

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091719\
 Data File : VX012445.D
 Acq On : 17 Sep 2019 20:39
 Operator : JC/SP
 Sample : K4858-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D2-20190910

Quant Time: Sep 18 04:13:12 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

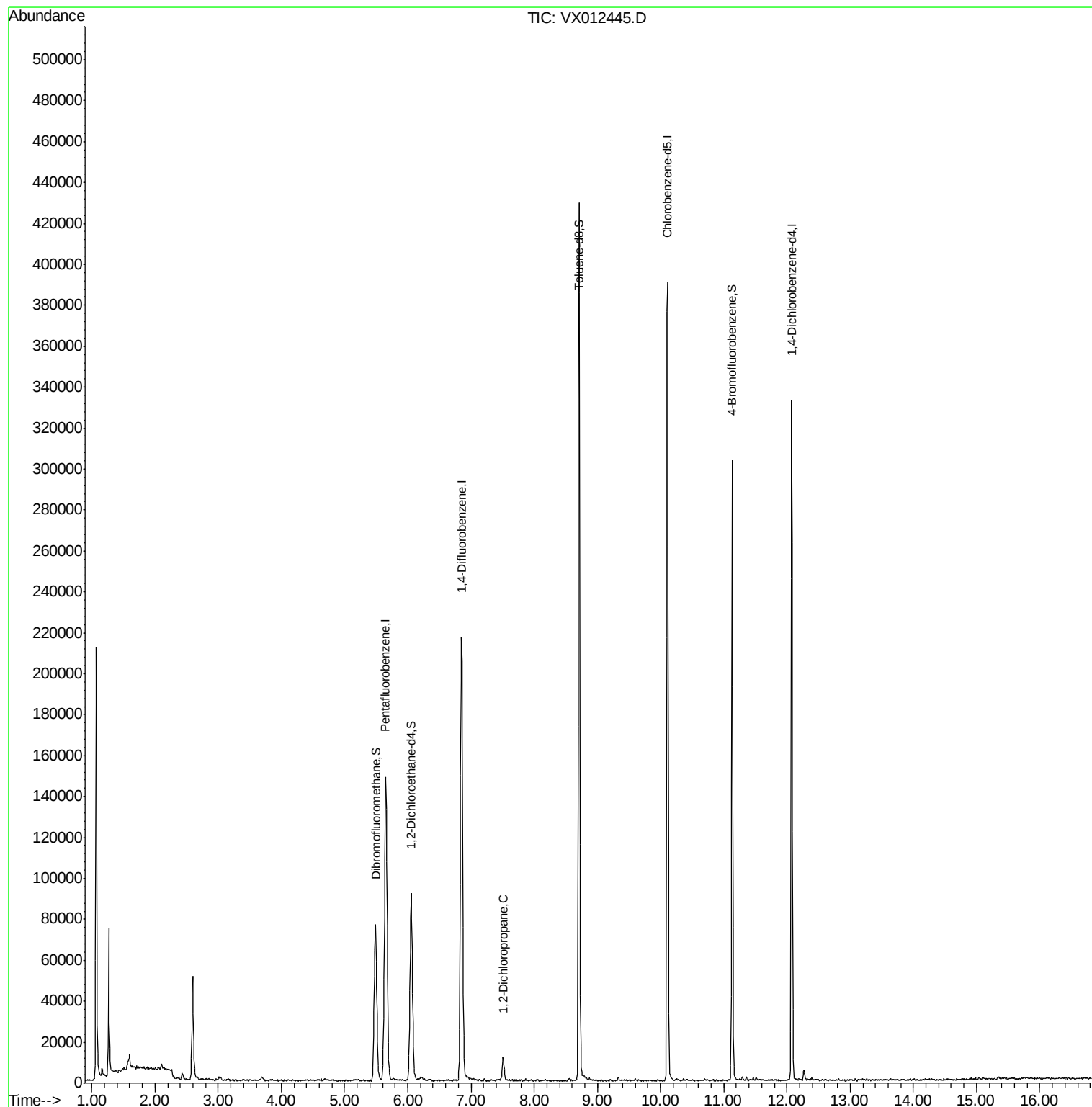
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	131258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	212272	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	172062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	64477	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	90461	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
35) Dibromofluoromethane	5.49	113	65175	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
50) Toluene-d8	8.71	98	242155	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.14	95	82792	41.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.86%	
Target Compounds						
45) 1,2-Dichloropropane	7.50	63	4362	3.461	ug/l	Qvalue 91

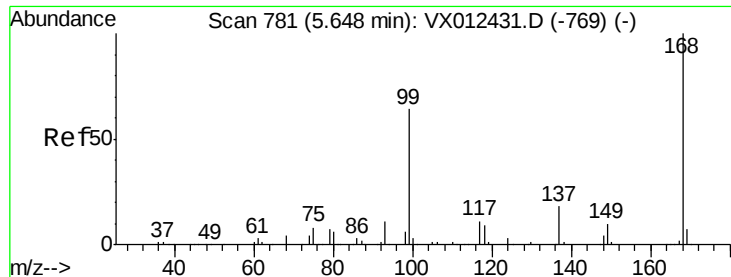
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012445.D

Acq: 17 Sep 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

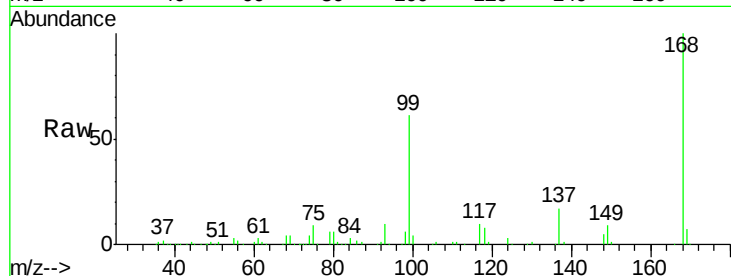
RE135D2-20190910

Tot Ion:168 Resp: 131258

Ion Ratio Lower Upper

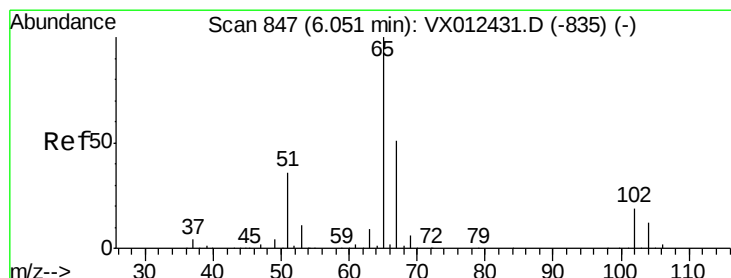
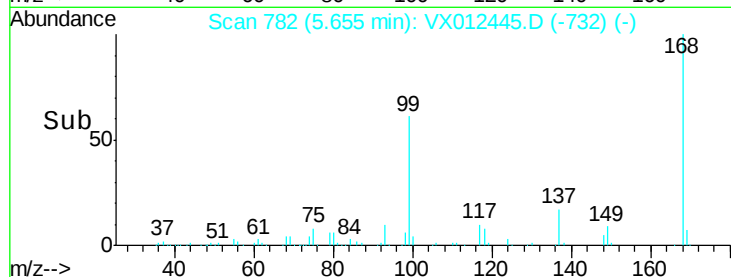
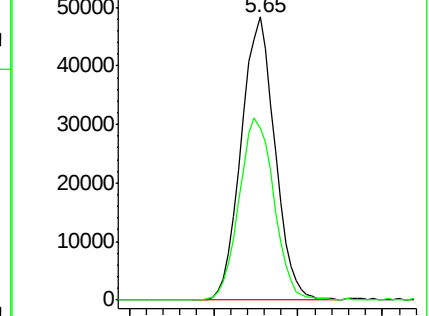
168 100

99 61.0 51.4 77.2



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: 48.087 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012445.D

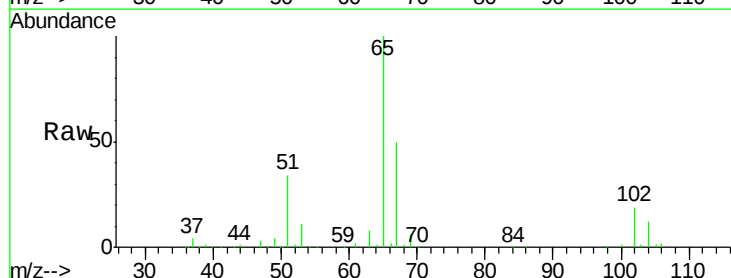
Acq: 17 Sep 2019 20:39

Tgt Ion: 65 Resp: 90461

Ion Ratio Lower Upper

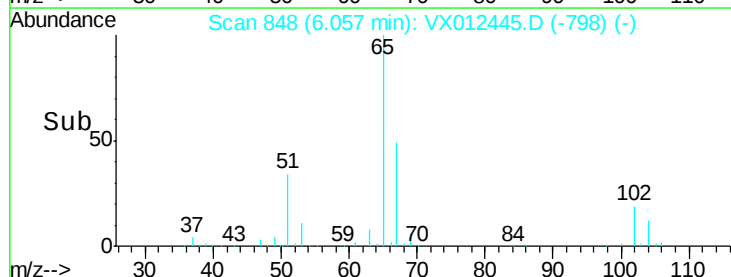
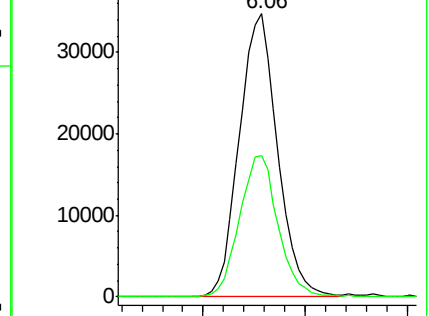
65 100

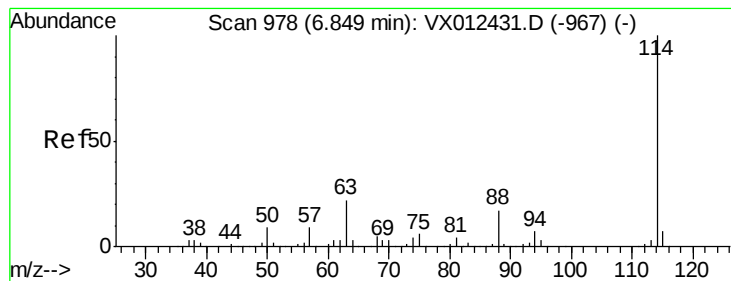
67 50.4 0.0 101.2



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: VX012445.D

Acq: 17 Sep 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

RE135D2-20190910

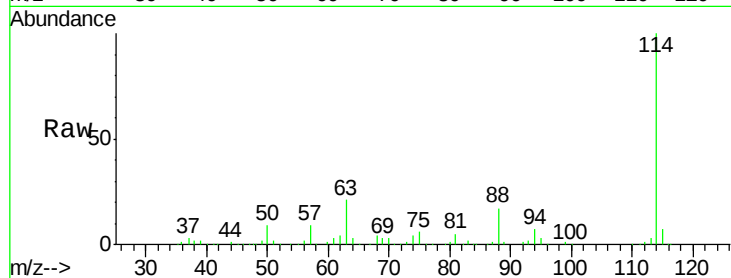
Tot Ion:114 Resp: 212272

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

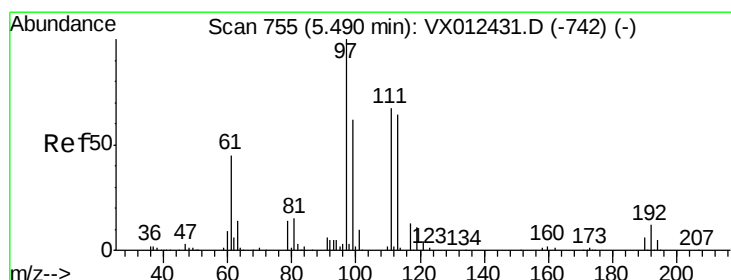
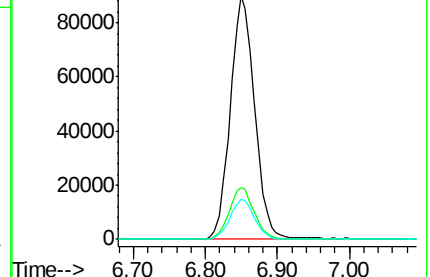
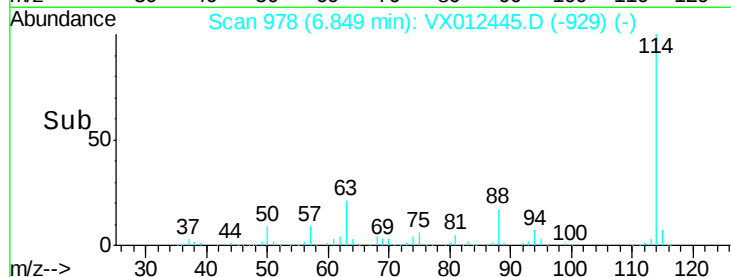
88 16.5 0.0 33.2



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: 50.728 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012445.D

Acq: 17 Sep 2019 20:39

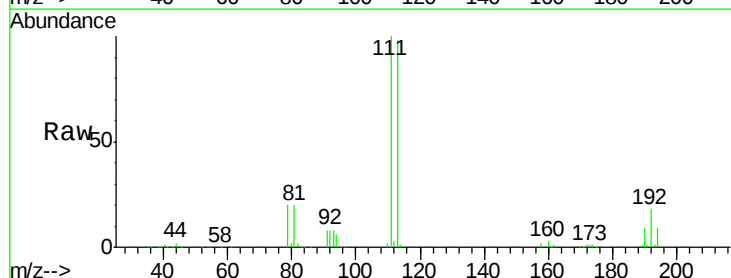
Tgt Ion:113 Resp: 65175

Ion Ratio Lower Upper

113 100

111 99.9 83.4 125.2

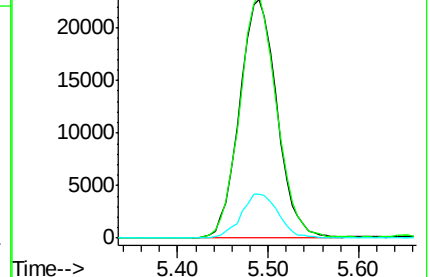
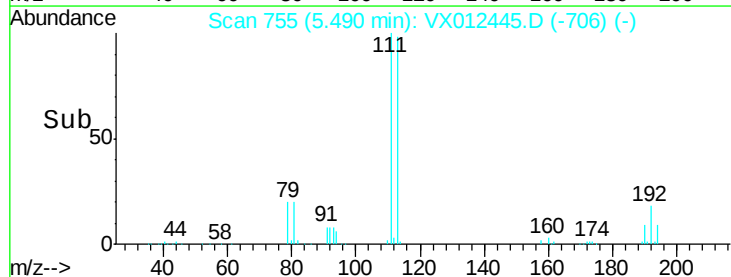
192 18.4 14.4 21.6

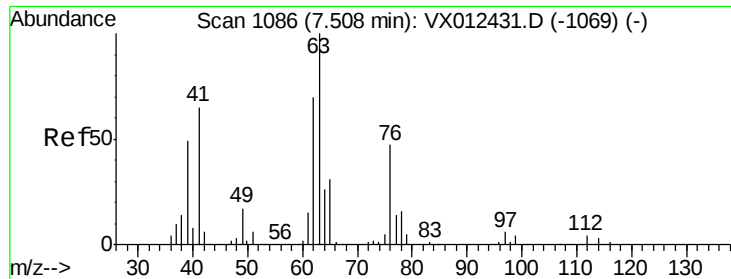


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#45

1,2-Dichloropropane

Concen: 3.461 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX012445.D

Acq: 17 Sep 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

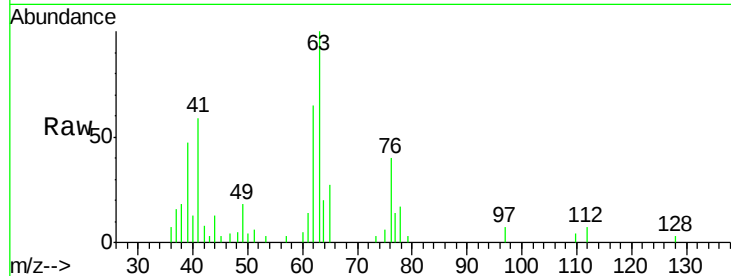
RE135D2-20190910

Tot Ion: 63 Resp: 4362

Ion Ratio Lower Upper

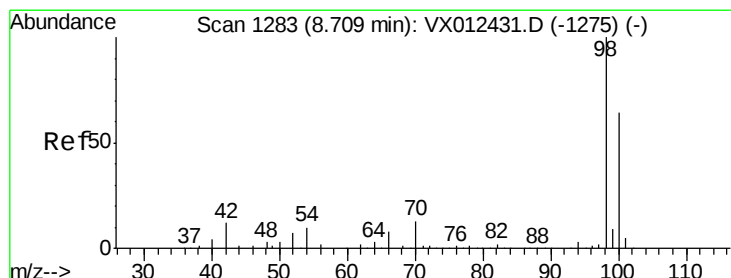
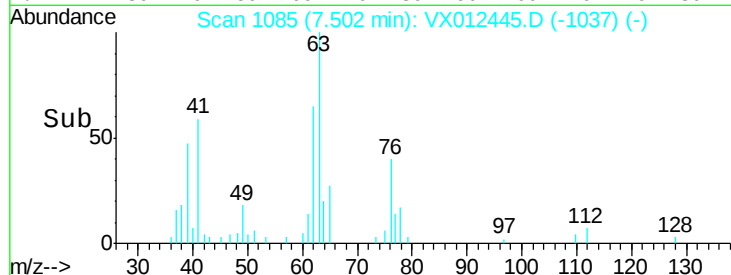
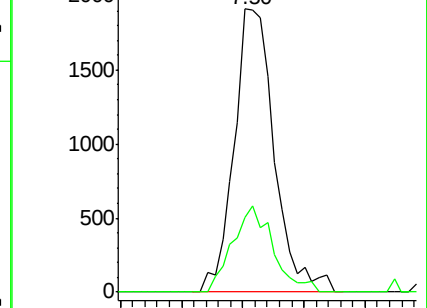
63 100

65 26.6 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#50

Toluene-d8

Concen: 50.920 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012445.D

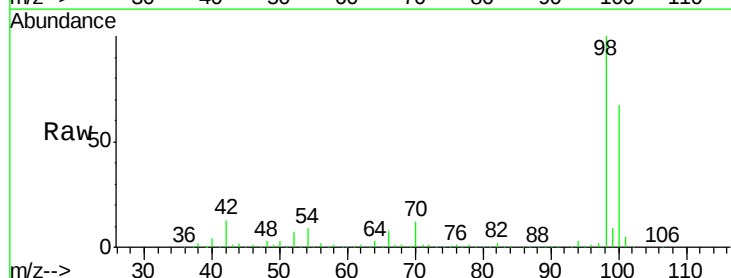
Acq: 17 Sep 2019 20:39

Tgt Ion: 98 Resp: 242155

Ion Ratio Lower Upper

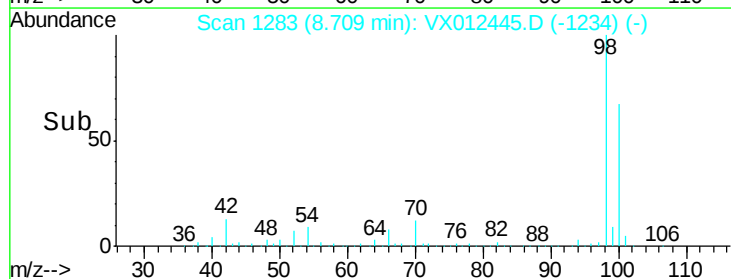
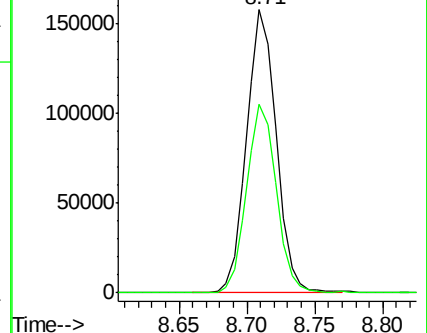
98 100

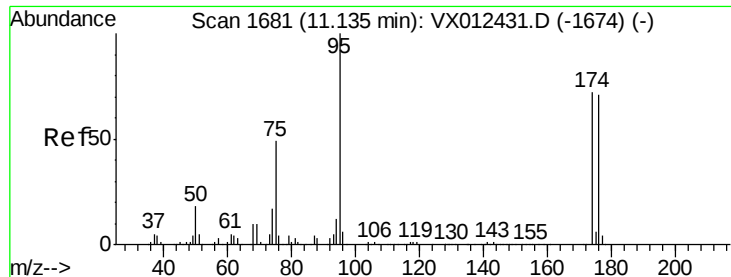
100 66.9 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

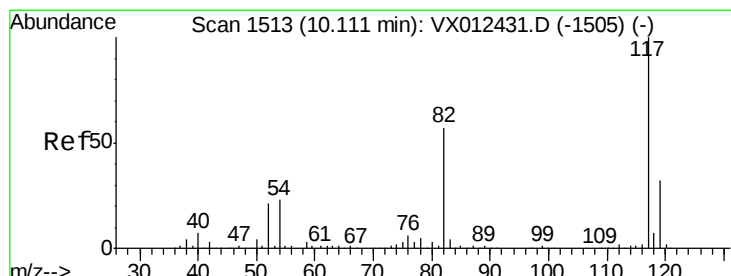
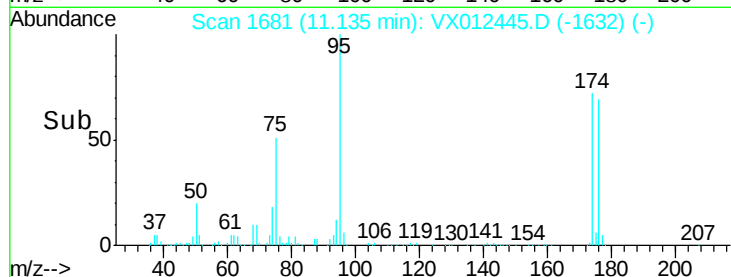
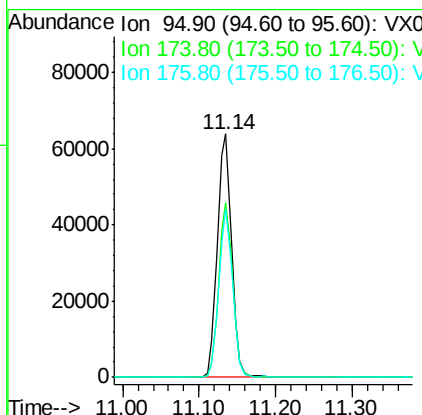
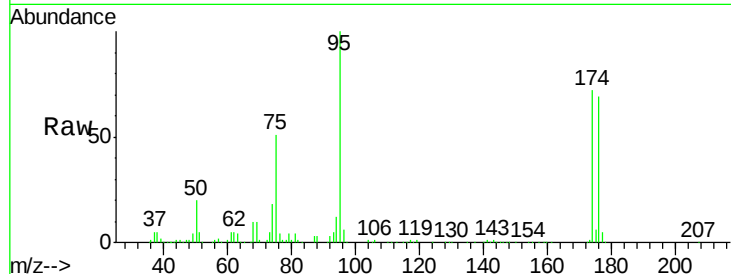




#62
4-Bromofluorobenzene
Concen: 41.929 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012445.D
Acq: 17 Sep 2019 20:39

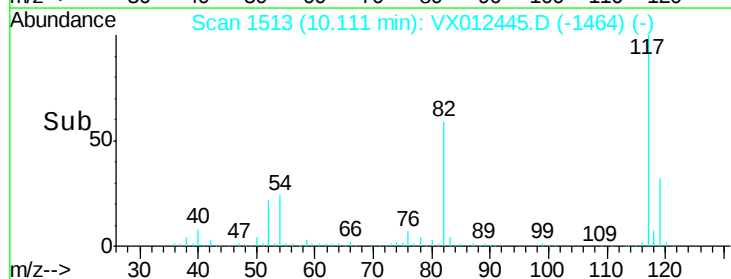
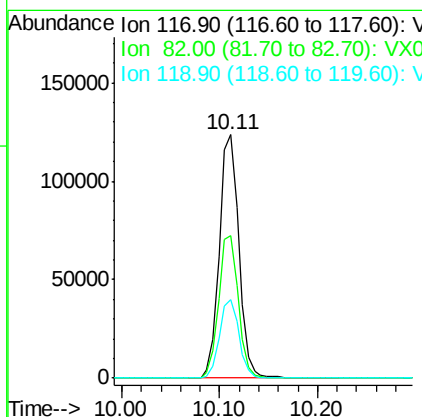
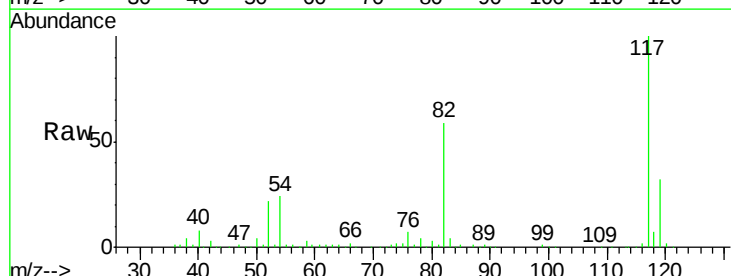
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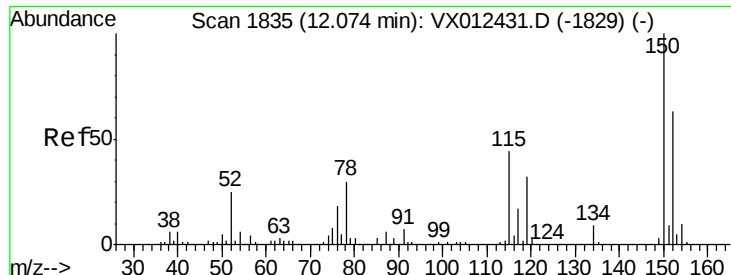
Tot Ion: 95 Resp: 82792
Ion Ratio Lower Upper
95 100
174 69.8 0.0 140.0
176 66.6 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012445.D
Acq: 17 Sep 2019 20:39

Tgt Ion: 117 Resp: 172062
Ion Ratio Lower Upper
117 100
82 58.6 45.9 68.9
119 32.0 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012445.D
 Acq: 17 Sep 2019 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D2-20190910

Tot Ion:152 Resp: 64477
 Ion Ratio Lower Upper
 152 100
 115 61.1 44.1 132.3
 150 154.5 0.0 343.8

