

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100219\
 Data File : VX012766.D
 Acq On : 02 Oct 2019 18:00
 Operator : JC/SP
 Sample : K5159-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-191001

Quant Time: Oct 03 11:00:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	174103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	303568	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101791	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	122722	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
35) Dibromofluoromethane	5.49	113	92052	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
50) Toluene-d8	8.71	98	358470	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	
62) 4-Bromofluorobenzene	11.13	95	122448	44.73	ug/l	0.00
Spiked Amount			Recovery	=	89.46%	

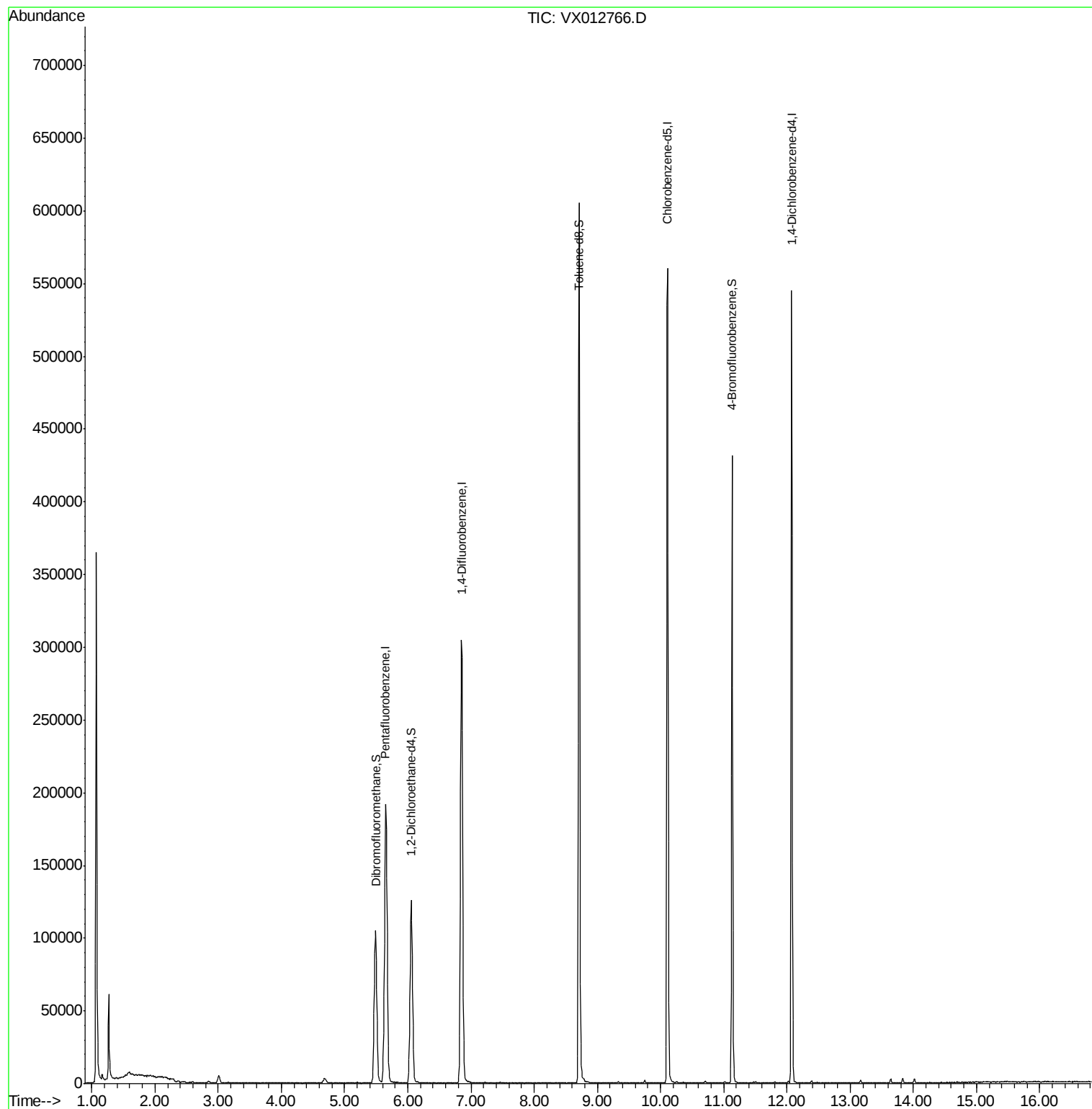
Target Compounds	Qvalue
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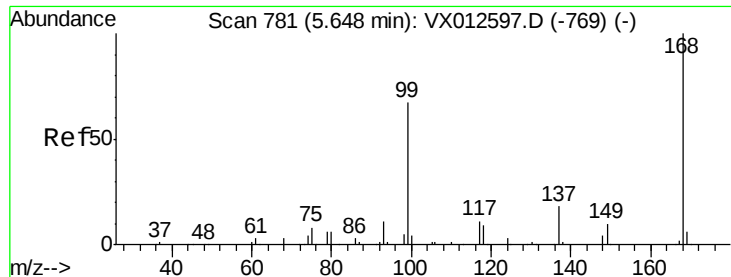
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012766.D

Acq: 02 Oct 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

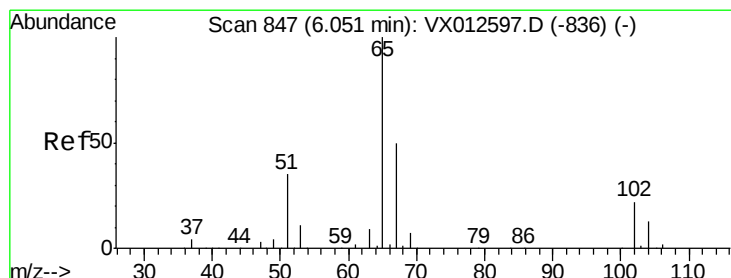
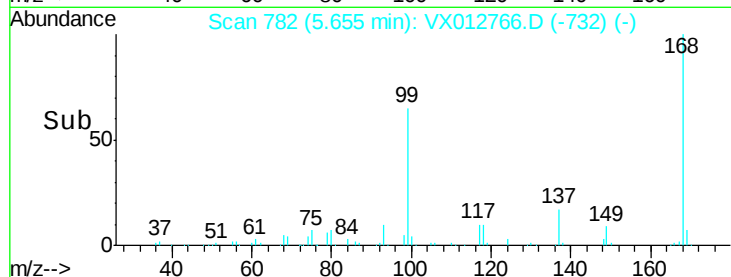
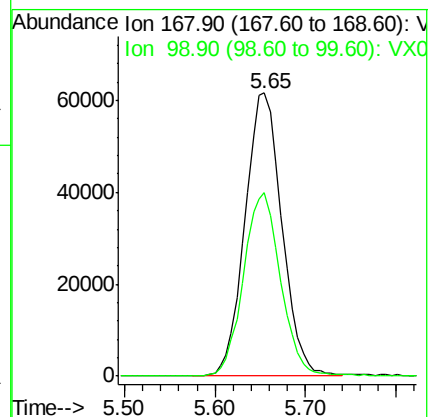
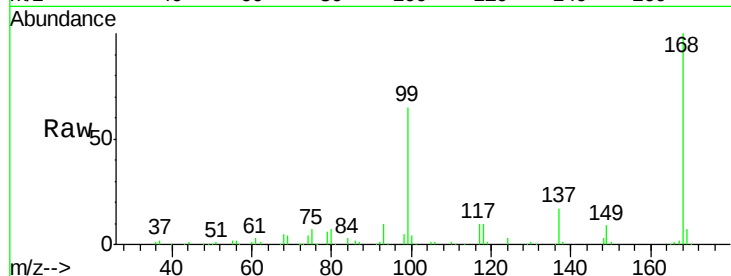
TB-01-191001

Tot Ion:168 Resp: 174103

Ion Ratio Lower Upper

168 100

99 64.8 51.4 77.2



#33

1,2-Dichloroethane-d4

Concen: 48.406 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012766.D

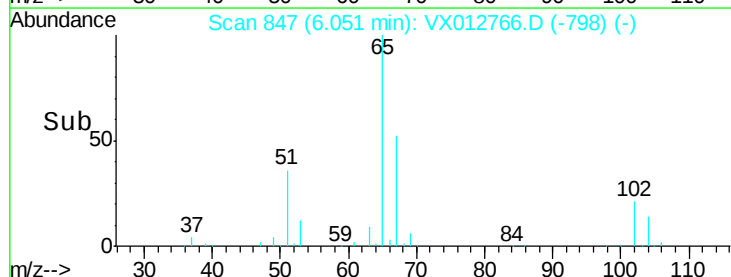
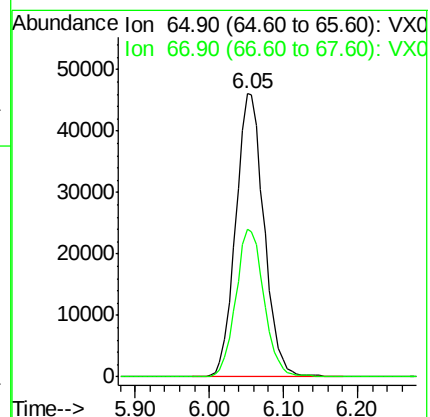
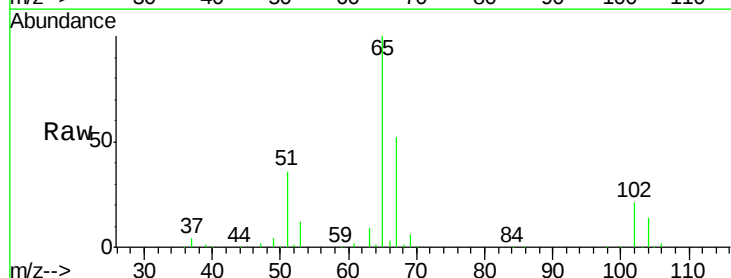
Acq: 02 Oct 2019 18:00

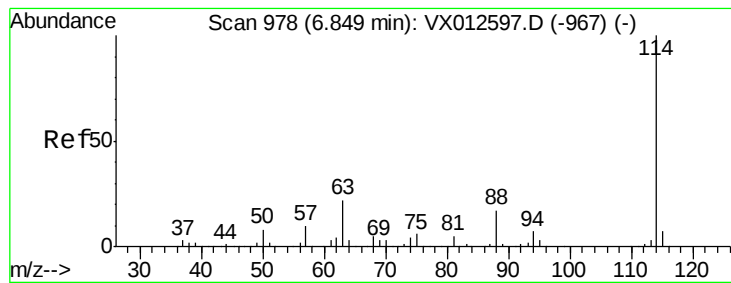
Tgt Ion: 65 Resp: 122722

Ion Ratio Lower Upper

65 100

67 52.0 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: VX012766.D

Acq: 02 Oct 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

TB-01-191001

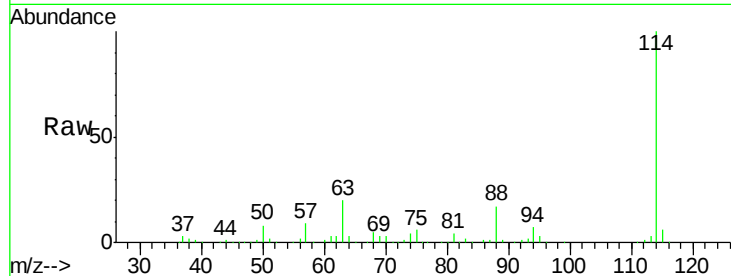
Tot Ion:114 Resp: 303568

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

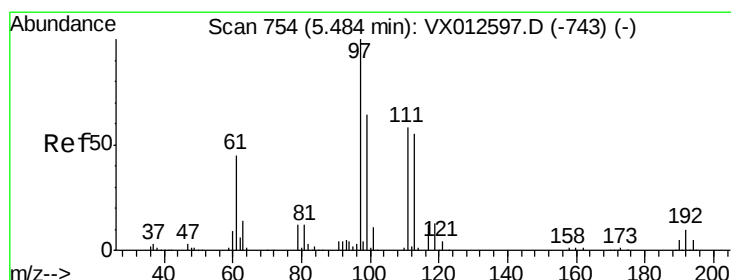
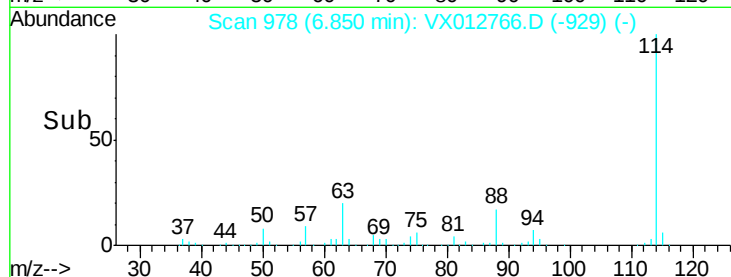
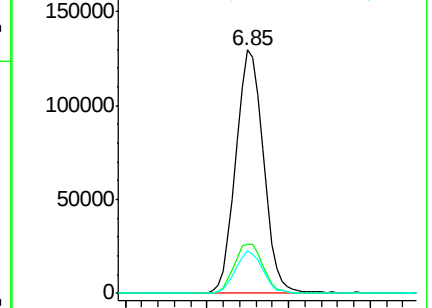
88 17.4 0.0 33.2



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: 50.917 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012766.D

Acq: 02 Oct 2019 18:00

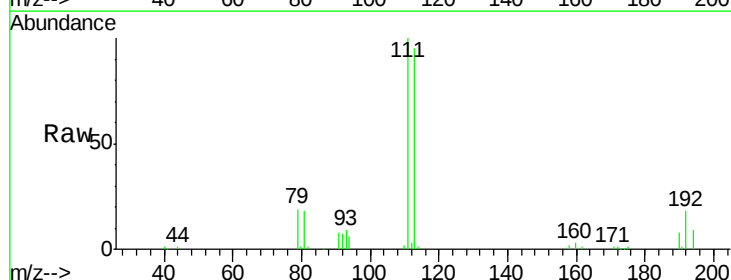
Tgt Ion:113 Resp: 92052

Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.2

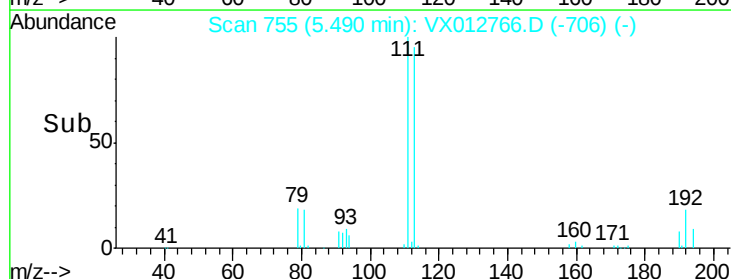
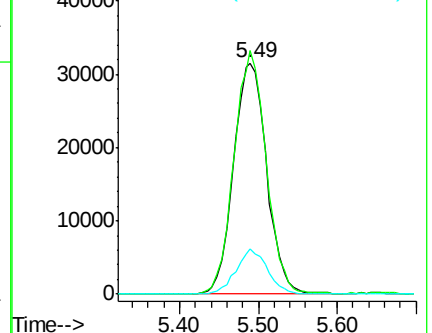
192 18.4 14.4 21.6

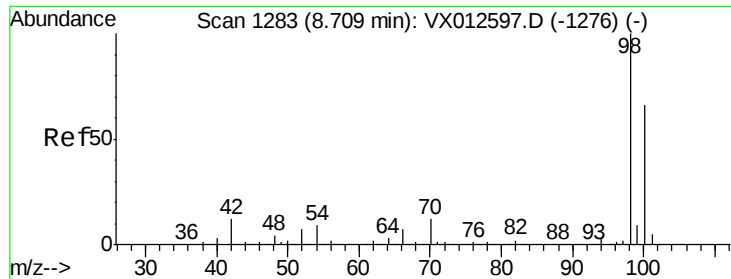


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

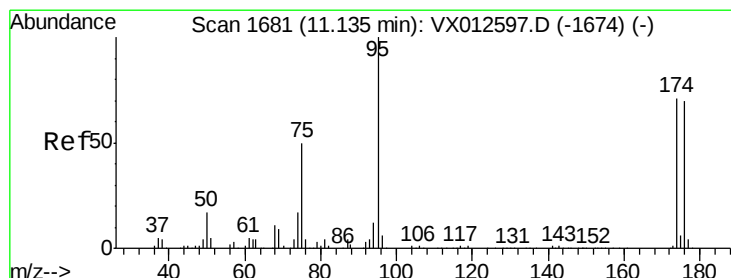
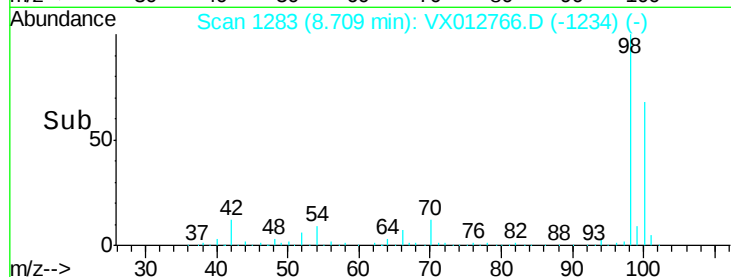
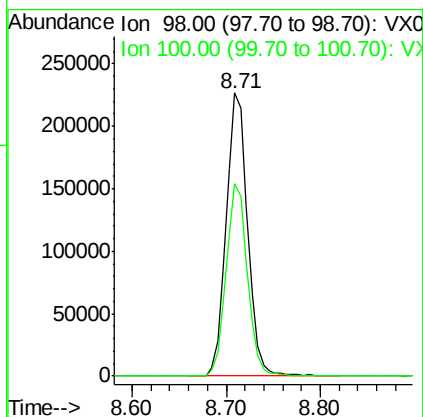
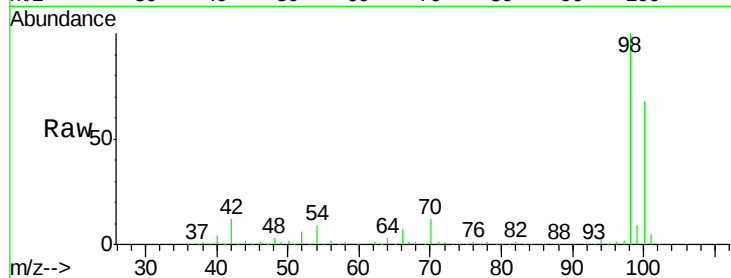




#50
Toluene-d8
Concen: 51.488 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012766.D
Acq: 02 Oct 2019 18:00

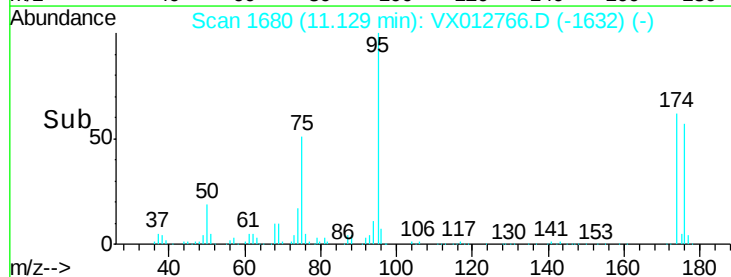
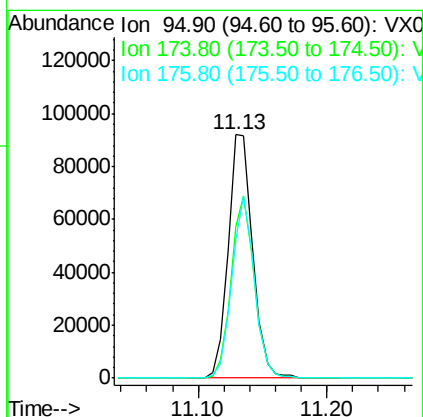
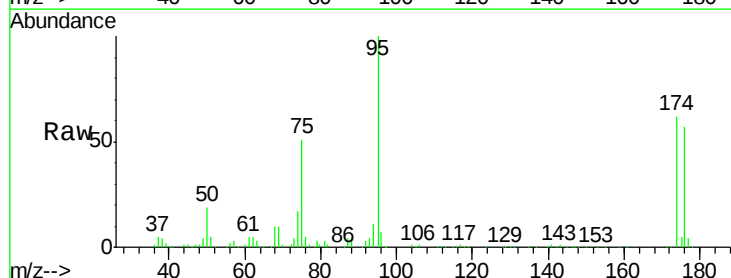
Instrument :
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TB-01-191001

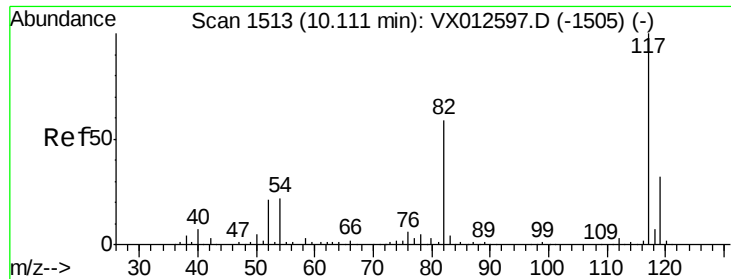
Tot Ion: 98 Resp: 358470
Ion Ratio Lower Upper
98 100
100 67.6 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 44.729 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012766.D
Acq: 02 Oct 2019 18:00

Tgt Ion: 95 Resp: 122448
Ion Ratio Lower Upper
95 100
174 71.1 0.0 140.0
176 69.0 0.0 135.4

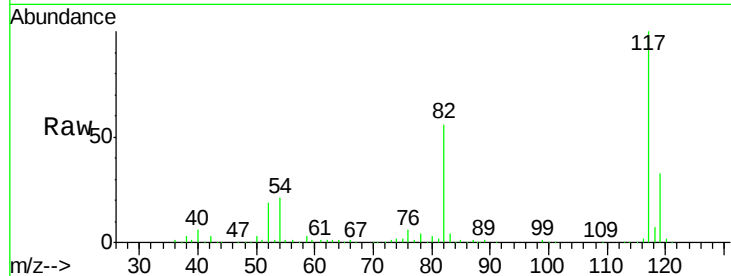




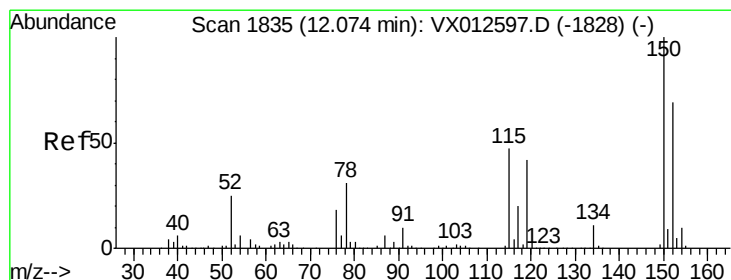
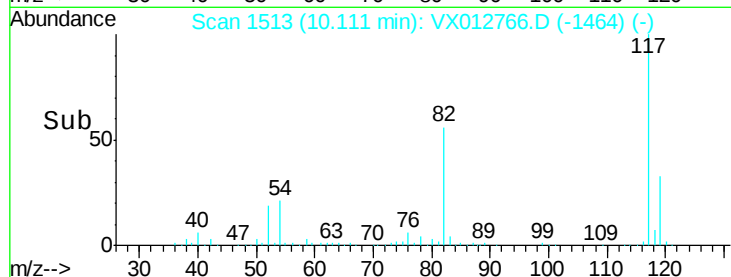
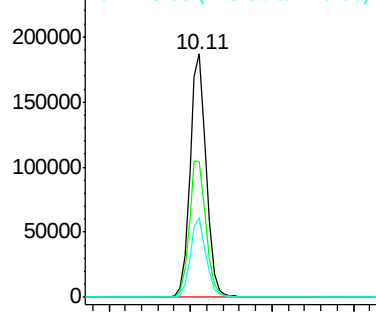
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012766.D
Acq: 02 Oct 2019 18:00

Instrument :
MSVOA_X
ClientSampled :
TB-01-191001

Tot Ion:117 Resp: 260120
Ion Ratio Lower Upper
117 100
82 55.7 45.9 68.9
119 32.7 25.3 37.9

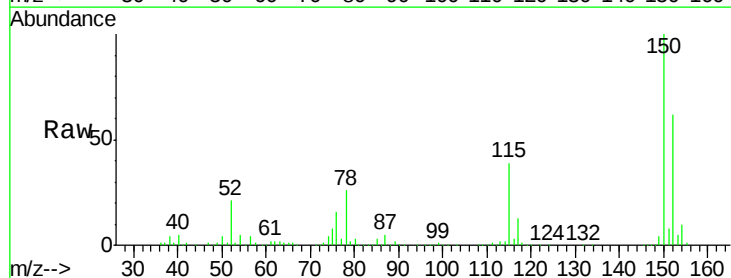


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012766.D
Acq: 02 Oct 2019 18:00

Tgt Ion:152 Resp: 101791
Ion Ratio Lower Upper
152 100
115 64.6 44.1 132.3
150 161.1 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

