

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011228.D
 Acq On : 31 Jul 2019 04:58
 Operator : JC/SP
 Sample : PB121803ZHE#08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121803ZHE#08

Quant Time: Jul 31 09:52:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

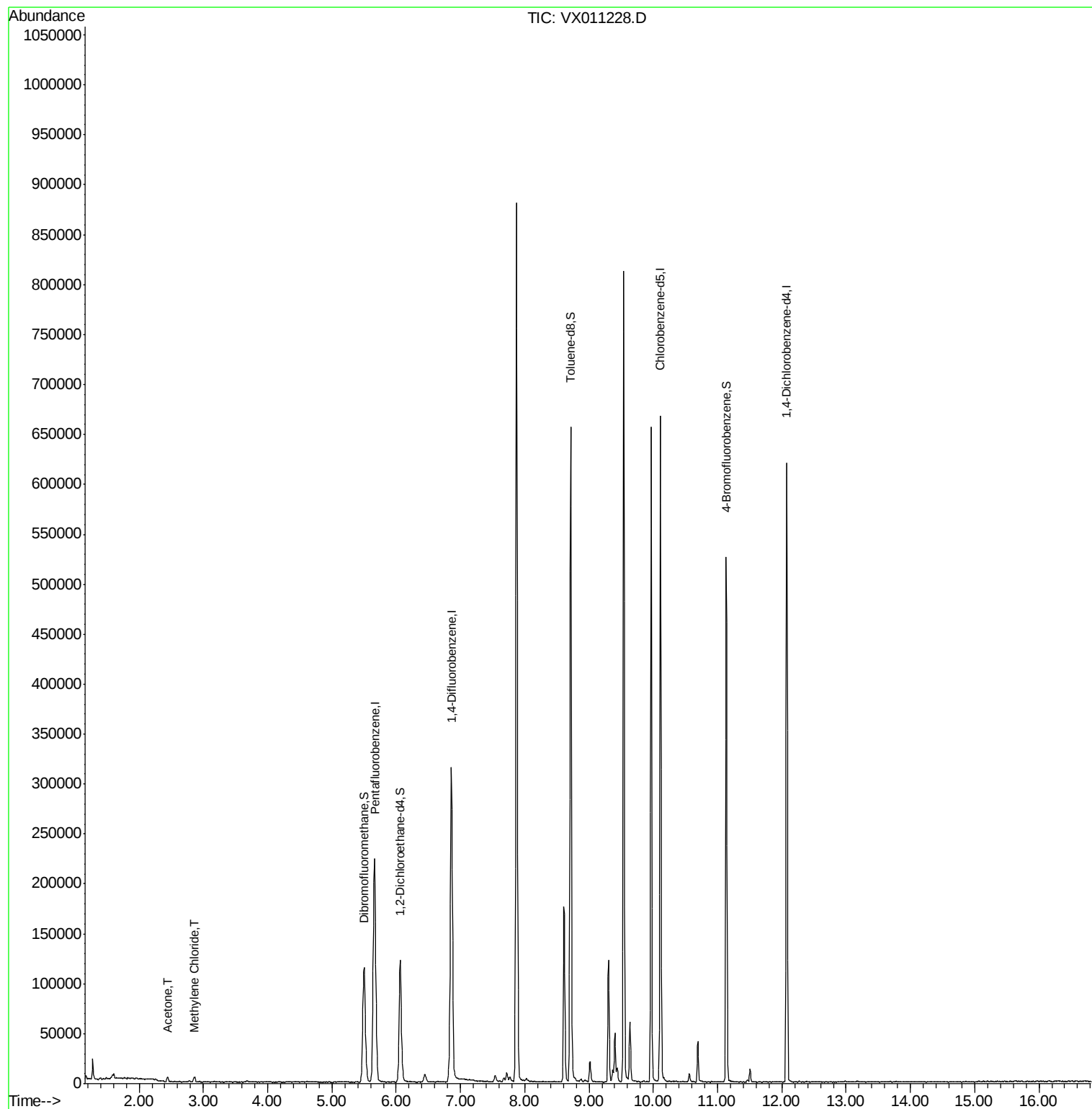
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	226662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	329767	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	299643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136695	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	112136	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
35) Dibromofluoromethane	5.50	113	96491	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.20%	
50) Toluene-d8	8.71	98	388076	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.13	95	127613	44.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.44%	
Target Compounds						
16) Acetone	2.44	43	4573	4.199	ug/l	96
20) Methylene Chloride	2.85	84	2396	1.038	ug/l	91

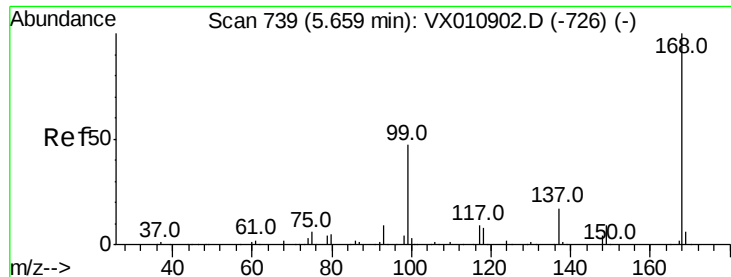
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011228.D

Acq: 31 Jul 2019 04:58

Instrument :

MSVOA_X

ClientSampleId :

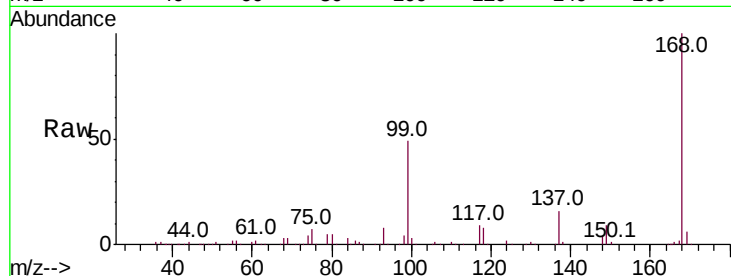
PB121803ZHE#08

Tot Ion:168 Resp: 226662

Ion Ratio Lower Upper

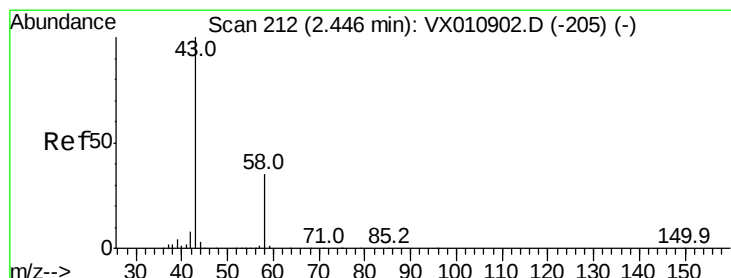
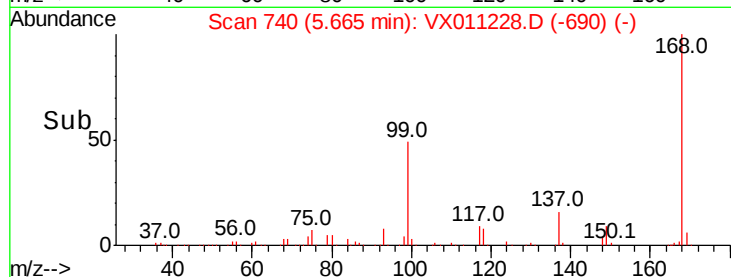
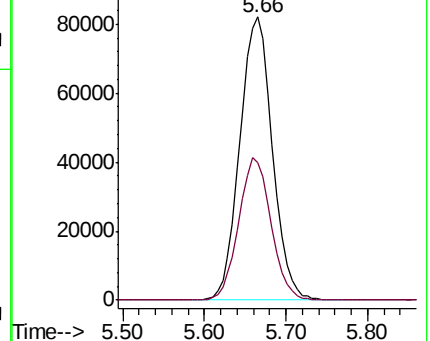
168 100

99 48.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.199 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011228.D

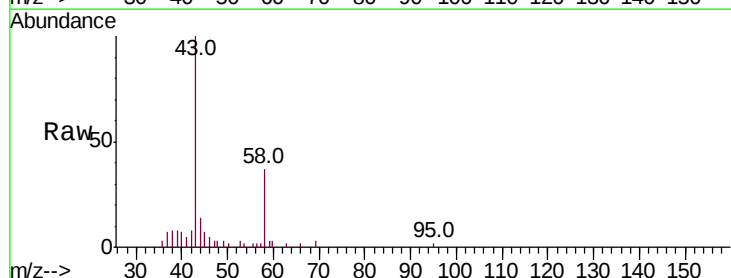
Acq: 31 Jul 2019 04:58

Tgt Ion: 43 Resp: 4573

Ion Ratio Lower Upper

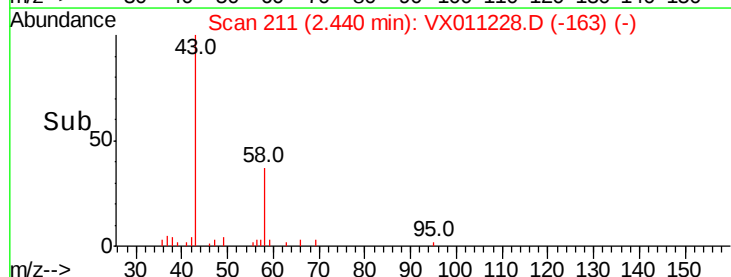
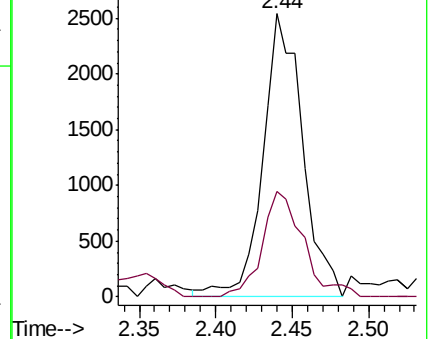
43 100

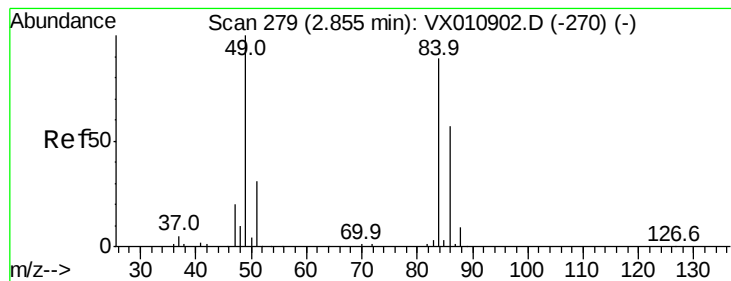
58 37.1 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 1.038 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX011228.D

Acq: 31 Jul 2019 04:58

Instrument :

MSVOA_X

ClientSampleId :

PB121803ZHE#08

Tot Ion: 84 Resp: 2396

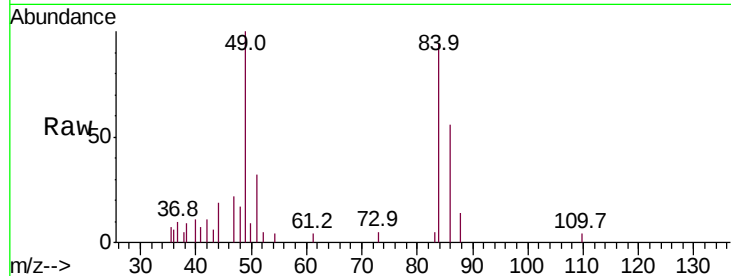
Ion Ratio Lower Upper

84 100

49 101.8 89.9 134.9

51 27.9 27.8 41.6

86 60.2 51.8 77.6

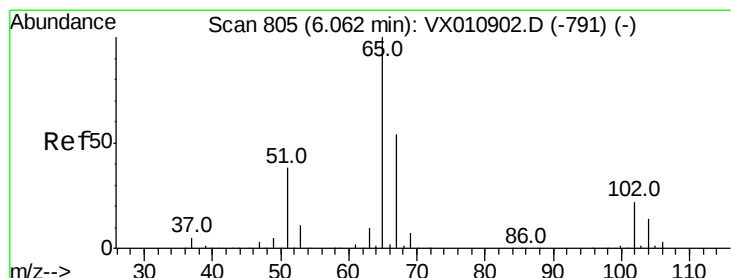
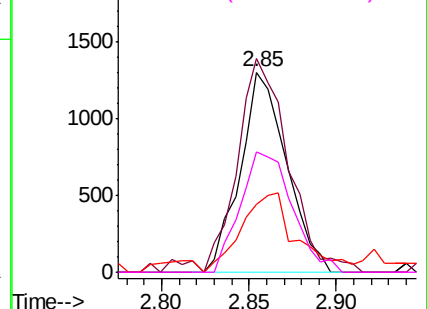
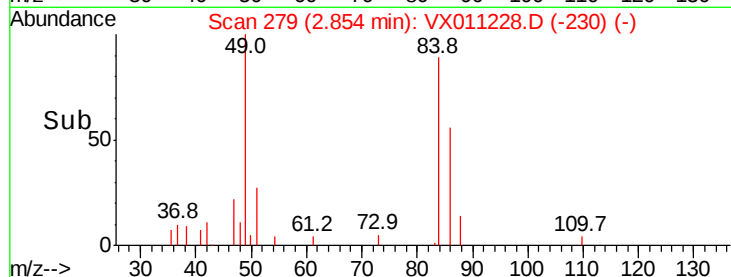


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#33

1,2-Dichloroethane-d4

Concen: 46.504 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011228.D

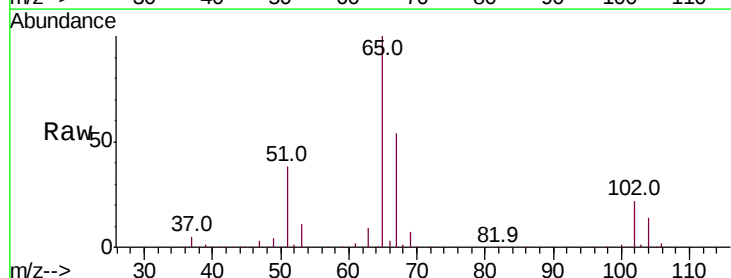
Acq: 31 Jul 2019 04:58

Tgt Ion: 65 Resp: 112136

Ion Ratio Lower Upper

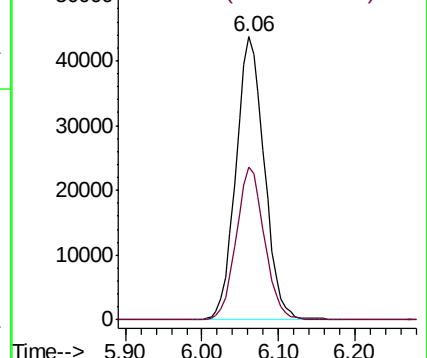
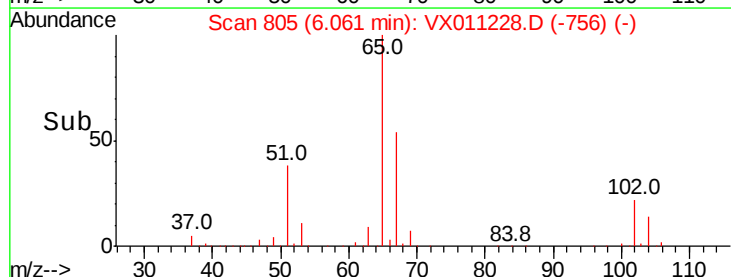
65 100

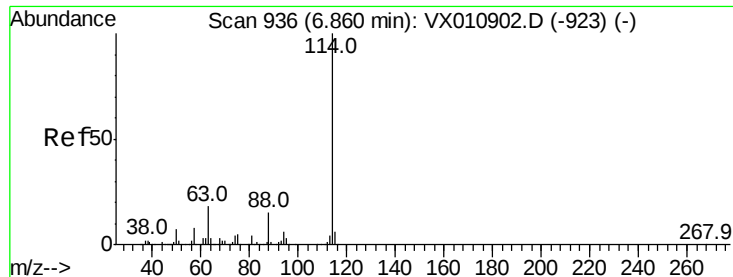
67 53.9 0.0 107.8



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011228.D

Acq: 31 Jul 2019 04:58

Instrument :

MSVOA_X

ClientSampleId :

PB121803ZHE#08

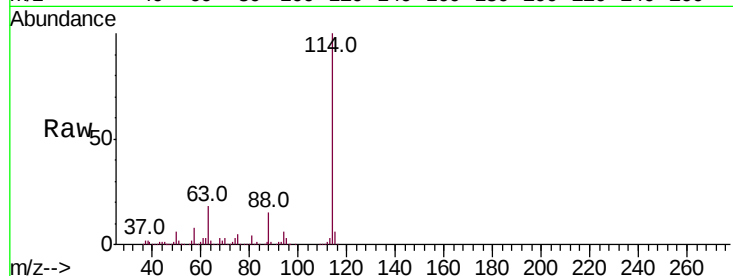
Tot Ion:114 Resp: 329767

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

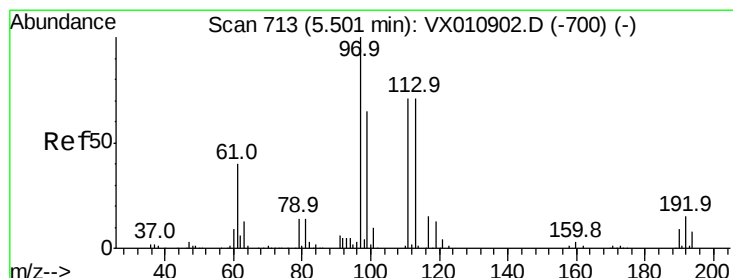
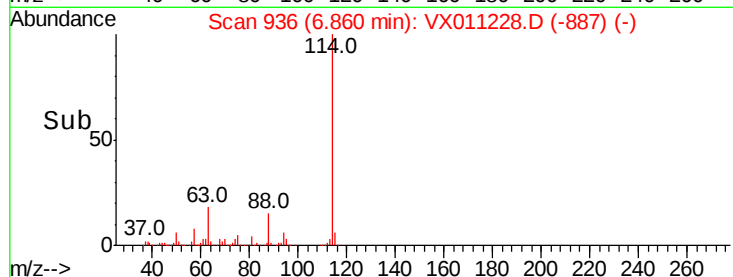
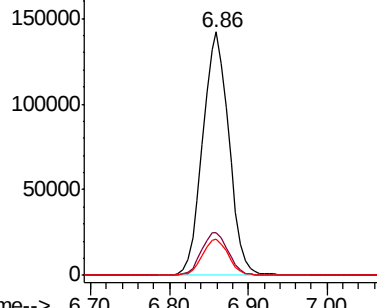
88 14.7 0.0 29.8



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: 46.100 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011228.D

Acq: 31 Jul 2019 04:58

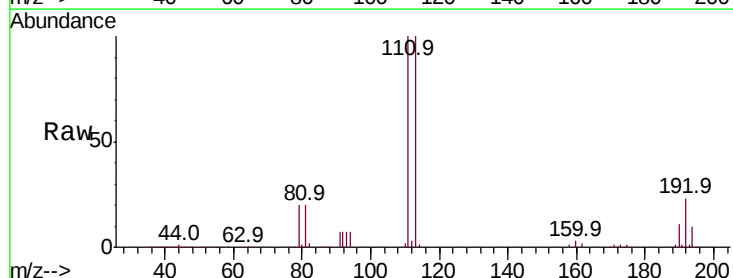
Tgt Ion:113 Resp: 96491

Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

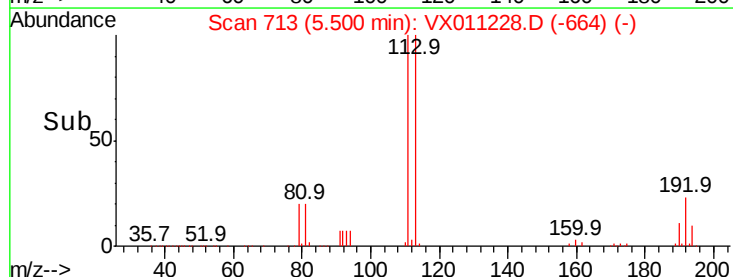
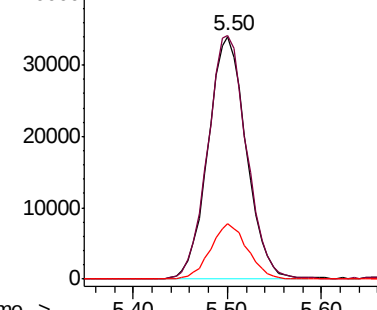
192 22.1 17.4 26.2

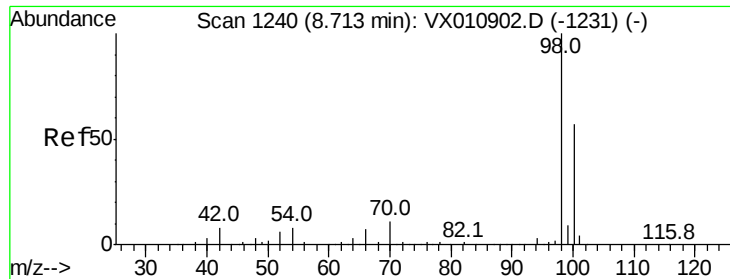


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.434 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011228.D

Acq: 31 Jul 2019 04:58

Instrument :

MSVOA_X

ClientSampleId :

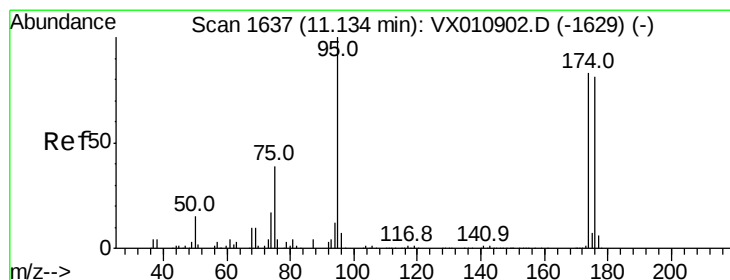
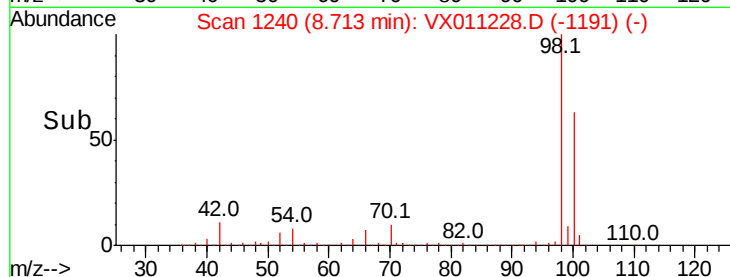
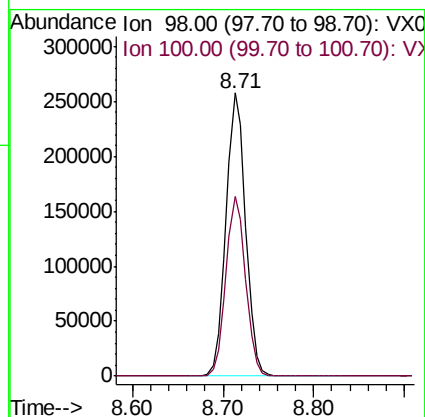
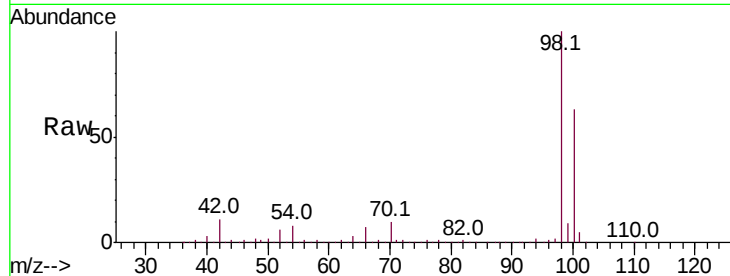
PB121803ZHE#08

Tot Ion: 98 Resp: 388076

Ion Ratio Lower Upper

98 100

100 63.9 50.6 75.8



#62

4-Bromofluorobenzene

Concen: 44.224 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011228.D

Acq: 31 Jul 2019 04:58

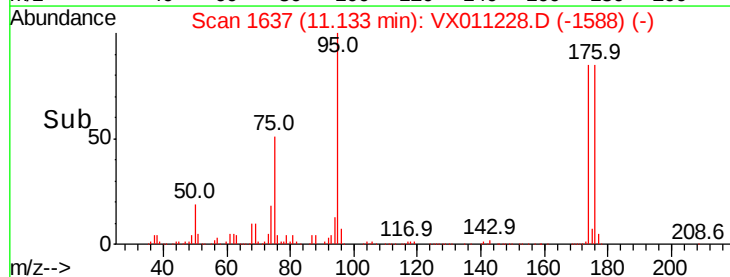
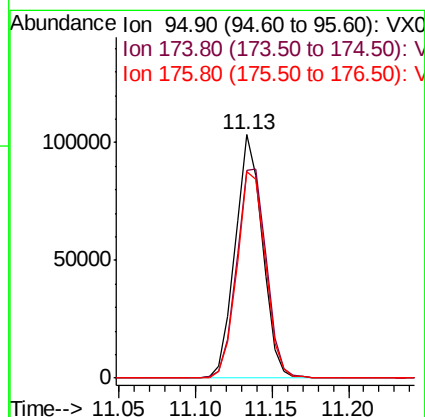
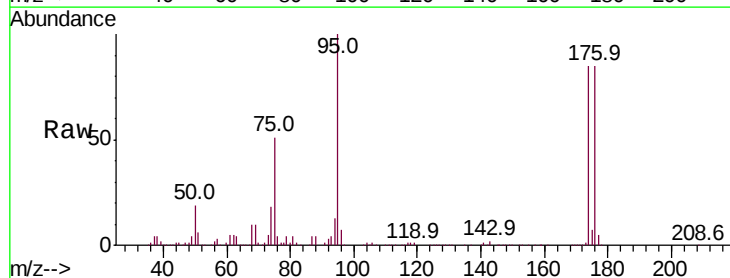
Tgt Ion: 95 Resp: 127613

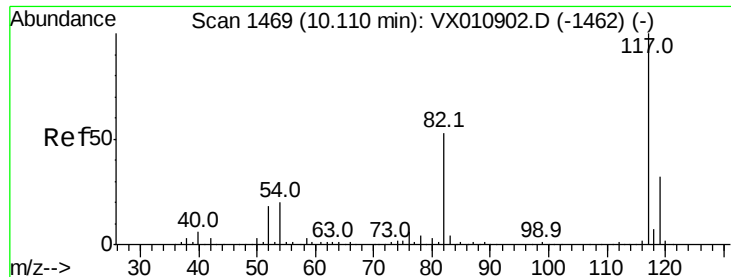
Ion Ratio Lower Upper

95 100

174 93.3 0.0 180.6

176 88.7 0.0 173.8

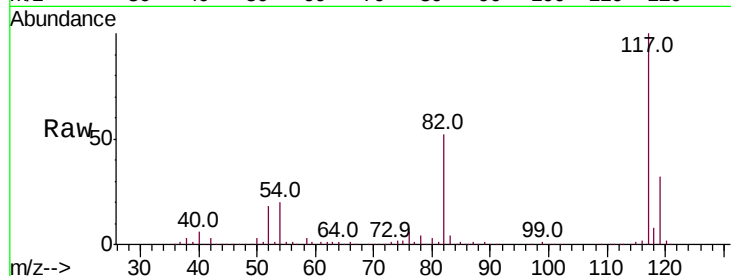




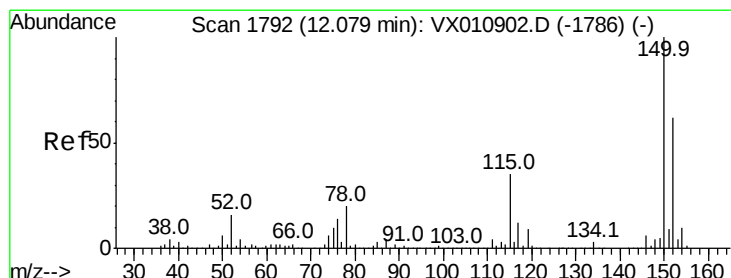
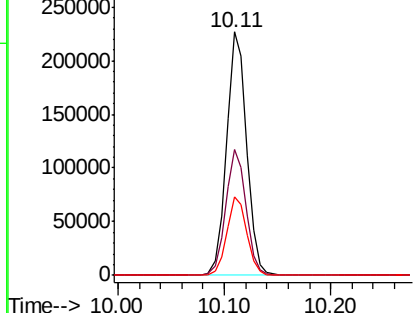
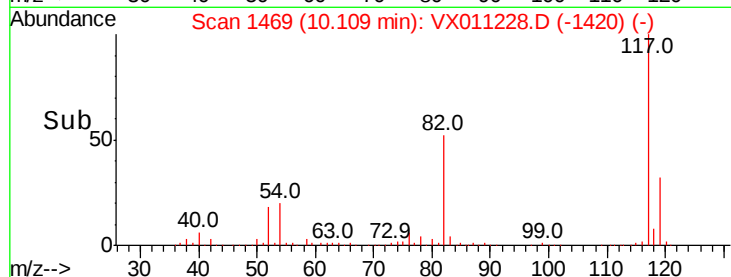
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#08

Tot Ion:117 Resp: 299643
Ion Ratio Lower Upper
117 100
82 51.9 42.6 63.8
119 32.2 25.9 38.9

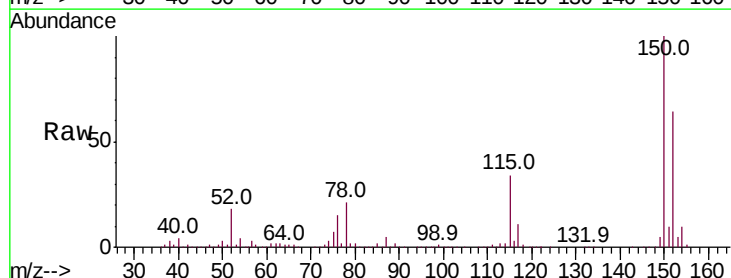


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Tgt Ion:152 Resp: 136695
Ion Ratio Lower Upper
152 100
115 55.4 39.7 119.1
150 156.1 0.0 345.6



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

