

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011096.D
 Acq On : 26 Jul 2019 17:22
 Operator : JC/SP
 Sample : PB121723ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121723ZHE#02

Quant Time: Jul 27 03:43:04 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

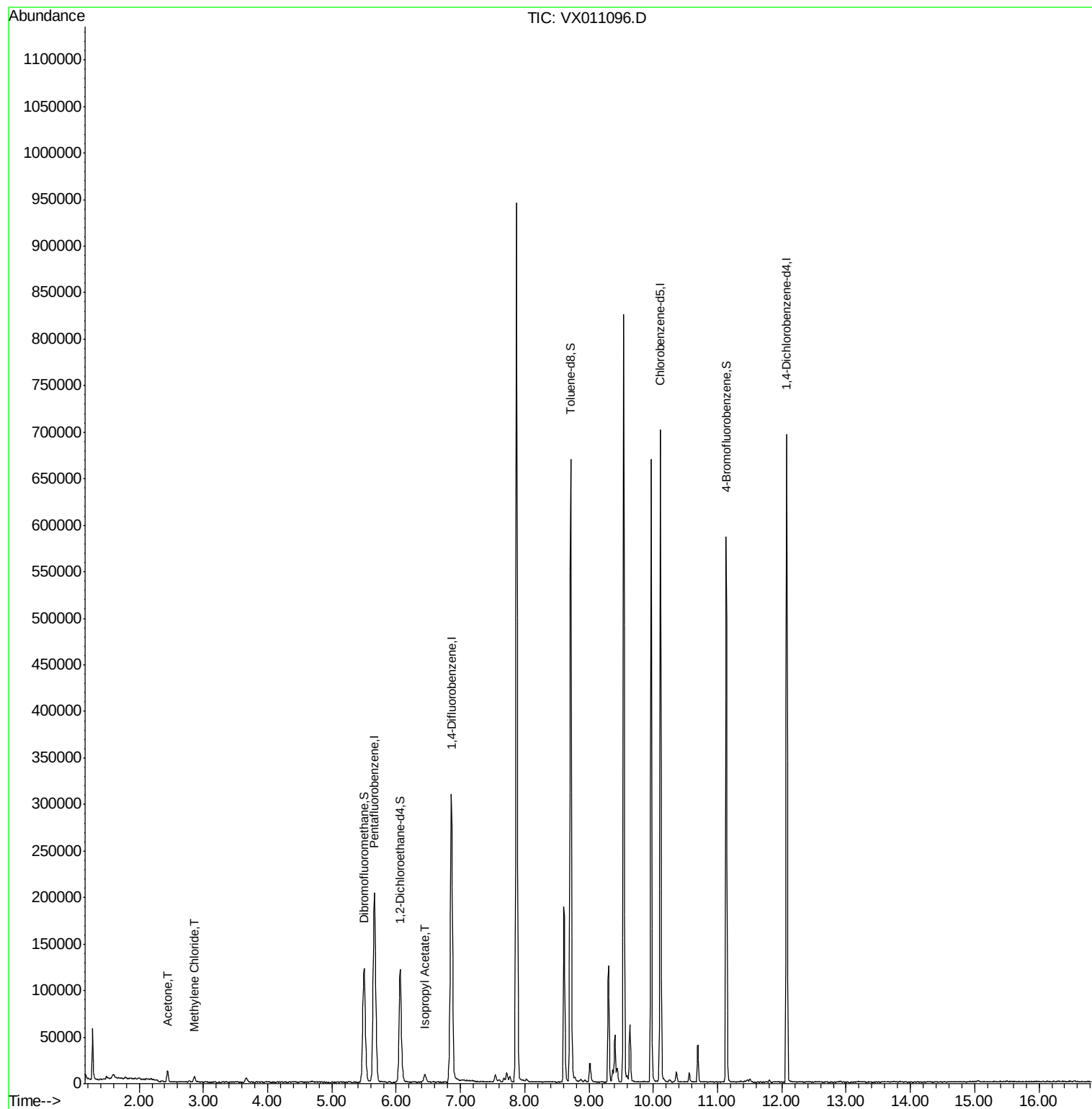
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	203865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	328034	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	319051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150095	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	112167	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
35) Dibromofluoromethane	5.50	113	102876	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
50) Toluene-d8	8.71	98	403658	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	11.13	95	146622	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
Target Compounds						
16) Acetone	2.44	43	12684	12.949	ug/l	91
20) Methylene Chloride	2.86	84	2792	1.345	ug/l #	93
43) Isopropyl Acetate	6.45	43	11557	2.547	ug/l	98

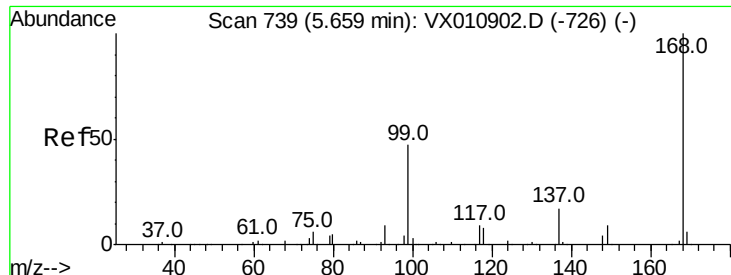
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 739

Delta R.T. 0.00 min

Lab File: VX011096.D

Acq: 26 Jul 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

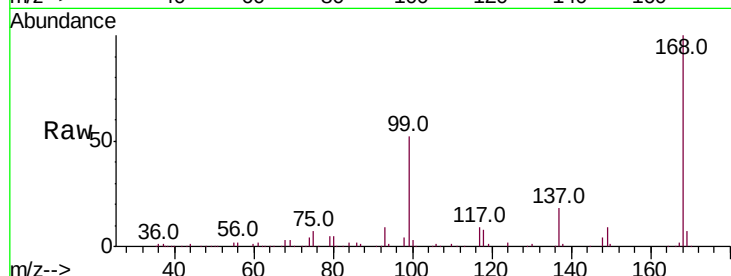
PB121723ZHE#02

Tot Ion:168 Resp: 203865

Ion Ratio Lower Upper

168 100

99 52.4 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

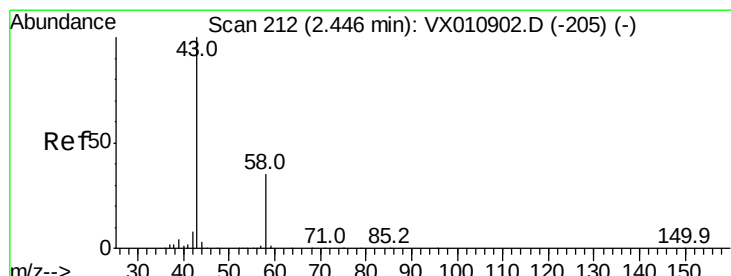
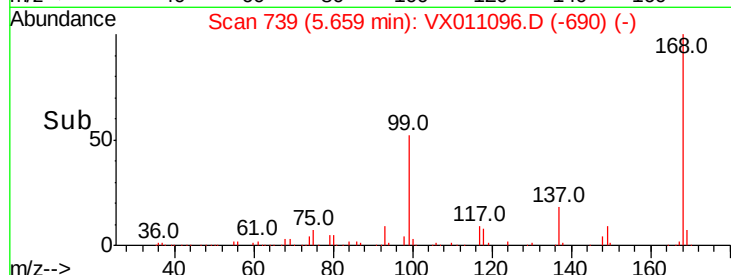
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 12.949 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011096.D

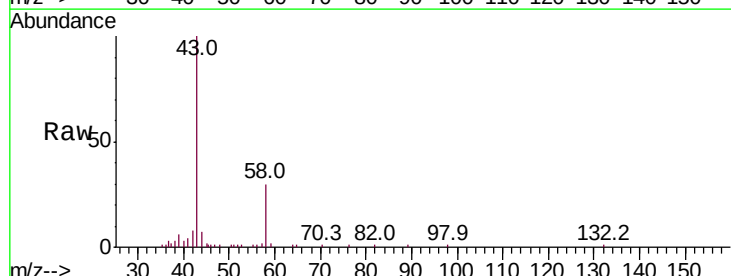
Acq: 26 Jul 2019 17:22

Tgt Ion: 43 Resp: 12684

Ion Ratio Lower Upper

43 100

58 29.5 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

8000

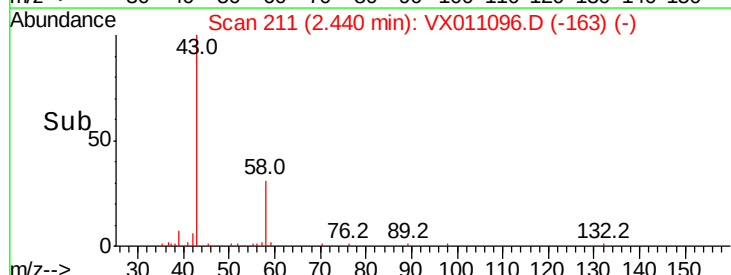
6000

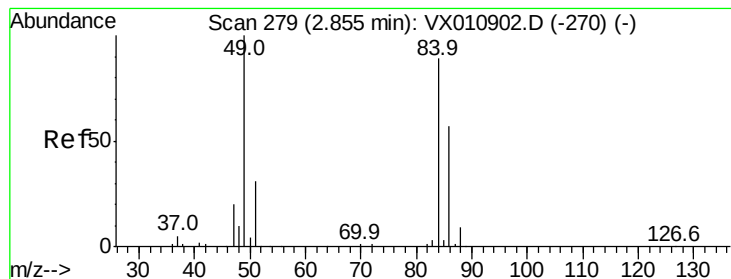
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#20

Methylene Chloride

Concen: 1.345 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX011096.D

Acq: 26 Jul 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

PB121723ZHE#02

Tot Ion: 84 Resp: 2792

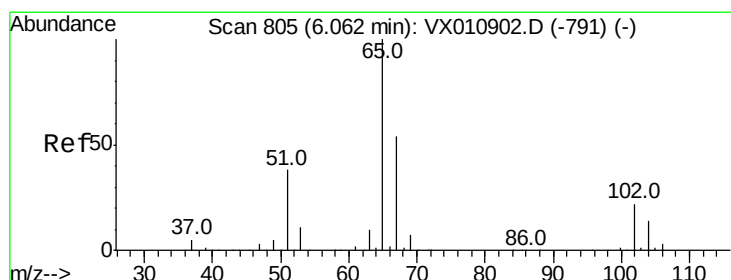
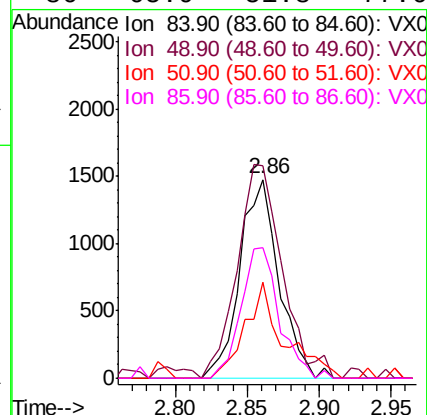
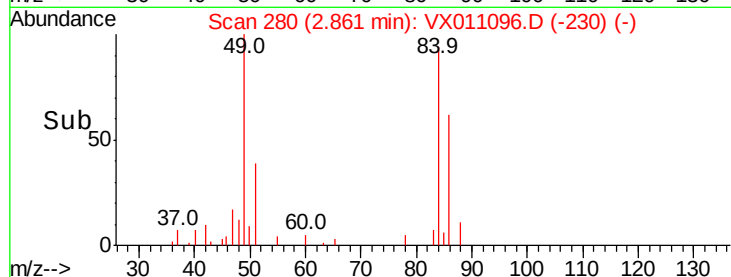
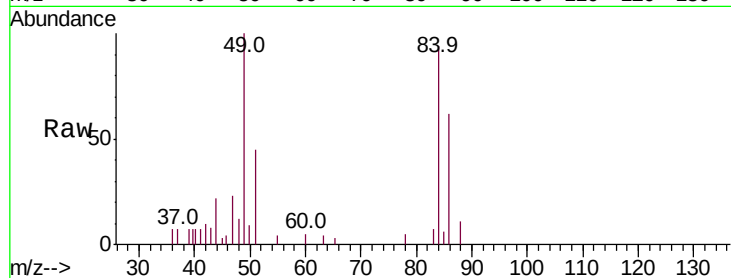
Ion Ratio Lower Upper

84 100

49 106.9 89.9 134.9

51 48.6 27.8 41.6#

86 65.9 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: 51.718 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX011096.D

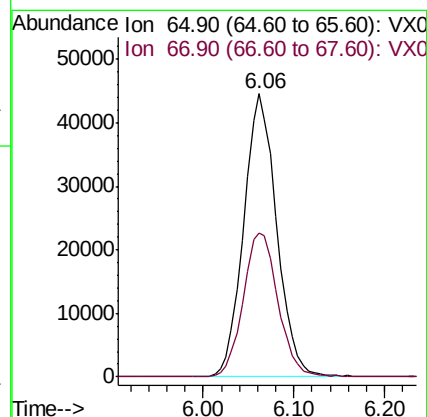
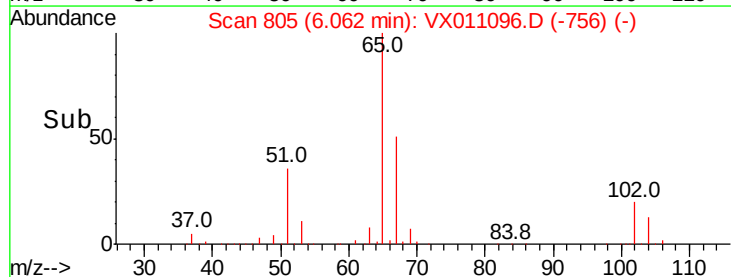
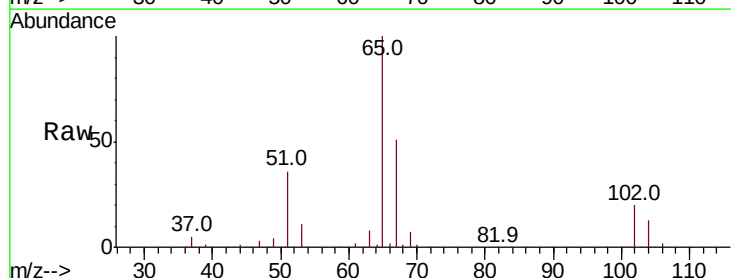
Acq: 26 Jul 2019 17:22

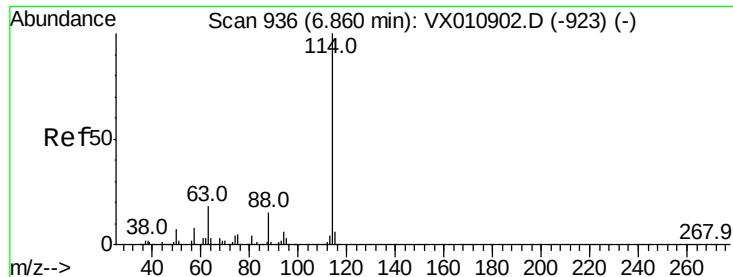
Tgt Ion: 65 Resp: 112167

Ion Ratio Lower Upper

65 100

67 53.7 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: VX011096.D

Acq: 26 Jul 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

PB121723ZHE#02

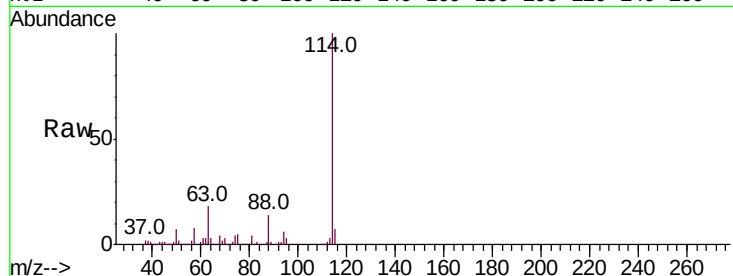
Tot Ion:114 Resp: 328034

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.6

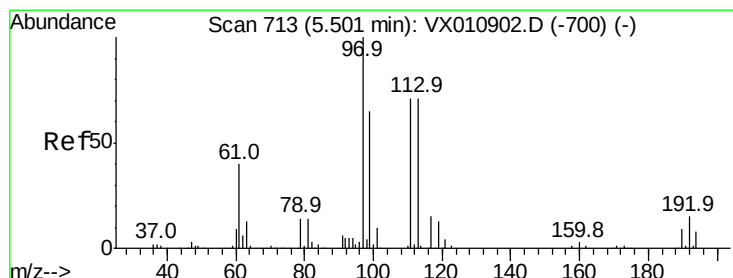
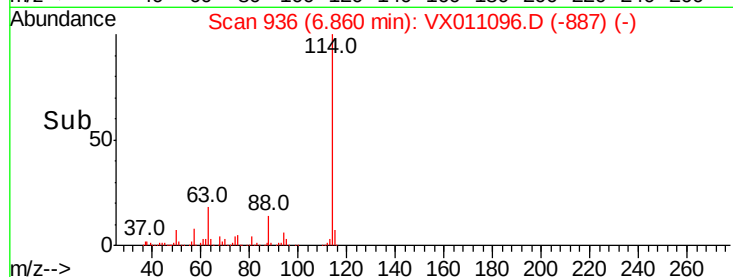
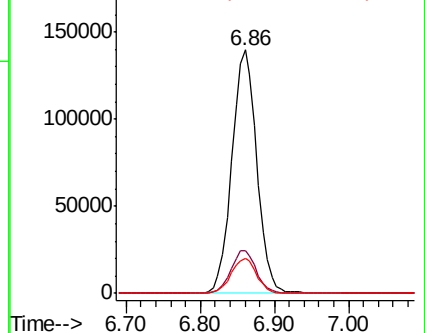
88 14.2 0.0 29.8



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: 49.410 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011096.D

Acq: 26 Jul 2019 17:22

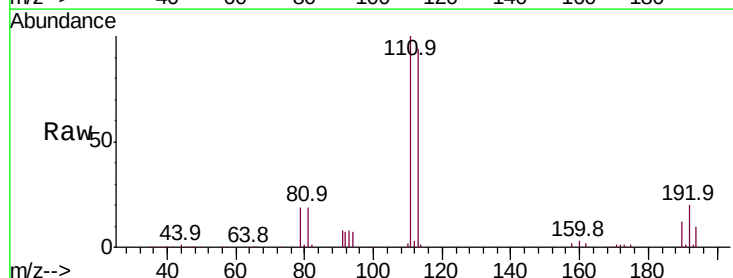
Tgt Ion:113 Resp: 102876

Ion Ratio Lower Upper

113 100

111 102.3 82.3 123.5

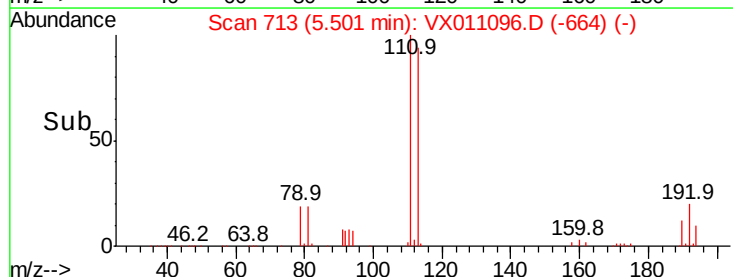
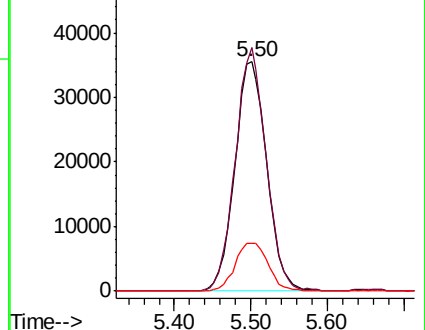
192 21.6 17.4 26.2

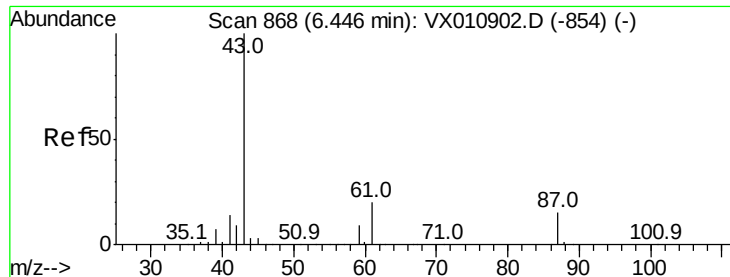


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.547 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX011096.D

Acq: 26 Jul 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

PB121723ZHE#02

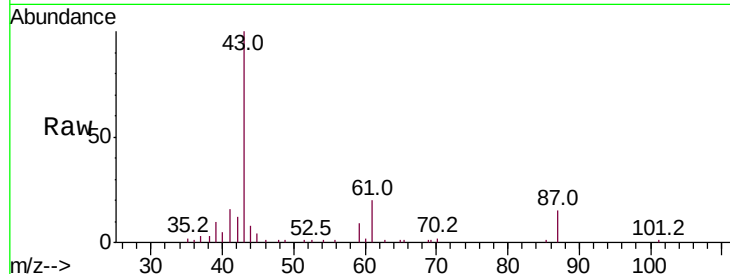
Tot Ion: 43 Resp: 11557

Ion Ratio Lower Upper

43 100

61 22.8 17.1 25.7

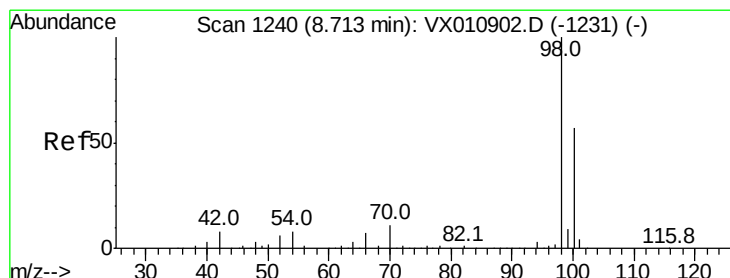
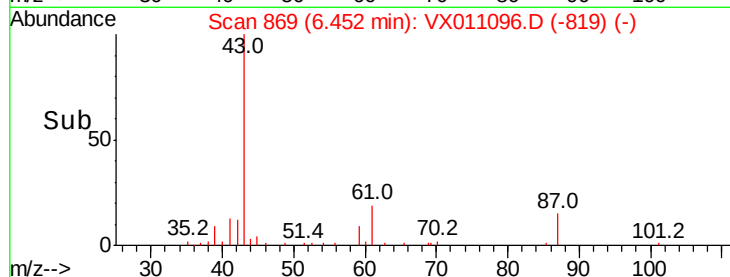
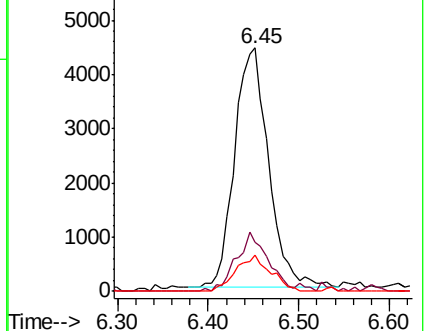
87 15.1 12.0 18.0



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: 51.690 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011096.D

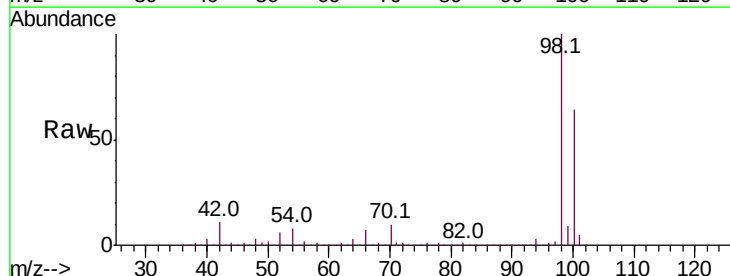
Acq: 26 Jul 2019 17:22

Tgt Ion: 98 Resp: 403658

Ion Ratio Lower Upper

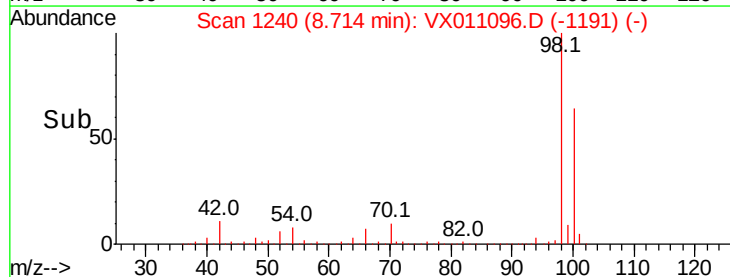
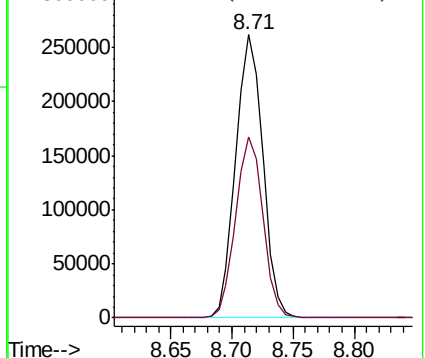
98 100

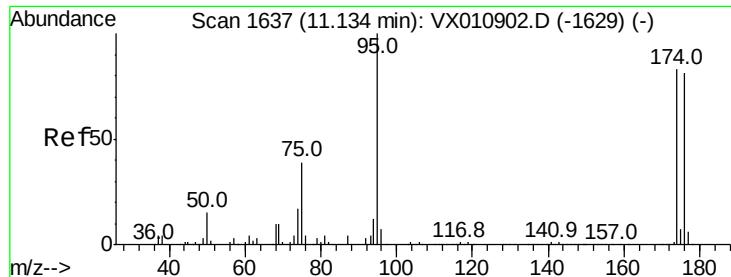
100 64.0 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 51.080 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011096.D

Acq: 26 Jul 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

PB121723ZHE#02

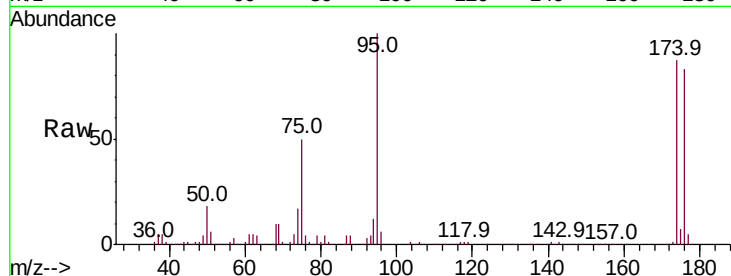
Tot Ion: 95 Resp: 146622

Ion Ratio Lower Upper

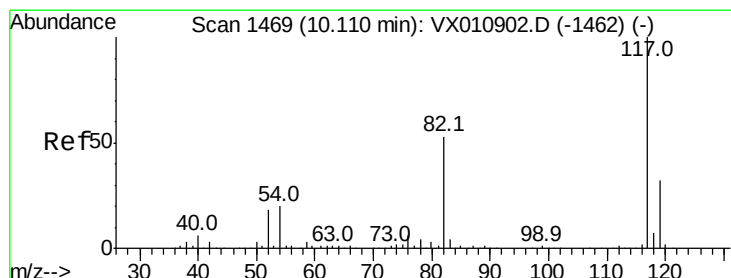
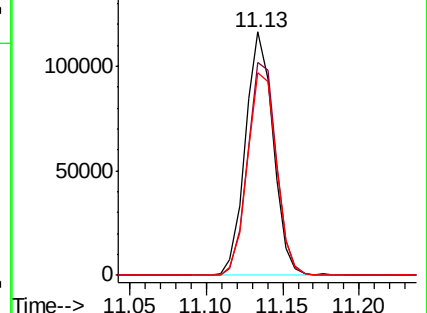
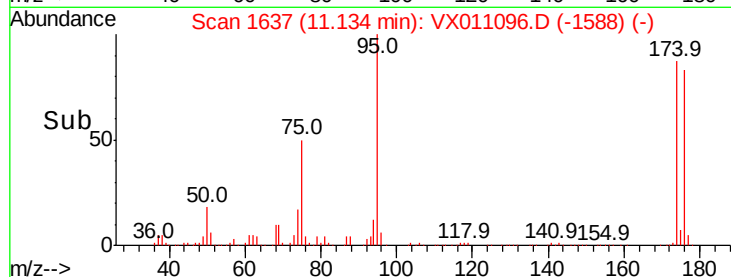
95 100

174 90.8 0.0 180.6

176 87.3 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011096.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011096.D

Acq: 26 Jul 2019 17:22

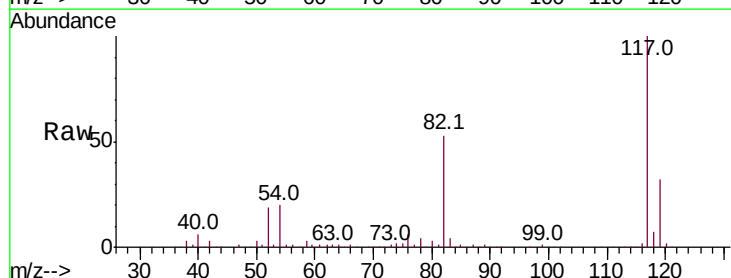
Tgt Ion: 117 Resp: 319051

Ion Ratio Lower Upper

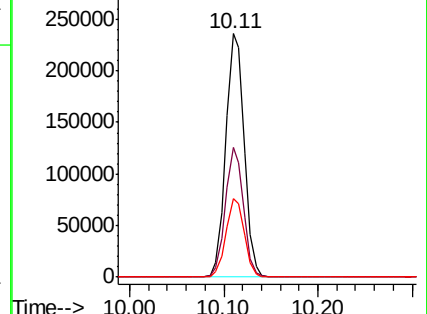
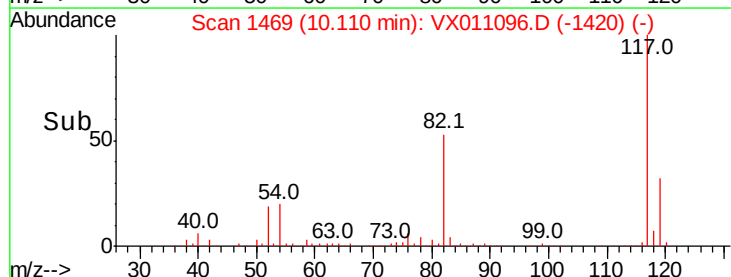
117 100

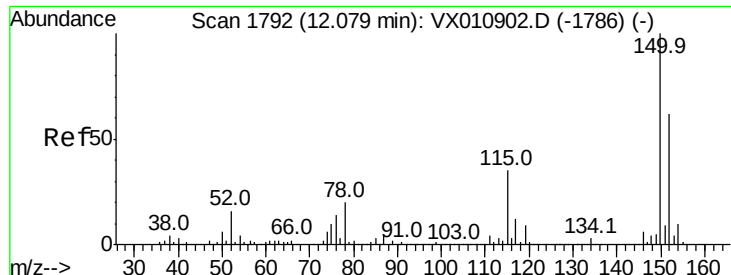
82 53.0 42.6 63.8

119 32.5 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VX011096.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: VX011096.D
 Acq: 26 Jul 2019 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121723ZHE#02

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	39.7	119.1
150	155.2	0.0	345.6

