

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011171.D
 Acq On : 30 Jul 2019 02:20
 Operator : JC/SP
 Sample : PB121753TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121753TB

Quant Time: Jul 30 07:05:16 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

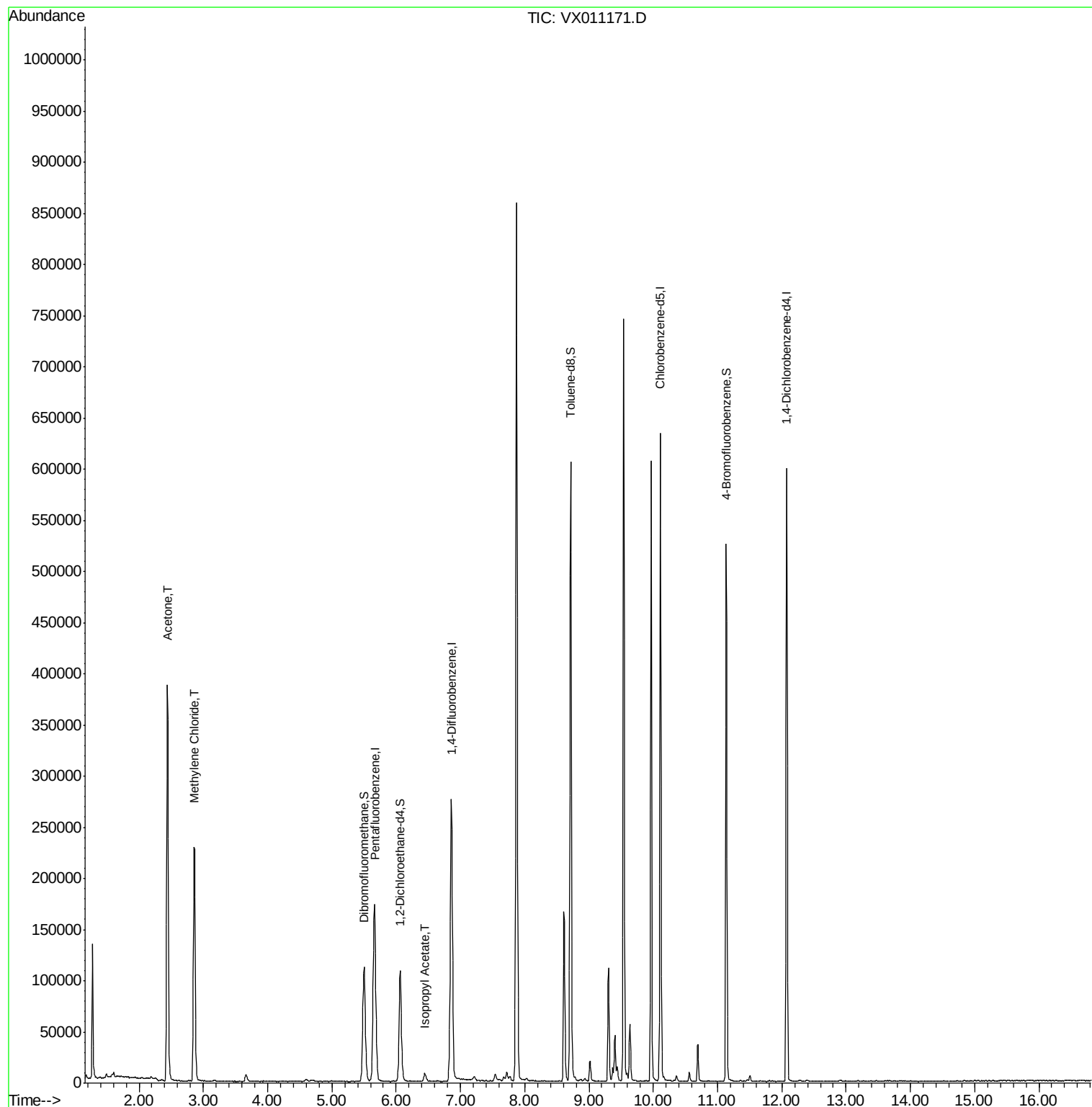
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	290673	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	286722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128877	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	99553	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
35) Dibromofluoromethane	5.50	113	91831	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
50) Toluene-d8	8.71	98	361381	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
62) 4-Bromofluorobenzene	11.13	95	126931	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
Target Compounds						
16) Acetone	2.44	43	399464	465.671	ug/l	97
20) Methylene Chloride	2.86	84	113903	62.656	ug/l	99
43) Isopropyl Acetate	6.45	43	10621	2.642	ug/l	95

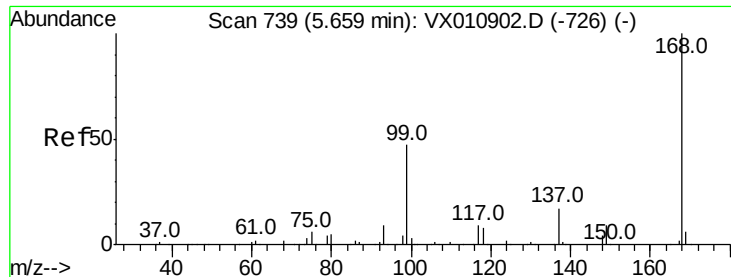
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011171.D

Acq: 30 Jul 2019 02:20

Instrument :

MSVOA_X

ClientSampleId :

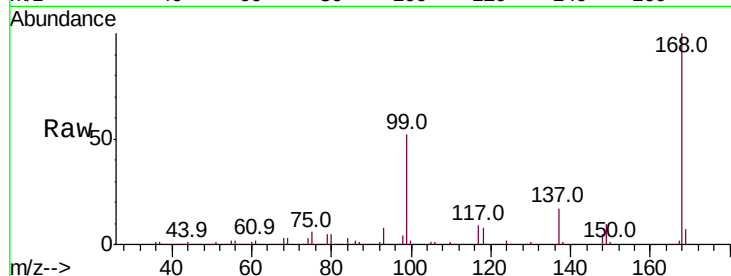
PB121753TB

Tot Ion:168 Resp: 178533

Ion Ratio Lower Upper

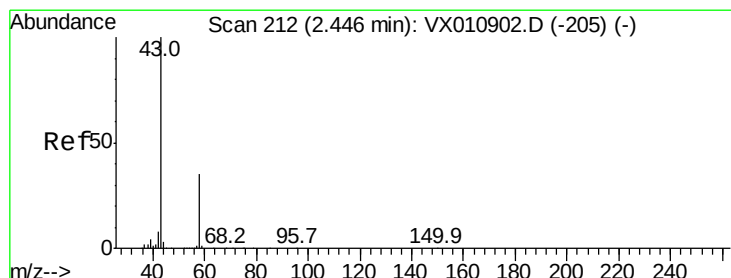
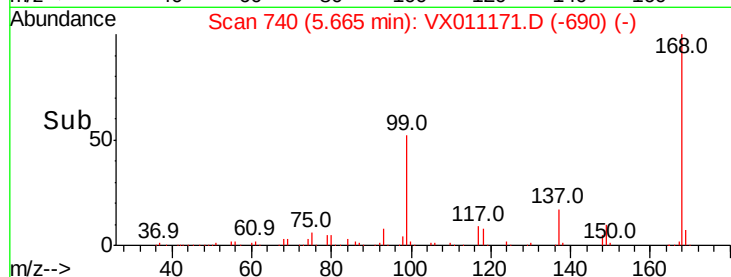
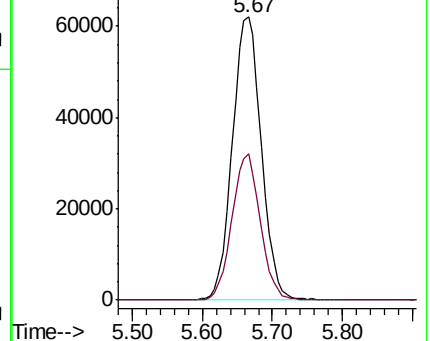
168 100

99 51.5 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: 465.671 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011171.D

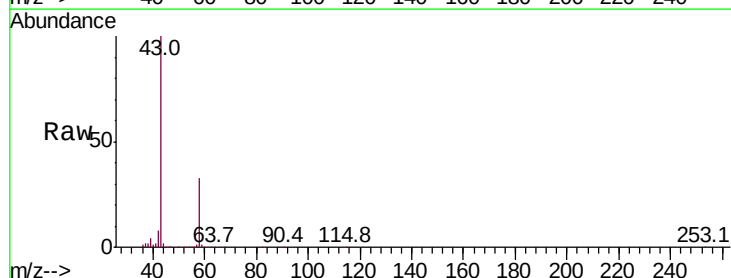
Acq: 30 Jul 2019 02:20

Tgt Ion: 43 Resp: 399464

Ion Ratio Lower Upper

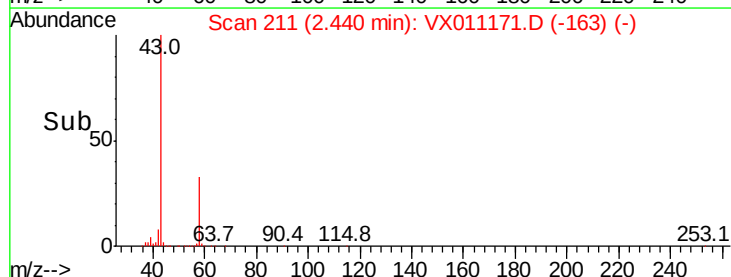
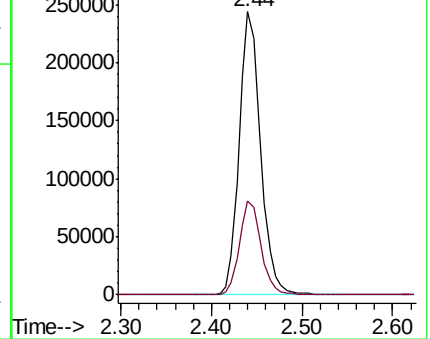
43 100

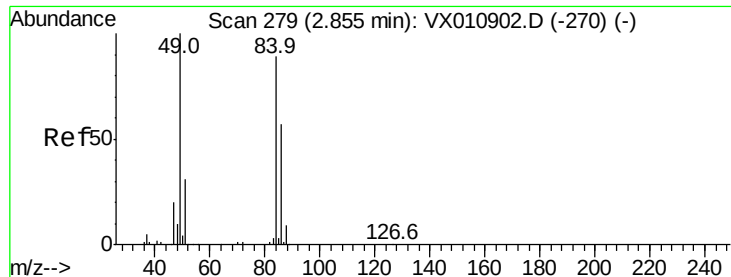
58 33.0 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 62.656 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX011171.D

Acq: 30 Jul 2019 02:20

Instrument :

MSVOA_X

ClientSampleId :

PB121753TB

Tot Ion: 84 Resp: 113903

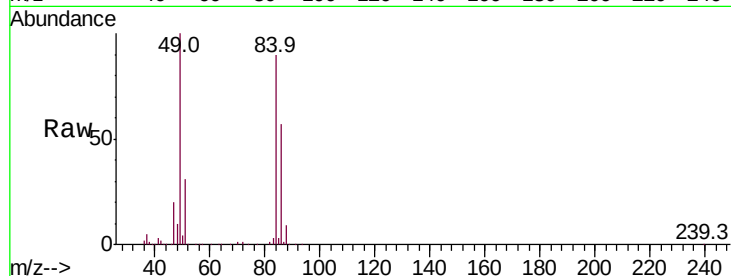
Ion Ratio Lower Upper

84 100

49 111.1 89.9 134.9

51 34.0 27.8 41.6

86 63.3 51.8 77.6

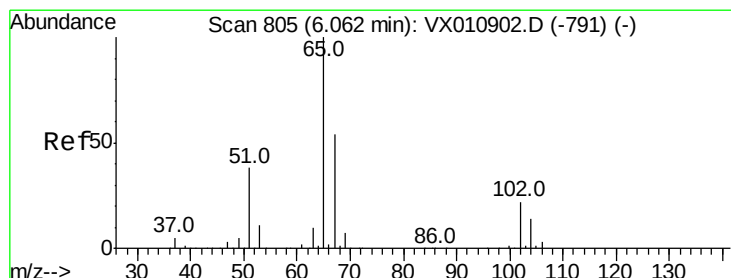
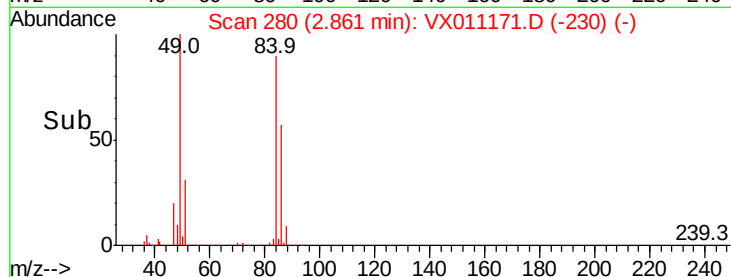
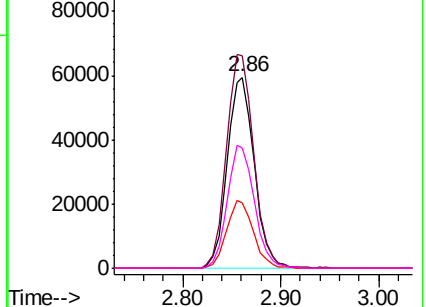


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 52.415 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX011171.D

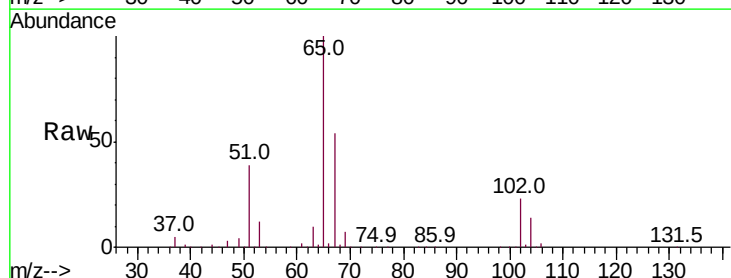
Acq: 30 Jul 2019 02:20

Tgt Ion: 65 Resp: 99553

Ion Ratio Lower Upper

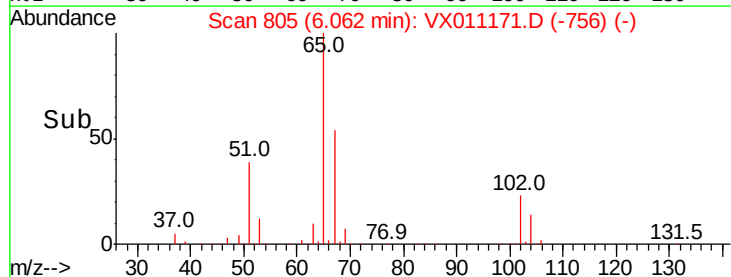
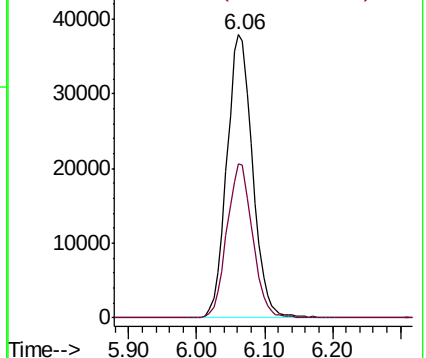
65 100

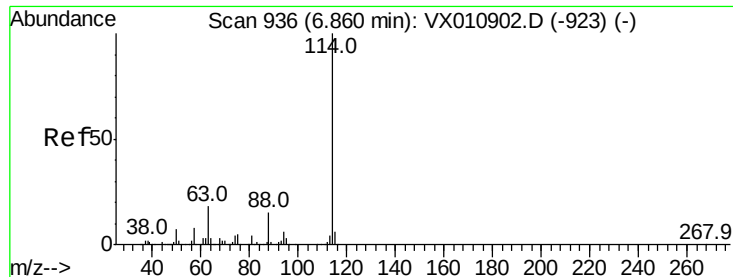
67 54.4 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

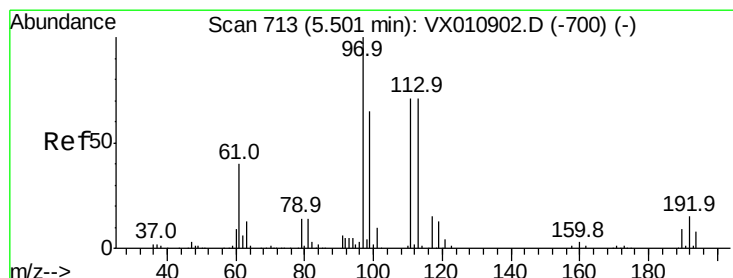
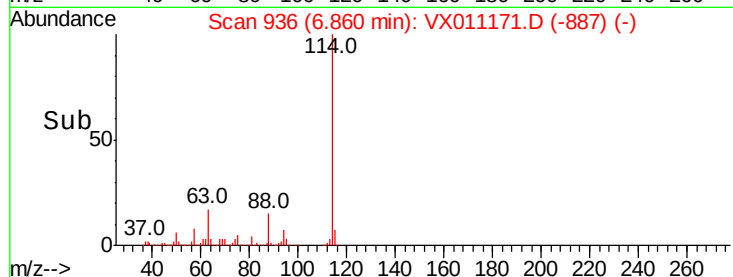
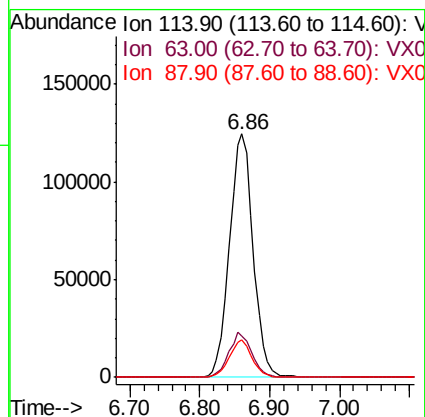
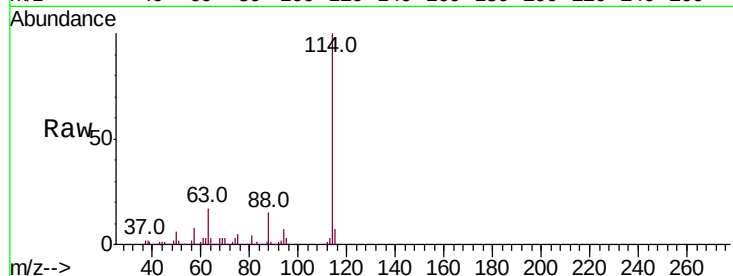




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX011171.D
 Acq: 30 Jul 2019 02:20

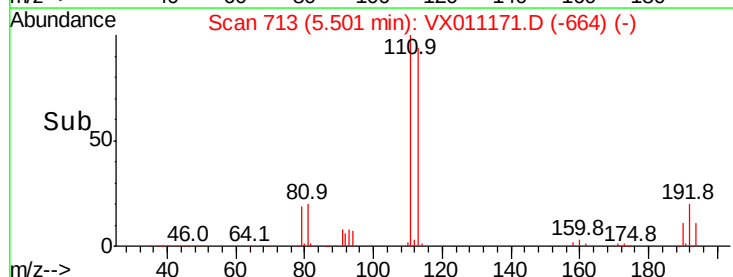
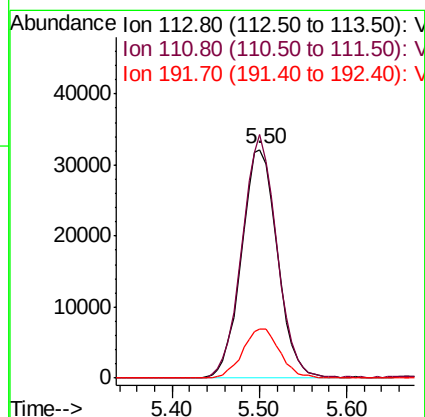
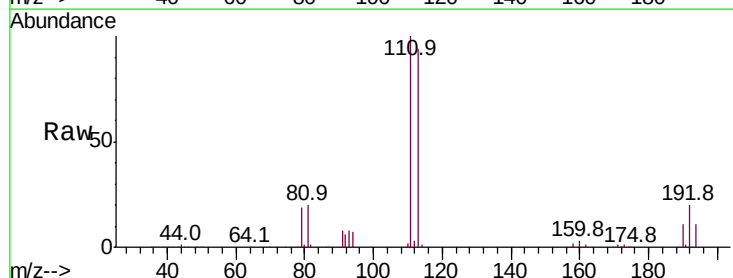
Instrument :
 MSVOA_X
 ClientSampleId :
 PB121753TB

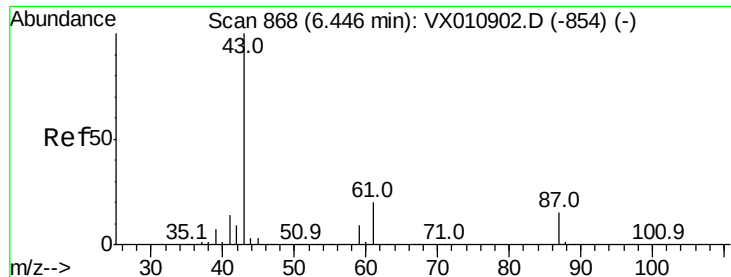
Tot Ion:114 Resp: 290673
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.6
 88 15.2 0.0 29.8



#35
 Dibromofluoromethane
 Concen: 49.774 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX011171.D
 Acq: 30 Jul 2019 02:20

Tgt Ion:113 Resp: 91831
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.3 123.5
 192 22.3 17.4 26.2





#43

Isopropyl Acetate

Concen: 2.642 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX011171.D

Acq: 30 Jul 2019 02:20

Instrument :

MSVOA_X

ClientSampleId :

PB121753TB

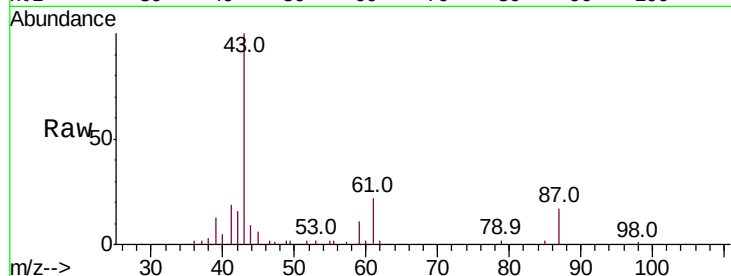
Tot Ion: 43 Resp: 10621

Ion Ratio Lower Upper

43 100

61 24.1 17.1 25.7

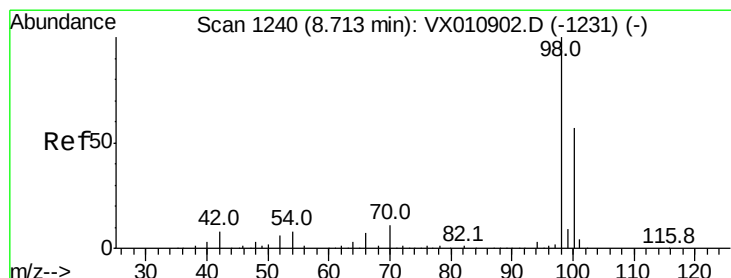
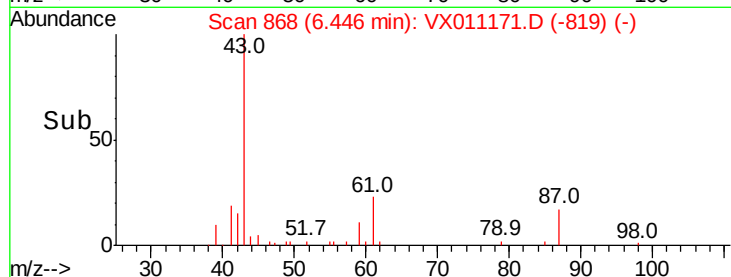
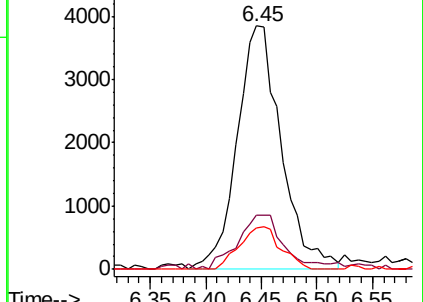
87 16.3 12.0 18.0



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: 52.224 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011171.D

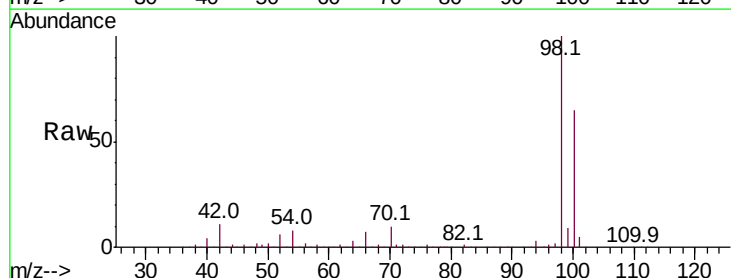
Acq: 30 Jul 2019 02:20

Tgt Ion: 98 Resp: 361381

Ion Ratio Lower Upper

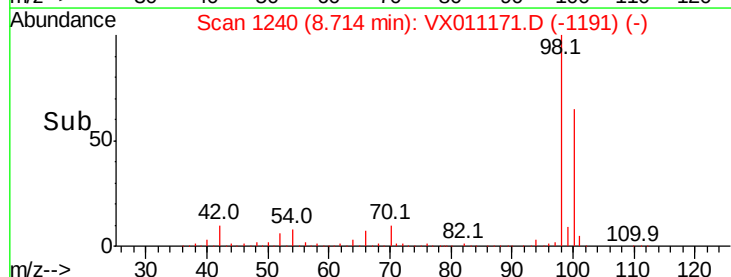
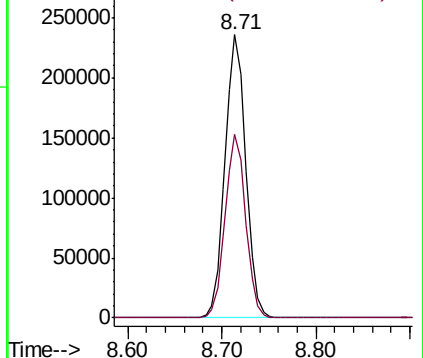
98 100

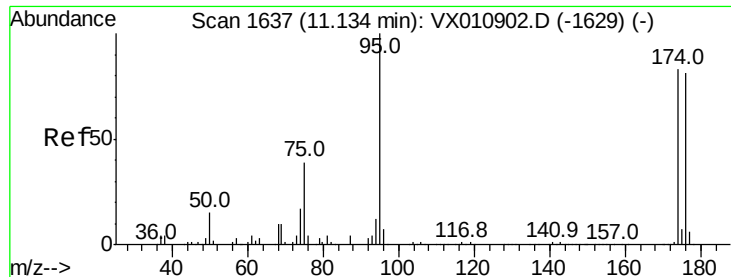
100 64.1 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 49.904 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011171.D

Acq: 30 Jul 2019 02:20

Instrument :

MSVOA_X

ClientSampleId :

PB121753TB

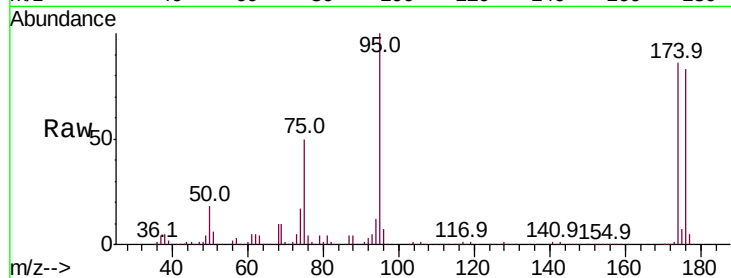
Tot Ion: 95 Resp: 126931

Ion Ratio Lower Upper

95 100

174 91.8 0.0 180.6

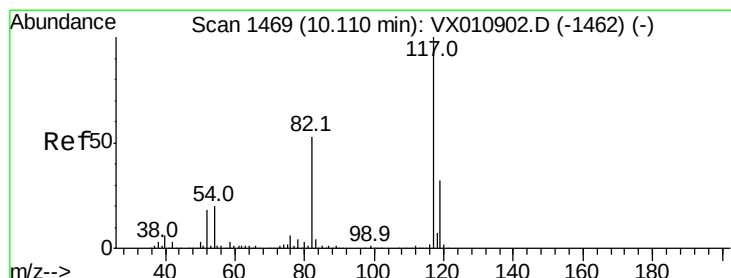
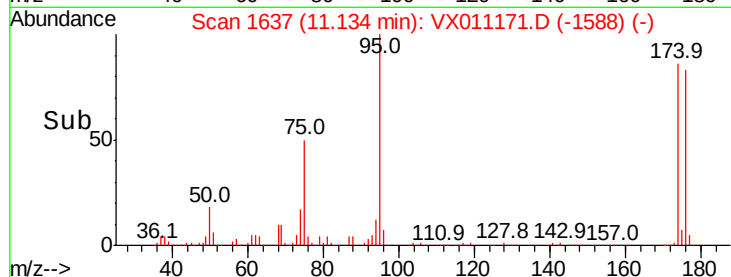
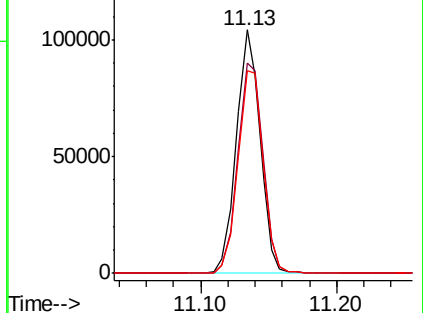
176 88.4 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011171.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011171.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011171.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011171.D

Acq: 30 Jul 2019 02:20

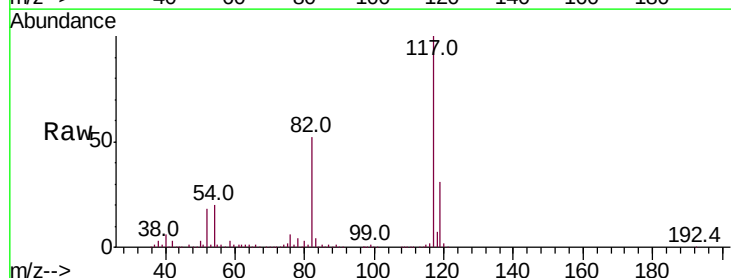
Tgt Ion: 117 Resp: 286722

Ion Ratio Lower Upper

117 100

82 52.5 42.6 63.8

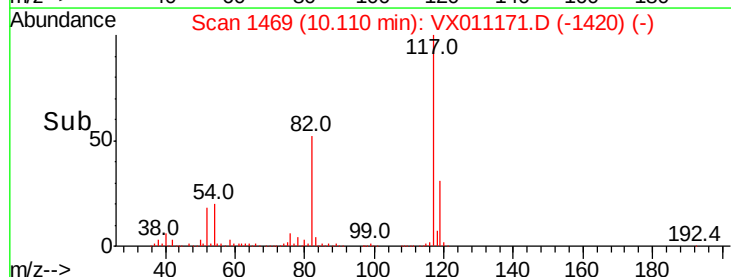
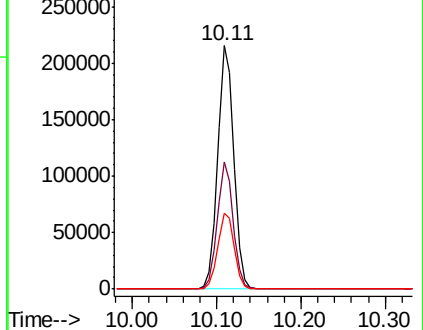
119 31.3 25.9 38.9

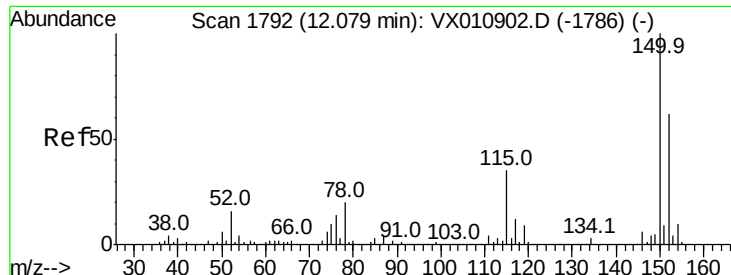


Abundance Ion 116.90 (116.60 to 117.60): VX011171.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011171.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011171.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: VX011171.D

Acq: 30 Jul 2019 02:20

Instrument :

MSVOA_X

ClientSampleId :

PB121753TB

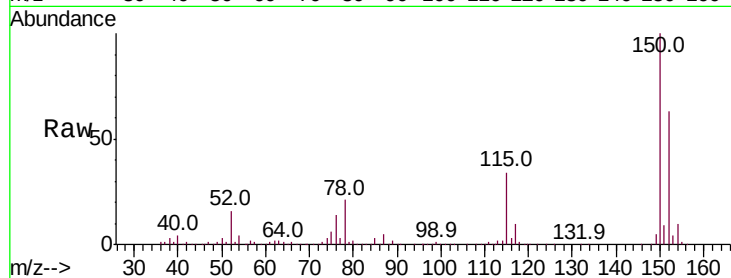
Tot Ion:152 Resp: 128877

Ion Ratio Lower Upper

152 100

115 55.5 39.7 119.1

150 156.4 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

