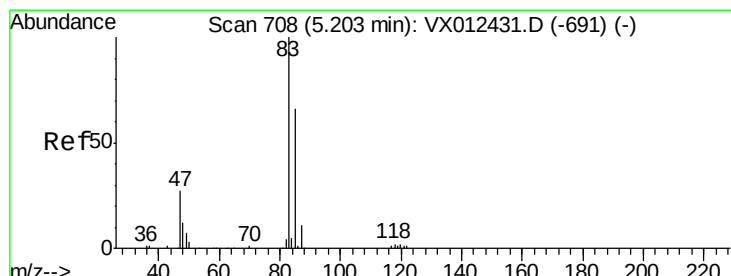
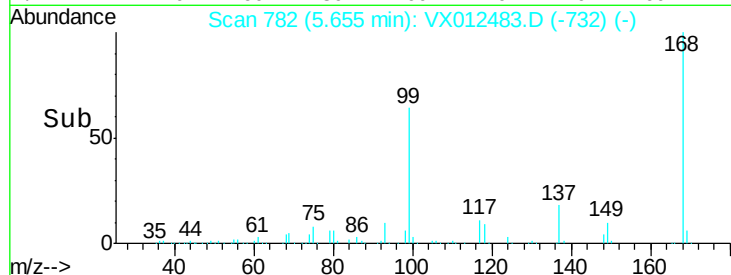
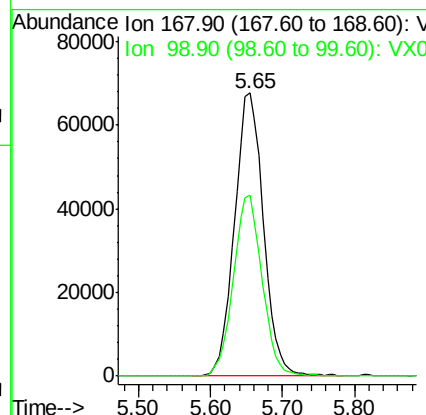
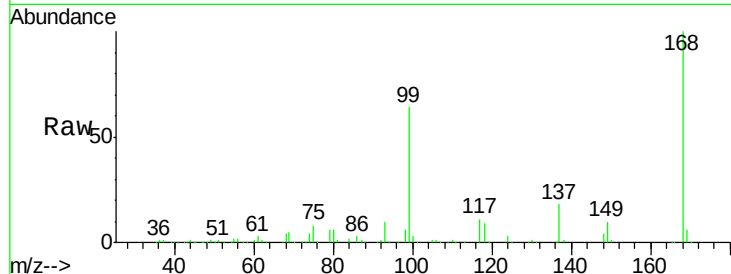




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012483.D
Acq: 18 Sep 2019 18:54

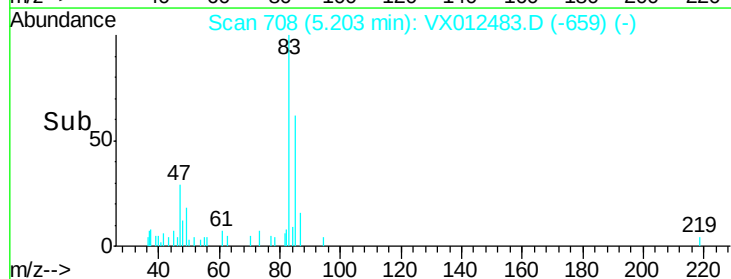
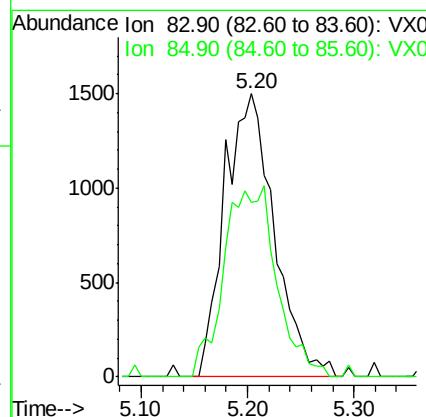
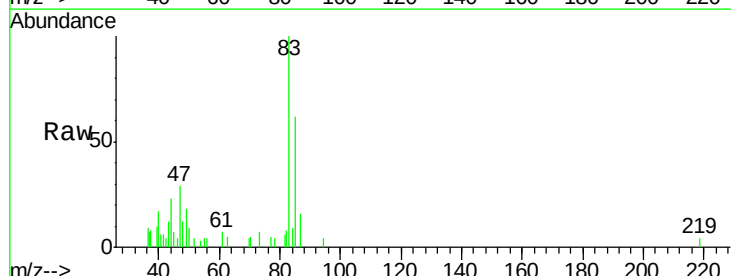
Instrument :
MSVOA_X
ClientSampleId :
RE135D1-20190910

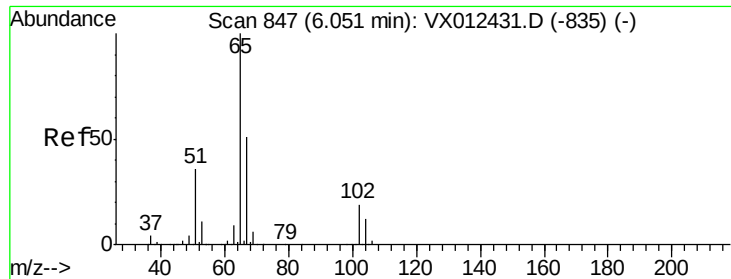
Tot Ion:168 Resp: 189215
Ion Ratio Lower Upper
168 100
99 64.0 51.4 77.2



#30
Chloroform
Concen: 1.370 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX012483.D
Acq: 18 Sep 2019 18:54

Tgt Ion: 83 Resp: 4882
Ion Ratio Lower Upper
83 100
85 61.6 53.0 79.4

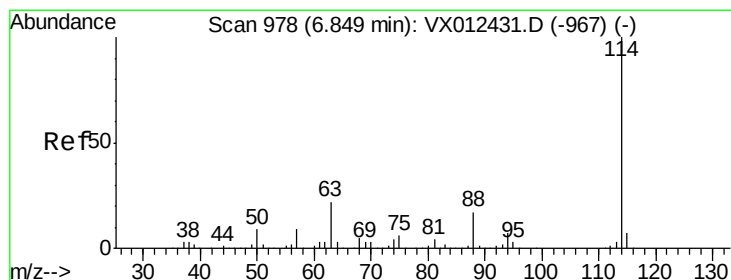
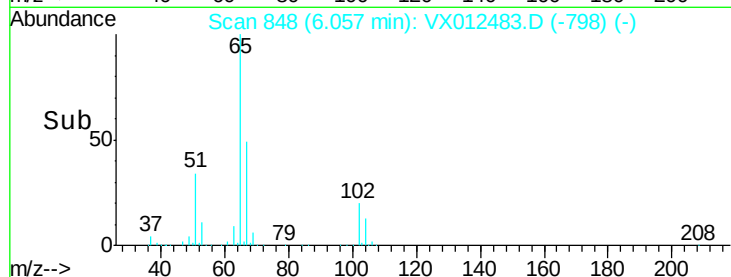
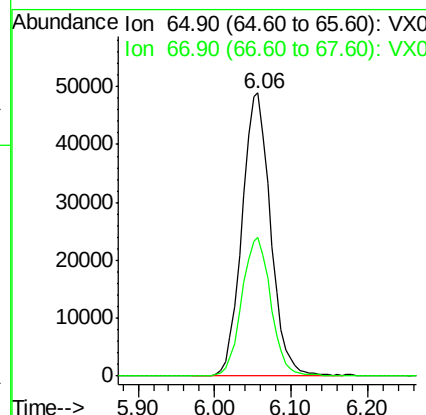
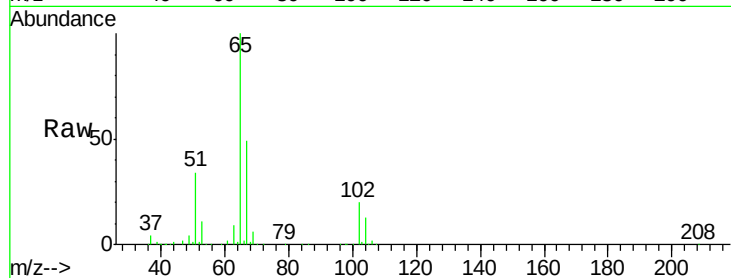




#33
 1,2-Dichloroethane-d4
 Concen: 46.800 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012483.D
 Acq: 18 Sep 2019 18:54

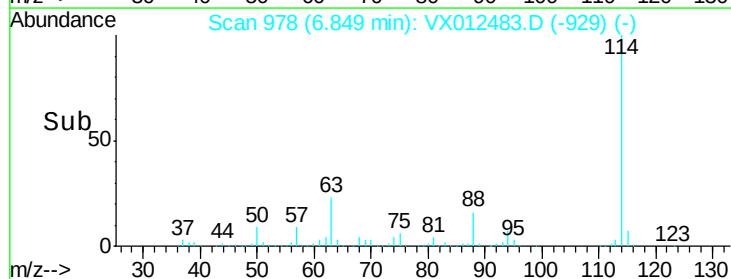
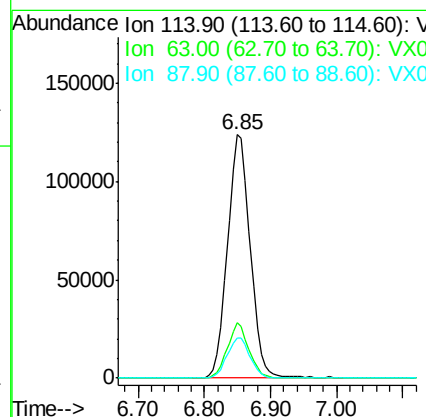
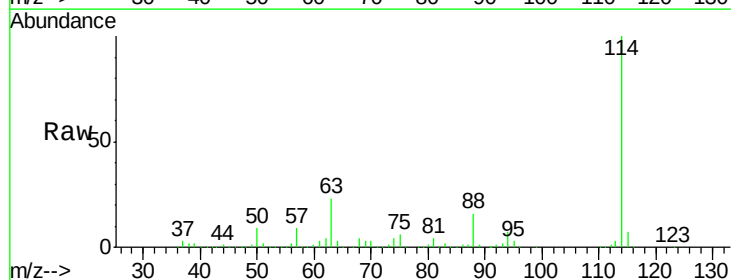
Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D1-20190910

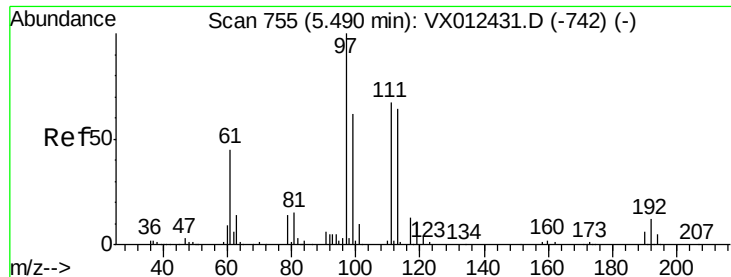
Tot Ion: 65 Resp: 126915
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012483.D
 Acq: 18 Sep 2019 18:54

Tgt Ion: 114 Resp: 295539
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 43.2
 88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.652 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012483.D

Acq: 18 Sep 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

RE135D1-20190910

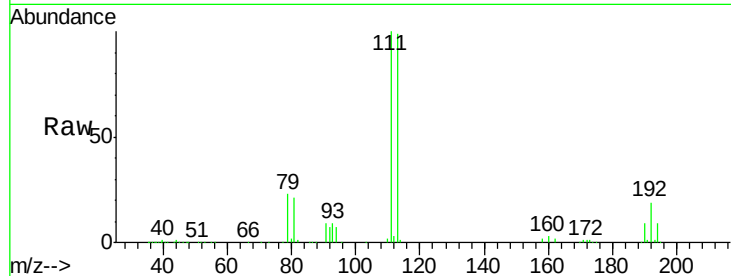
Tot Ion:113 Resp: 88816

Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.2

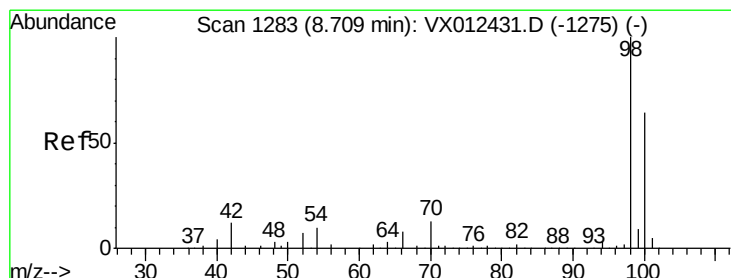
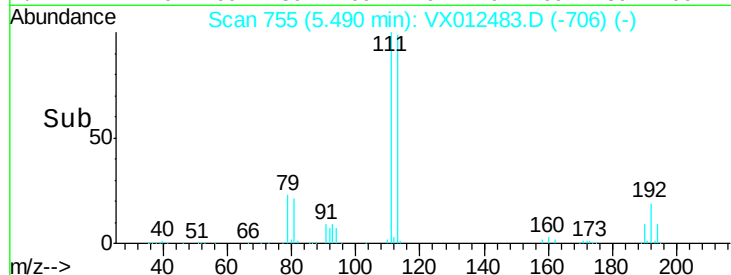
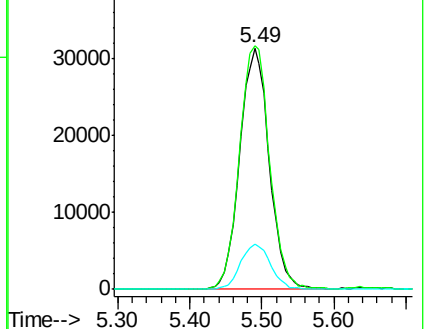
192 19.1 14.4 21.6



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: 50.563 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012483.D

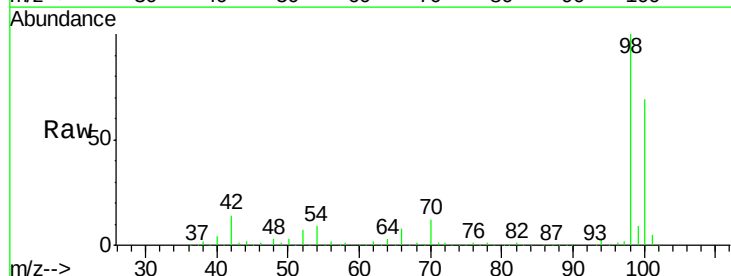
Acq: 18 Sep 2019 18:54

Tgt Ion: 98 Resp: 334777

Ion Ratio Lower Upper

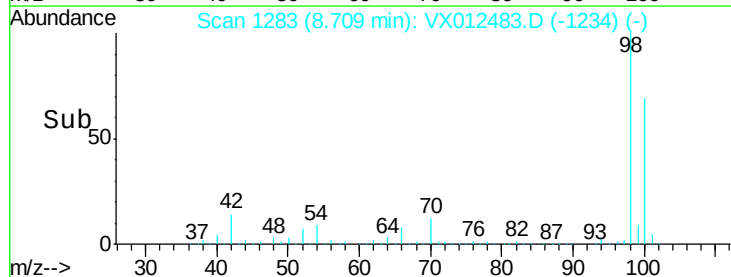
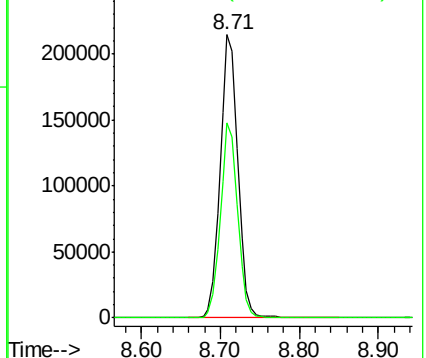
98 100

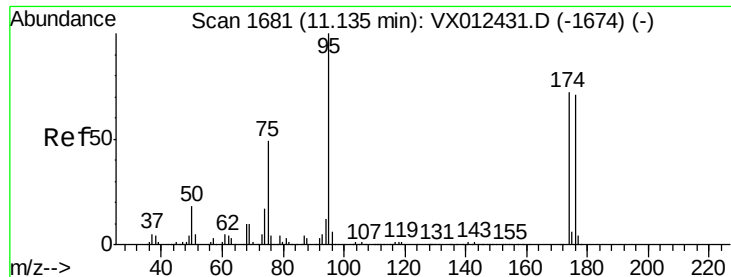
100 67.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.338 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012483.D

Acq: 18 Sep 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

RE135D1-20190910

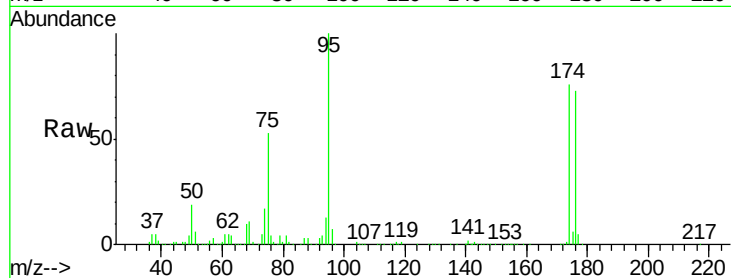
Tot Ion: 95 Resp: 116392

Ion Ratio Lower Upper

95 100

174 71.9 0.0 140.0

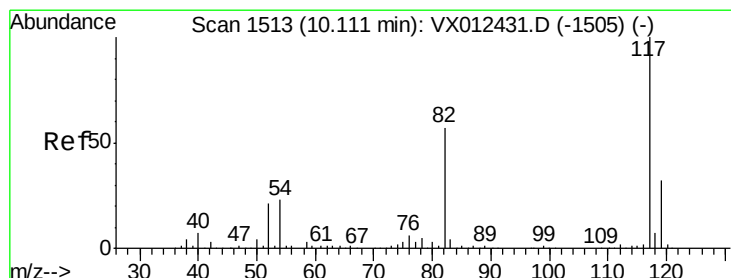
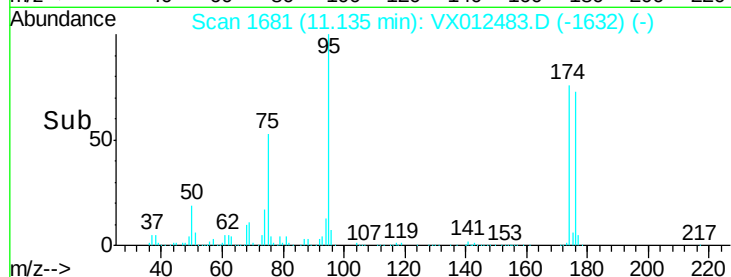
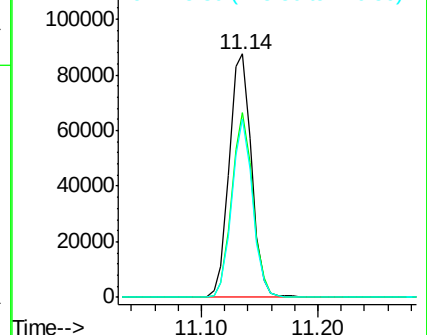
176 68.6 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012483.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012483.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012483.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012483.D

Acq: 18 Sep 2019 18:54

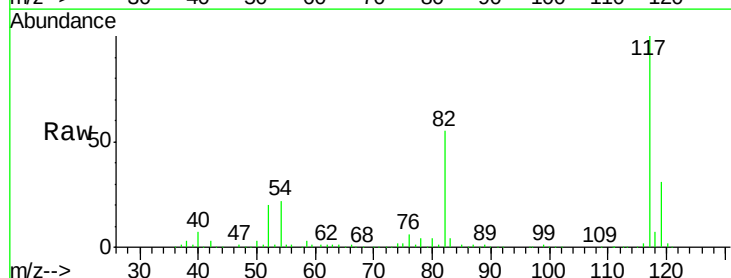
Tgt Ion: 117 Resp: 244417

Ion Ratio Lower Upper

117 100

82 55.3 45.9 68.9

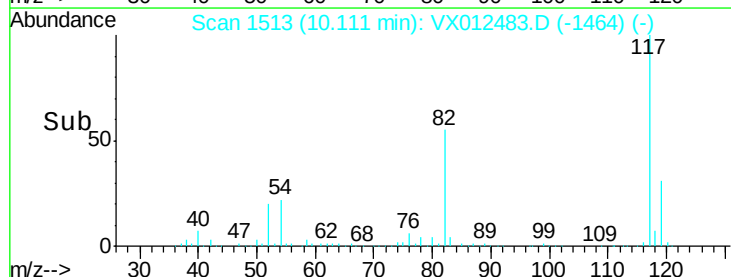
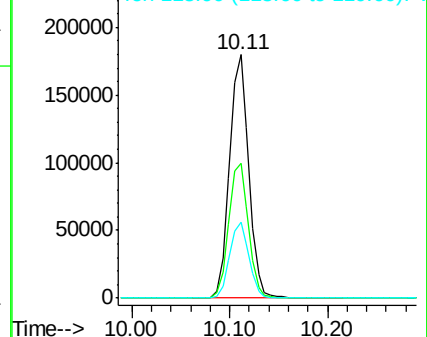
119 31.3 25.3 37.9

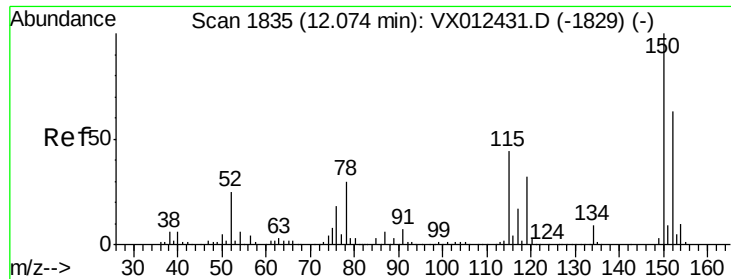


Abundance Ion 116.90 (116.60 to 117.60): VX012483.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012483.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012483.D (-1464) (-)

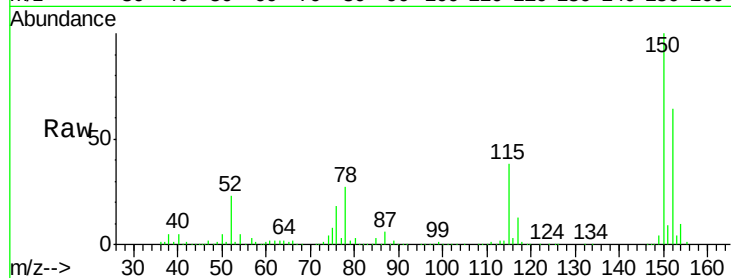




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012483.D
 Acq: 18 Sep 2019 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D1-20190910

Tot Ion:152 Resp: 98576
 Ion Ratio Lower Upper
 152 100
 115 60.5 44.1 132.3
 150 155.3 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

