

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010828.D
 Acq On : 12 Jul 2019 12:09
 Operator : JC/SP
 Sample : K3782-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LC-TB03-190711

Quant Time: Jul 13 02:10:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	353677	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	321107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146234	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	115348	54.40	ug/l	0.00
Spiked Amount						
			Recovery	=	108.80%	
35) Dibromofluoromethane	5.50	113	108966	50.36	ug/l	0.00
Spiked Amount						
			Recovery	=	100.72%	
50) Toluene-d8	8.71	98	424584	51.29	ug/l	0.00
Spiked Amount						
			Recovery	=	102.58%	
62) 4-Bromofluorobenzene	11.13	95	143829	48.12	ug/l	0.00
Spiked Amount						
			Recovery	=	96.24%	

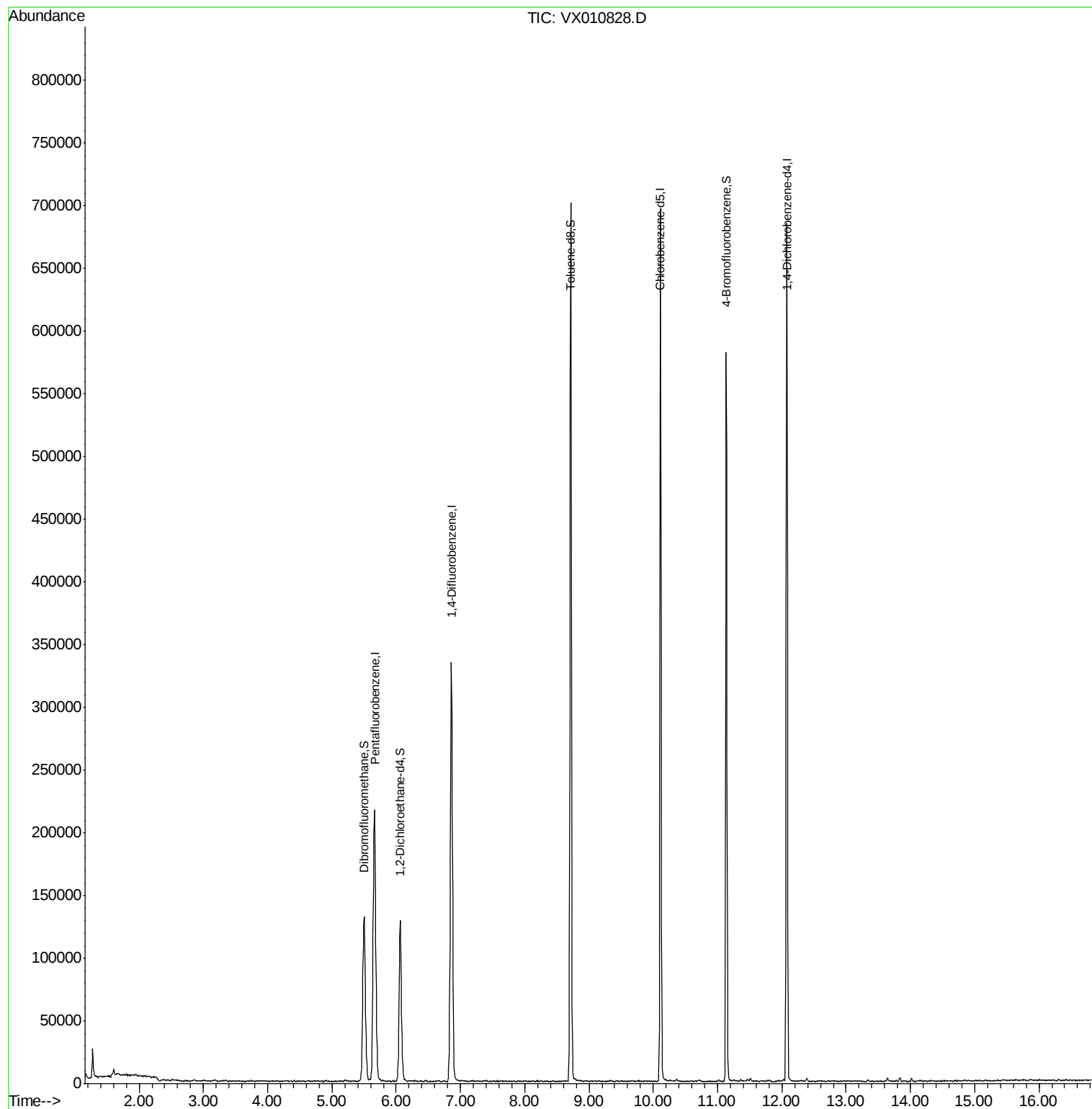
Target Compounds	Qvalue
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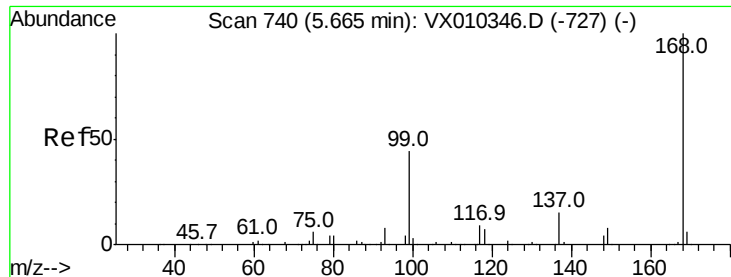
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010828.D

Acq: 12 Jul 2019 12:09

Instrument :

MSVOA_X

ClientSampleId :

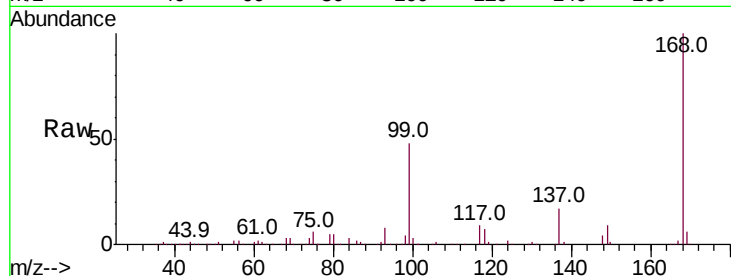
LC-TB03-190711

Tot Ion:168 Resp: 226140

Ion Ratio Lower Upper

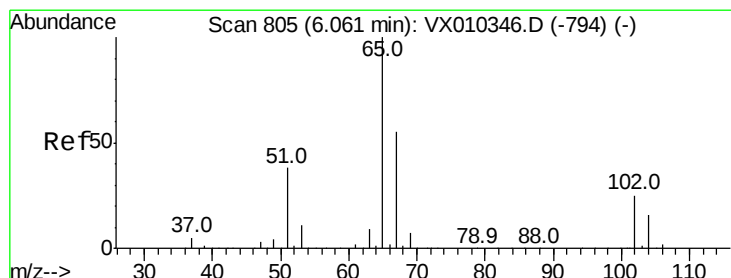
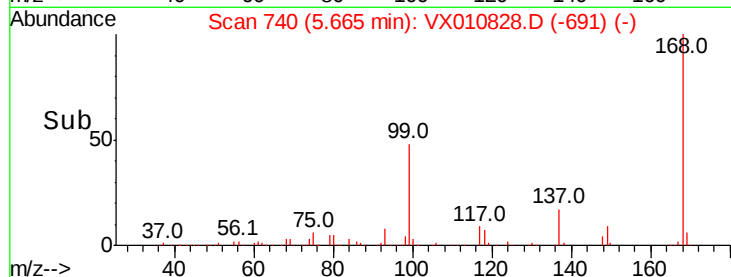
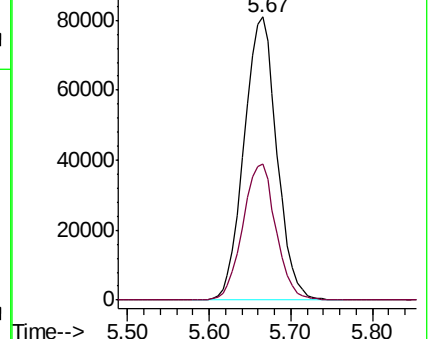
168 100

99 48.0 35.5 53.3



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: 54.402 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010828.D

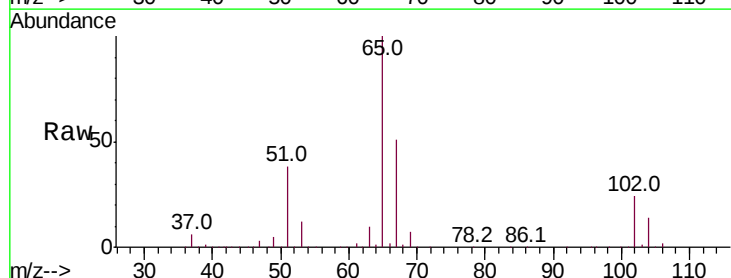
Acq: 12 Jul 2019 12:09

Tgt Ion: 65 Resp: 115348

Ion Ratio Lower Upper

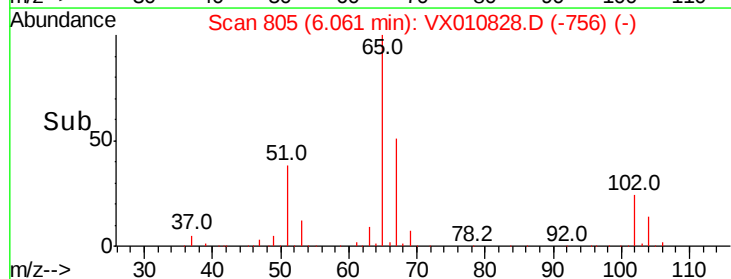
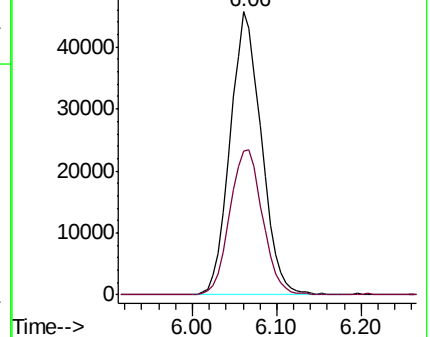
65 100

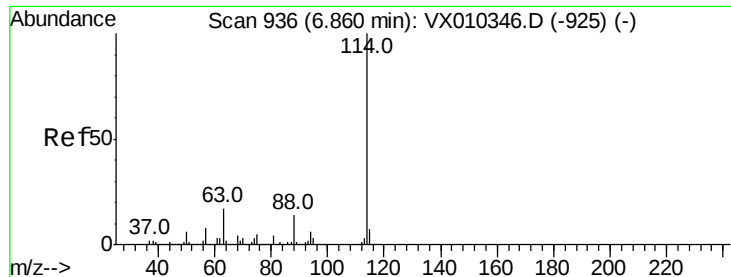
67 53.8 0.0 110.2



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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010828.D

Acq: 12 Jul 2019 12:09

Instrument :

MSVOA_X

ClientSampleId :

LC-TB03-190711

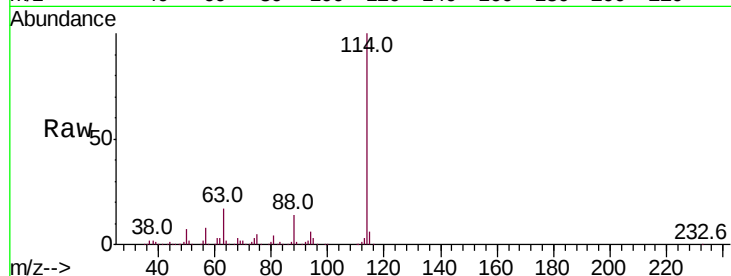
Tot Ion:114 Resp: 353677

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.8

88 14.2 0.0 27.6

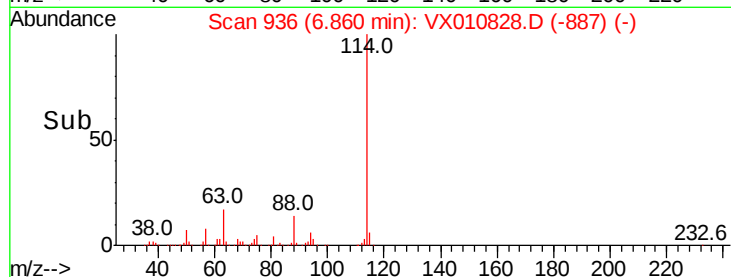


Abundance Ion 113.90 (113.60 to 114.60): V

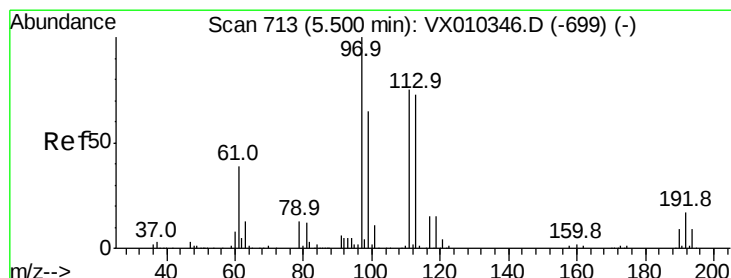
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86



Time--> 6.70 6.80 6.90 7.00



#35

Dibromofluoromethane

Concen: 50.356 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010828.D

Acq: 12 Jul 2019 12:09

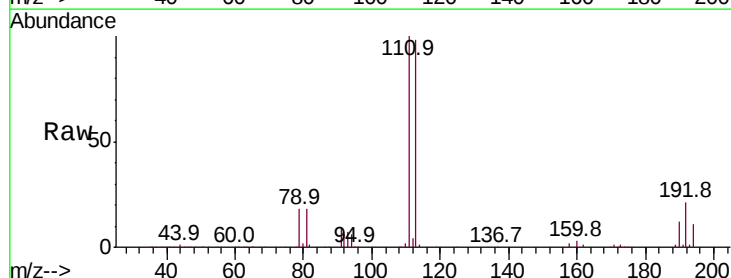
Tgt Ion:113 Resp: 108966

Ion Ratio Lower Upper

113 100

111 103.3 81.2 121.8

192 22.5 18.6 27.8

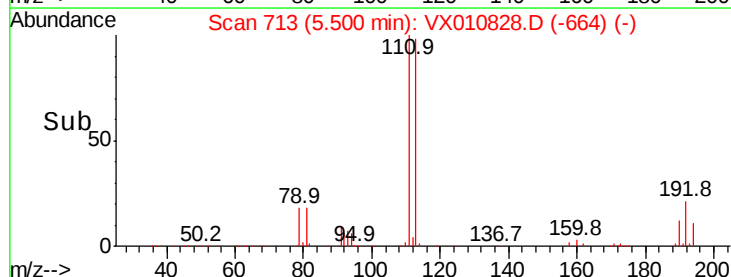


Abundance Ion 112.80 (112.50 to 113.50): V

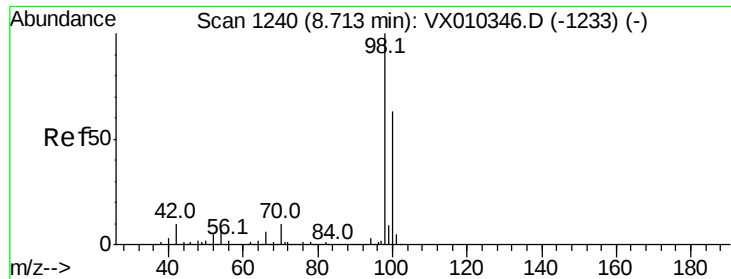
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.50



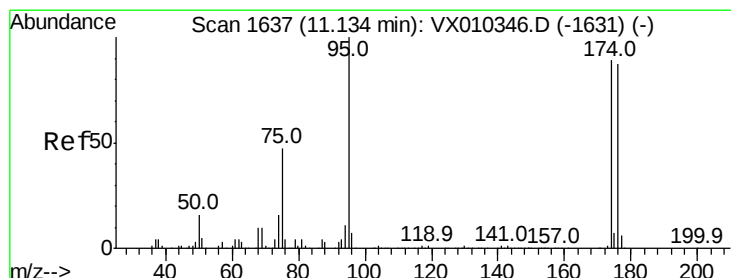
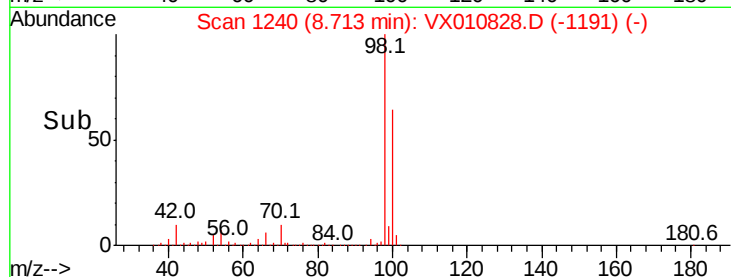
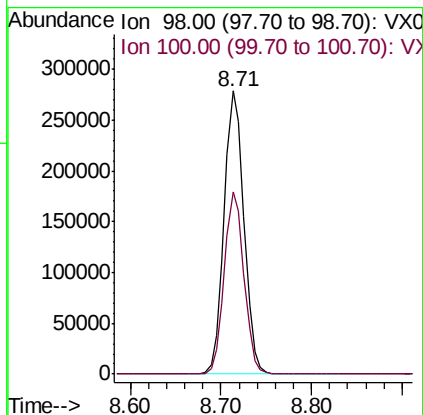
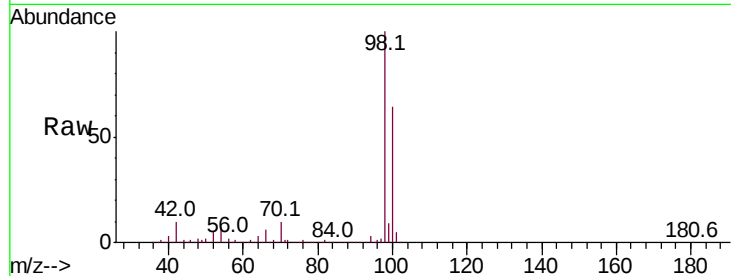
Time--> 5.40 5.50 5.60



#50
Toluene-d8
Concen: 51.286 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010828.D
Acq: 12 Jul 2019 12:09

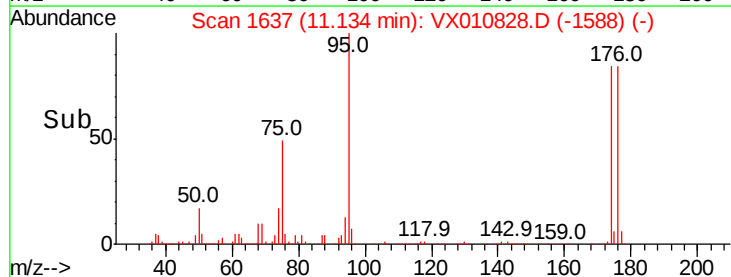
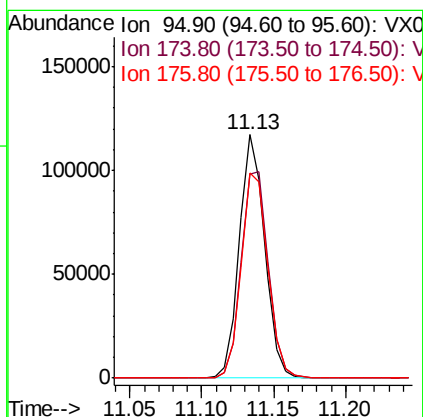
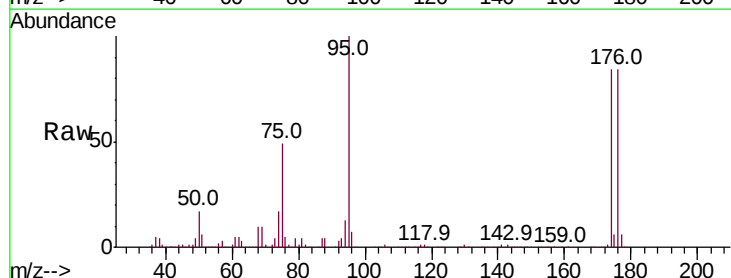
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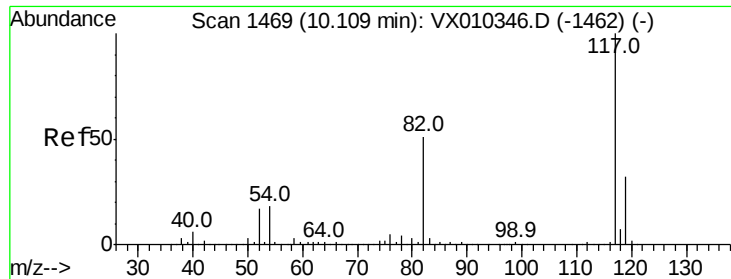
Tot Ion: 98 Resp: 424584
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 48.122 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010828.D
Acq: 12 Jul 2019 12:09

Tgt Ion: 95 Resp: 143829
Ion Ratio Lower Upper
95 100
174 90.6 0.0 187.6
176 88.3 0.0 184.0

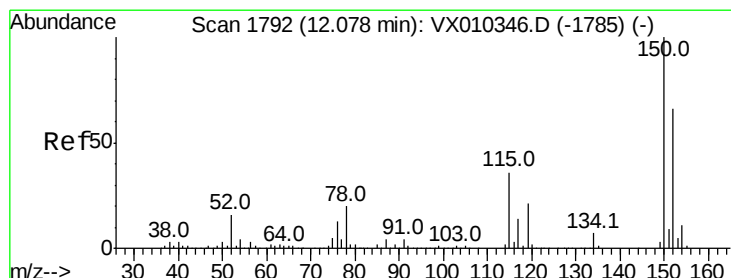
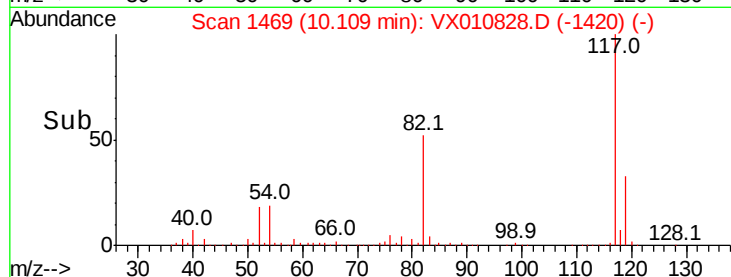
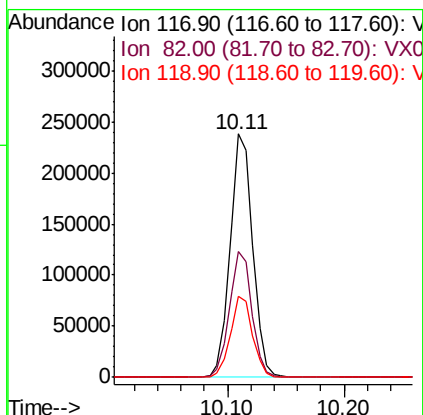
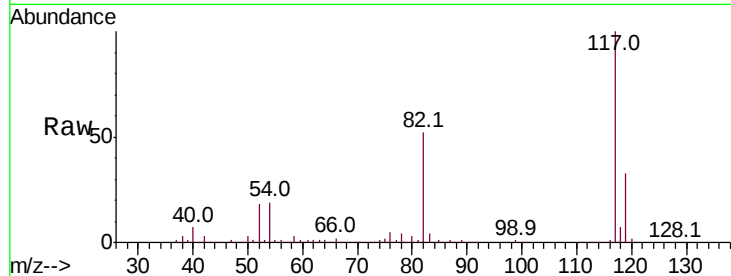




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010828.D
Acq: 12 Jul 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
LC-TB03-190711

Tot Ion:117 Resp: 321107
Ion Ratio Lower Upper
117 100
82 52.0 41.2 61.8
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010828.D
Acq: 12 Jul 2019 12:09

Tgt Ion:152 Resp: 146234
Ion Ratio Lower Upper
152 100
115 55.1 38.6 115.7
150 157.6 0.0 347.4

