

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082319\
 Data File : VX011805.D
 Acq On : 23 Aug 2019 18:01
 Operator : JC/SP
 Sample : K4513-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Aug 26 03:34:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	460330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	616419	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	544795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	266589	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	210334	45.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.96%	
35) Dibromofluoromethane	5.49	113	182896	45.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.76%	
50) Toluene-d8	8.71	98	695397	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.13	95	241037	43.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.72%	

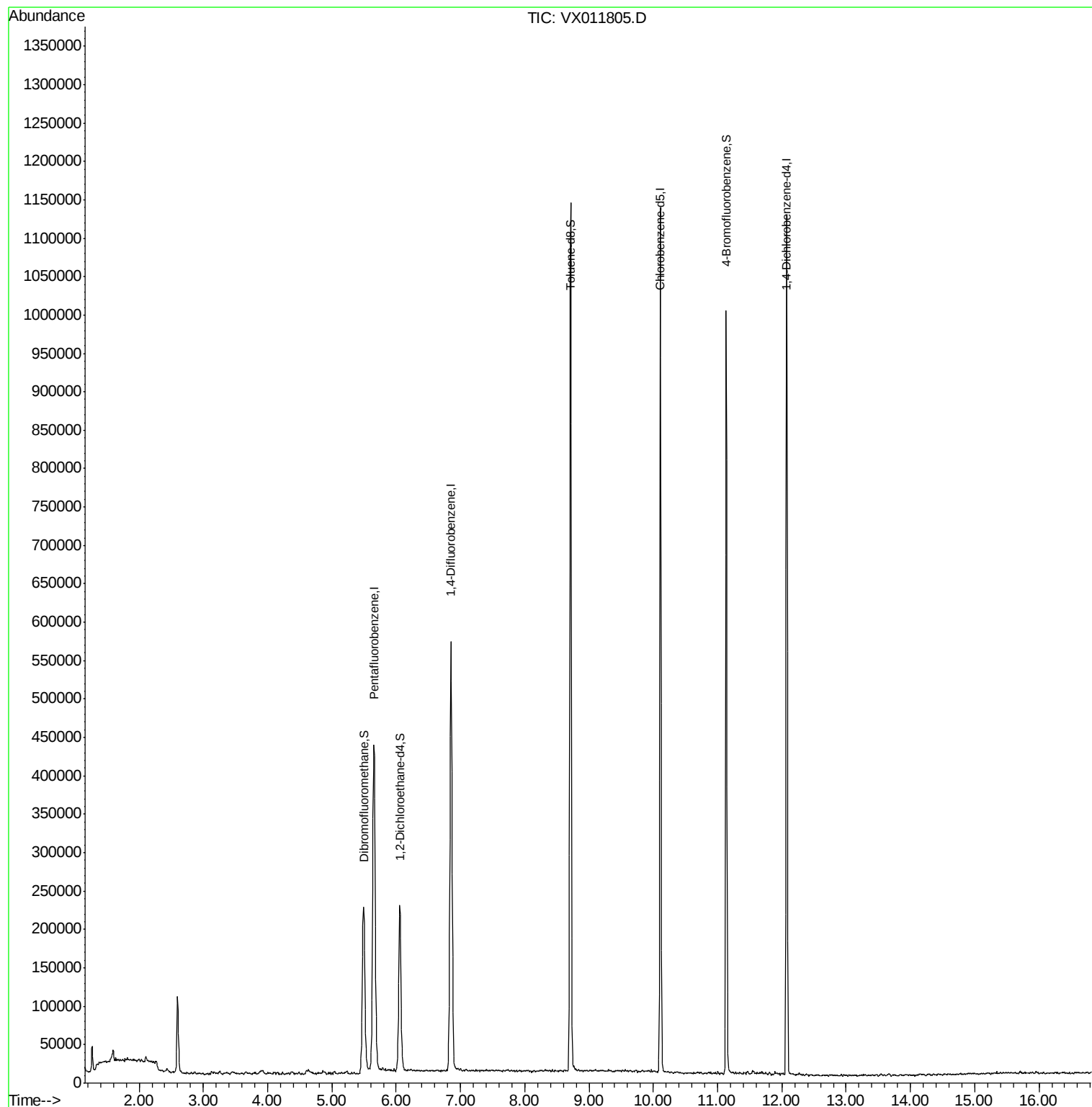
Target Compounds	Qvalue

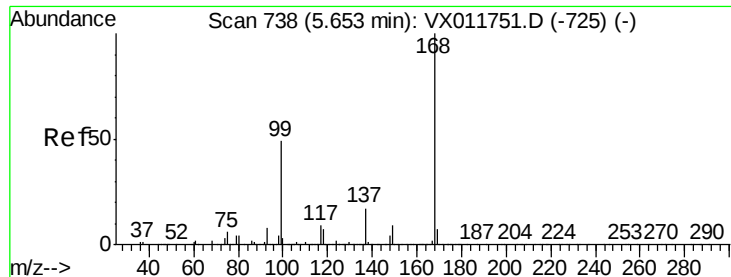
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011805.D

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Instrument :

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ClientSampleId :

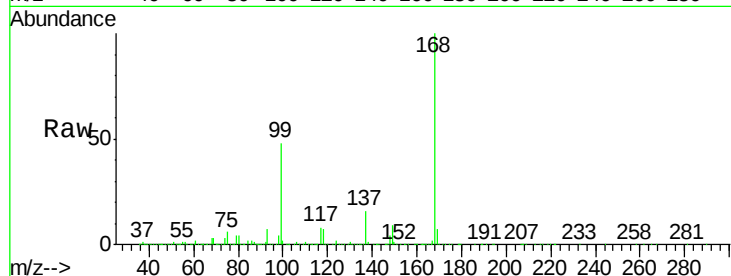
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 460330

Ion Ratio Lower Upper

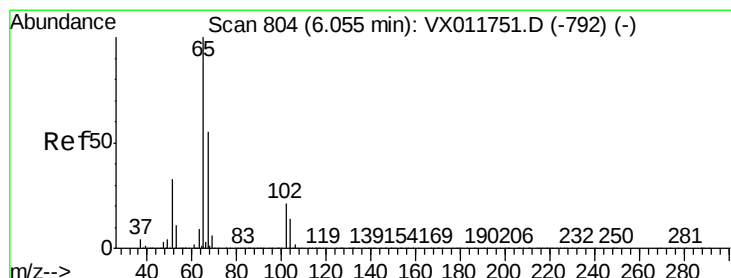
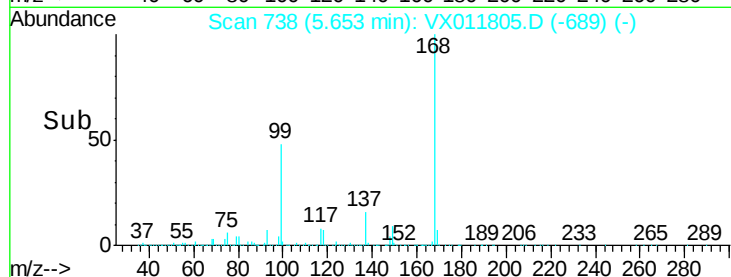
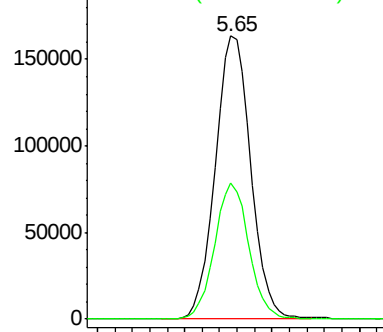
168 100

99 48.2 39.4 59.2



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: 45.485 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011805.D

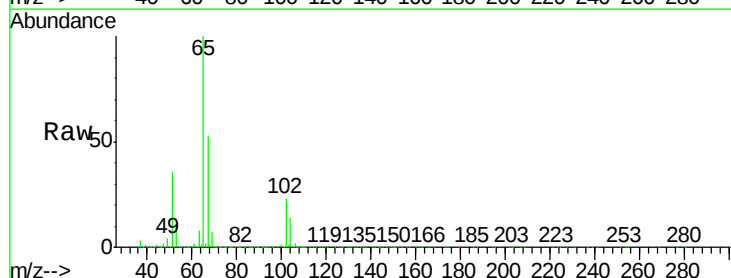
Acq: 23 Aug 2019 18:01

Tgt Ion: 65 Resp: 210334

Ion Ratio Lower Upper

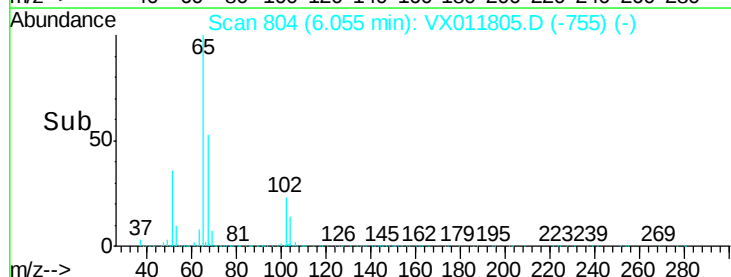
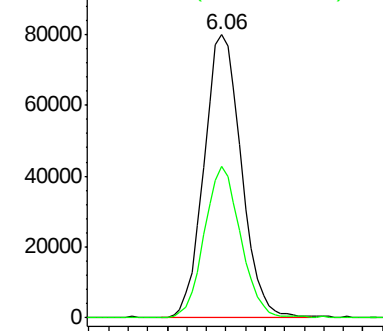
65 100

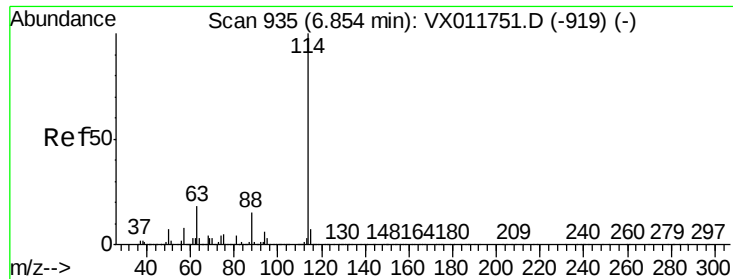
67 52.1 0.0 107.8



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# 935

Delta R.T. -0.00 min

Lab File: VX011805.D

Acq: 23 Aug 2019 18:01

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

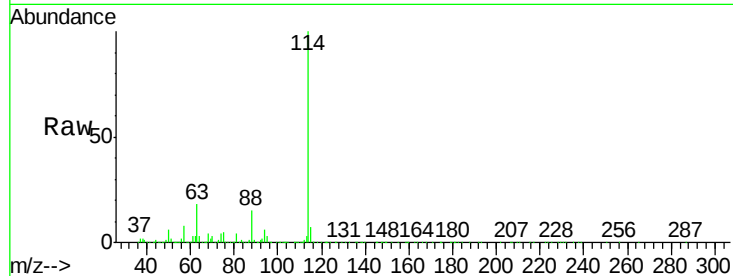
Tot Ion:114 Resp: 616419

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.8

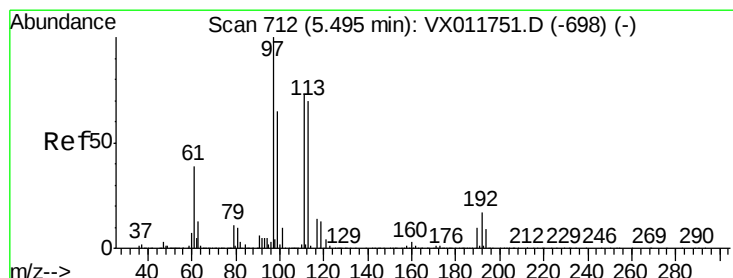
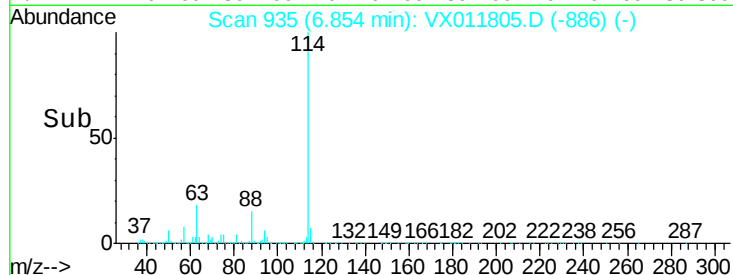
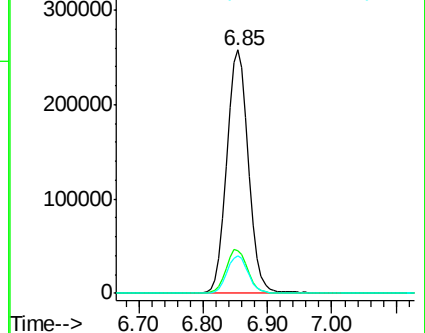
88 15.3 0.0 30.2



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: 45.884 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011805.D

Acq: 23 Aug 2019 18:01

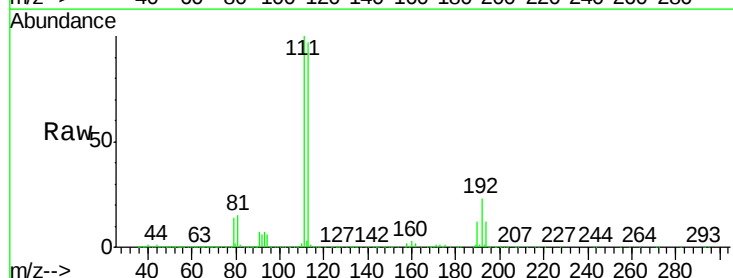
Tgt Ion:113 Resp: 182896

Ion Ratio Lower Upper

113 100

111 102.4 81.0 121.4

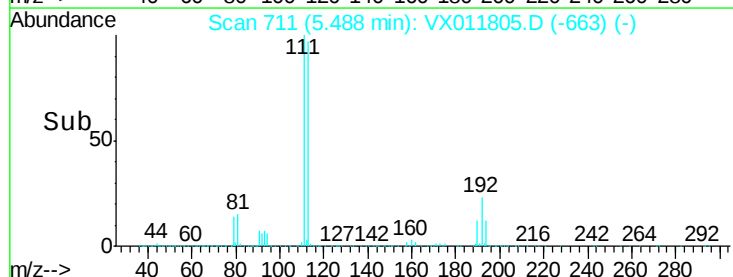
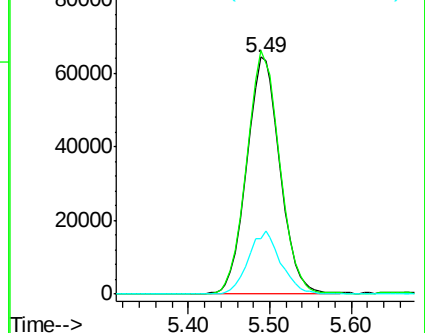
192 25.9 19.9 29.9

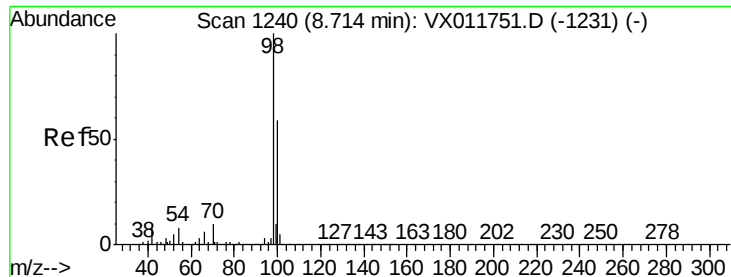


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

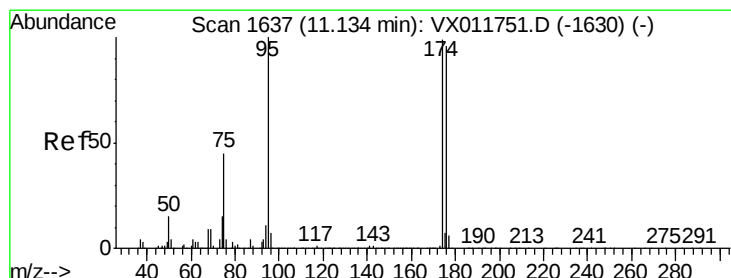
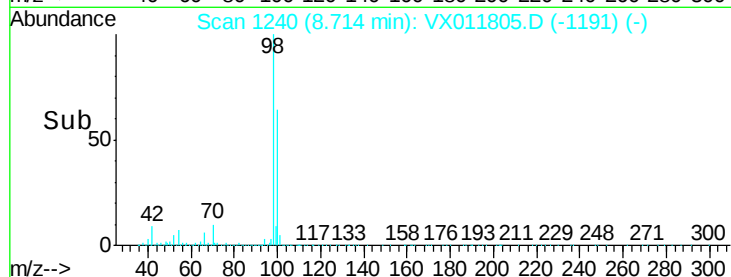
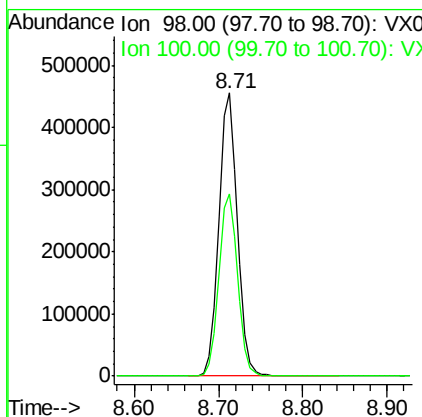
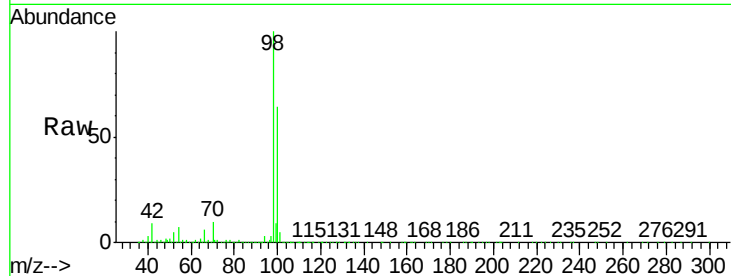




#50
Toluene-d8
Concen: 50.017 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011805.D
Acq: 23 Aug 2019 18:01

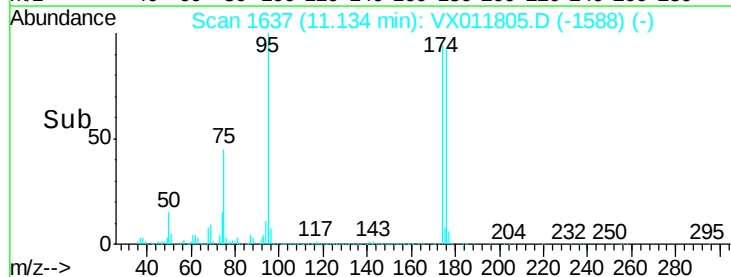
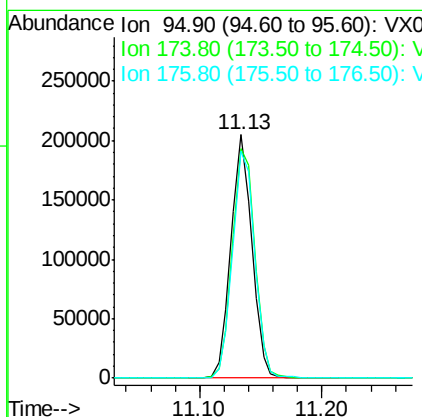
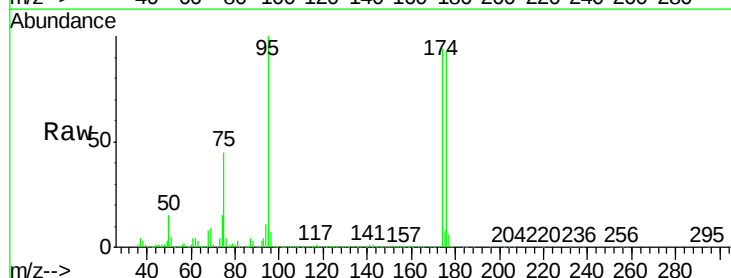
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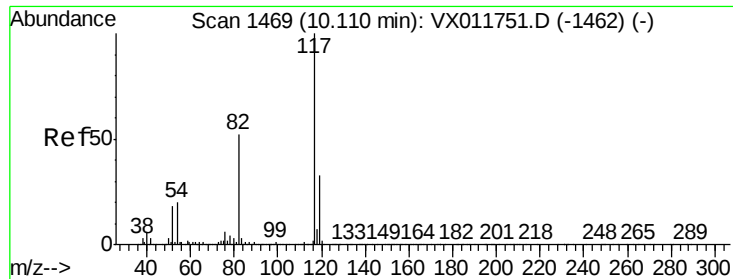
Tot Ion: 98 Resp: 695397
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.862 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011805.D
Acq: 23 Aug 2019 18:01

Tgt Ion: 95 Resp: 241037
Ion Ratio Lower Upper
95 100
174 102.0 0.0 197.4
176 99.1 0.0 194.4

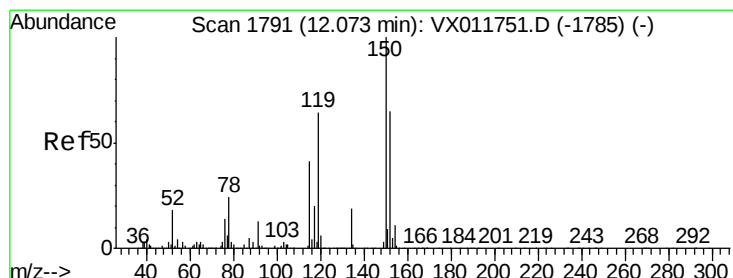
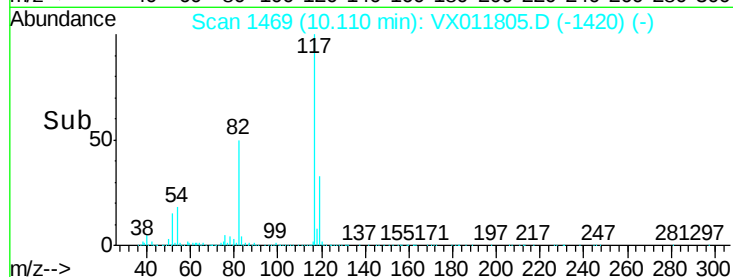
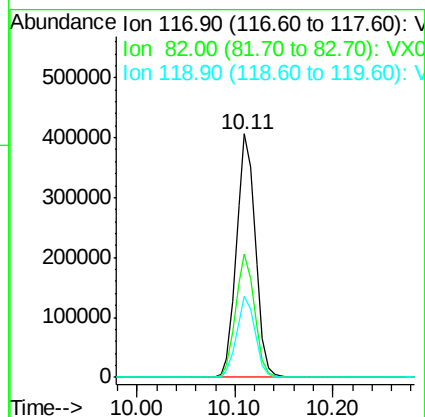
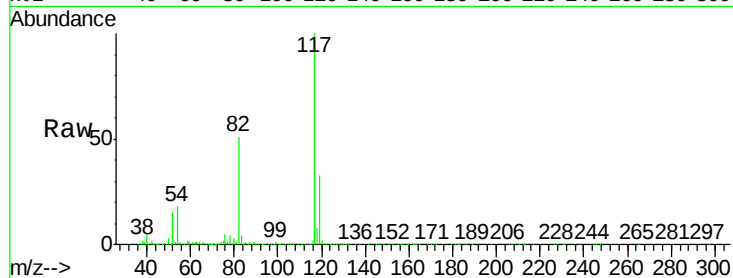




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011805.D
Acq: 23 Aug 2019 18:01

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:117 Resp: 544795
Ion Ratio Lower Upper
117 100
82 50.5 41.7 62.5
119 33.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011805.D
Acq: 23 Aug 2019 18:01

Tgt Ion:152 Resp: 266589
Ion Ratio Lower Upper
152 100
115 50.5 37.3 111.8
150 155.7 0.0 343.0

