

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011223.D
 Acq On : 31 Jul 2019 03:01
 Operator : JC/SP
 Sample : PB121803ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121803ZHE#03

Quant Time: Jul 31 09:46:28 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

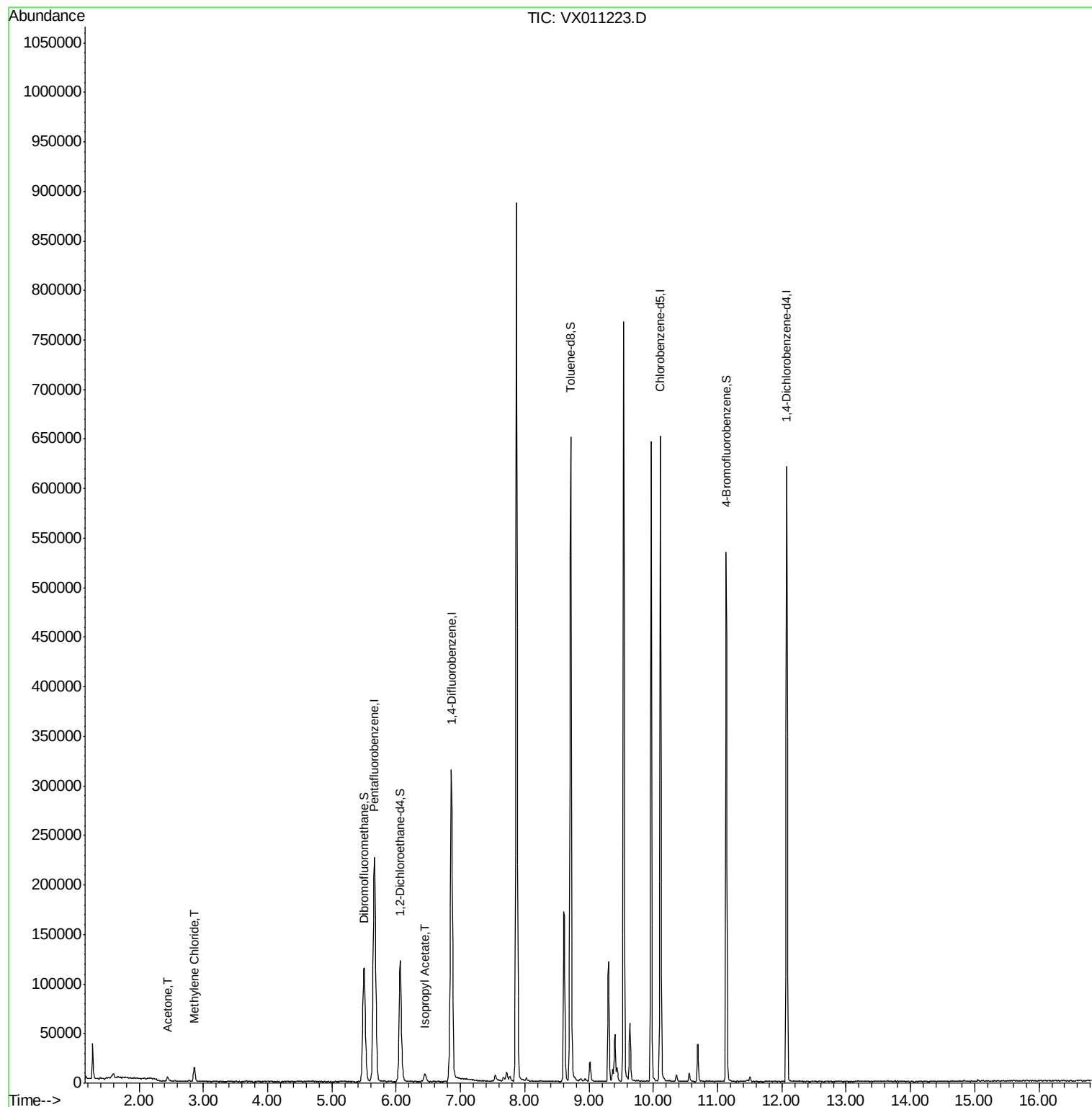
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	227406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	327699	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	297549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135220	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113997	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
35) Dibromofluoromethane	5.49	113	95858	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
50) Toluene-d8	8.71	98	387484	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.13	95	127910	44.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.22%	
Target Compounds						
16) Acetone	2.44	43	4607	4.216	ug/l	99
20) Methylene Chloride	2.86	84	7265	3.137	ug/l	97
43) Isopropyl Acetate	6.45	43	11518	2.541	ug/l	99

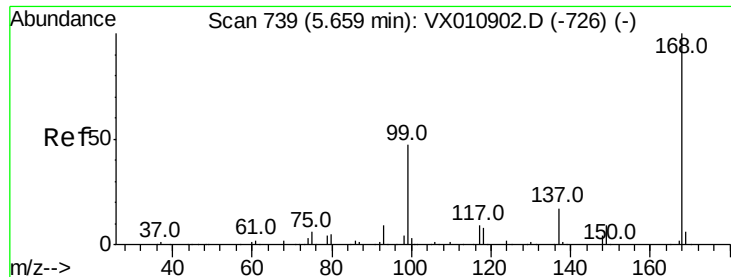
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011223.D

Acq: 31 Jul 2019 03:01

Instrument :

MSVOA_X

ClientSampleId :

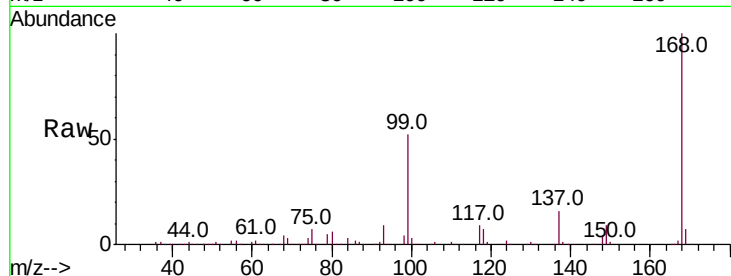
PB121803ZHE#03

Tot Ion:168 Resp: 227406

Ion Ratio Lower Upper

168 100

99 52.0 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

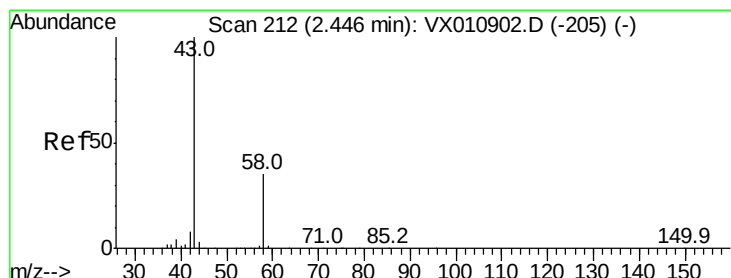
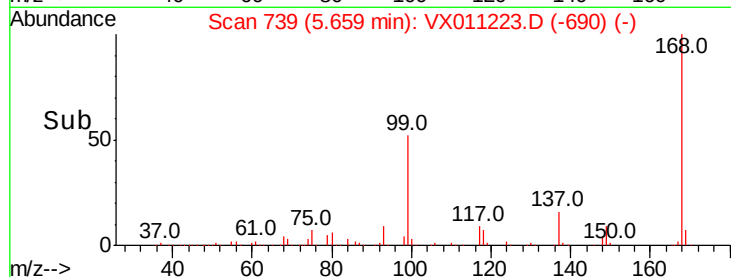
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.216 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011223.D

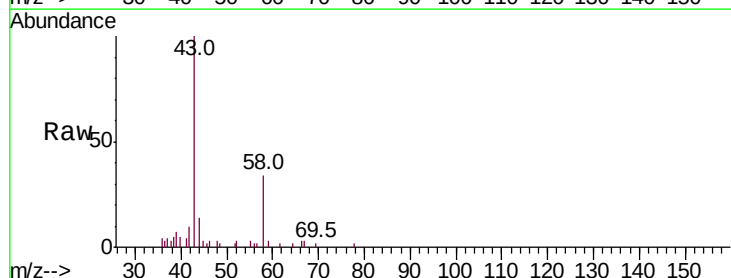
Acq: 31 Jul 2019 03:01

Tgt Ion: 43 Resp: 4607

Ion Ratio Lower Upper

43 100

58 35.0 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

3000

2500

2000

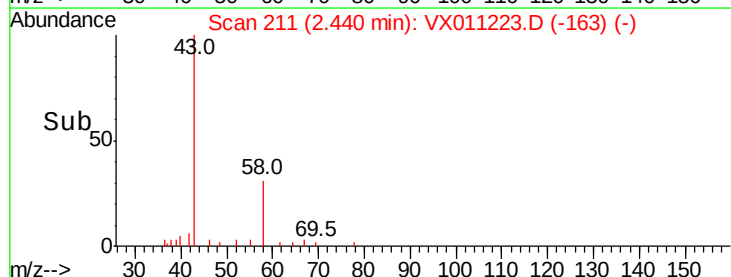
1500

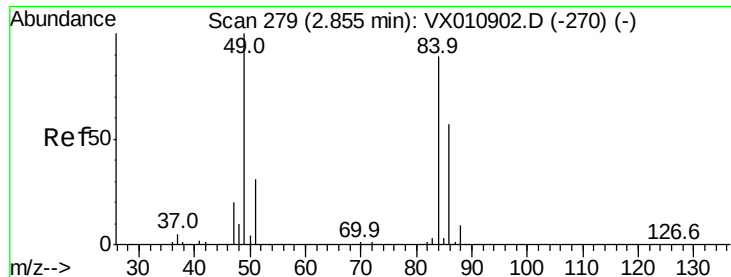
1000

500

0

Time--> 2.35 2.40 2.45 2.50

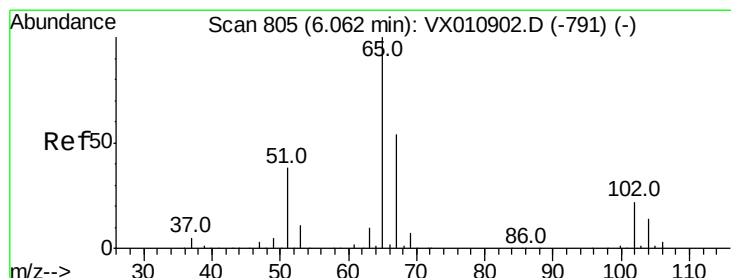
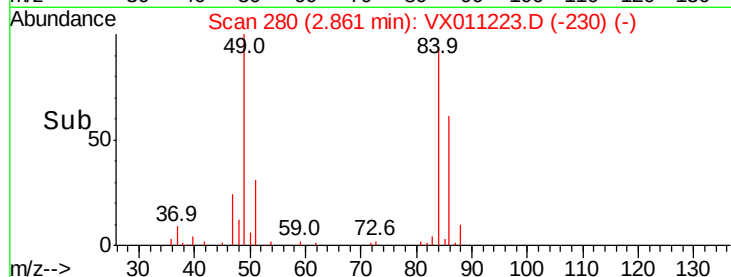
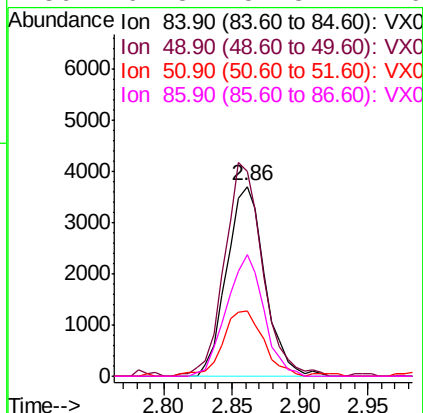
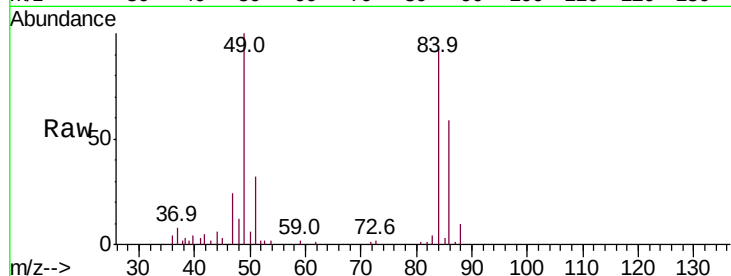




#20
Methylene Chloride
Concen: 3.137 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011223.D
Acq: 31 Jul 2019 03:01

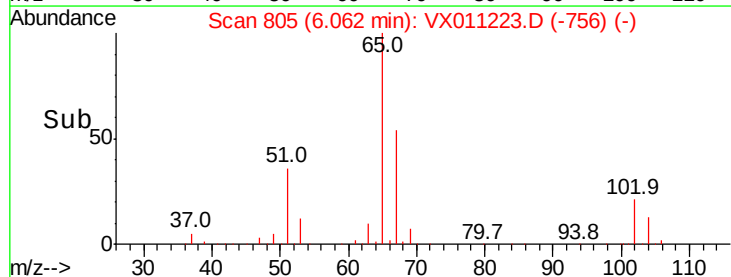
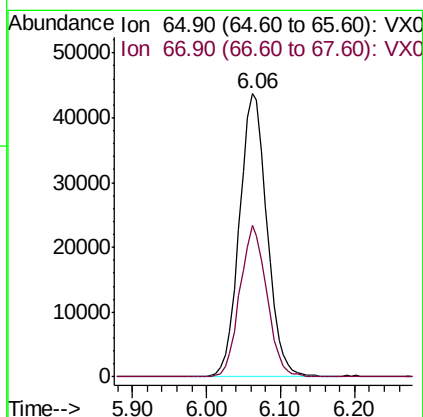
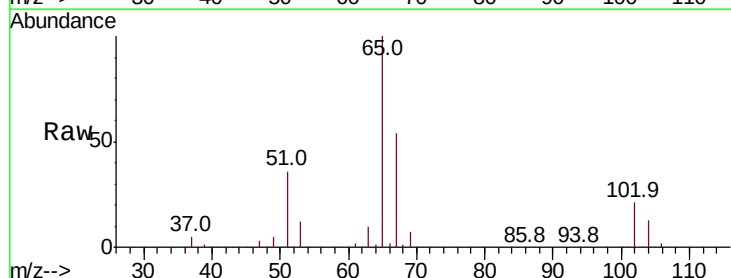
Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#03

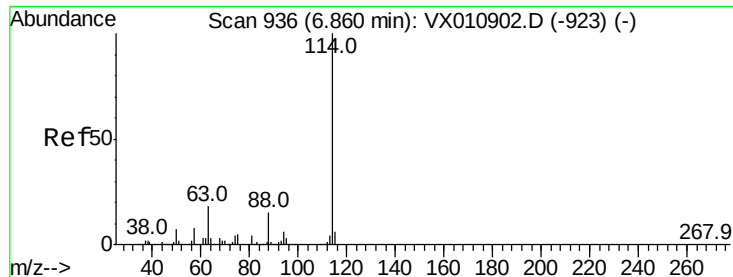
Tot Ion:	84	Resp:	7265
Ion	Ratio	Lower	Upper
84	100		
49	108.1	89.9	134.9
51	33.1	27.8	41.6
86	64.3	51.8	77.6



#33
1,2-Dichloroethane-d4
Concen: 47.121 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011223.D
Acq: 31 Jul 2019 03:01

Tgt Ion:	65	Resp:	113997
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	107.8

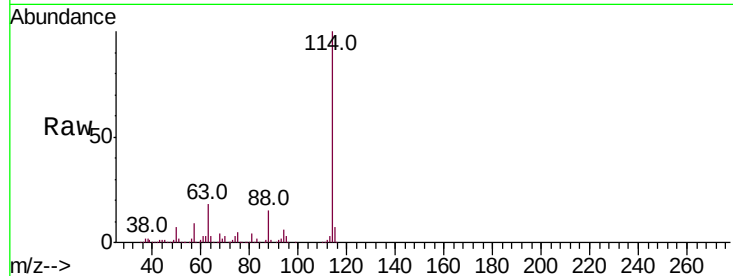




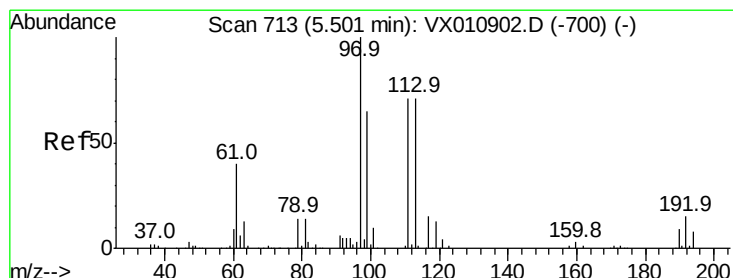
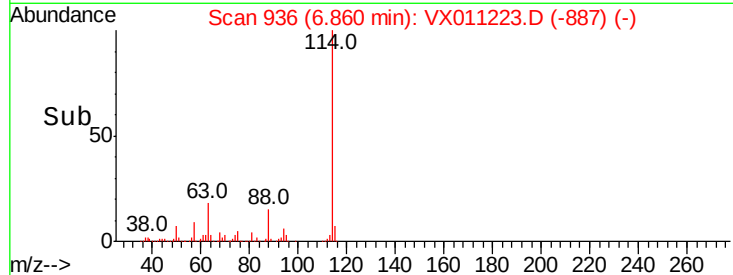
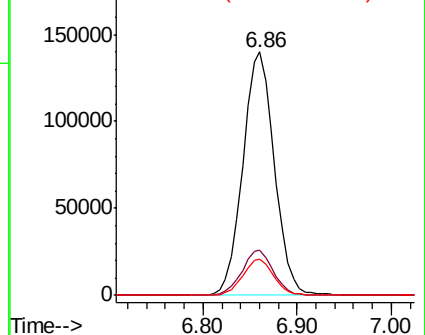
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX011223.D
 Acq: 31 Jul 2019 03:01

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121803ZHE#03

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	35.6
88	14.8	0.0	29.8

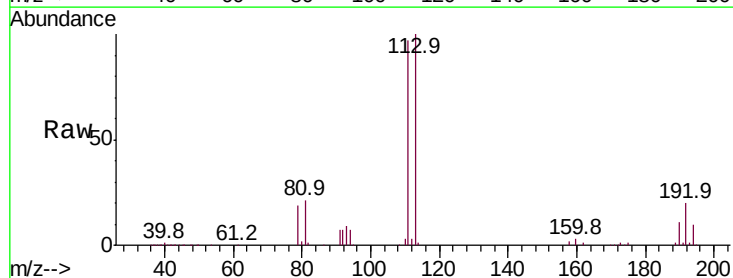


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

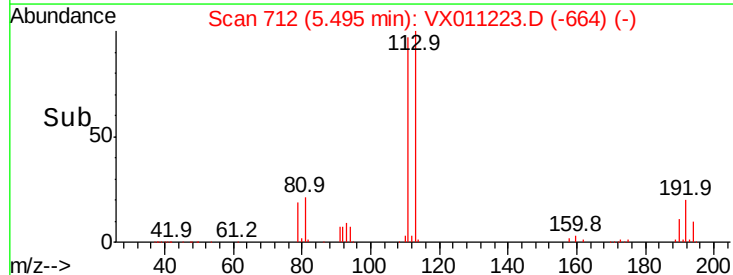
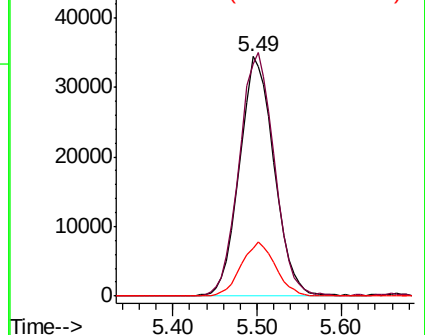


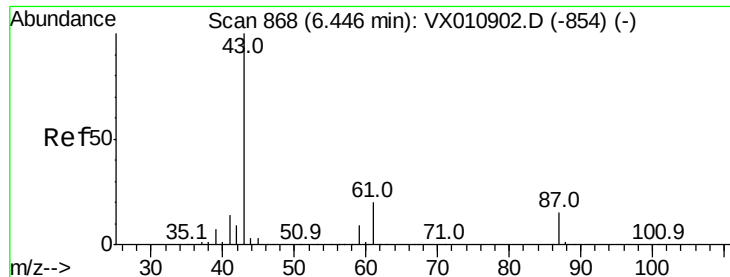
#35
 Dibromofluoromethane
 Concen: 46.086 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX011223.D
 Acq: 31 Jul 2019 03:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.3	123.5
192	22.4	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





#43

Isopropyl Acetate

Concen: 2.541 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011223.D

Acq: 31 Jul 2019 03:01

Instrument :

MSVOA_X

ClientSampleId :

PB121803ZHE#03

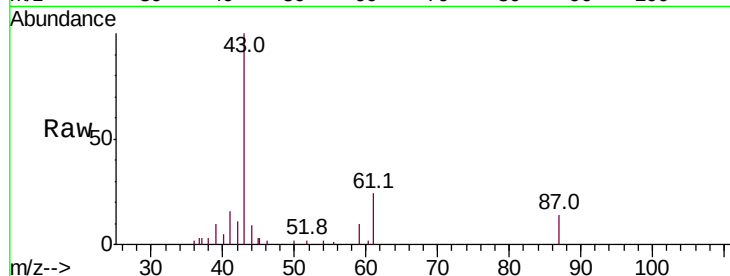
Tot Ion: 43 Resp: 11518

Ion Ratio Lower Upper

43 100

61 20.5 17.1 25.7

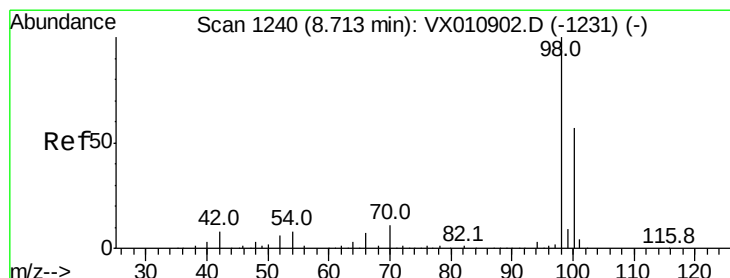
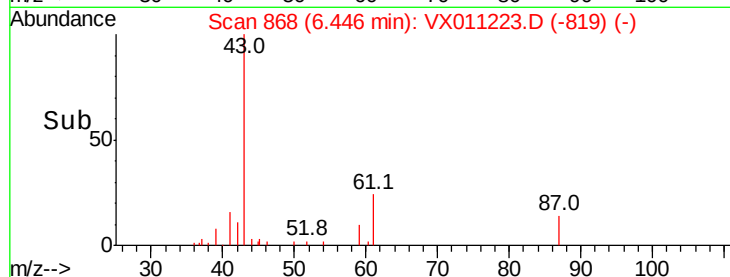
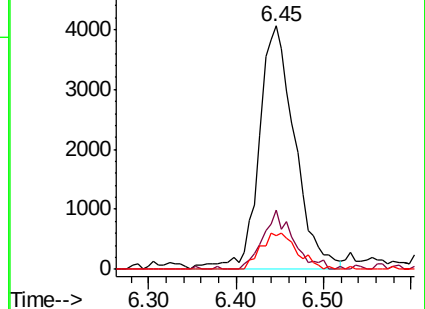
87 15.1 12.0 18.0



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: 49.670 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011223.D

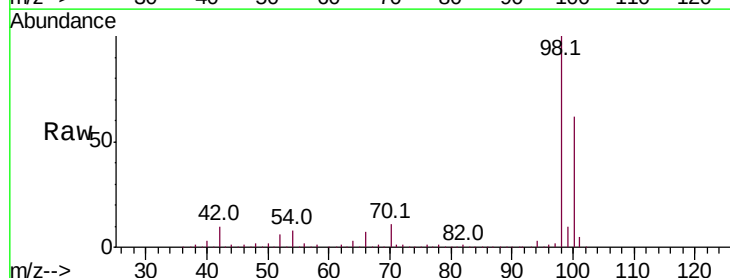
Acq: 31 Jul 2019 03:01

Tgt Ion: 98 Resp: 387484

Ion Ratio Lower Upper

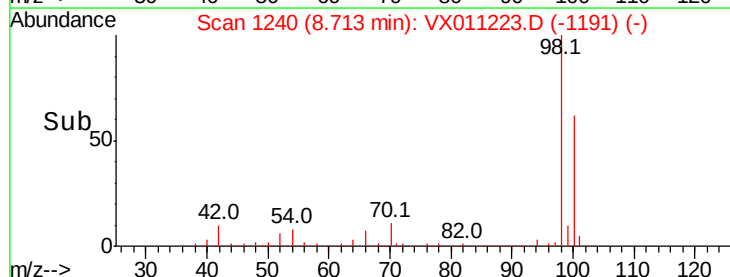
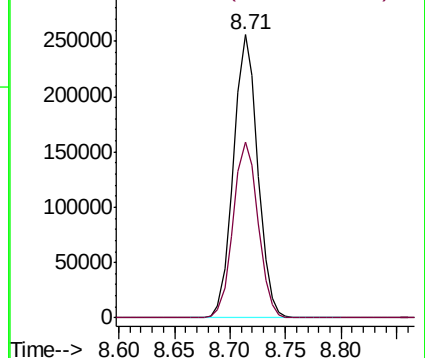
98 100

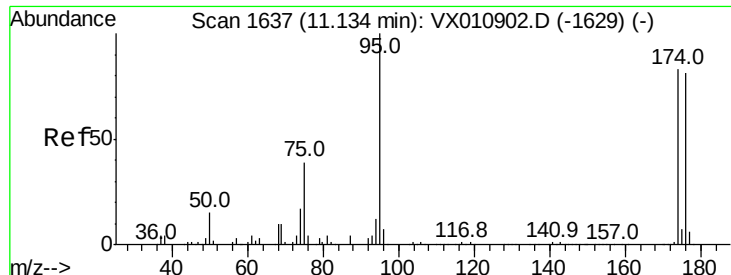
100 63.8 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.607 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011223.D

Acq: 31 Jul 2019 03:01

Instrument :

MSVOA_X

ClientSampleId :

PB121803ZHE#03

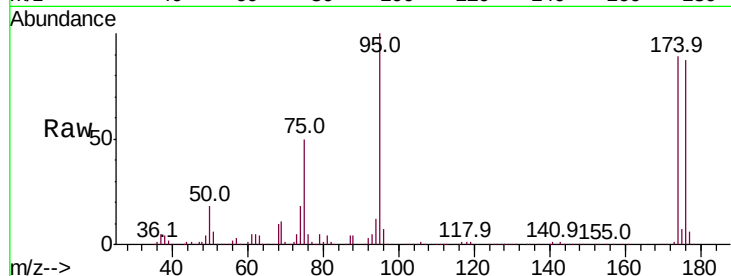
Tot Ion: 95 Resp: 127910

Ion Ratio Lower Upper

95 100

174 92.6 0.0 180.6

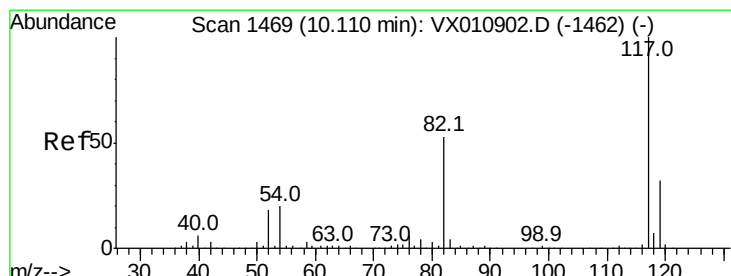
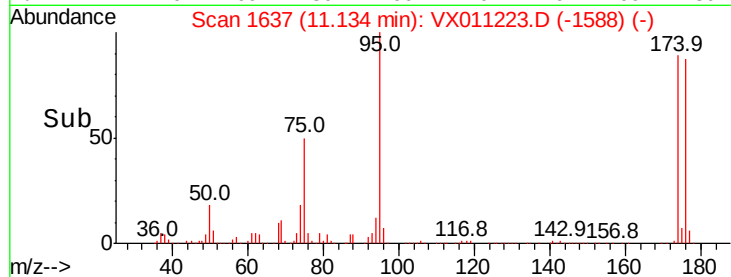
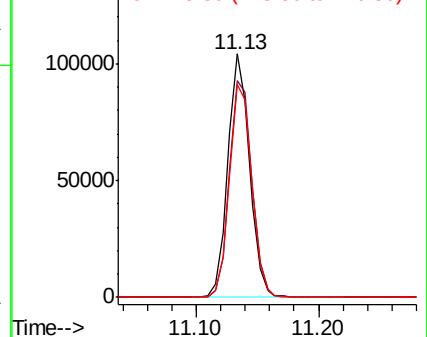
176 90.1 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011223.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011223.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011223.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011223.D

Acq: 31 Jul 2019 03:01

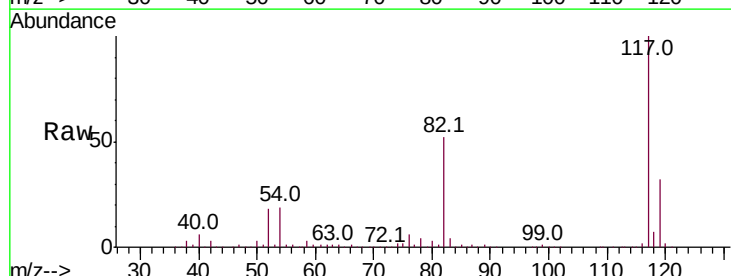
Tgt Ion: 117 Resp: 297549

Ion Ratio Lower Upper

117 100

82 52.3 42.6 63.8

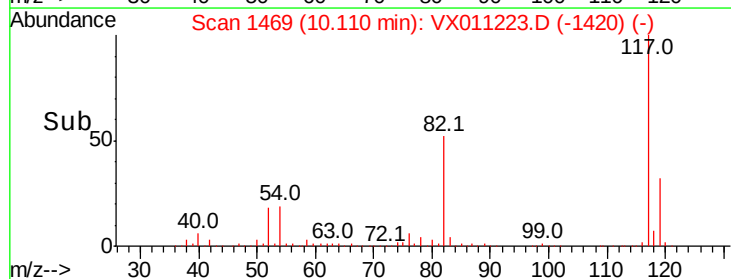
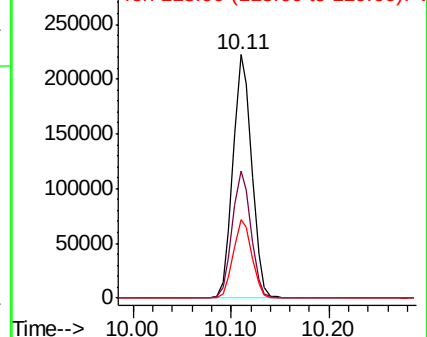
119 32.3 25.9 38.9

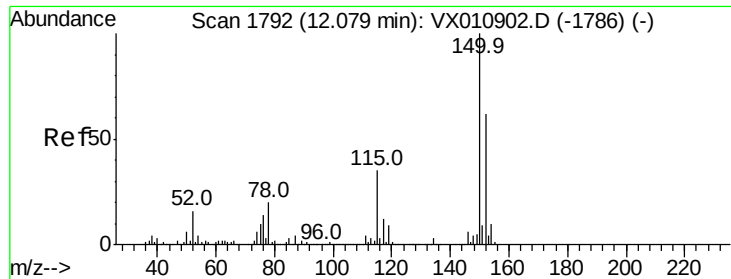


Abundance Ion 116.90 (116.60 to 117.60): VX011223.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011223.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011223.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011223.D

Acq: 31 Jul 2019 03:01

Instrument :

MSVOA_X

ClientSampleId :

PB121803ZHE#03

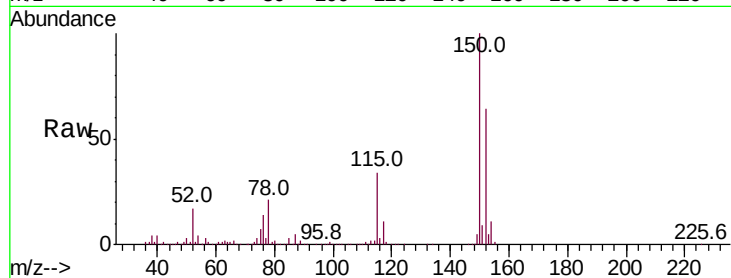
Tot Ion:152 Resp: 135220

Ion Ratio Lower Upper

152 100

115 55.2 39.7 119.1

150 156.8 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

