

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011095.D
 Acq On : 26 Jul 2019 16:59
 Operator : JC/SP
 Sample : PB121723ZHE#01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121723ZHE#01

Quant Time: Jul 27 03:40:33 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

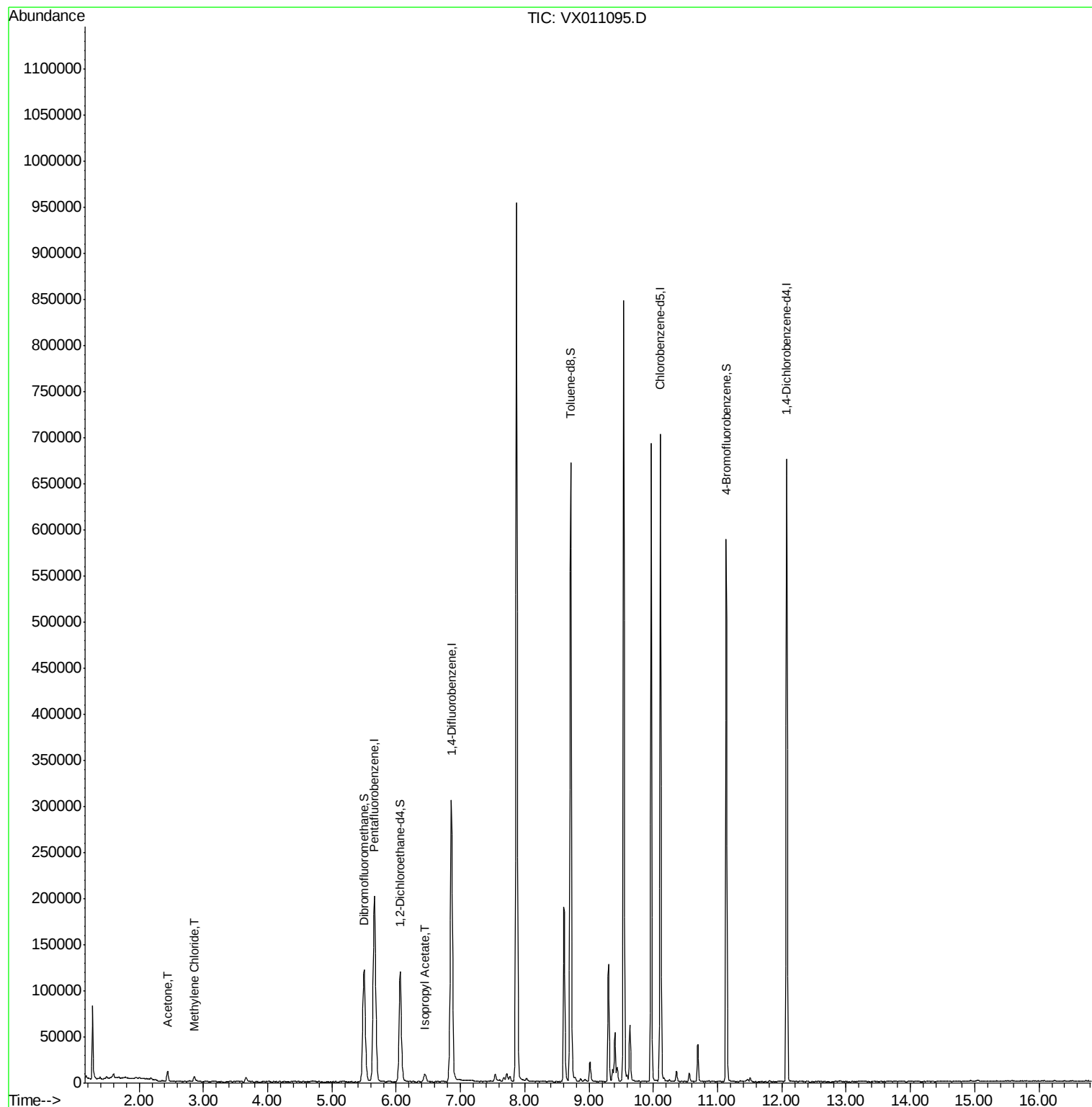
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	205252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	324689	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	317243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145830	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	110381	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
35) Dibromofluoromethane	5.50	113	101335	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
50) Toluene-d8	8.71	98	403338	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.36%	
62) 4-Bromofluorobenzene	11.13	95	143390	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
Target Compounds						
16) Acetone	2.44	43	12630	12.807	ug/l	96
20) Methylene Chloride	2.85	84	2599	1.244	ug/l	93
43) Isopropyl Acetate	6.45	43	12080	2.690	ug/l	98

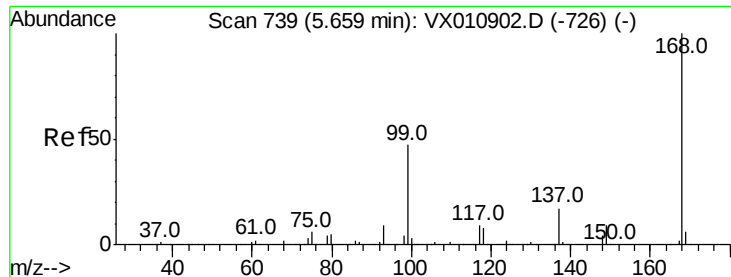
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011095.D

Acq: 26 Jul 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

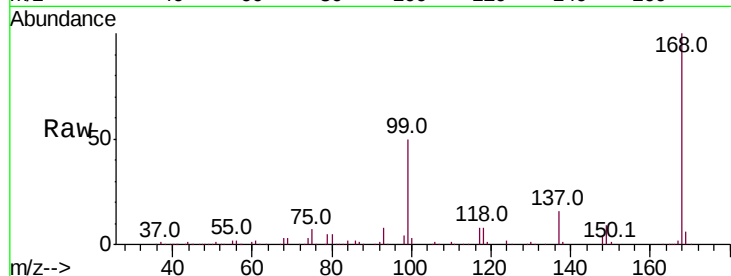
PB121723ZHE#01

Tot Ion:168 Resp: 205252

Ion Ratio Lower Upper

168 100

99 49.9 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

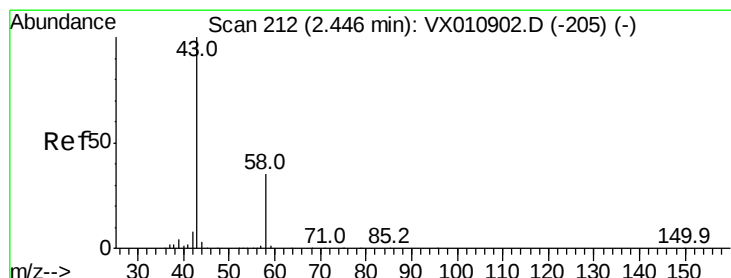
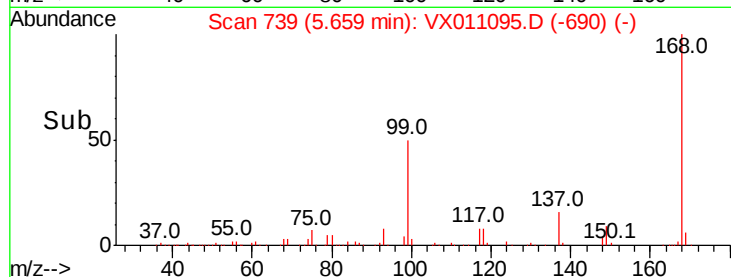
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 12.807 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011095.D

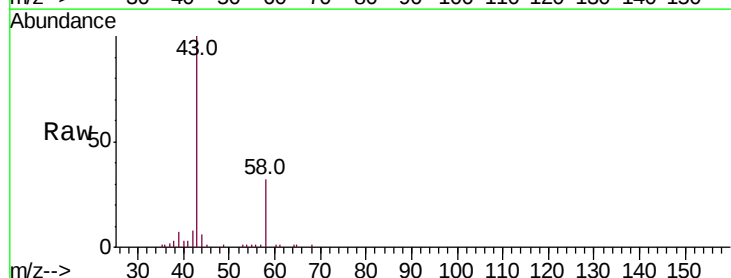
Acq: 26 Jul 2019 16:59

Tgt Ion: 43 Resp: 12630

Ion Ratio Lower Upper

43 100

58 32.3 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8000

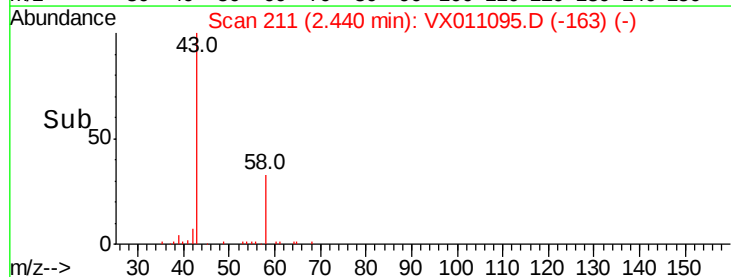
6000

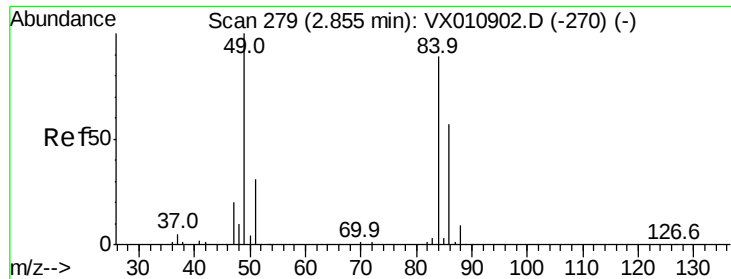
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

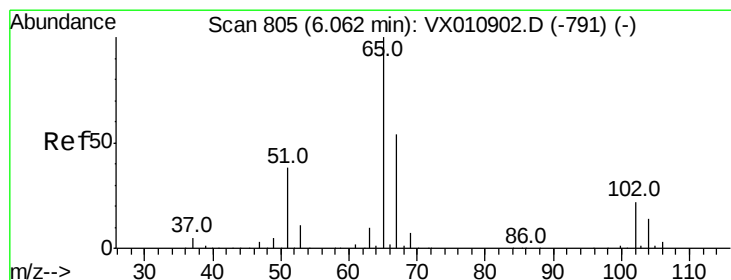
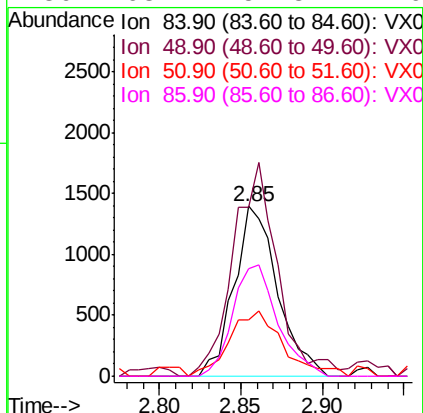
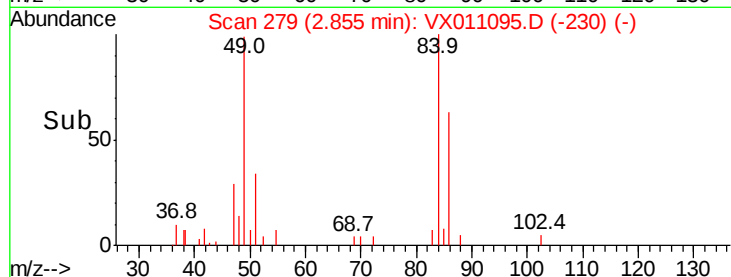
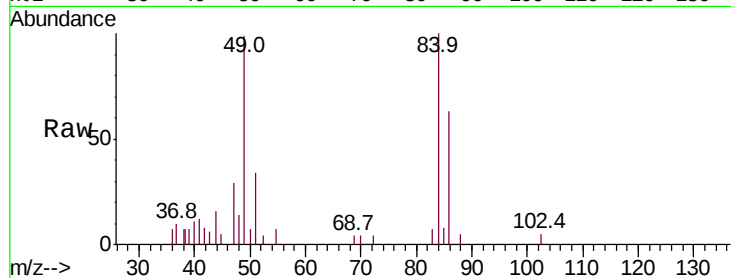




#20
Methvlene Chloride
Concen: 1.244 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011095.D
Acq: 26 Jul 2019 16:59

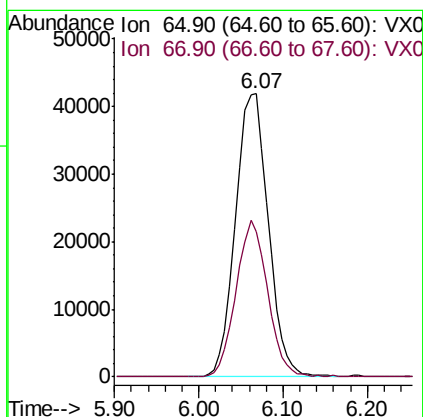
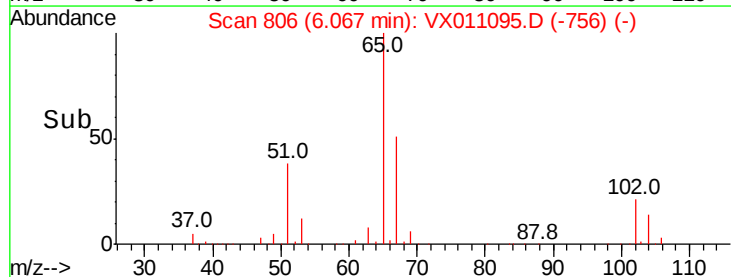
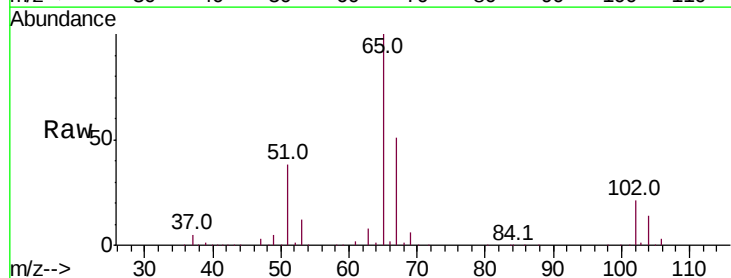
Instrument :
MSVOA_X
ClientSampleId :
PB121723ZHE#01

Tot Ion: 84 Resp: 2599
Ion Ratio Lower Upper
84 100
49 99.3 89.9 134.9
51 33.5 27.8 41.6
86 63.1 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 50.551 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX011095.D
Acq: 26 Jul 2019 16:59

Tgt Ion: 65 Resp: 110381
Ion Ratio Lower Upper
65 100
67 53.3 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: VX011095.D

Acq: 26 Jul 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

PB121723ZHE#01

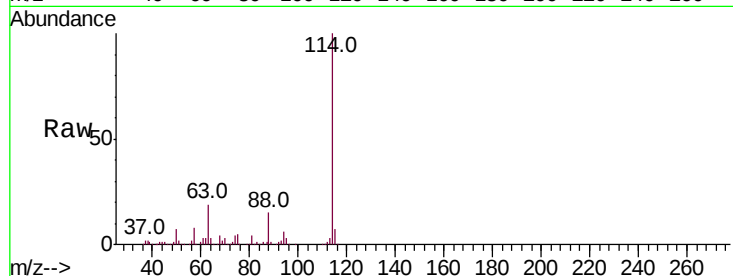
Tot Ion:114 Resp: 324689

Ion Ratio Lower Upper

114 100

63 18.7 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

150000

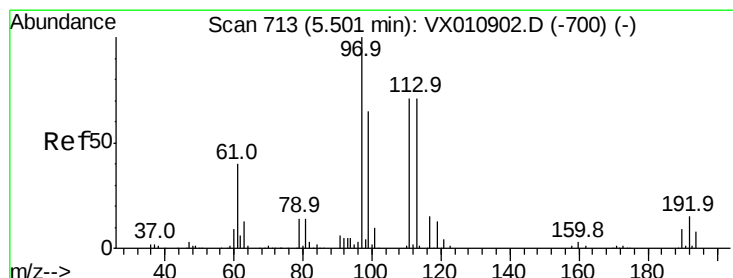
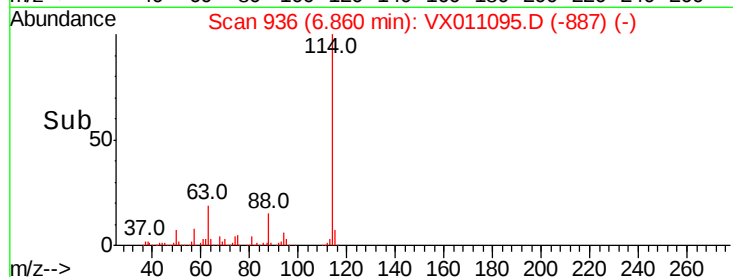
6.86

100000

50000

0

Time-->



#35

Dibromofluoromethane

Concen: 49.171 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011095.D

Acq: 26 Jul 2019 16:59

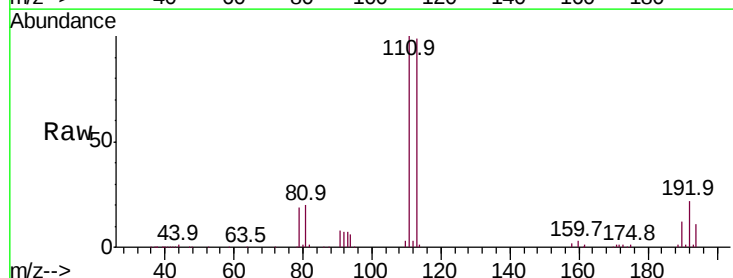
Tgt Ion:113 Resp: 101335

Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

192 22.6 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

50000

5.50

40000

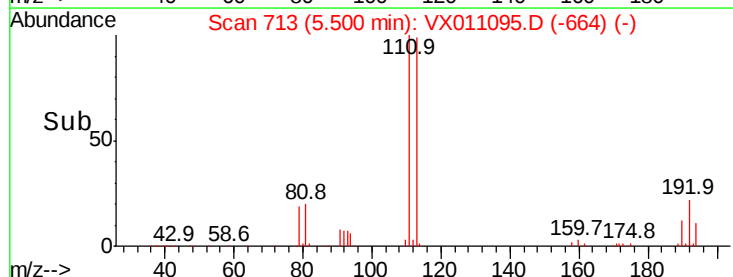
30000

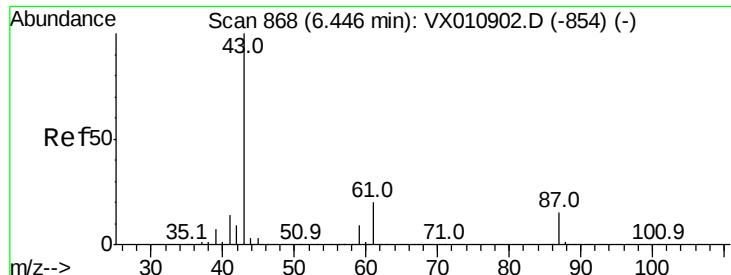
20000

10000

0

Time-->





#43

Isopropyl Acetate

Concen: 2.690 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011095.D

Acq: 26 Jul 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

PB121723ZHE#01

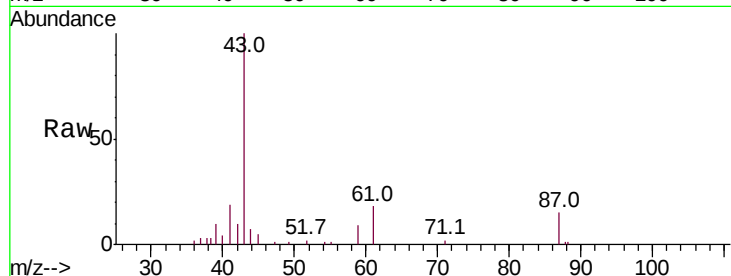
Tot Ion: 43 Resp: 12080

Ion Ratio Lower Upper

43 100

61 22.3 17.1 25.7

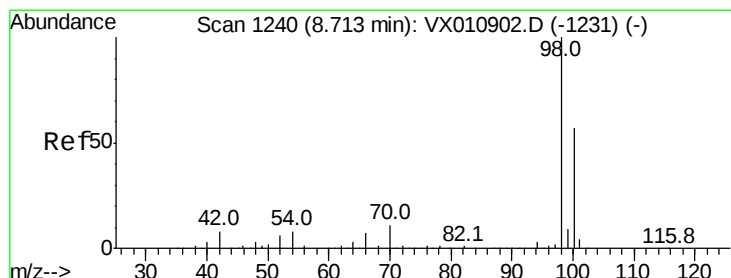
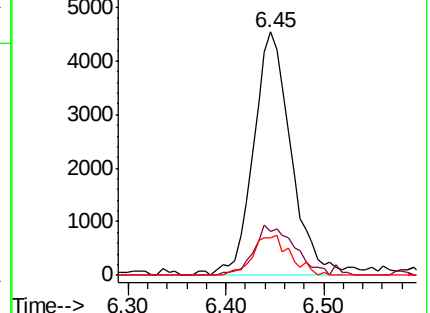
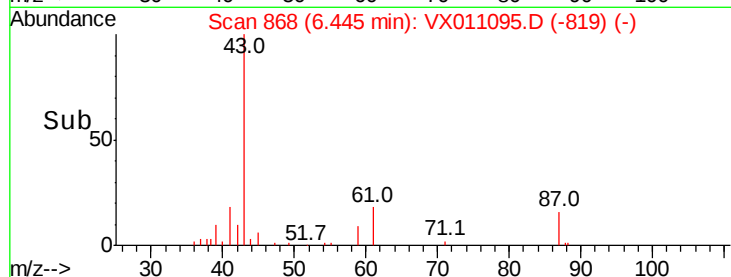
87 16.2 12.0 18.0



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: 52.181 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011095.D

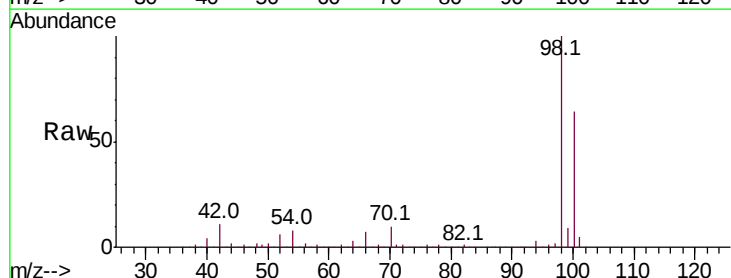
Acq: 26 Jul 2019 16:59

Tgt Ion: 98 Resp: 403338

Ion Ratio Lower Upper

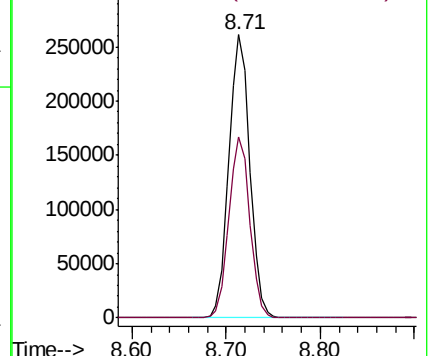
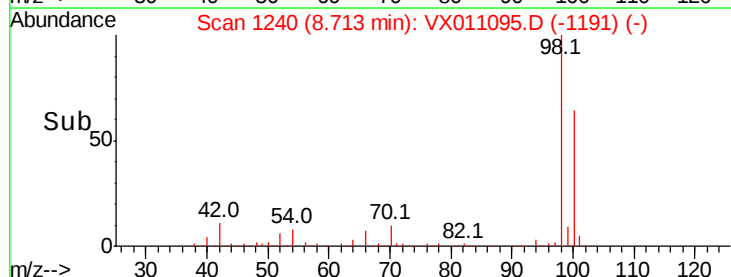
98 100

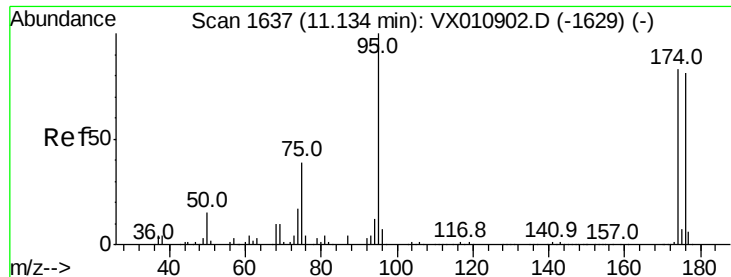
100 63.8 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 50.469 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011095.D

Acq: 26 Jul 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

PB121723ZHE#01

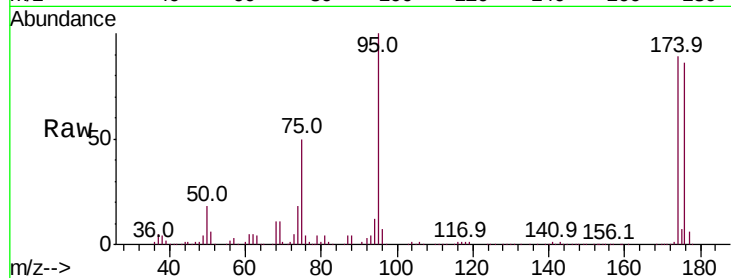
Tot Ion: 95 Resp: 143390

Ion Ratio Lower Upper

95 100

174 92.7 0.0 180.6

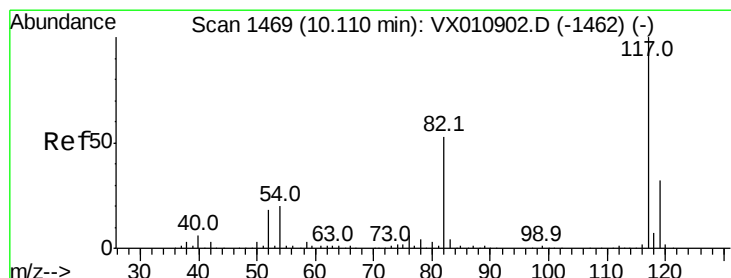
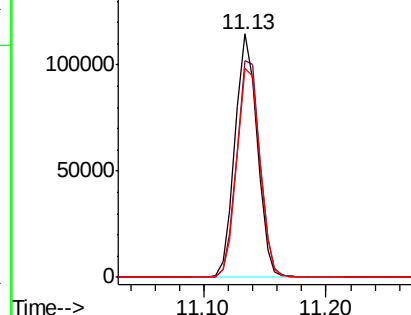
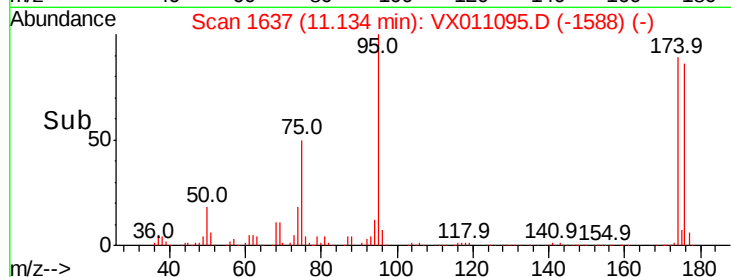
176 89.9 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011095.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011095.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011095.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011095.D

Acq: 26 Jul 2019 16:59

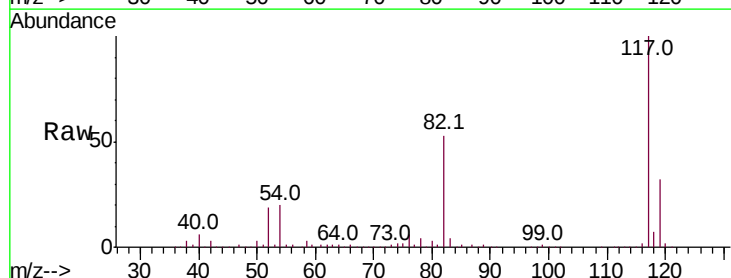
Tgt Ion: 117 Resp: 317243

Ion Ratio Lower Upper

117 100

82 52.7 42.6 63.8

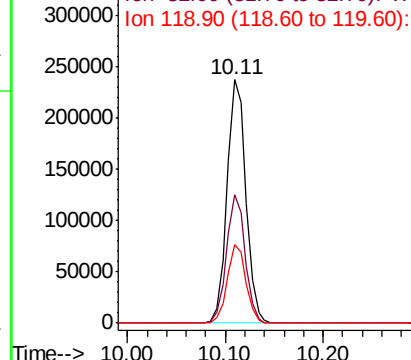
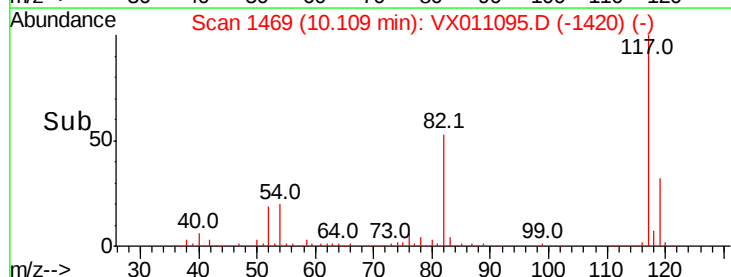
119 32.3 25.9 38.9

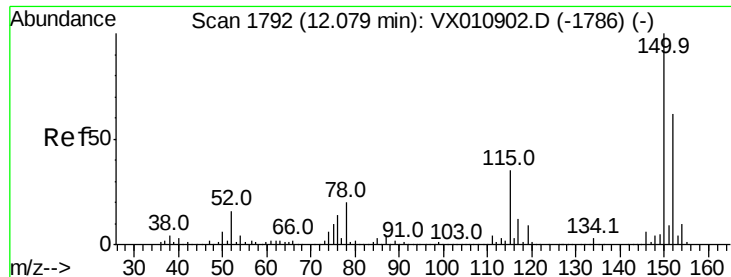


Abundance Ion 116.90 (116.60 to 117.60): VX011095.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011095.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011095.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: VX011095.D

Acq: 26 Jul 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

PB121723ZHE#01

Tot Ion:152 Resp: 145830

Ion Ratio Lower Upper

152 100

115 56.2 39.7 119.1

150 159.2 0.0 345.6

