

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011122.D
 Acq On : 27 Jul 2019 04:40
 Operator : JC/SP
 Sample : K3620-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-072519-A

Quant Time: Jul 27 07:07:03 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

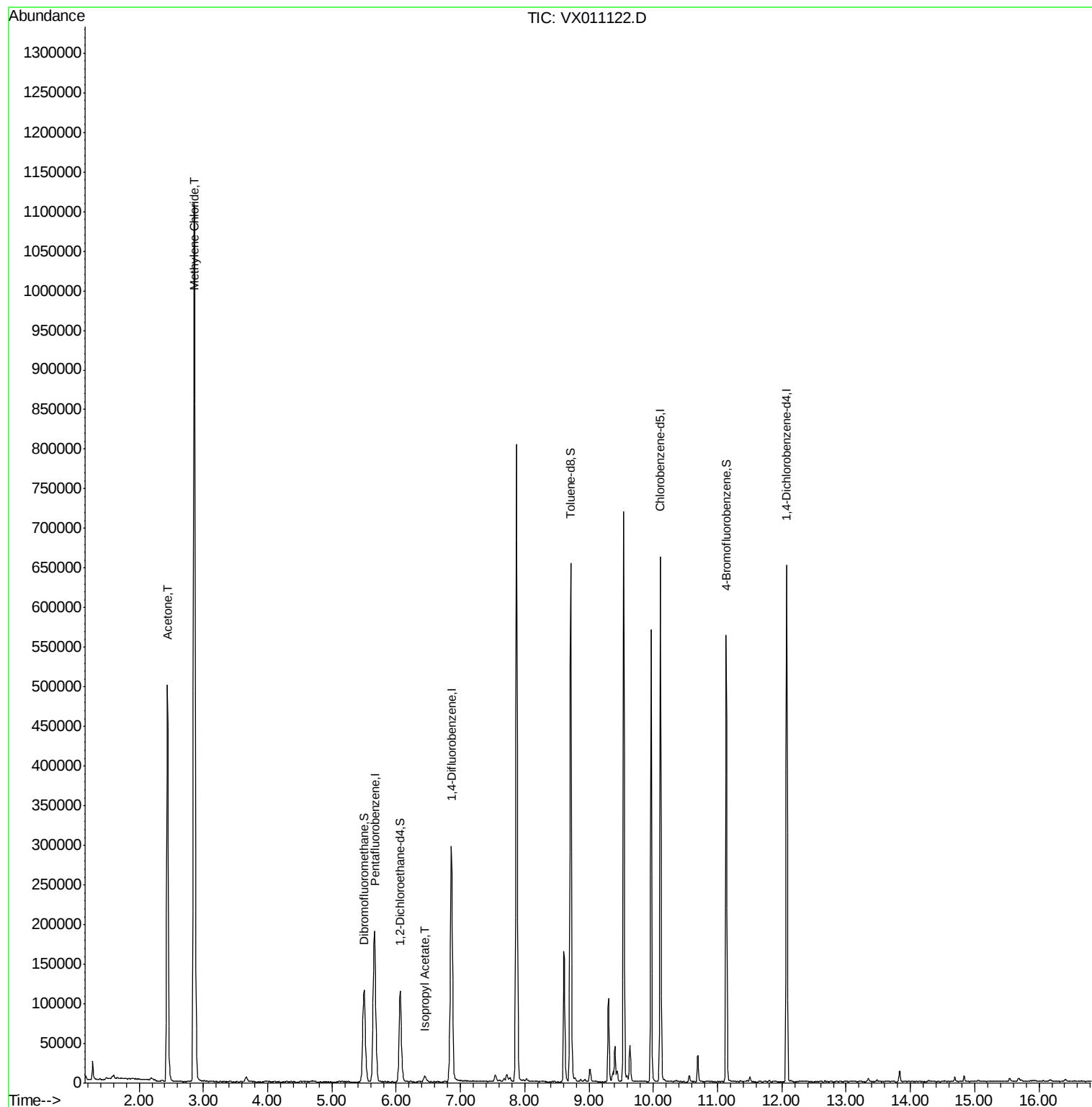
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	192937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	315161	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	303393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	140393	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	107545	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
35) Dibromofluoromethane	5.50	113	97594	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
50) Toluene-d8	8.71	98	386514	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	11.13	95	135236	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
Target Compounds						
16) Acetone	2.44	43	516065	556.684	ug/l	97
20) Methylene Chloride	2.86	84	554295	282.144	ug/l	100
43) Isopropyl Acetate	6.45	43	10687	2.452	ug/l	98

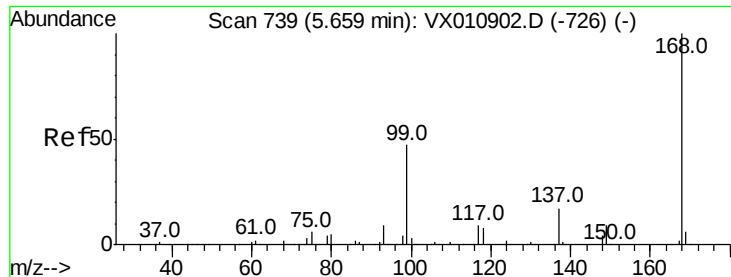
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011122.D

Acq: 27 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

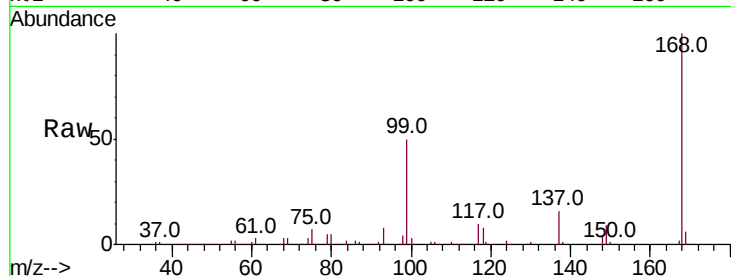
CL-02-072519-A

Tot Ion:168 Resp: 192937

Ion Ratio Lower Upper

168 100

99 50.1 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

80000

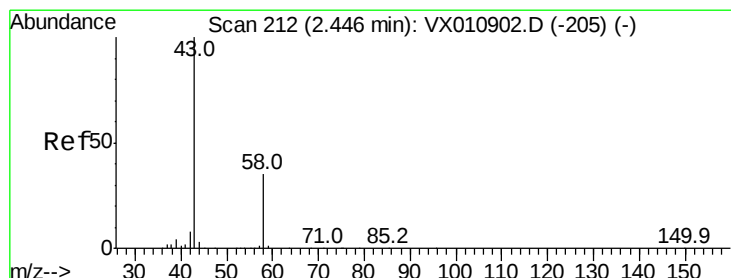
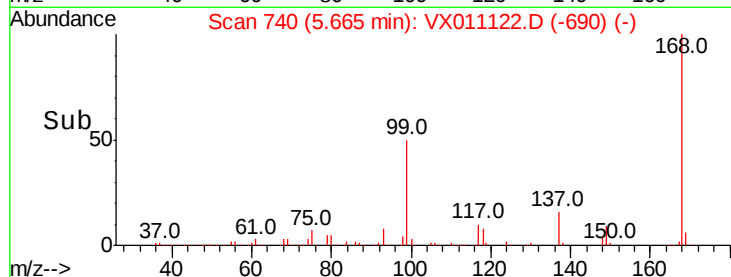
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 556.684 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011122.D

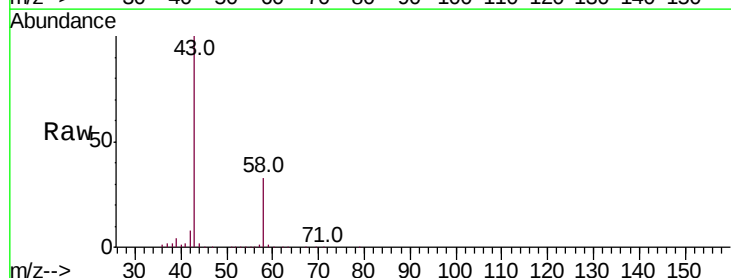
Acq: 27 Jul 2019 04:40

Tgt Ion: 43 Resp: 516065

Ion Ratio Lower Upper

43 100

58 32.6 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

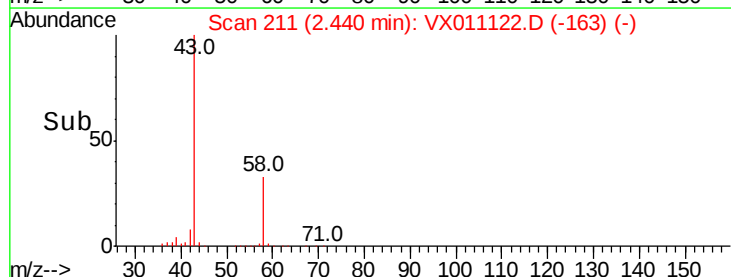
300000

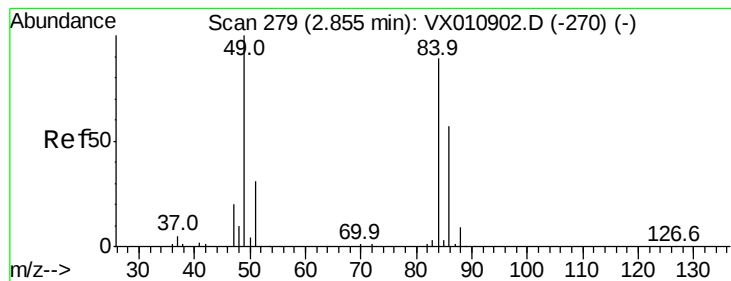
200000

100000

0

Time--> 2.40 2.50 2.60





#20

Methylene Chloride

Concen: 282.144 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX011122.D

Acq: 27 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

CL-02-072519-A

Tot Ion: 84 Resp: 554295

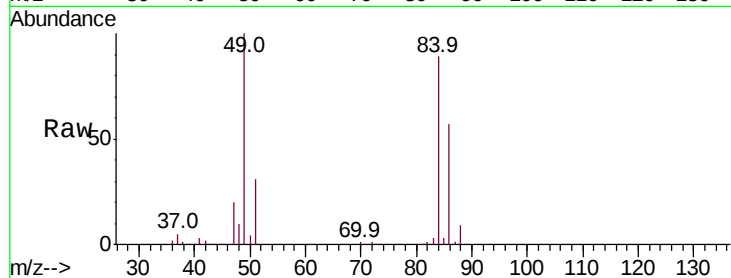
Ion	Ratio	Lower	Upper
84	100		
49	112.2	89.9	134.9
51	34.4	27.8	41.6
86	64.3	51.8	77.6

84 100

49 112.2 89.9 134.9

51 34.4 27.8 41.6

86 64.3 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

500000 Ion 48.90 (48.60 to 49.60): VX0

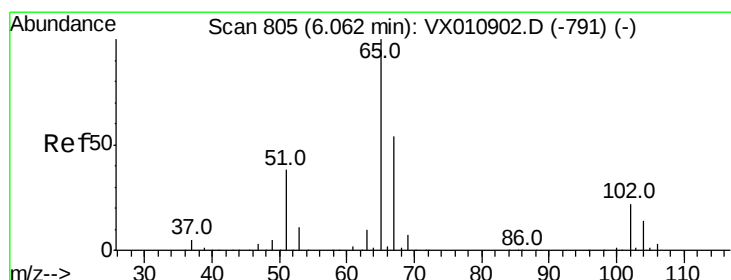
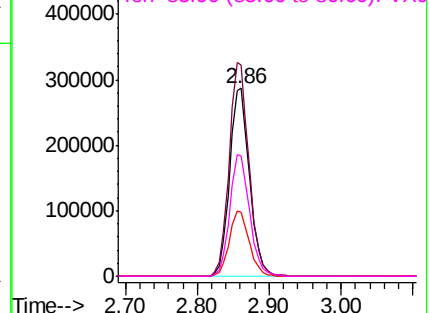
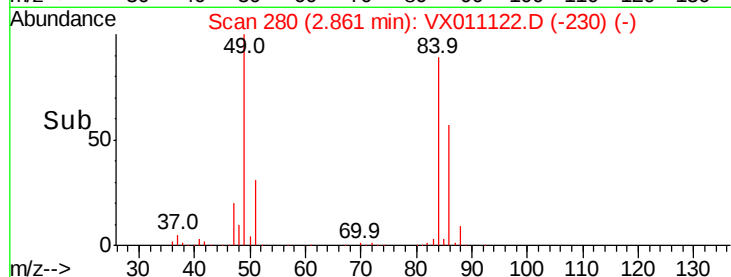
400000 Ion 50.90 (50.60 to 51.60): VX0

300000 Ion 85.90 (85.60 to 86.60): VX0

200000

100000

0



#33

1,2-Dichloroethane-d4

Concen: 52.396 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011122.D

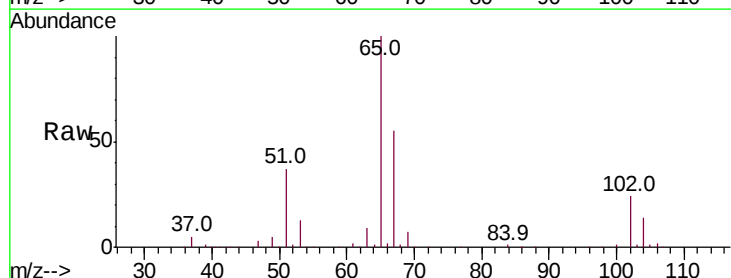
Acq: 27 Jul 2019 04:40

Tgt Ion: 65 Resp: 107545

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	107.8

65 100

67 52.8 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

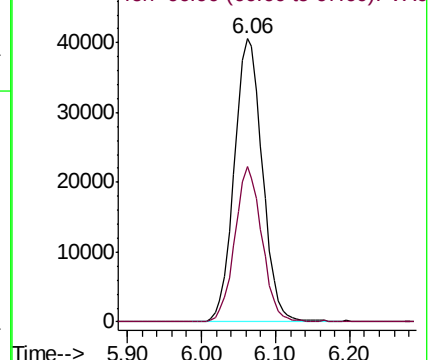
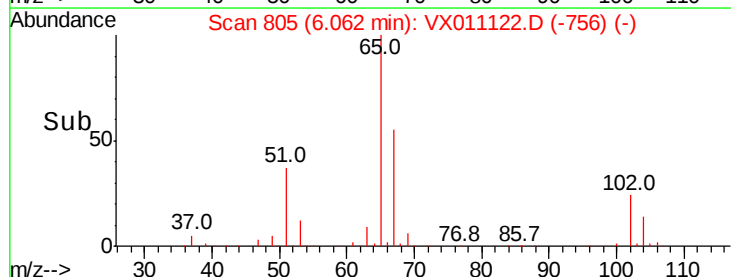
40000 Ion 66.90 (66.60 to 67.60): VX0

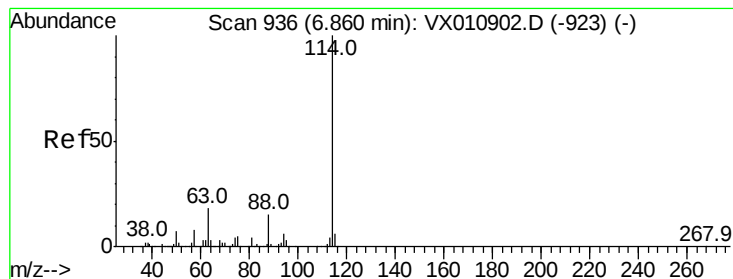
30000

20000

10000

0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011122.D

Acq: 27 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

CL-02-072519-A

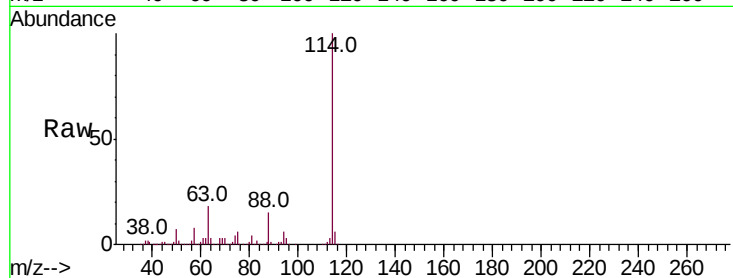
Tot Ion:114 Resp: 315161

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

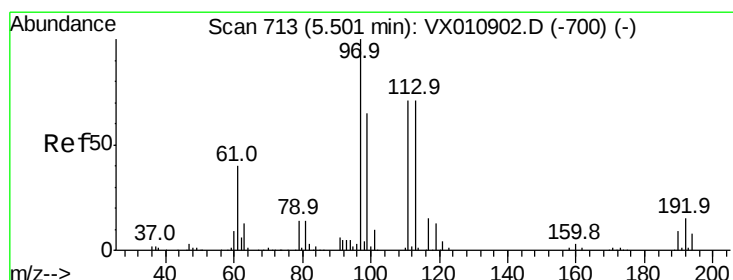
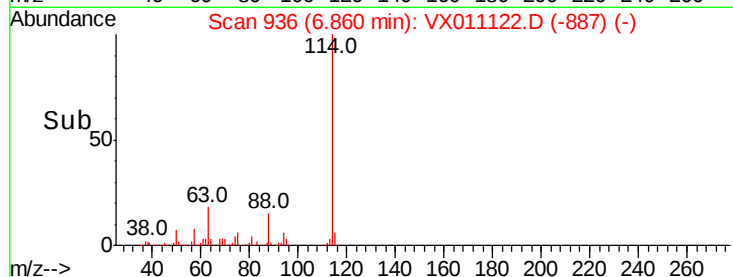
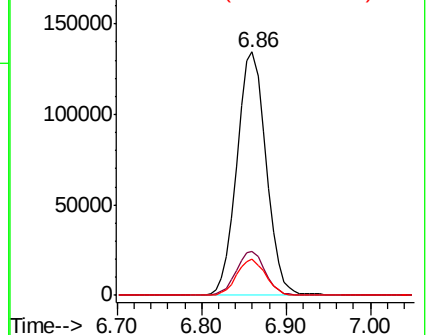
88 15.0 0.0 29.8



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: 48.787 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011122.D

Acq: 27 Jul 2019 04:40

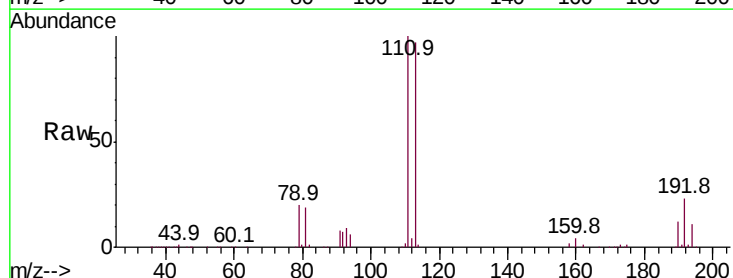
Tgt Ion:113 Resp: 97594

Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

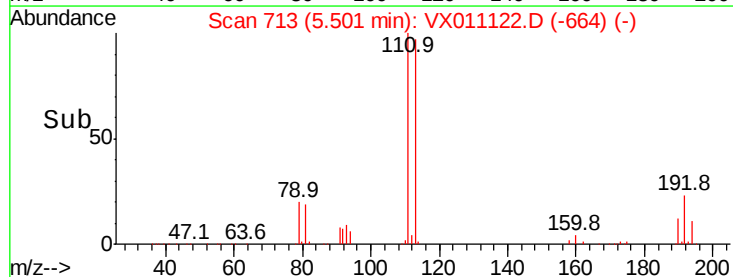
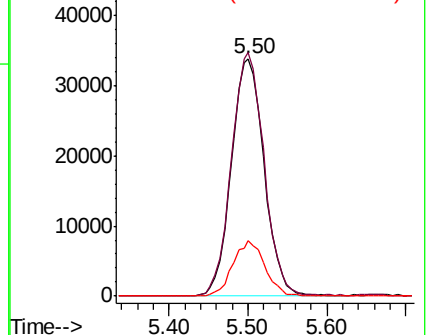
192 22.6 17.4 26.2

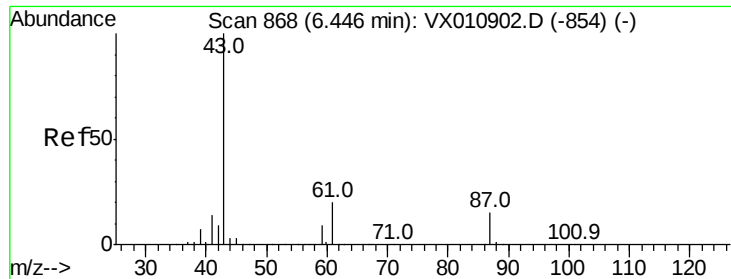


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.452 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011122.D

Acq: 27 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

CL-02-072519-A

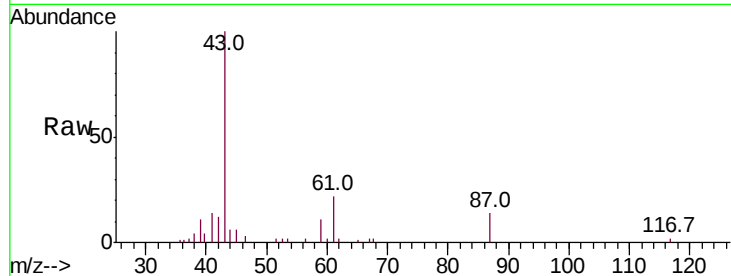
Tot Ion: 43 Resp: 10687

Ion Ratio Lower Upper

43 100

61 22.5 17.1 25.7

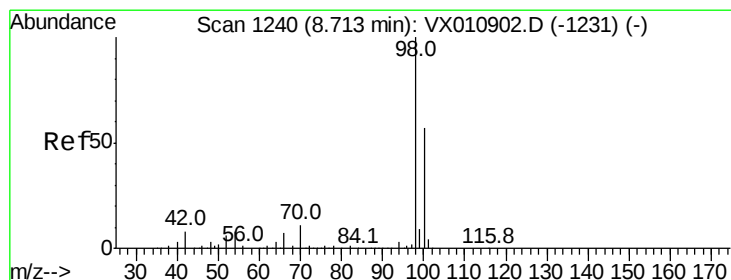
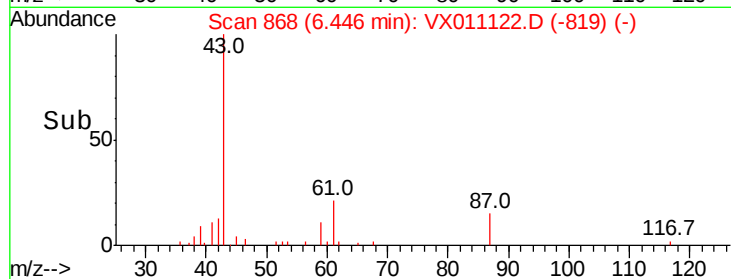
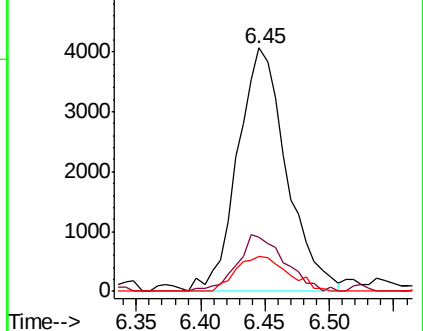
87 15.2 12.0 18.0



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: 51.516 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011122.D

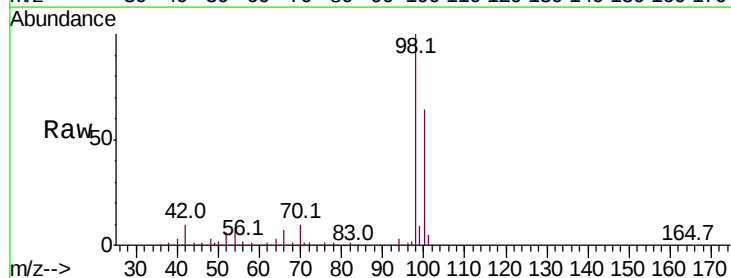
Acq: 27 Jul 2019 04:40

Tgt Ion: 98 Resp: 386514

Ion Ratio Lower Upper

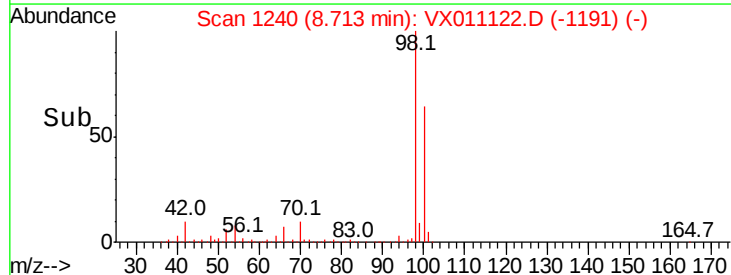
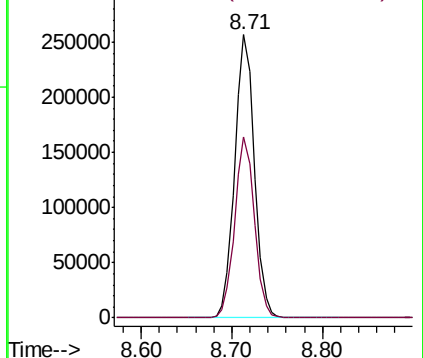
98 100

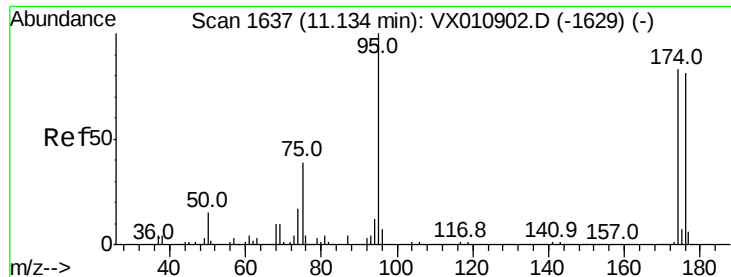
100 64.1 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 49.038 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011122.D

Acq: 27 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

CL-02-072519-A

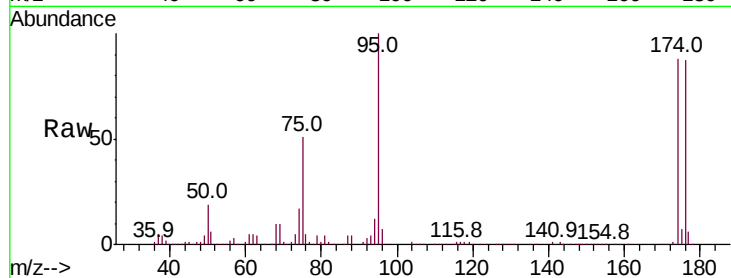
Tot Ion: 95 Resp: 135236

Ion Ratio Lower Upper

95 100

174 91.3 0.0 180.6

176 88.6 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011122.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011122.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011122.D (-1588) (-)

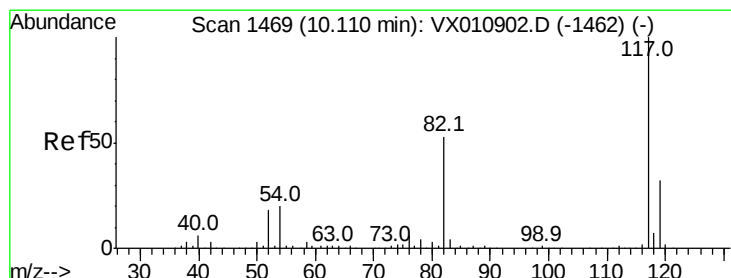
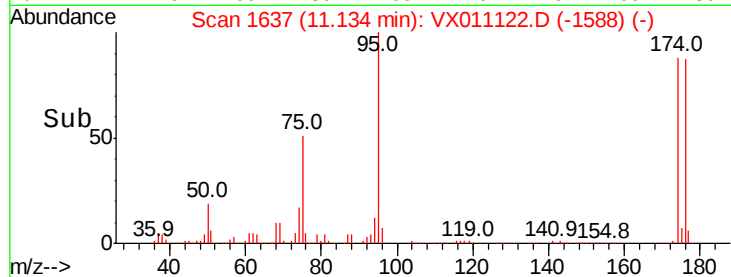
11.13

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011122.D

Acq: 27 Jul 2019 04:40

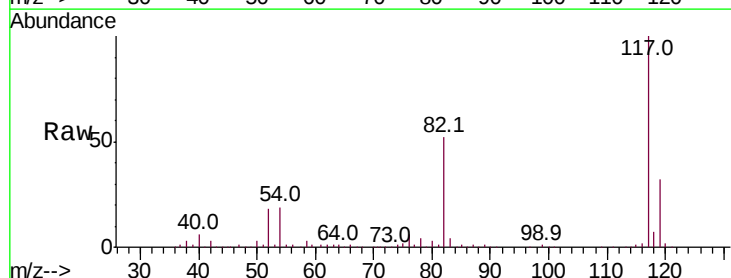
Tgt Ion: 117 Resp: 303393

Ion Ratio Lower Upper

117 100

82 51.5 42.6 63.8

119 31.6 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VX011122.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011122.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011122.D (-1420) (-)

10.11

300000

250000

200000

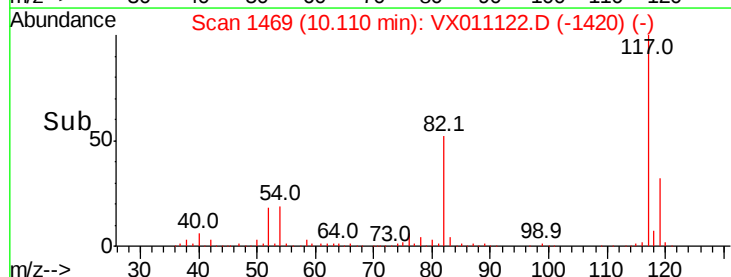
150000

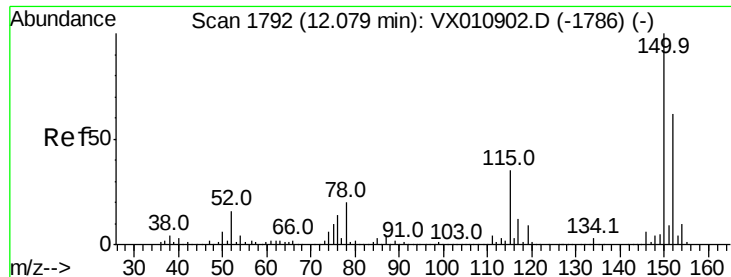
100000

50000

0

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: VX011122.D
 Acq: 27 Jul 2019 04:40

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-072519-A

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.7	119.1
150	155.6	0.0	345.6

