

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010829.D
 Acq On : 12 Jul 2019 12:32
 Operator : JC/SP
 Sample : K3783-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-03-190711

Quant Time: Jul 13 02:12:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

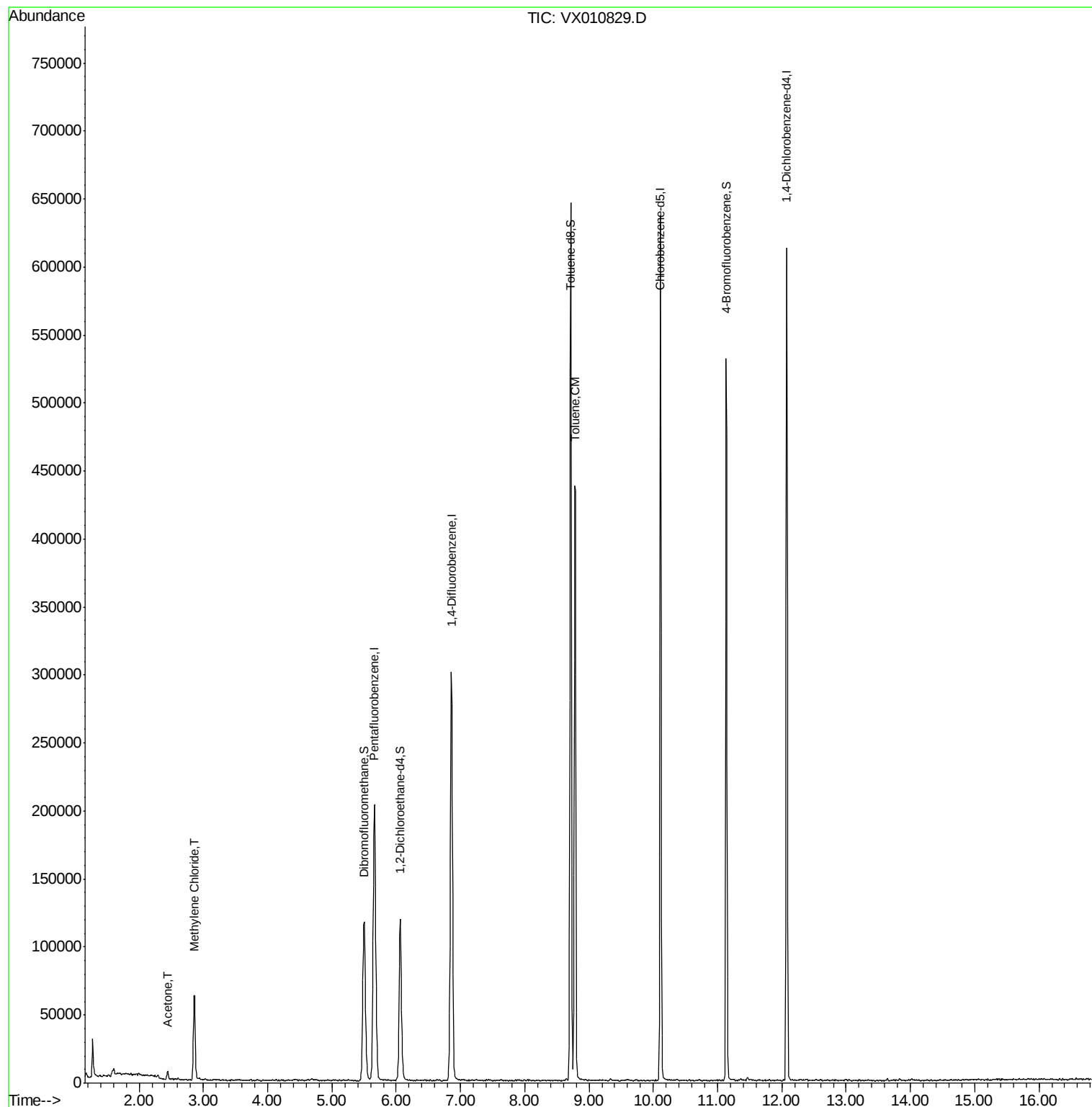
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	207773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	328561	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	298077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136526	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	107603	55.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.48%	
35) Dibromofluoromethane	5.50	113	99149	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
50) Toluene-d8	8.71	98	391532	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.13	95	130595	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
Target Compounds						
16) Acetone	2.45	43	6747	6.911	ug/l #	86
20) Methylene Chloride	2.86	84	31845	15.850	ug/l	96
52) Toluene	8.79	92	173931	32.470	ug/l	98

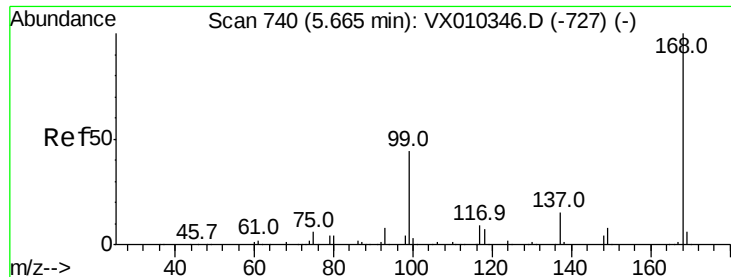
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010829.D

Acq: 12 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

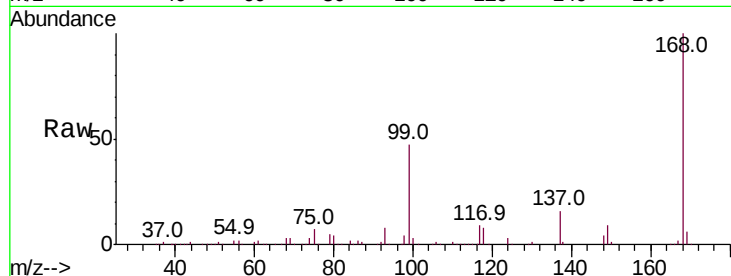
EB-03-190711

Tot Ion:168 Resp: 207773

Ion Ratio Lower Upper

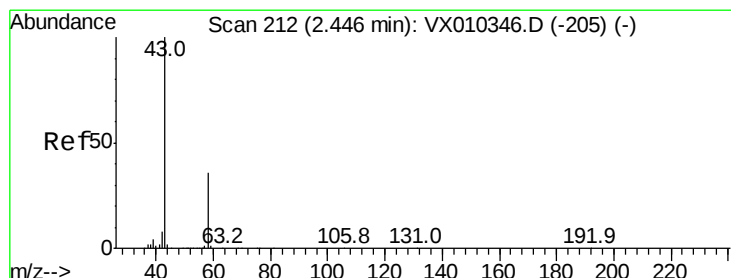
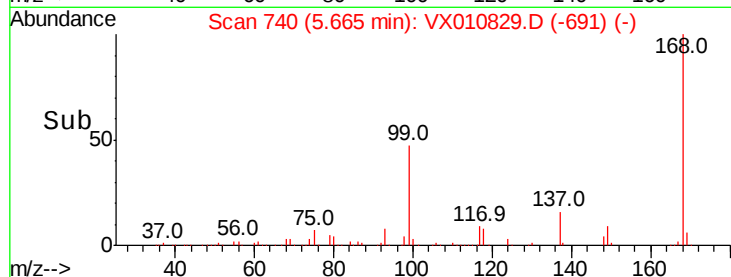
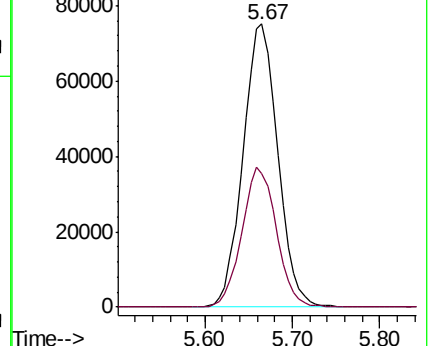
168 100

99 47.4 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.911 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010829.D

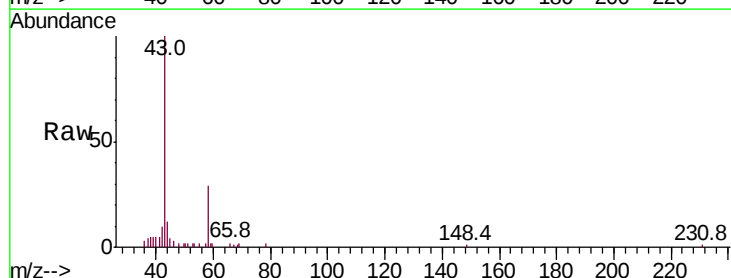
Acq: 12 Jul 2019 12:32

Tgt Ion: 43 Resp: 6747

Ion Ratio Lower Upper

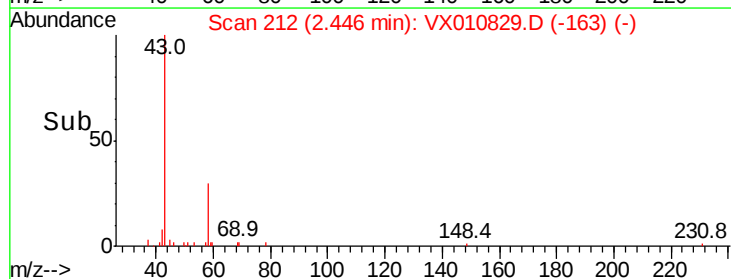
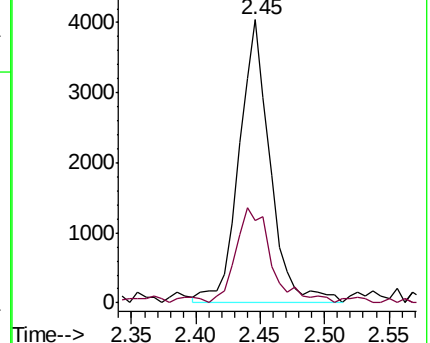
43 100

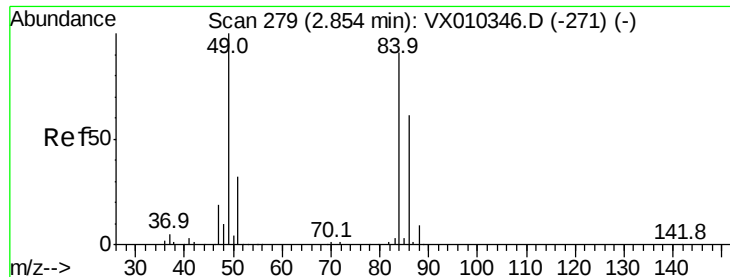
58 27.8 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

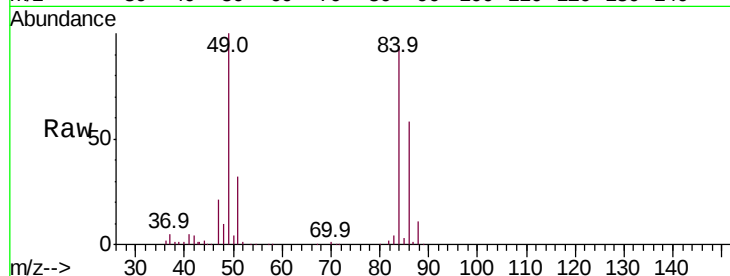




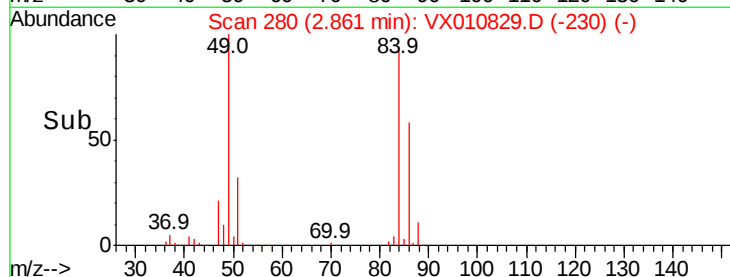
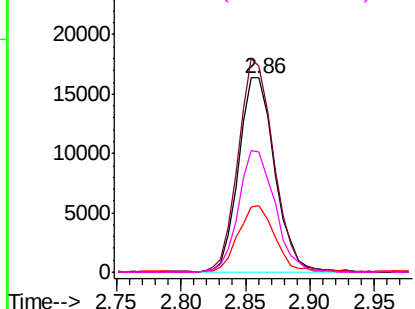
#20
Methylene Chloride
Concen: 15.850 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010829.D
Acq: 12 Jul 2019 12:32

Instrument :
MSVOA_X
ClientSampleId :
EB-03-190711

Tot Ion: 84 Resp: 31845
Ion Ratio Lower Upper
84 100
49 105.8 87.5 131.3
51 34.4 27.7 41.5
86 61.8 53.4 80.0

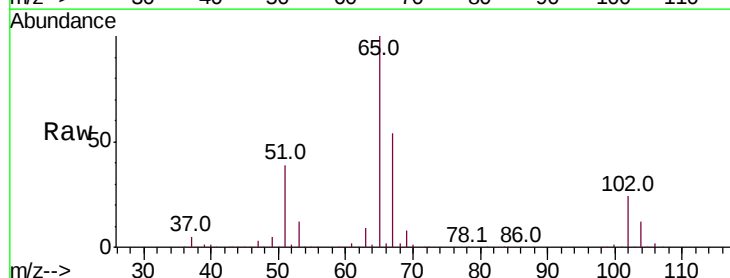
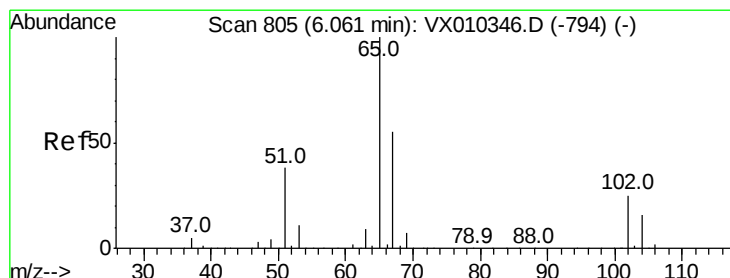


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

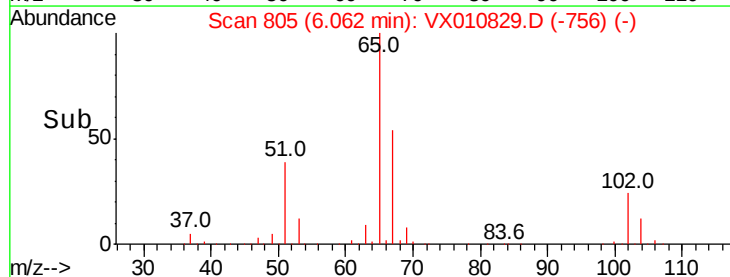
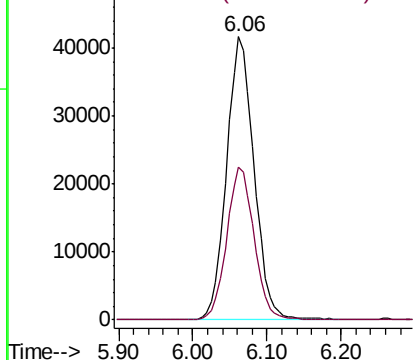


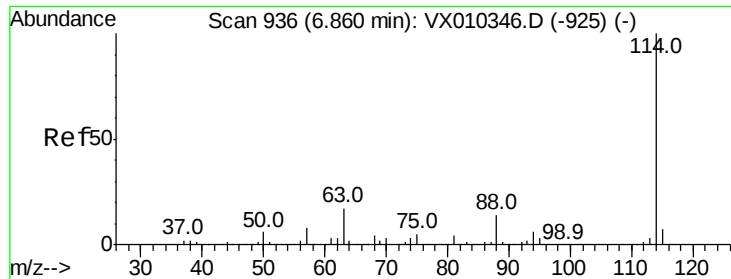
#33
1,2-Dichloroethane-d4
Concen: 55.235 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010829.D
Acq: 12 Jul 2019 12:32

Tgt Ion: 65 Resp: 107603
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.2



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: VX010829.D

Acq: 12 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

EB-03-190711

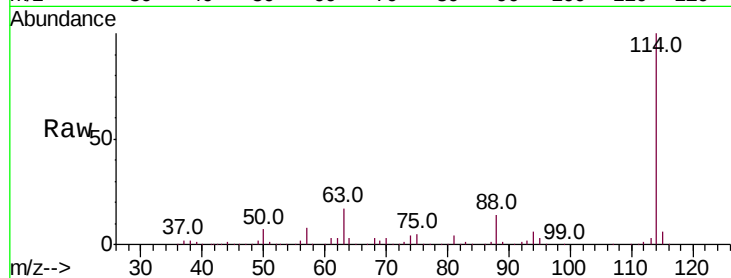
Tot Ion:114 Resp: 328561

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.8

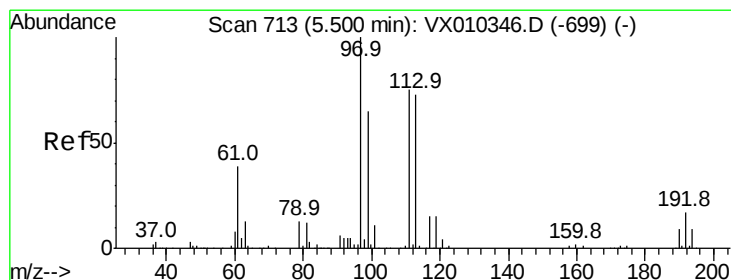
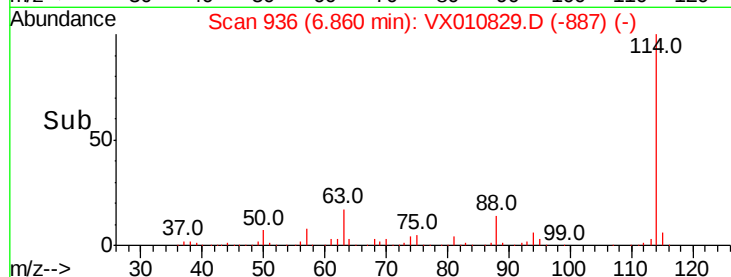
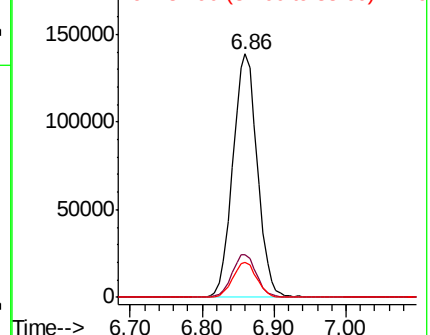
88 14.1 0.0 27.6



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: 49.322 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010829.D

Acq: 12 Jul 2019 12:32

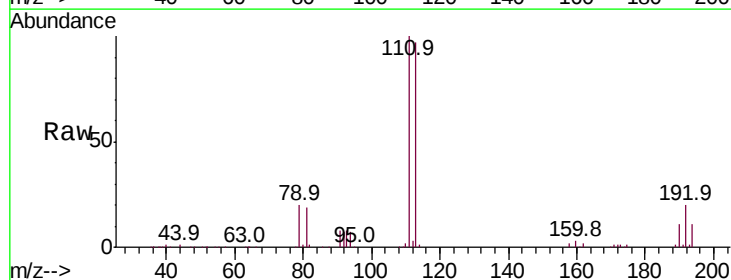
Tgt Ion:113 Resp: 99149

Ion Ratio Lower Upper

113 100

111 103.6 81.2 121.8

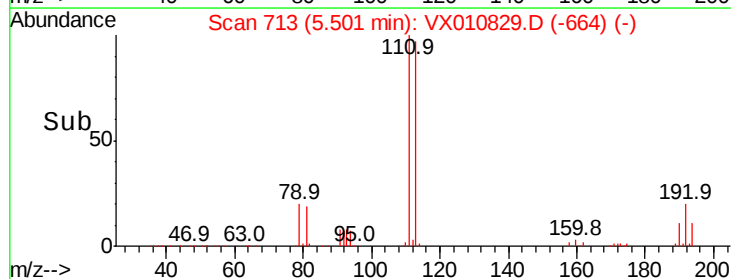
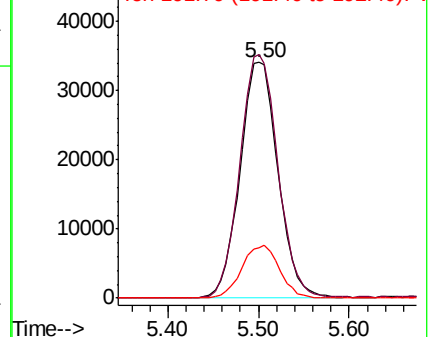
192 22.2 18.6 27.8

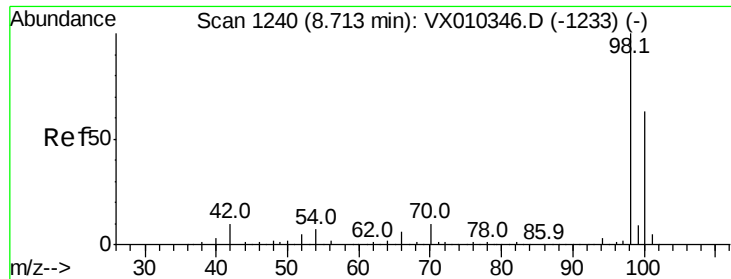


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.909 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010829.D

Acq: 12 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

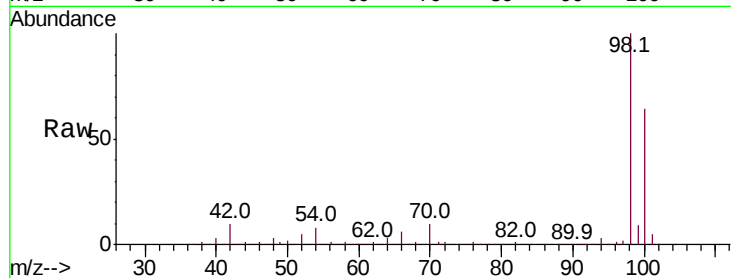
EB-03-190711

Tot Ion: 98 Resp: 391532

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

250000

200000

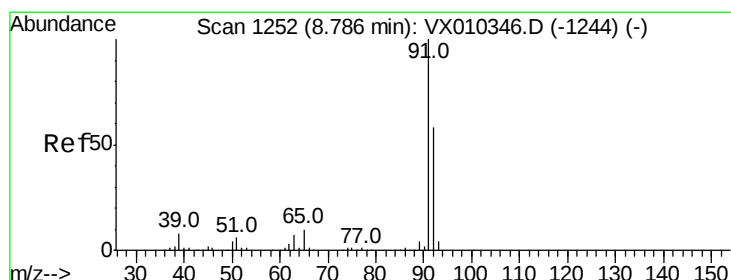
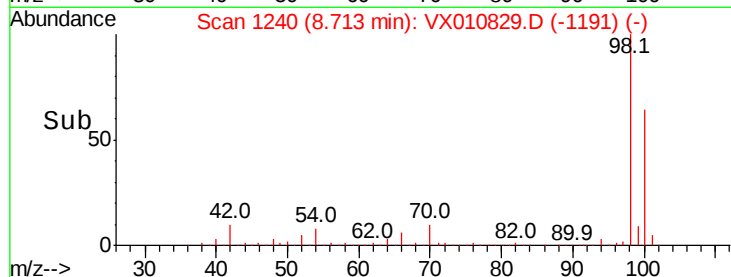
150000

100000

50000

0

Time--> 8.60 8.65 8.70 8.75 8.80



#52

Toluene

Concen: 32.470 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010829.D

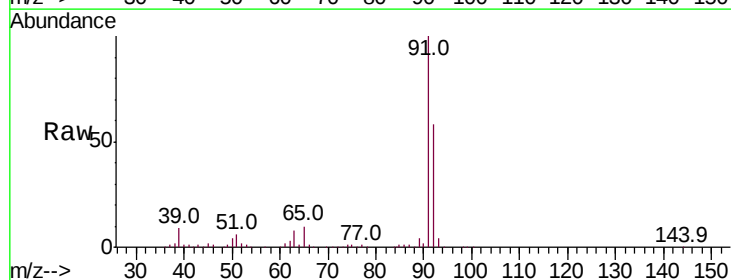
Acq: 12 Jul 2019 12:32

Tgt Ion: 92 Resp: 173931

Ion Ratio Lower Upper

92 100

91 172.0 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

200000

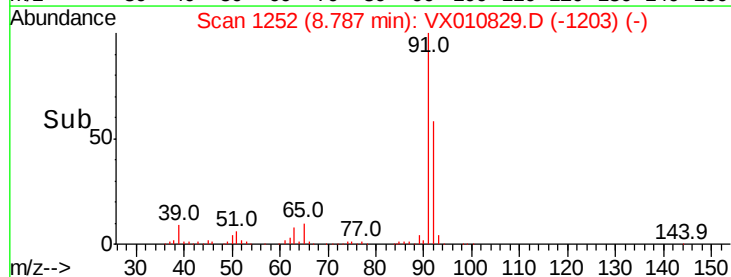
150000

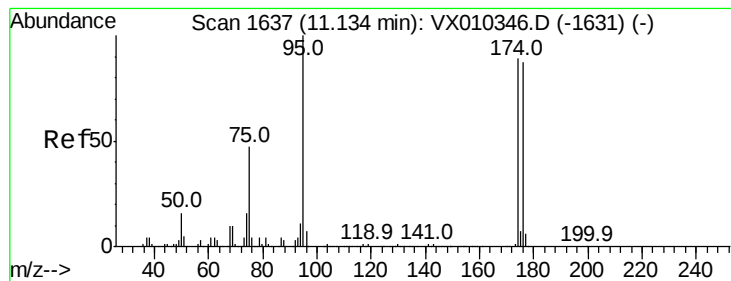
100000

50000

0

Time--> 8.70 8.80 8.90





#62

4-Bromofluorobenzene

Concen: 47.034 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010829.D

Acq: 12 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

EB-03-190711

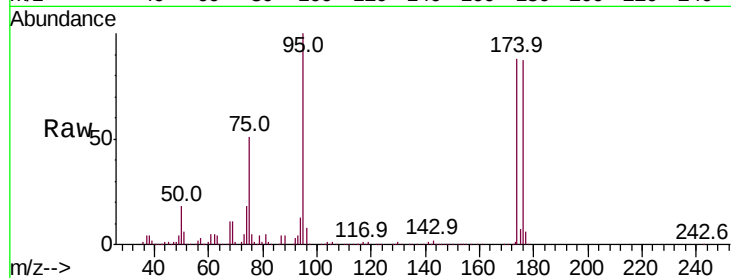
Tot Ion: 95 Resp: 130595

Ion Ratio Lower Upper

95 100

174 92.5 0.0 187.6

176 90.2 0.0 184.0

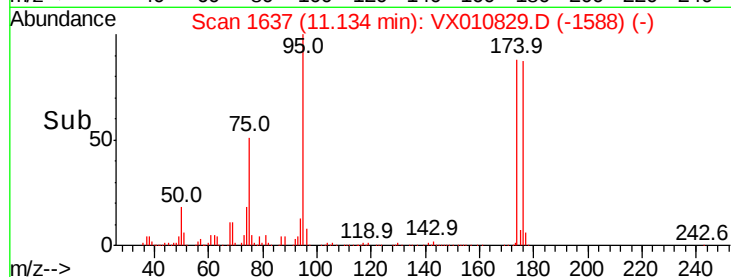


Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)

Time-->

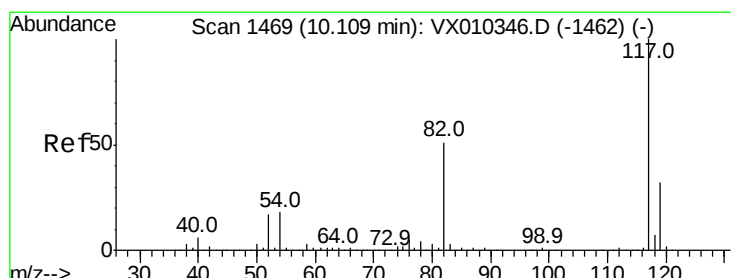


Abundance Ion 94.90 (94.60 to 95.60): VX010829.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010829.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010829.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010829.D

Acq: 12 Jul 2019 12:32

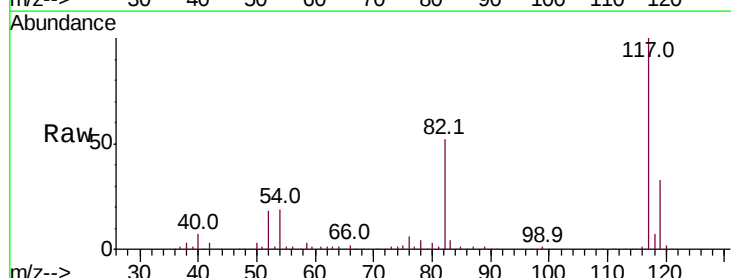
Tgt Ion: 117 Resp: 298077

Ion Ratio Lower Upper

117 100

82 52.1 41.2 61.8

119 32.5 25.5 38.3

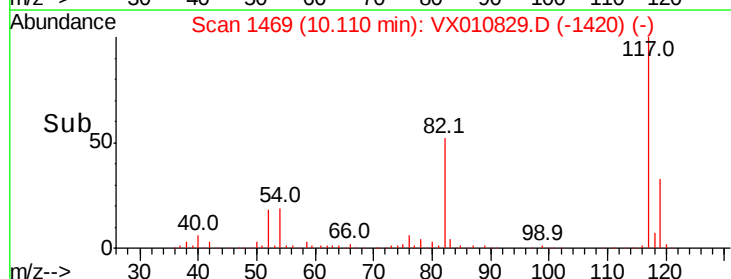


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)

Time-->

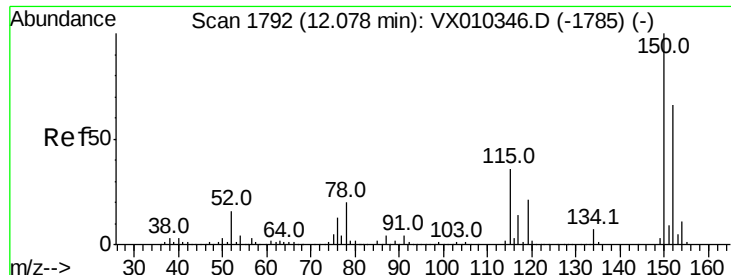


Abundance Ion 116.90 (116.60 to 117.60): VX010829.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010829.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010829.D (-1420) (-)

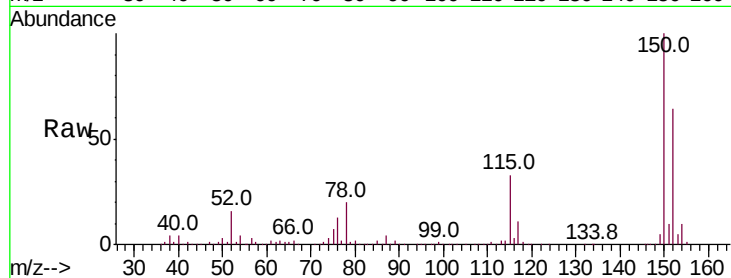
Time-->



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010829.D
 Acq: 12 Jul 2019 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-03-190711

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.8	38.6	115.7
150	155.7	0.0	347.4



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

