

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011219.D
 Acq On : 31 Jul 2019 01:27
 Operator : JC/SP
 Sample : PB121808TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121808TB

Quant Time: Jul 31 09:40:23 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

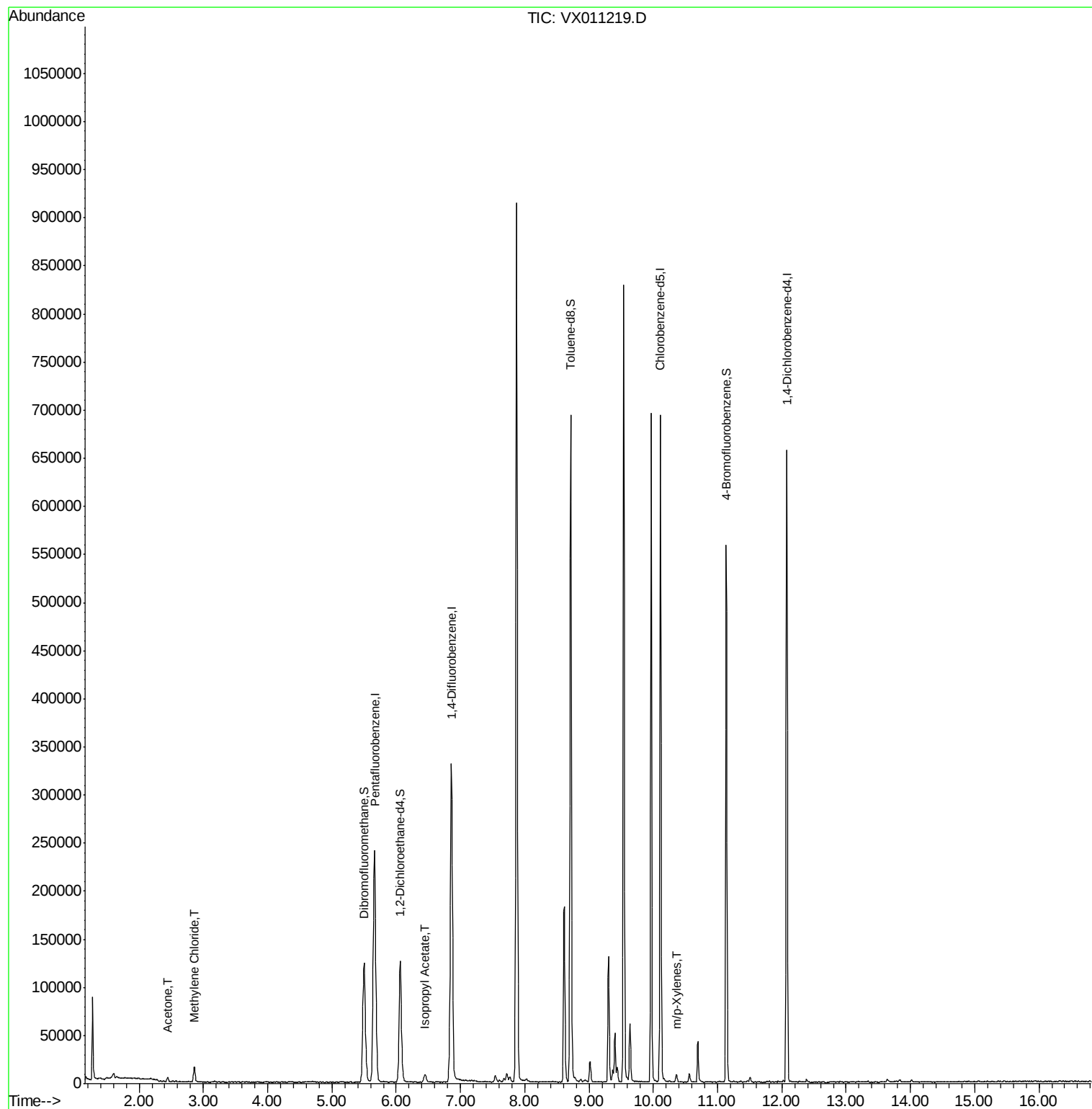
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	242069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	347442	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	316967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142802	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	118851	46.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.30%	
35) Dibromofluoromethane	5.50	113	103894	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
50) Toluene-d8	8.71	98	407288	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	11.13	95	136415	44.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.74%	
Target Compounds						
16) Acetone	2.45	43	5227	4.494	ug/l	89
20) Methylene Chloride	2.86	84	7460	3.027	ug/l	93
43) Isopropyl Acetate	6.45	43	11878	2.472	ug/l	100
68) m/p-Xylenes	10.37	106	2004	0.471	ug/l	93

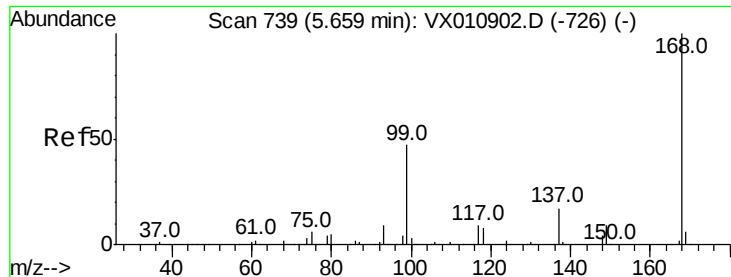
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011219.D

Acq: 31 Jul 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

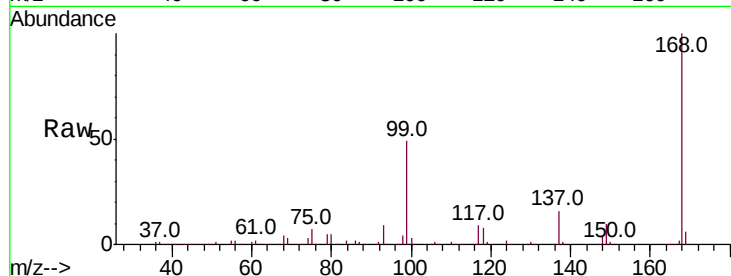
PB121808TB

Tot Ion:168 Resp: 242069

Ion Ratio Lower Upper

168 100

99 49.0 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

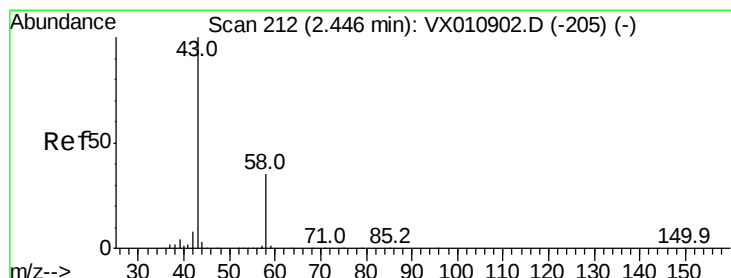
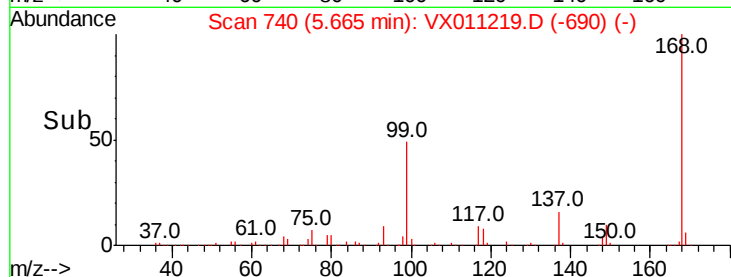
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 4.494 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011219.D

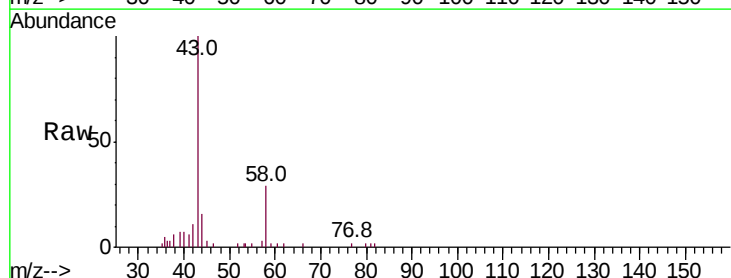
Acq: 31 Jul 2019 01:27

Tgt Ion: 43 Resp: 5227

Ion Ratio Lower Upper

43 100

58 28.5 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

3000

2500

2000

1500

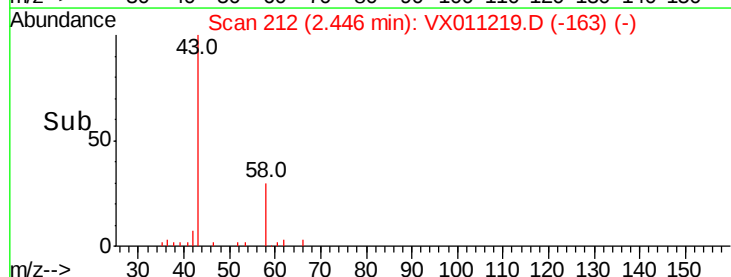
1000

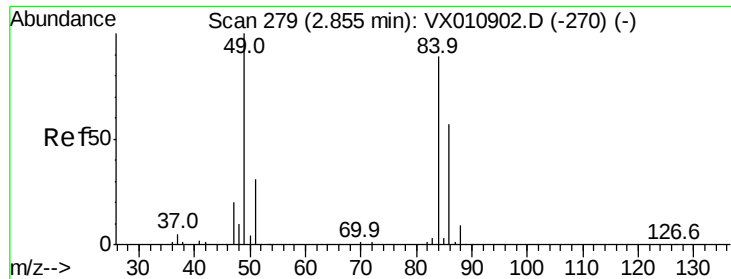
500

0

Time-->

2.35 2.40 2.45 2.50

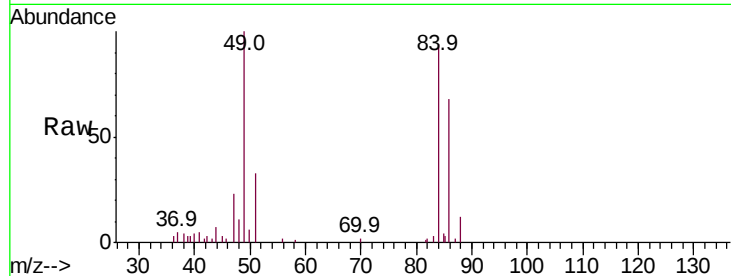




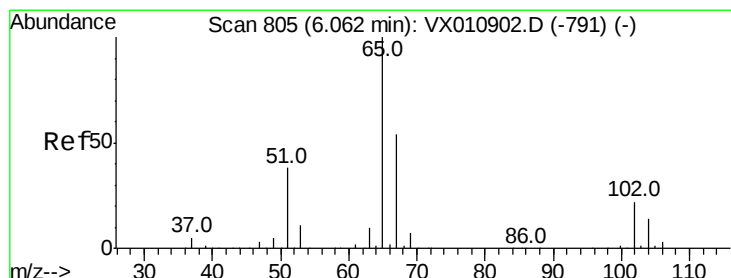
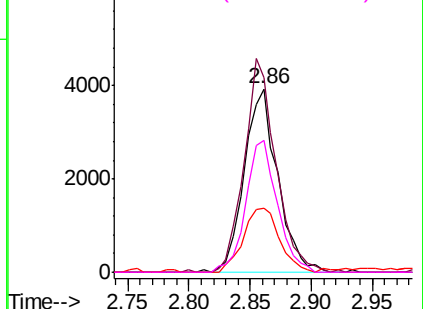
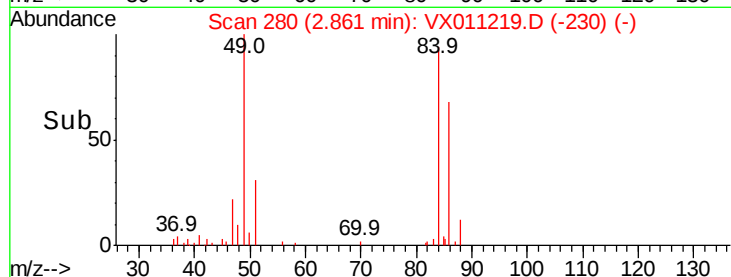
#20
Methylene Chloride
Concen: 3.027 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Instrument :
MSVOA_X
ClientSampled :
PB121808TB

Tot Ion: 84 Resp: 7460
Ion Ratio Lower Upper
84 100
49 104.6 89.9 134.9
51 34.9 27.8 41.6
86 72.3 51.8 77.6

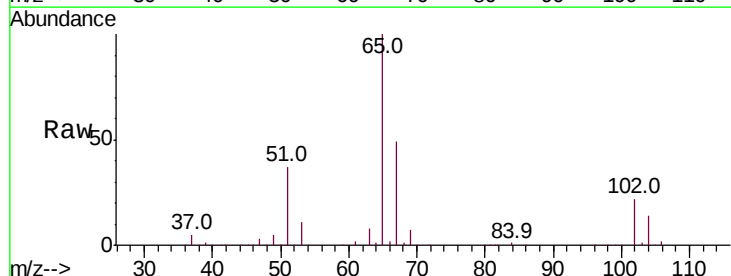


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

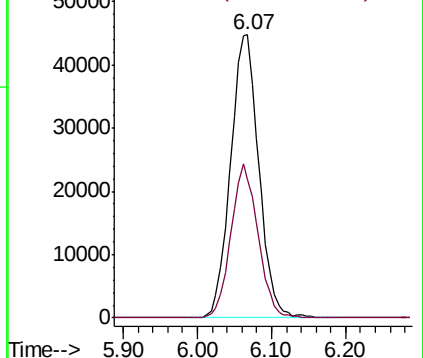
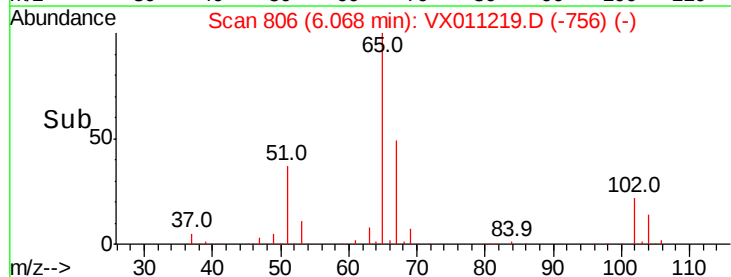


#33
1,2-Dichloroethane-d4
Concen: 46.151 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Tgt Ion: 65 Resp: 118851
Ion Ratio Lower Upper
65 100
67 52.1 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: VX011219.D

Acq: 31 Jul 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

PB121808TB

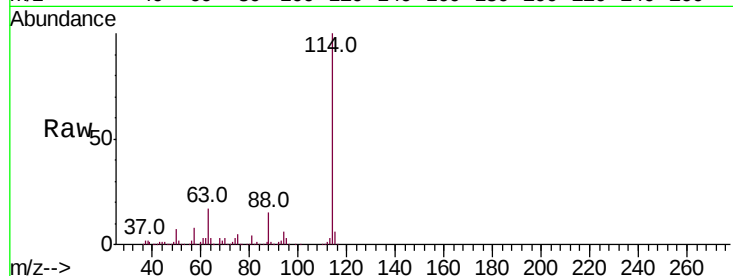
Tot Ion:114 Resp: 347442

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.6

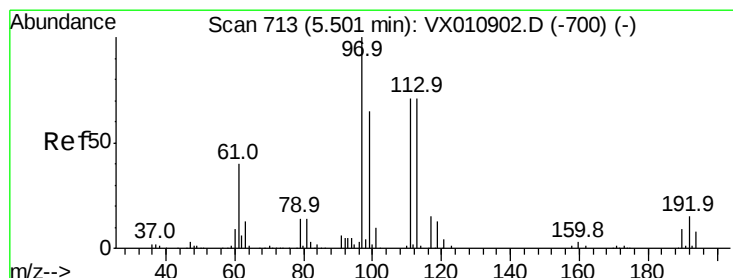
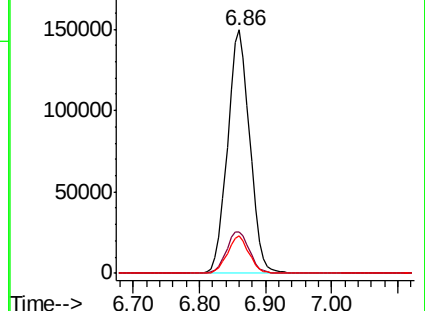
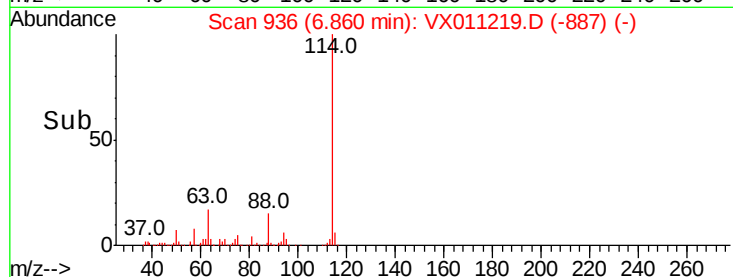
88 15.3 0.0 29.8



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: 47.111 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011219.D

Acq: 31 Jul 2019 01:27

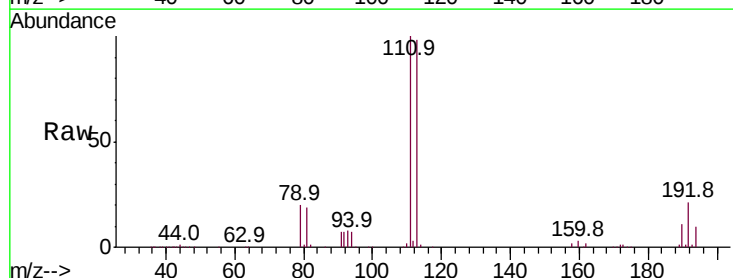
Tgt Ion:113 Resp: 103894

Ion Ratio Lower Upper

113 100

111 100.6 82.3 123.5

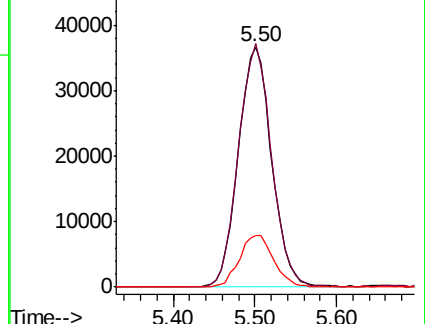
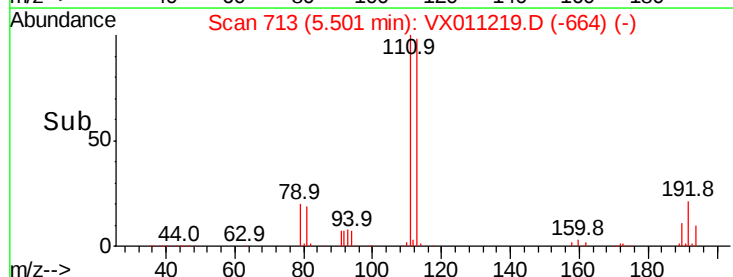
192 22.1 17.4 26.2

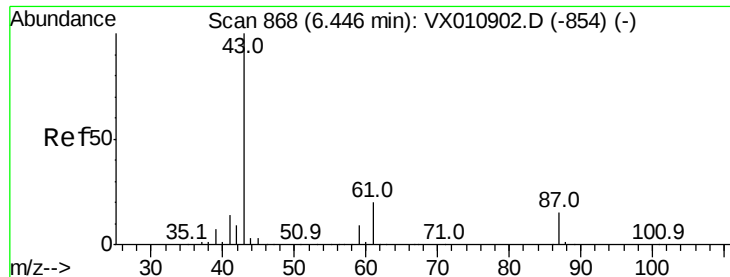


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.472 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX011219.D

Acq: 31 Jul 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

PB121808TB

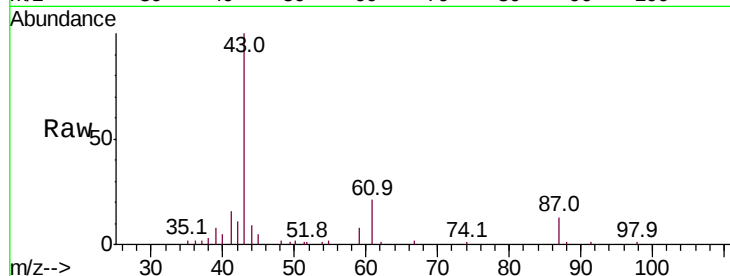
Tot Ion: 43 Resp: 11878

Ion Ratio Lower Upper

43 100

61 21.1 17.1 25.7

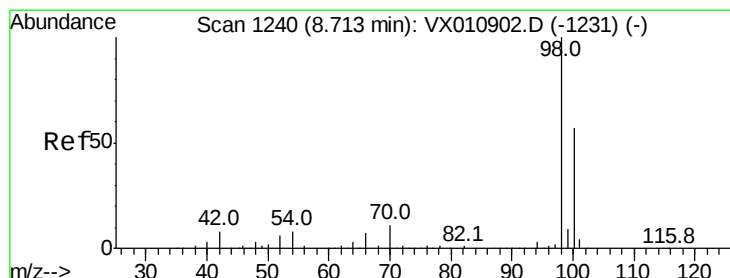
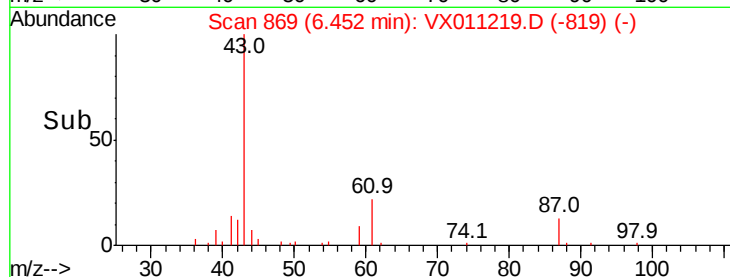
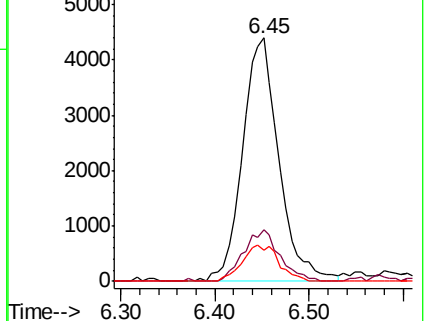
87 15.0 12.0 18.0



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: 49.242 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011219.D

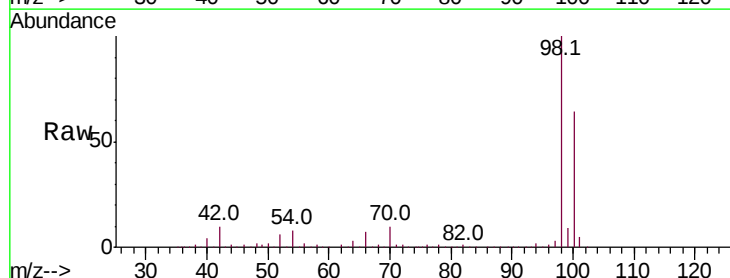
Acq: 31 Jul 2019 01:27

Tgt Ion: 98 Resp: 407288

Ion Ratio Lower Upper

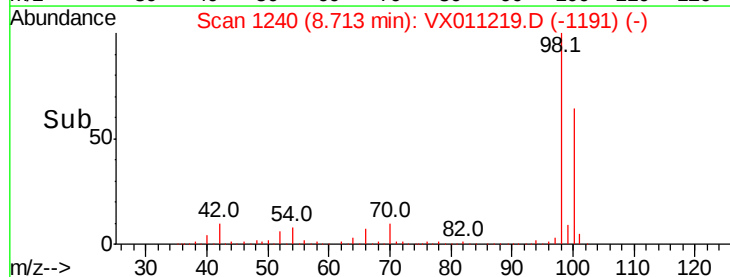
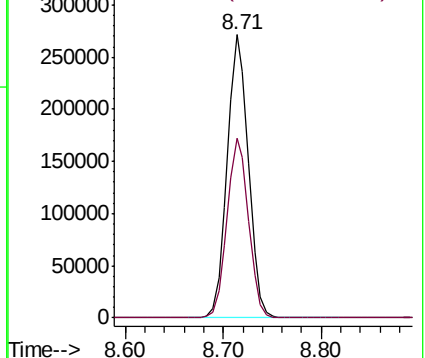
98 100

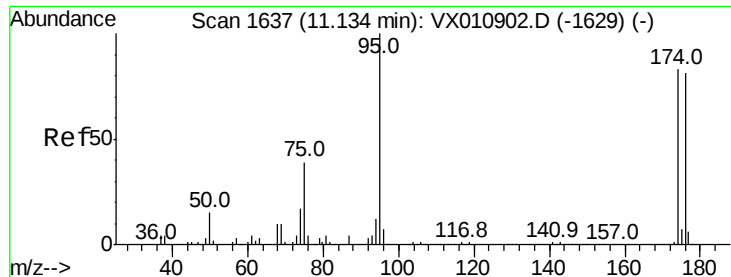
100 64.4 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.870 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011219.D

Acq: 31 Jul 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

PB121808TB

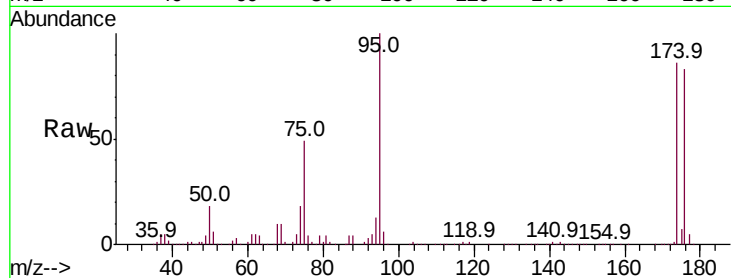
Tot Ion: 95 Resp: 136415

Ion Ratio Lower Upper

95 100

174 91.8 0.0 180.6

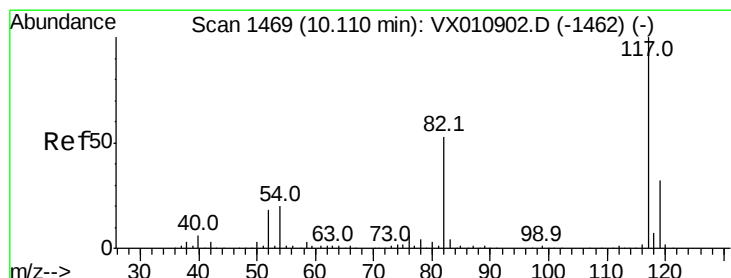
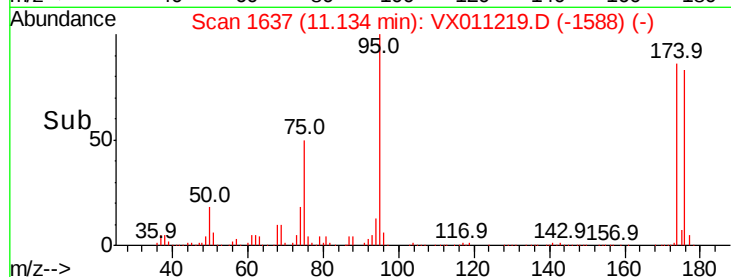
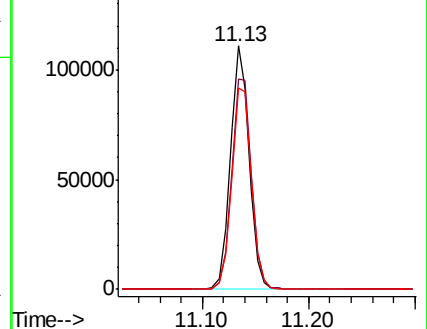
176 87.9 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011219.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011219.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011219.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011219.D

Acq: 31 Jul 2019 01:27

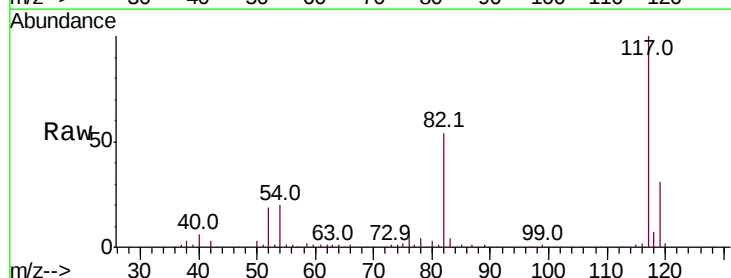
Tgt Ion: 117 Resp: 316967

Ion Ratio Lower Upper

117 100

82 54.0 42.6 63.8

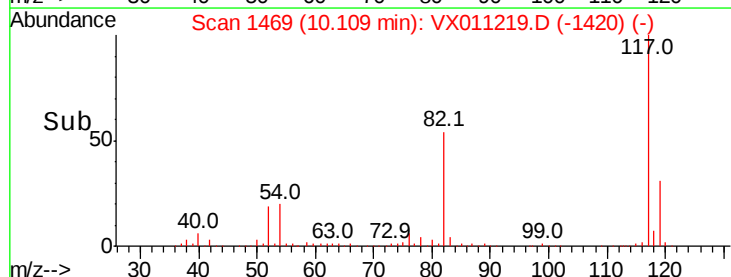
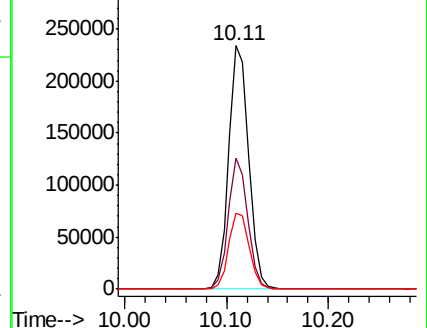
119 31.4 25.9 38.9

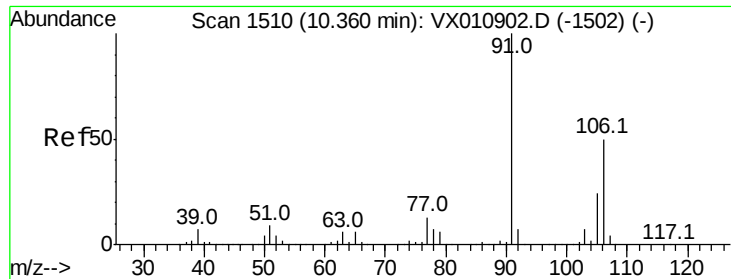


Abundance Ion 116.90 (116.60 to 117.60): VX011219.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011219.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011219.D (-1420) (-)

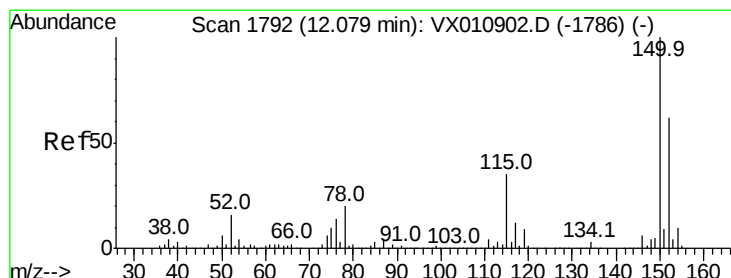
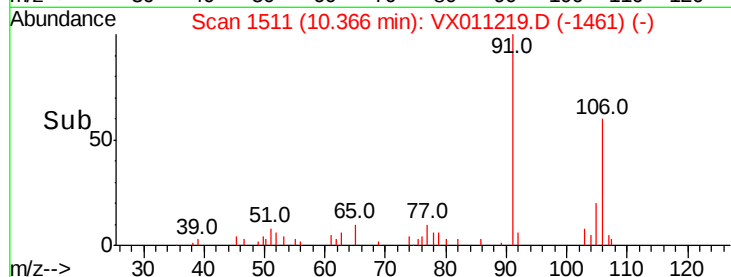
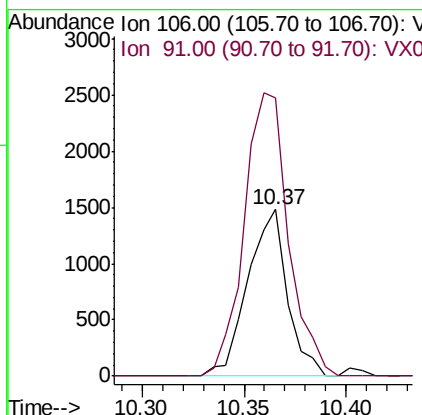
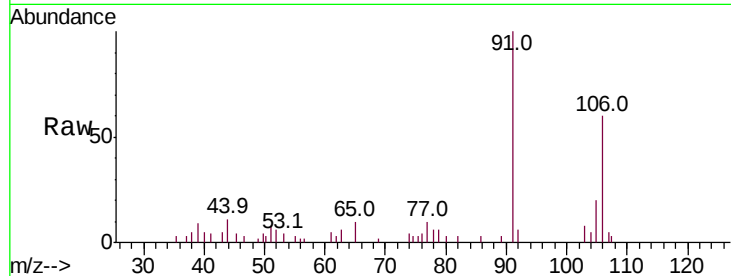




#68
m/p-Xvlenes
Concen: 0.471 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
PB121808TB

Tot Ion:106 Resp: 2004
Ion Ratio Lower Upper
106 100
91 190.1 160.1 240.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Tgt Ion:152 Resp: 142802
Ion Ratio Lower Upper
152 100
115 56.6 39.7 119.1
150 156.8 0.0 345.6

