

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082319\
 Data File : VX011800.D
 Acq On : 23 Aug 2019 16:04
 Operator : JC/SP
 Sample : PB122483TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB122483TB

Quant Time: Aug 26 03:24:17 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

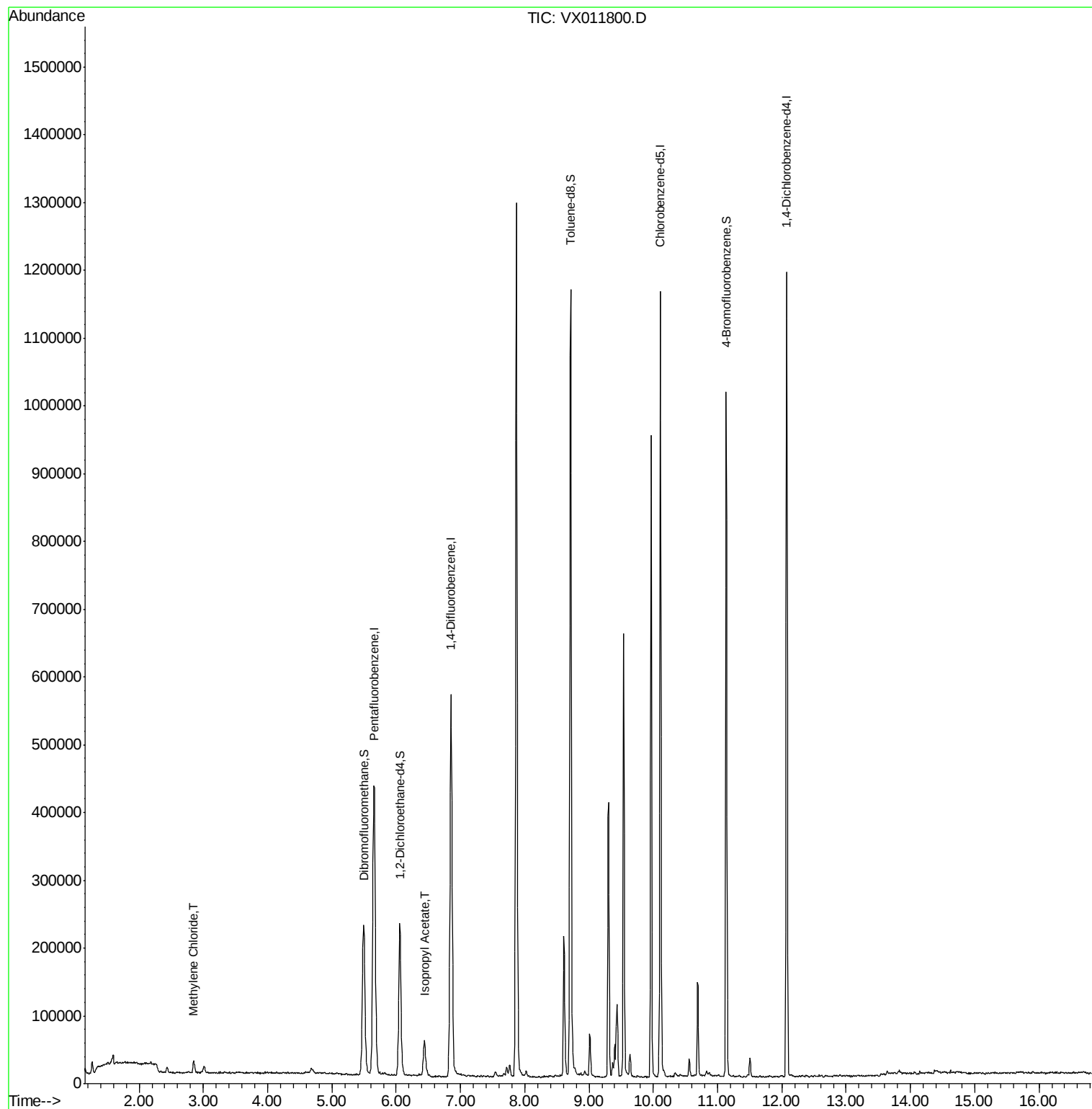
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	485152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	636612	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	566480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	280334	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	207312	42.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.08%	
35) Dibromofluoromethane	5.49	113	188714	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
50) Toluene-d8	8.71	98	730690	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	11.13	95	249872	44.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.06%	
Target Compounds						
20) Methylene Chloride	2.85	84	8744	2.017	ug/l #	96
43) Isopropyl Acetate	6.44	43	71616	8.376	ug/l	98

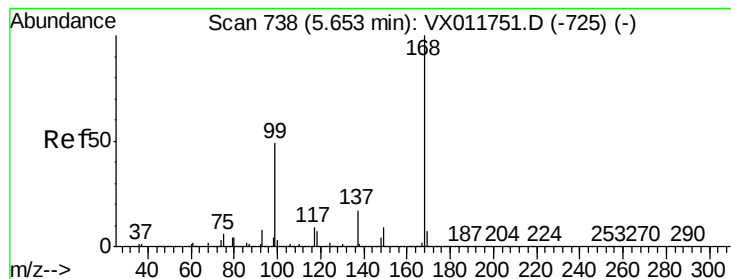
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 23 01:48:12 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011800.D

Acq: 23 Aug 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

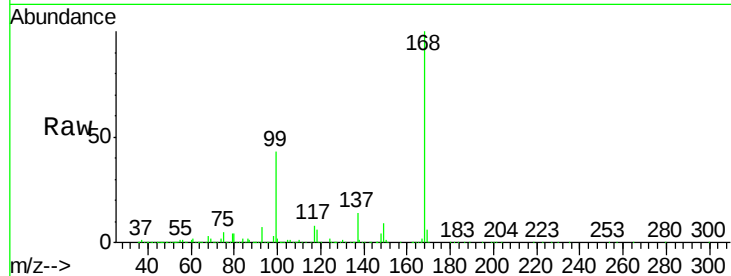
PB122483TB

Tot Ion:168 Resp: 485152

Ion Ratio Lower Upper

168 100

99 43.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

150000

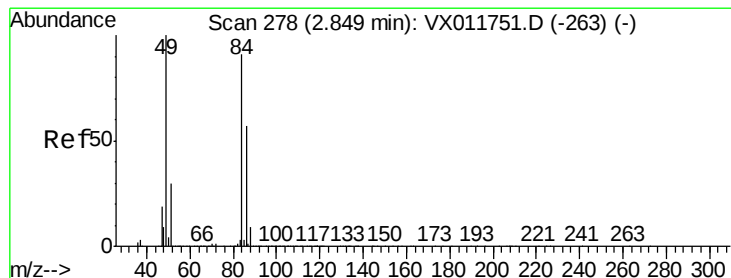
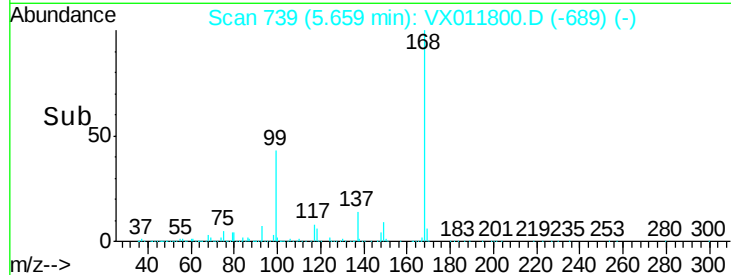
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 2.017 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.00 min

Lab File: VX011800.D

Acq: 23 Aug 2019 16:04

Tgt Ion: 84 Resp: 8744

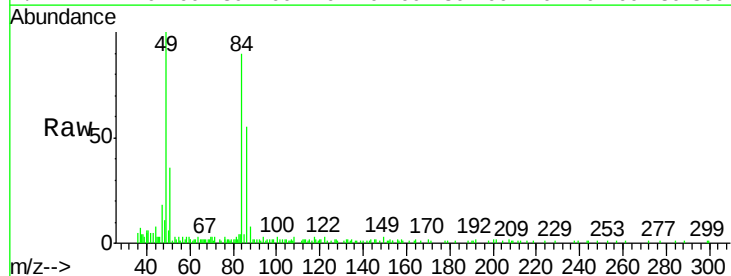
Ion Ratio Lower Upper

84 100

49 110.9 88.3 132.5

51 40.7 26.2 39.2#

86 59.0 50.6 76.0



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

8000

6000

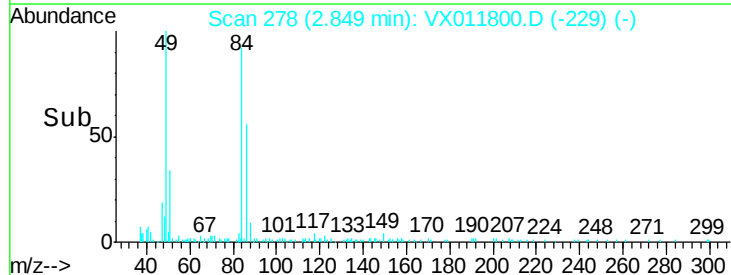
4000

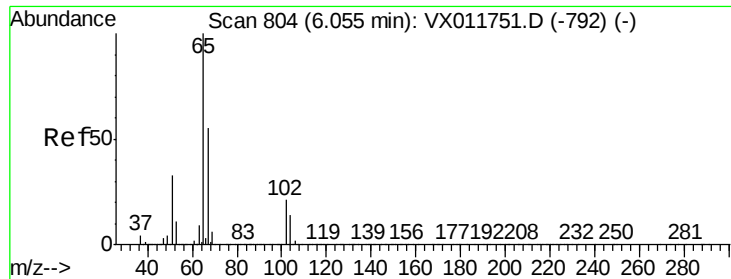
2000

0

Time-->

2.80 2.85 2.90 2.95





#33

1,2-Dichloroethane-d4

Concen: 42.537 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011800.D

Acq: 23 Aug 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

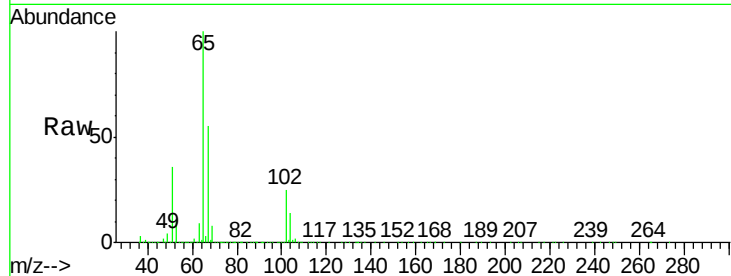
PB122483TB

Tot Ion: 65 Resp: 207312

Ion Ratio Lower Upper

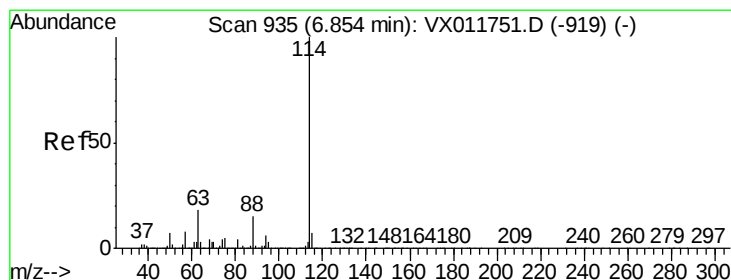
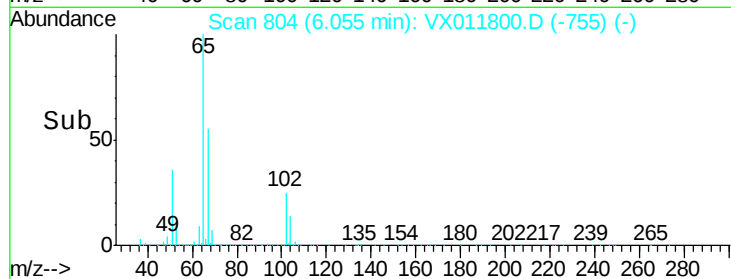
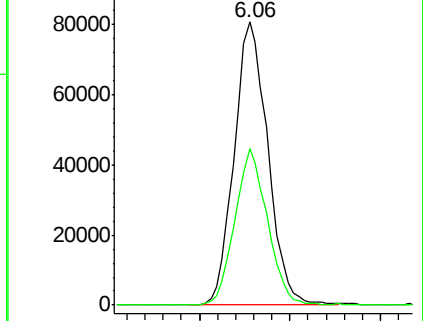
65 100

67 53.2 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: VX011800.D

Acq: 23 Aug 2019 16:04

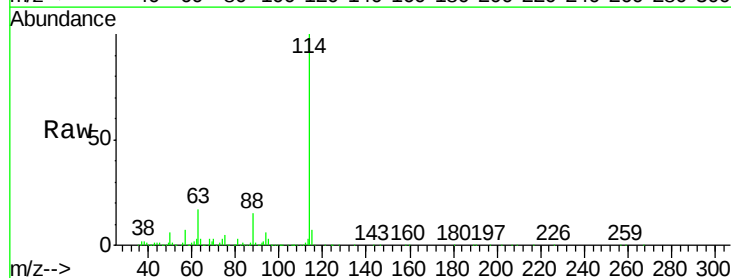
Tgt Ion: 114 Resp: 636612

Ion Ratio Lower Upper

114 100

63 17.0 0.0 36.8

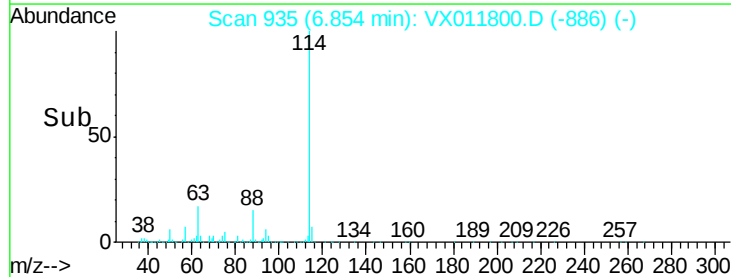
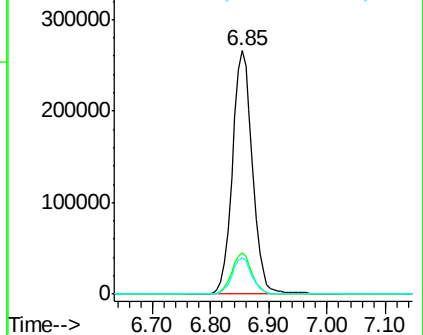
88 14.7 0.0 30.2

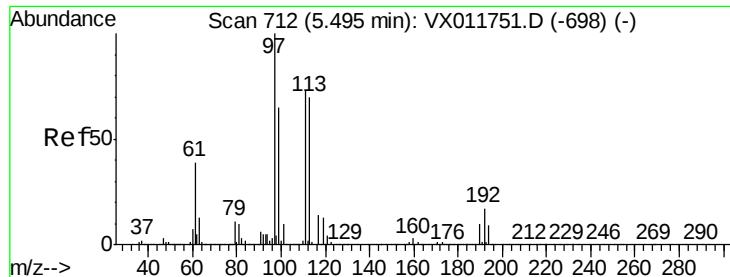


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.842 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011800.D

Acq: 23 Aug 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

PB122483TB

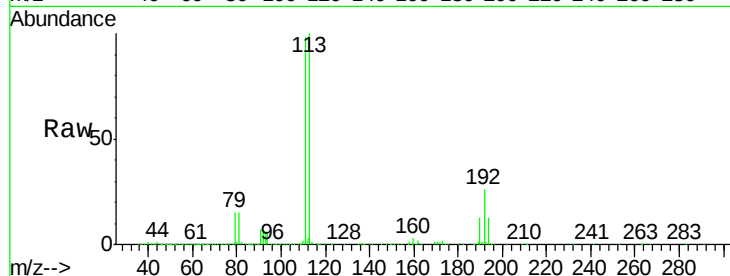
Tot Ion:113 Resp: 188714

Ion Ratio Lower Upper

113 100

111 101.2 81.0 121.4

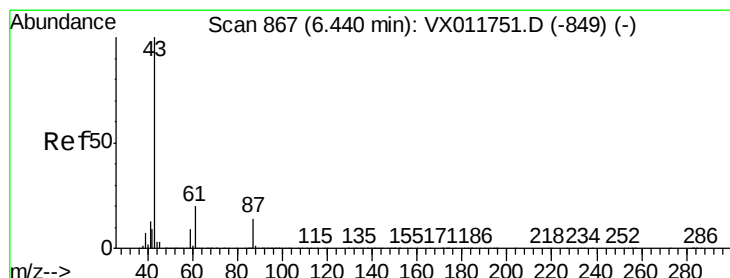
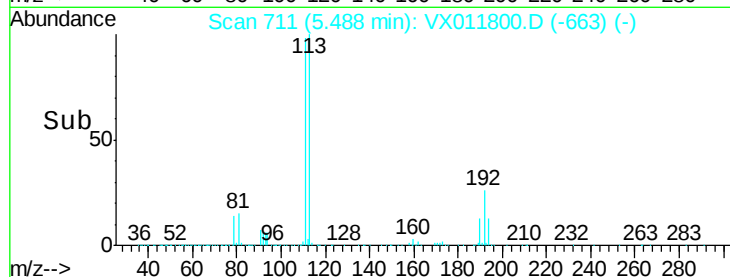
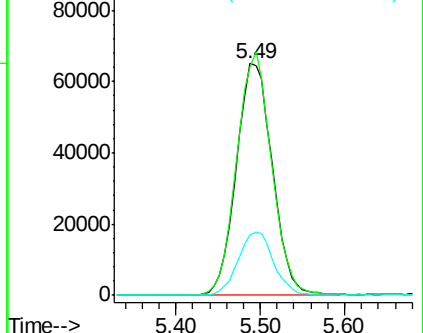
192 27.0 19.9 29.9



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



#43

Isopropyl Acetate

Concen: 8.376 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011800.D

Acq: 23 Aug 2019 16:04

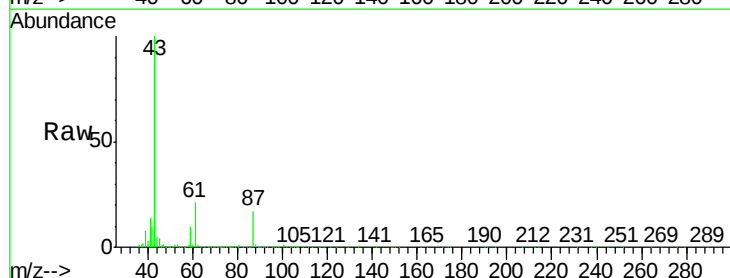
Tgt Ion: 43 Resp: 71616

Ion Ratio Lower Upper

43 100

61 21.8 16.2 24.2

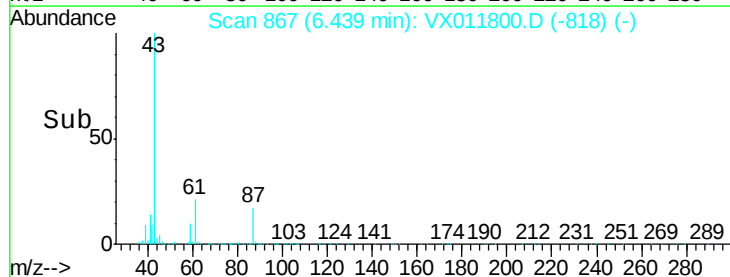
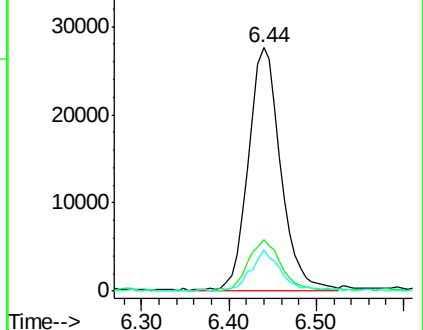
87 14.6 11.6 17.4

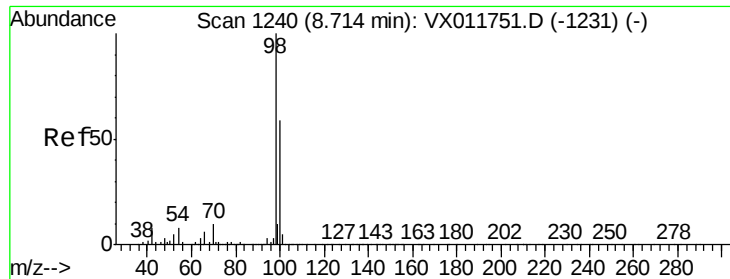


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.888 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011800.D

Acq: 23 Aug 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

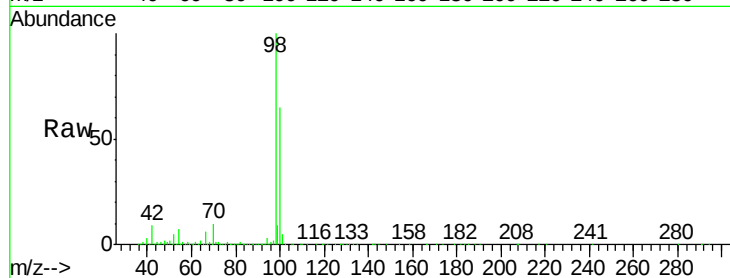
PB122483TB

Tot Ion: 98 Resp: 730690

Ion Ratio Lower Upper

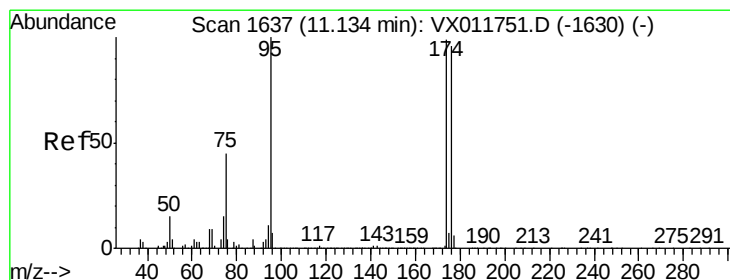
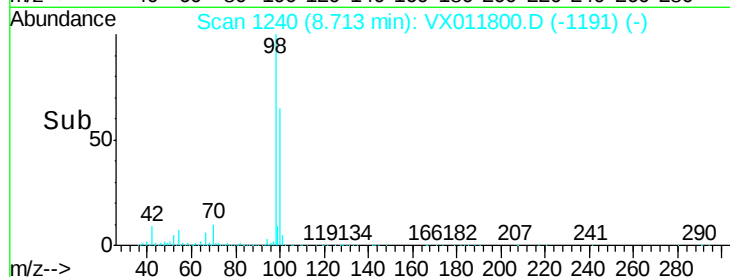
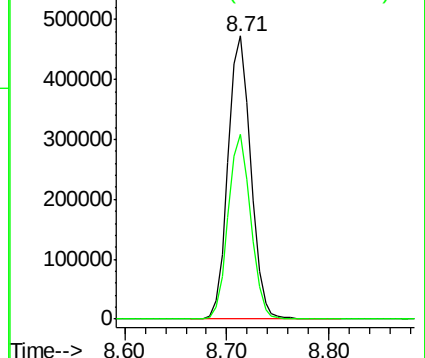
98 100

100 64.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 44.027 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011800.D

Acq: 23 Aug 2019 16:04

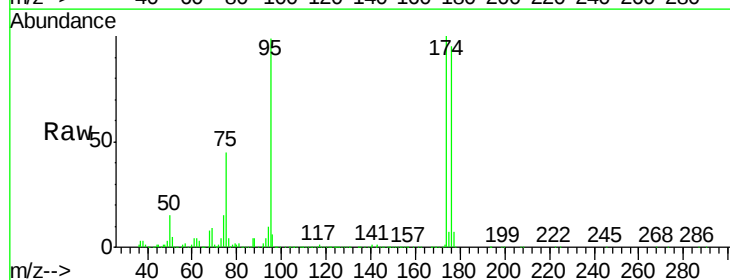
Tgt Ion: 95 Resp: 249872

Ion Ratio Lower Upper

95 100

174 104.8 0.0 197.4

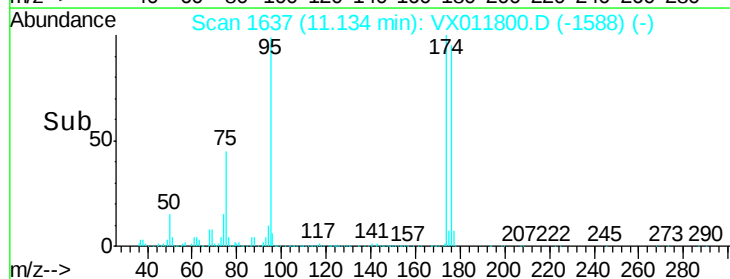
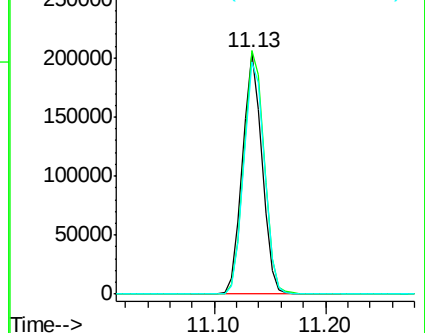
176 101.3 0.0 194.4

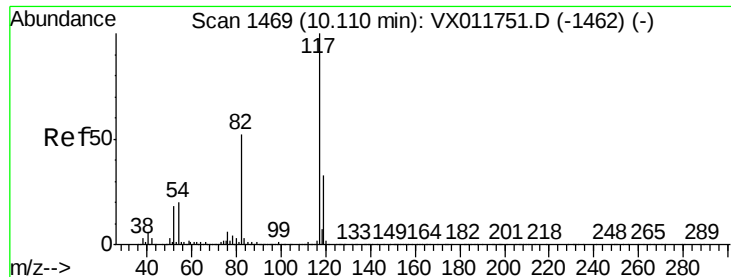


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

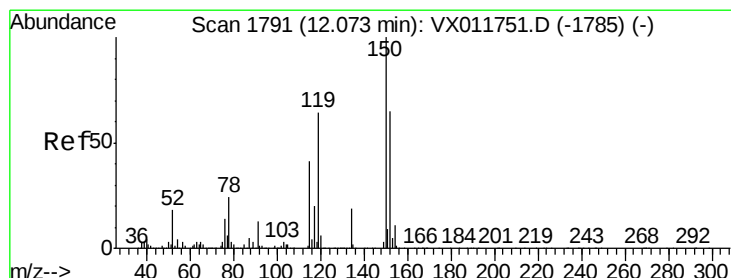
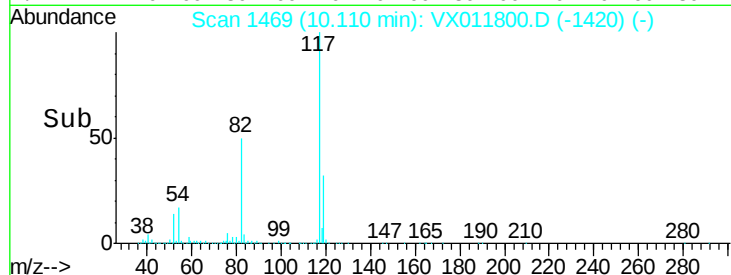
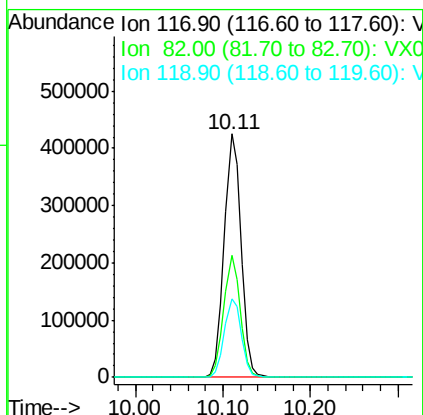
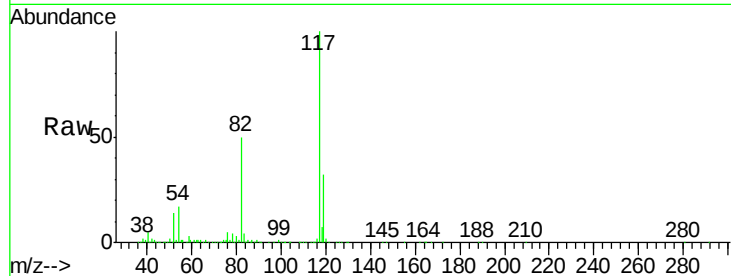




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011800.D
Acq: 23 Aug 2019 16:04

Instrument :
MSVOA_X
ClientSampled :
PB122483TB

Tot Ion:117 Resp: 566480
Ion Ratio Lower Upper
117 100
82 49.9 41.7 62.5
119 32.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX011800.D
Acq: 23 Aug 2019 16:04

Tgt Ion:152 Resp: 280334
Ion Ratio Lower Upper
152 100
115 50.6 37.3 111.8
150 155.8 0.0 343.0

