

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080219\
 Data File : VX011304.D
 Acq On : 02 Aug 2019 14:56
 Operator : JC/SP
 Sample : K4145-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-TB-20190731

Quant Time: Aug 03 06:46:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	145457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	235700	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	220908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	101340	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	77531	52.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.86%	
35) Dibromofluoromethane	5.49	113	73853	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
50) Toluene-d8	8.71	98	282472	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	11.13	95	94853	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	

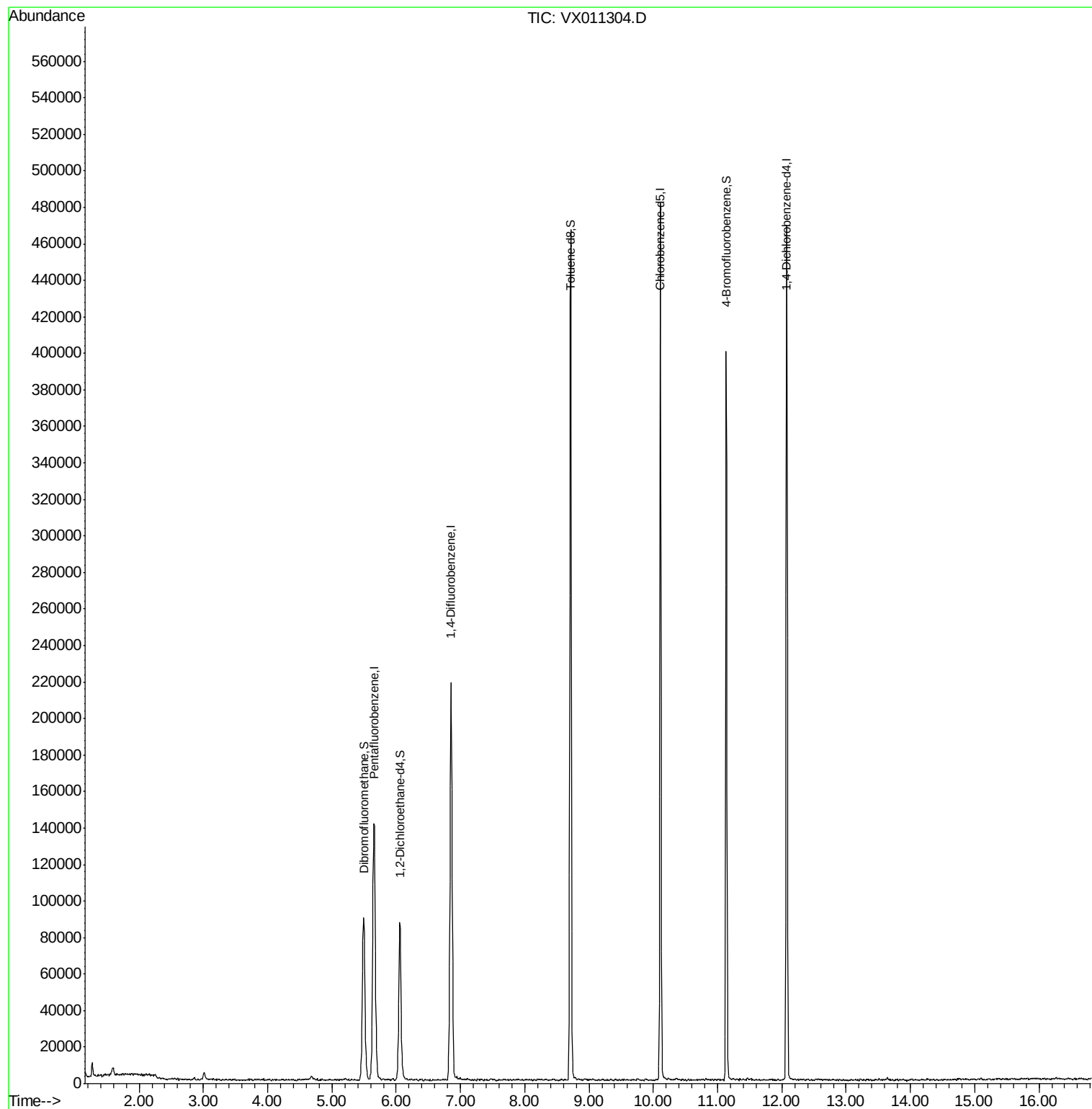
Target Compounds Qvalue

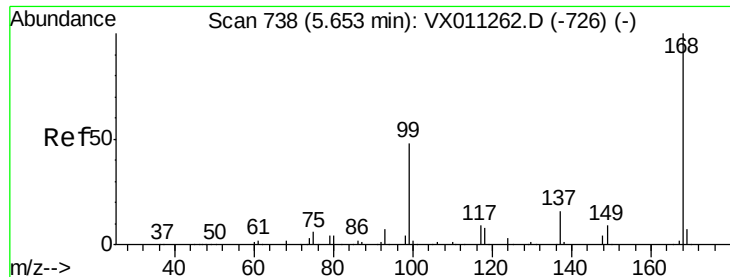
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011304.D

Acq: 02 Aug 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

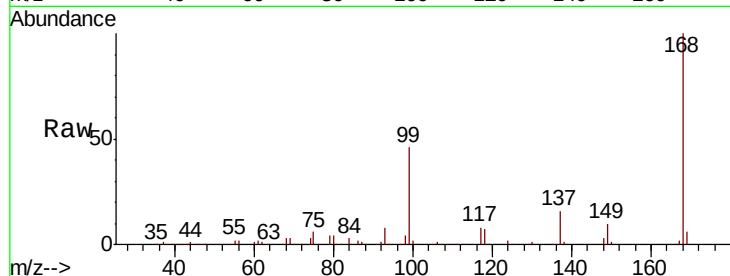
BP-VPB203-TB-20190731

Tot Ion:168 Resp: 145457

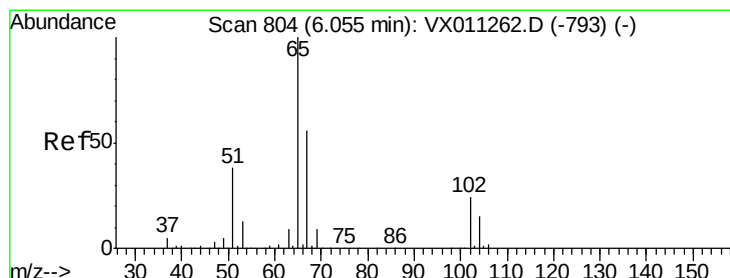
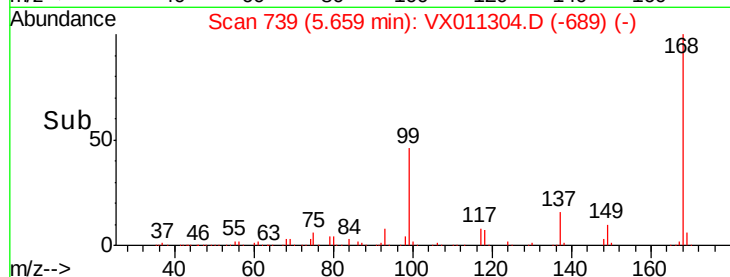
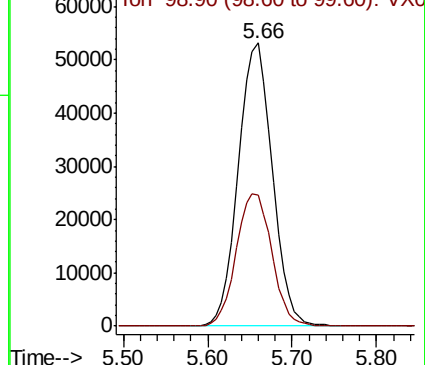
Ion Ratio Lower Upper

168 100

99 46.5 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): VX011262.D (-726) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.928 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX011304.D

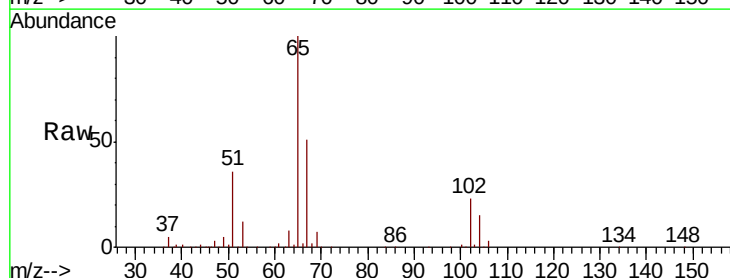
Acq: 02 Aug 2019 14:56

Tgt Ion: 65 Resp: 77531

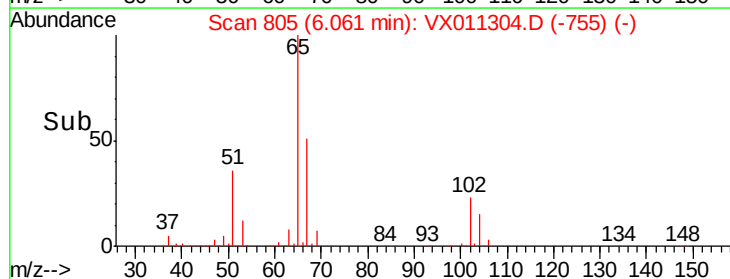
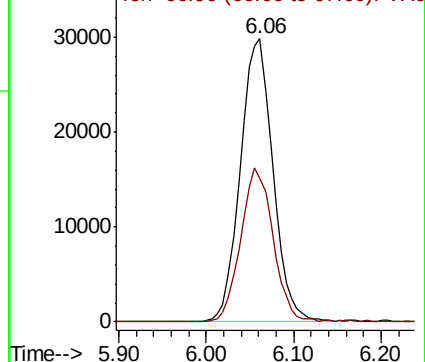
Ion Ratio Lower Upper

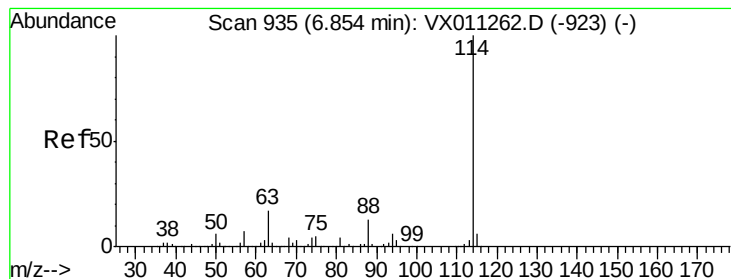
65 100

67 54.2 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX011262.D (-793) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011304.D

Acq: 02 Aug 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-TB-20190731

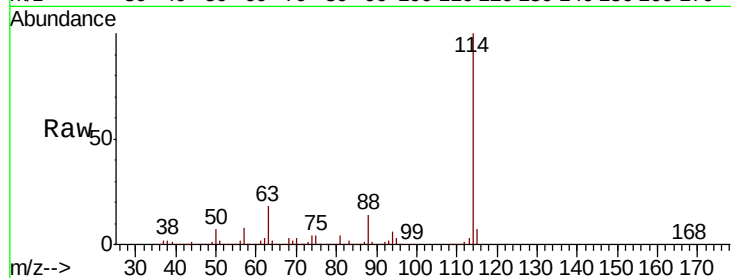
Tot Ion:114 Resp: 235700

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.0

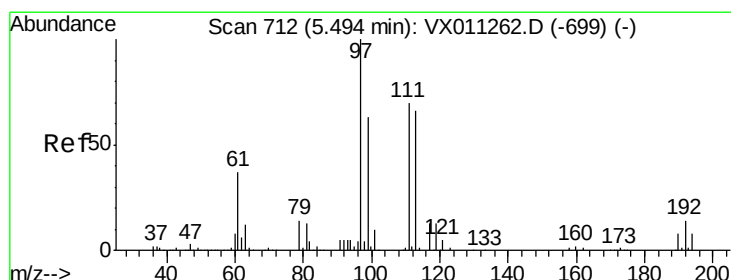
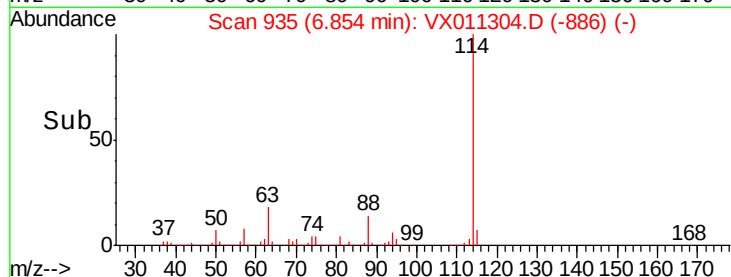
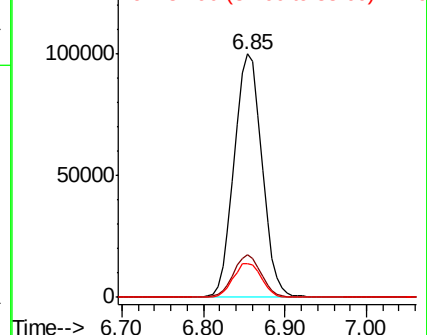
88 14.1 0.0 26.4



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: 47.993 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011304.D

Acq: 02 Aug 2019 14:56

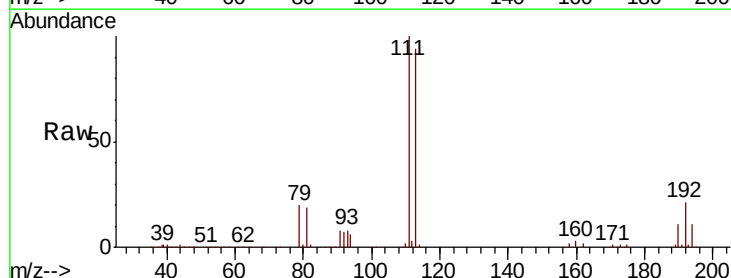
Tgt Ion:113 Resp: 73853

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

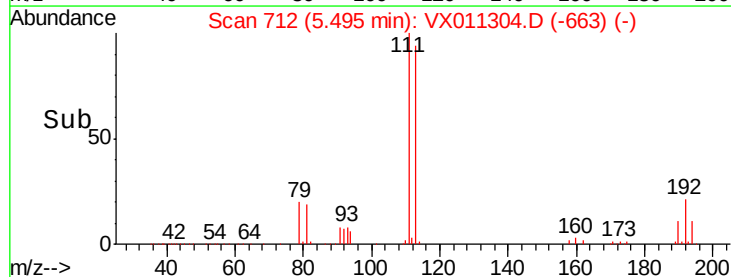
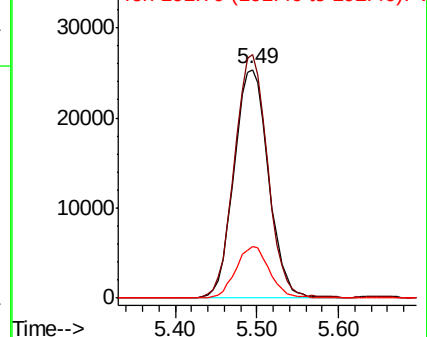
192 22.2 17.8 26.8

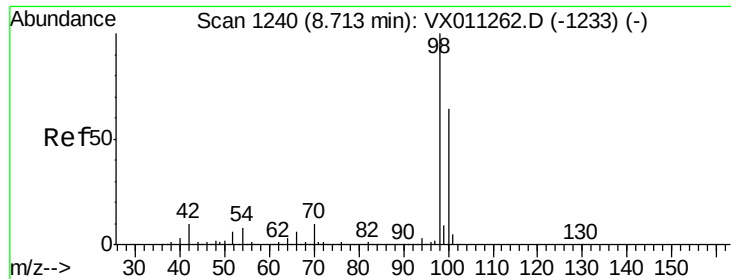


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

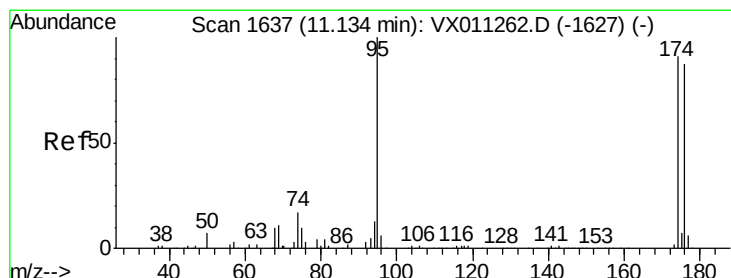
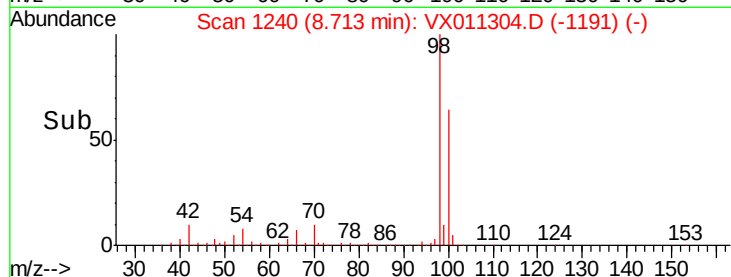
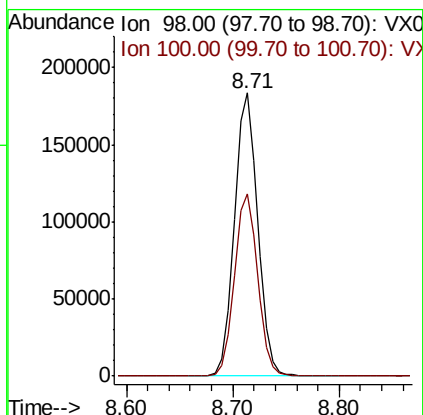
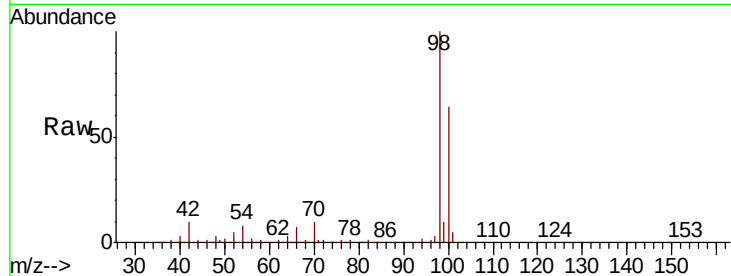




#50
Toluene-d8
Concen: 48.630 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011304.D
Acq: 02 Aug 2019 14:56

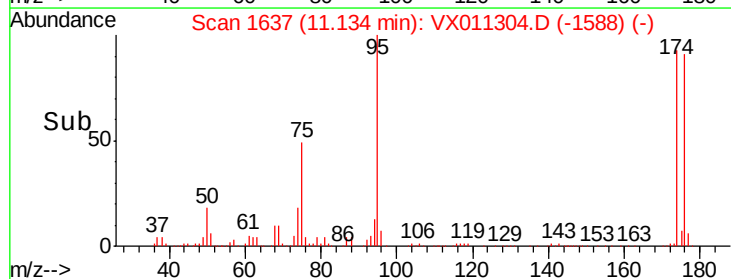
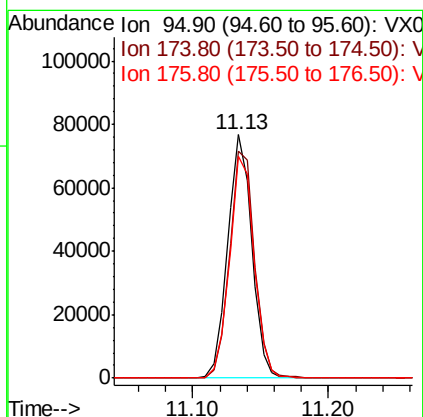
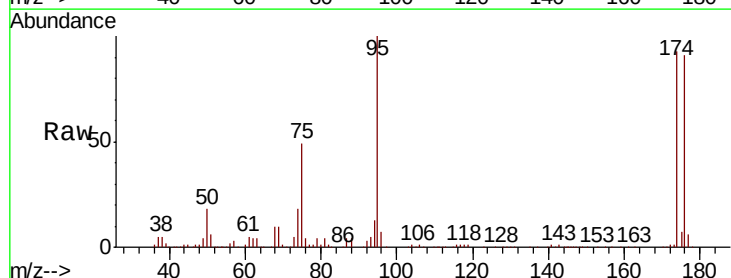
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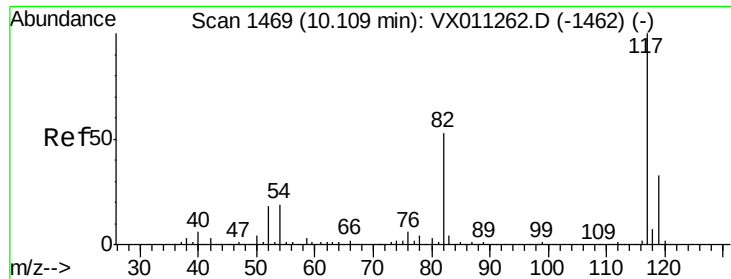
Tot Ion: 98 Resp: 282472
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.738 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011304.D
Acq: 02 Aug 2019 14:56

Tgt Ion: 95 Resp: 94853
Ion Ratio Lower Upper
95 100
174 96.6 0.0 191.2
176 92.6 0.0 184.8

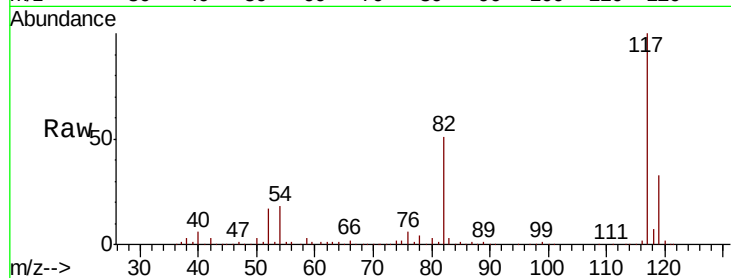




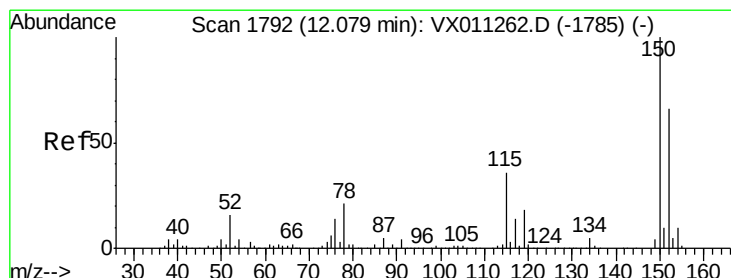
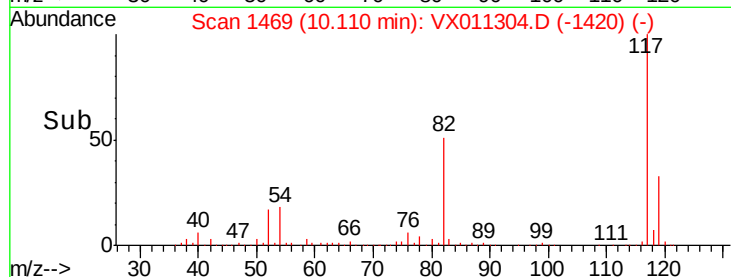
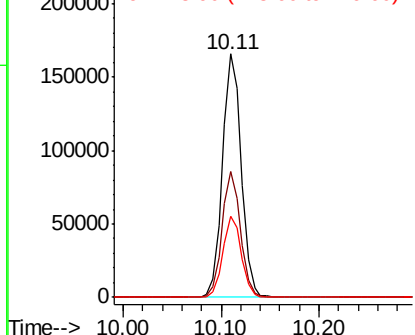
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011304.D
Acq: 02 Aug 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB203-TB-20190731

Tot Ion:117 Resp: 220908
Ion Ratio Lower Upper
117 100
82 51.4 42.2 63.2
119 33.2 26.6 39.8

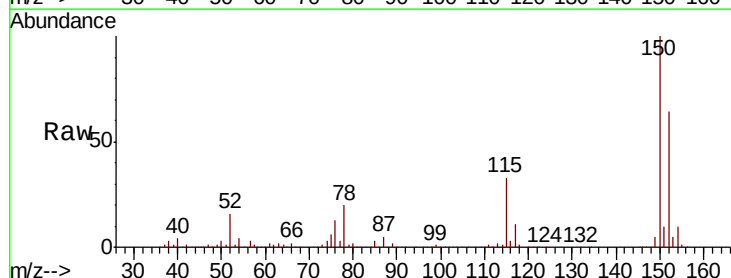


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011304.D
Acq: 02 Aug 2019 14:56

Tgt Ion:152 Resp: 101340
Ion Ratio Lower Upper
152 100
115 55.1 40.0 119.9
150 157.3 0.0 350.4



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

