

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082219\
 Data File : VX011762.D
 Acq On : 22 Aug 2019 15:21
 Operator : JC/SP
 Sample : K4388-29
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T4-C-(2)

Quant Time: Aug 23 02:24:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

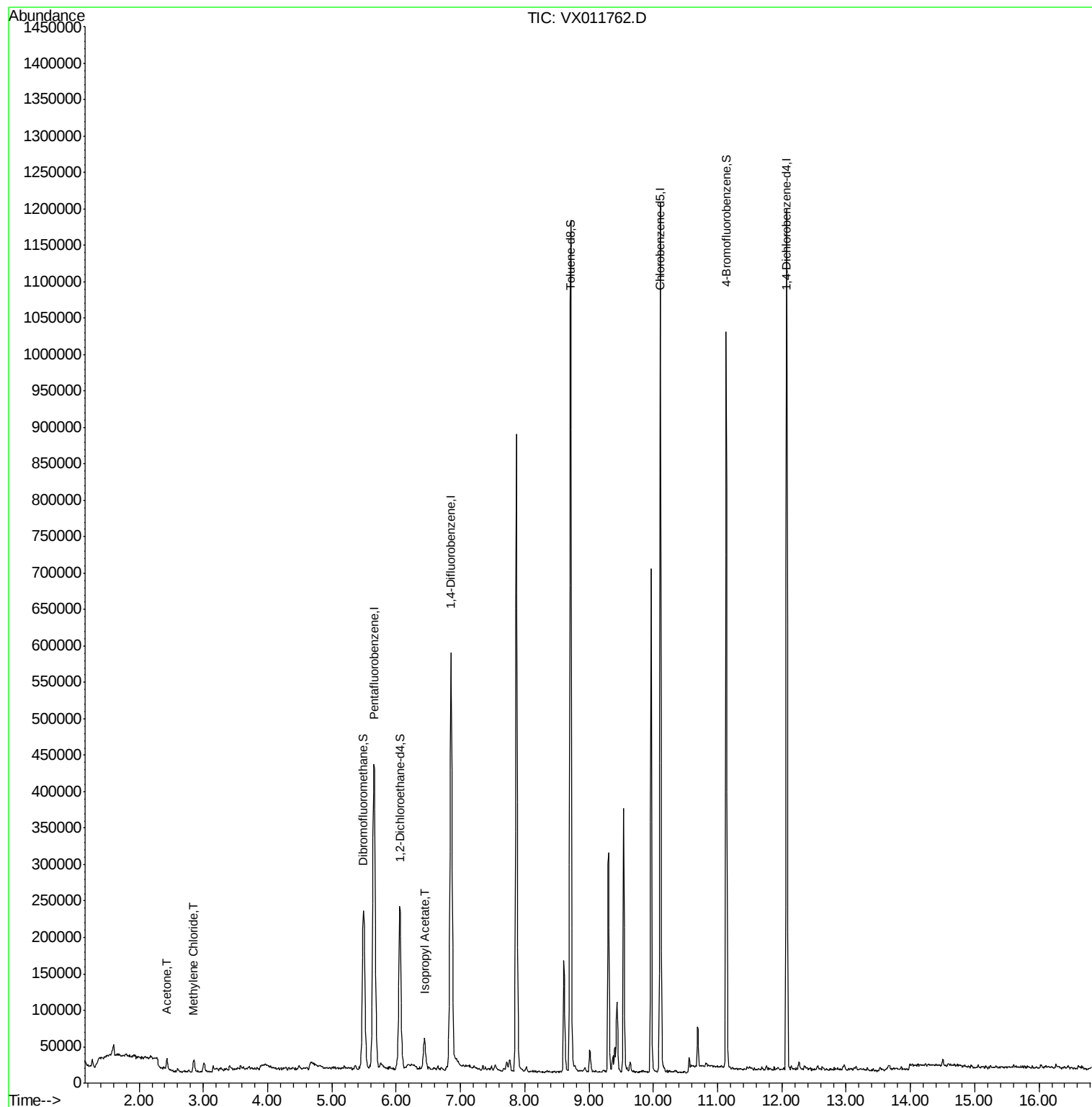
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	455983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	627813	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	578492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	271839	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	218516	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
35) Dibromofluoromethane	5.49	113	186377	45.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.82%	
50) Toluene-d8	8.71	98	721635	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	11.13	95	247388	44.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.40%	
Target Compounds						
16) Acetone	2.43	43	14826	7.441	ug/l	98
20) Methylene Chloride	2.85	84	8789	2.157	ug/l	86
43) Isopropyl Acetate	6.44	43	55684	6.604	ug/l	97

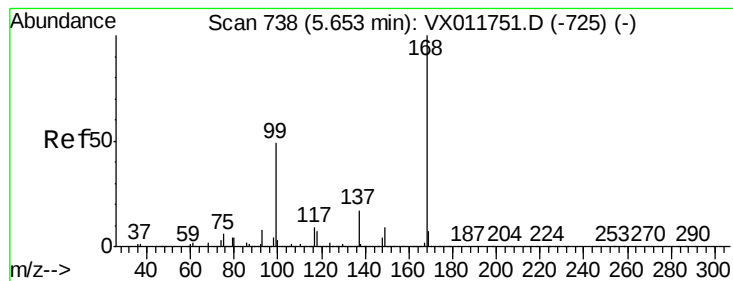
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011762.D

Acq: 22 Aug 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

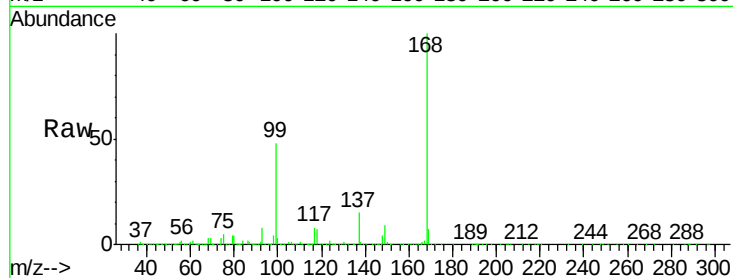
T4-C-(2)

Tot Ion:168 Resp: 455983

Ion Ratio Lower Upper

168 100

99 47.9 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

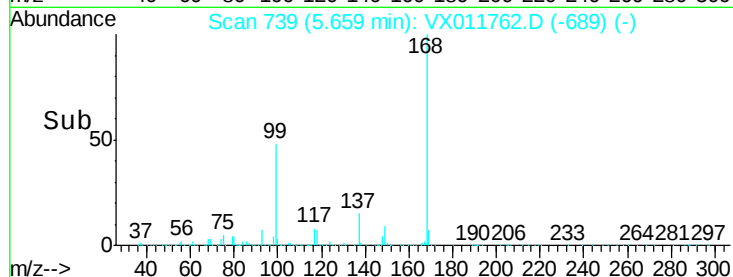
150000

100000

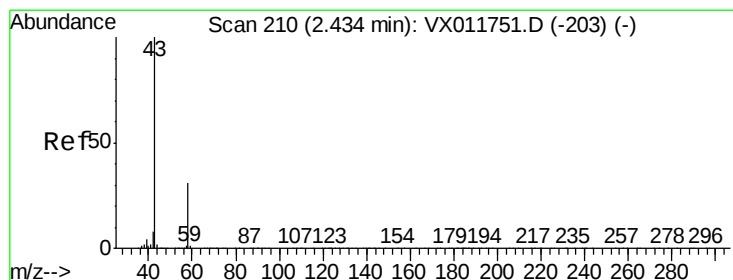
50000

0

5.50 5.60 5.70 5.80



Time-->



#16

Acetone

Concen: 7.441 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011762.D

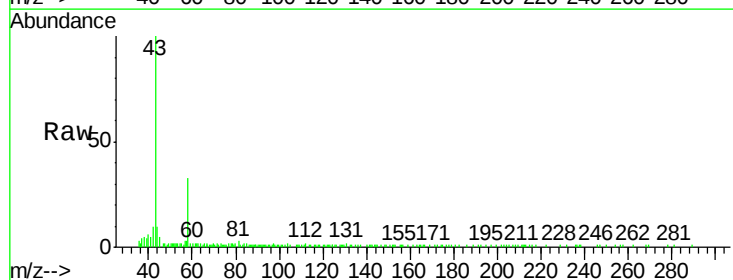
Acq: 22 Aug 2019 15:21

Tgt Ion: 43 Resp: 14826

Ion Ratio Lower Upper

43 100

58 31.7 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

10000

8000

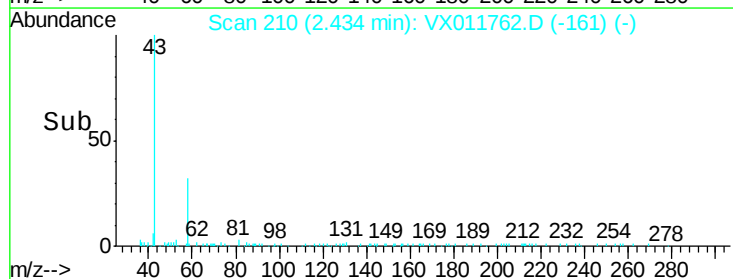
6000

4000

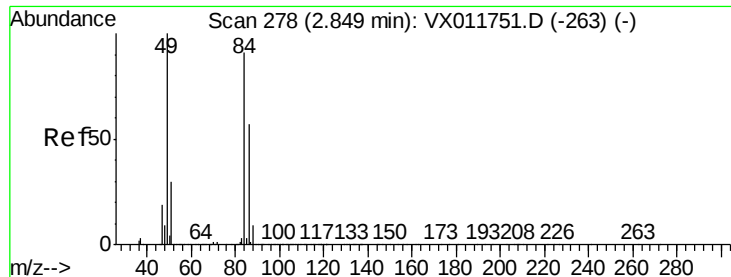
2000

0

2.35 2.40 2.45 2.50 2.55



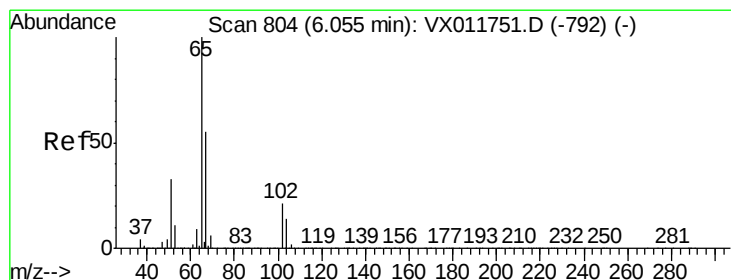
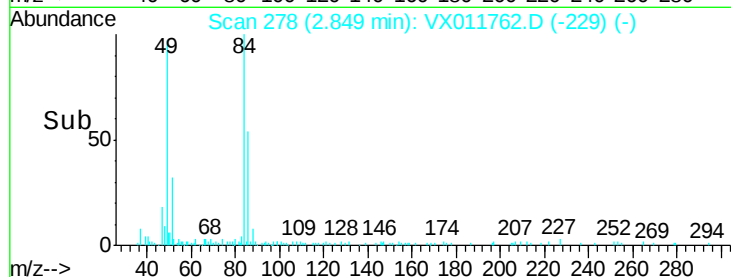
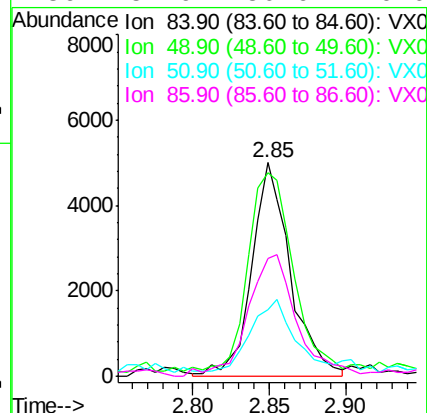
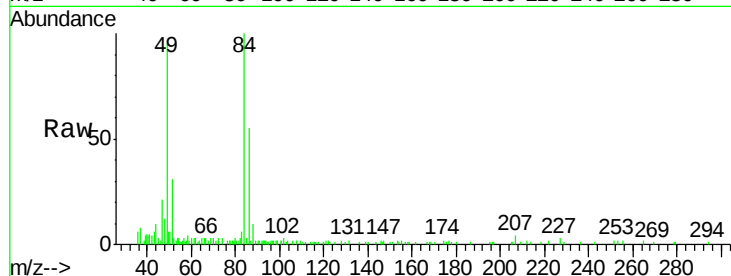
Time-->



#20
Methvlene Chloride
Concen: 2.157 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011762.D
Acq: 22 Aug 2019 15:21

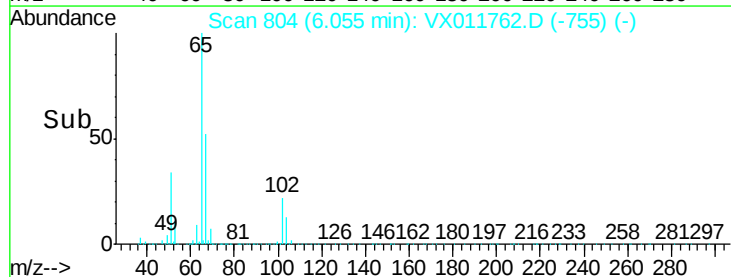
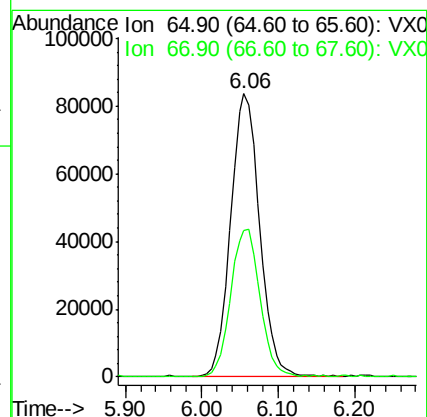
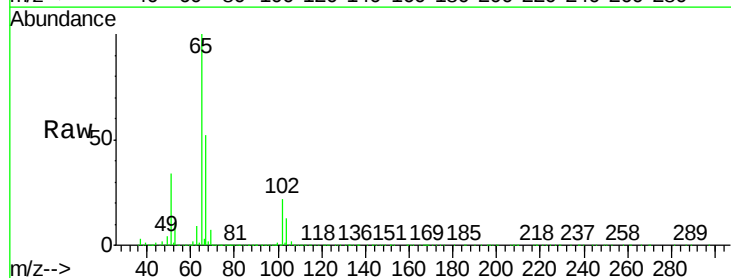
Instrument :
MSVOA_X
ClientSampleId :
T4-C-(2)

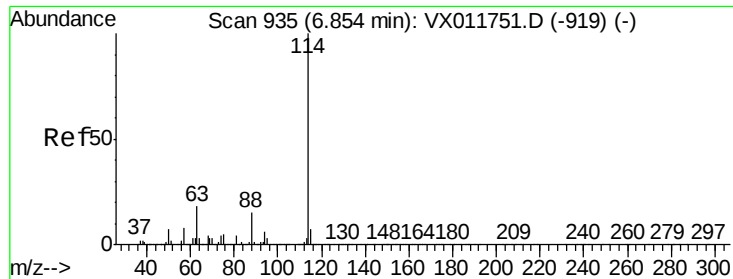
Tot Ion:	84	Resp:	8789
Ion	Ratio	Lower	Upper
84	100		
49	92.5	88.3	132.5
51	29.5	26.2	39.2
86	51.9	50.6	76.0



#33
1,2-Dichloroethane-d4
Concen: 47.704 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011762.D
Acq: 22 Aug 2019 15:21

Tgt Ion:	65	Resp:	218516
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011762.D

Acq: 22 Aug 2019 15:21

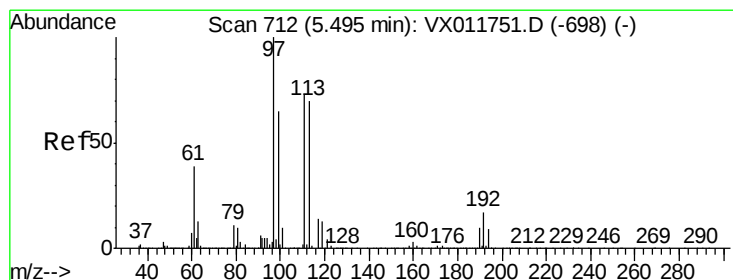
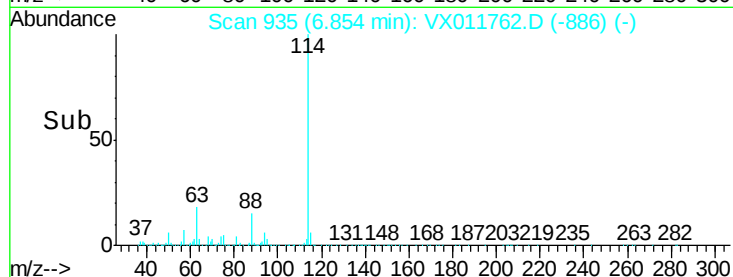
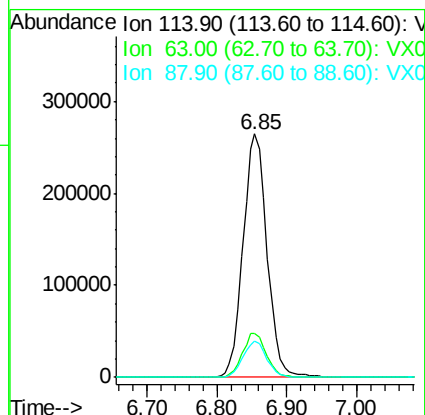
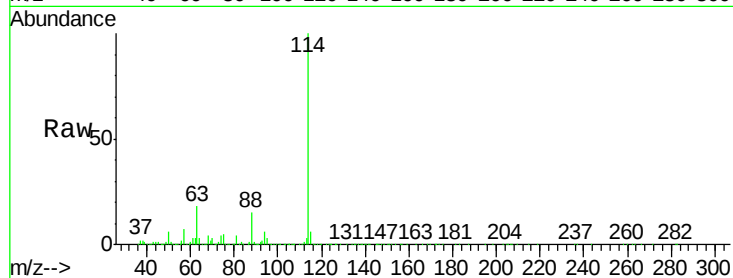
Instrument :

MSVOA_X

ClientSampleId :

T4-C-(2)

Tot Ion:	114	Resp:	627813
Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	36.8
88	14.7	0.0	30.2



#35

Dibromofluoromethane

Concen: 45.909 ug/l

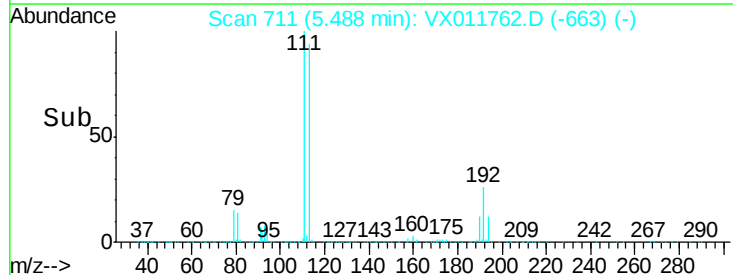
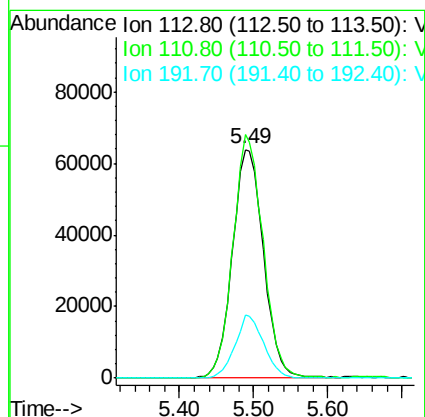
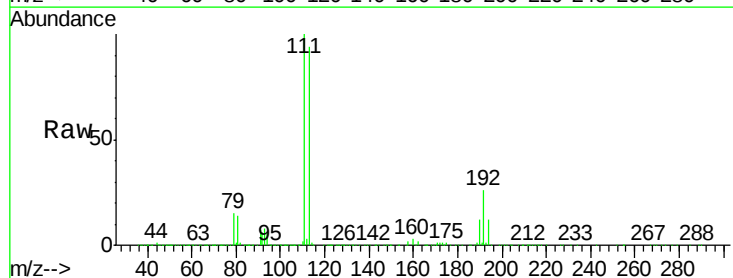
RT: 5.49 min Scan# 711

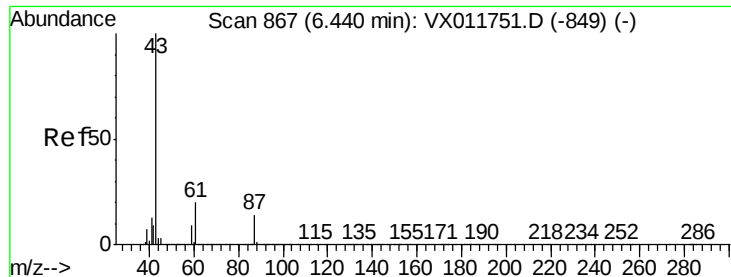
Delta R.T. -0.01 min

Lab File: VX011762.D

Acq: 22 Aug 2019 15:21

Tgt Ion:	113	Resp:	186377
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.0	121.4
192	25.6	19.9	29.9





#43

Isopropyl Acetate

Concen: 6.604 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011762.D

Acq: 22 Aug 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

T4-C-(2)

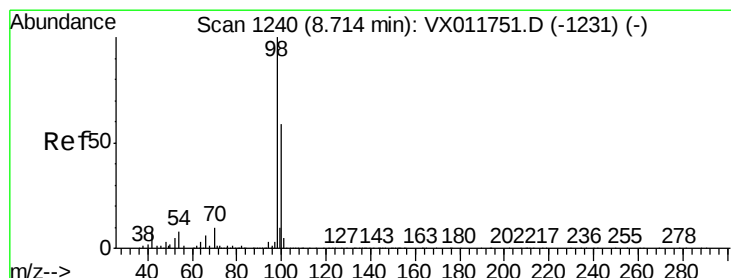
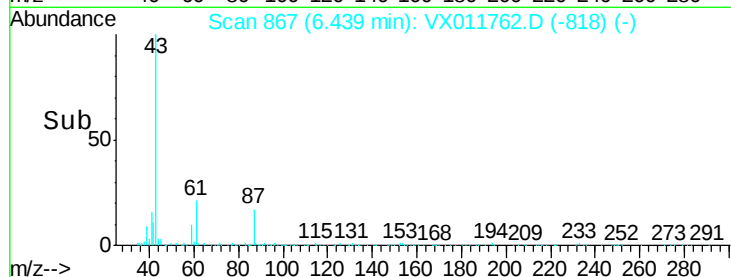
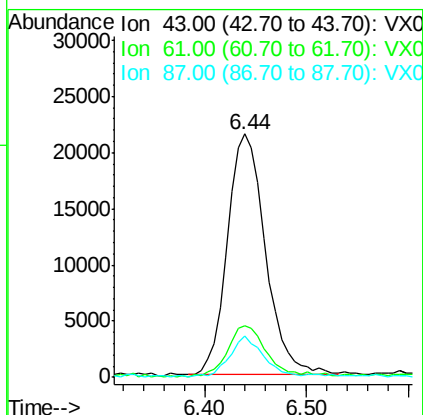
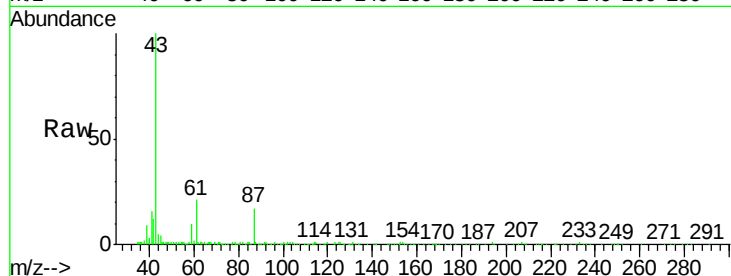
Tot Ion: 43 Resp: 55684

Ion Ratio Lower Upper

43 100

61 22.3 16.2 24.2

87 14.7 11.6 17.4



#50

Toluene-d8

Concen: 50.962 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011762.D

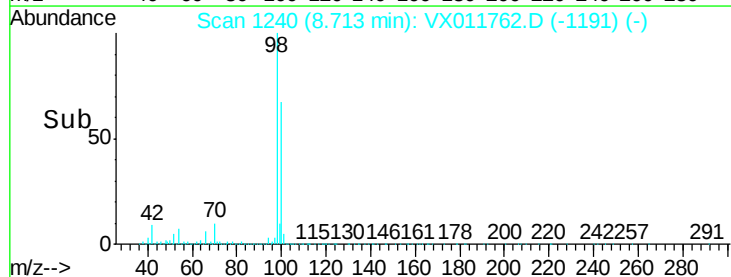
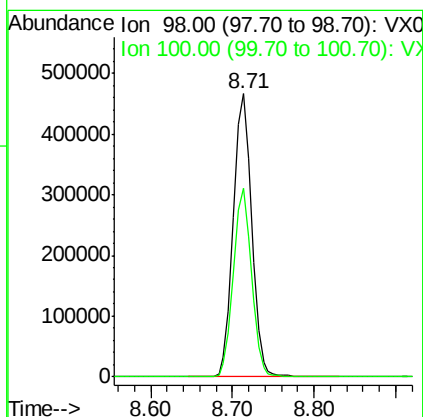
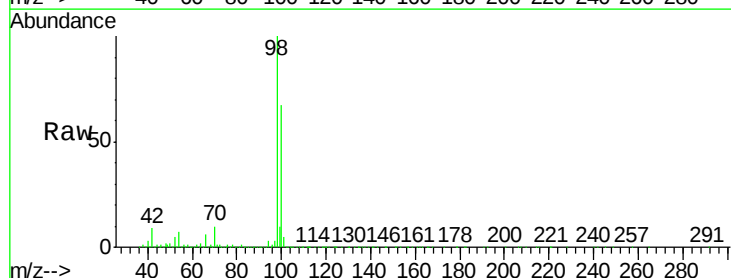
Acq: 22 Aug 2019 15:21

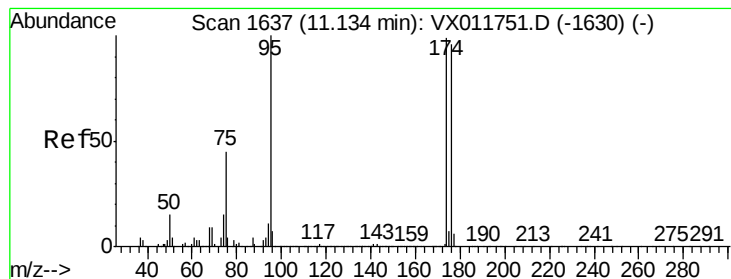
Tgt Ion: 98 Resp: 721635

Ion Ratio Lower Upper

98 100

100 65.7 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 44.200 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011762.D

Acq: 22 Aug 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

T4-C-(2)

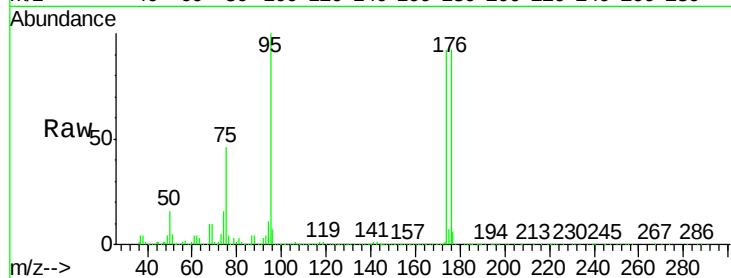
Tot Ion: 95 Resp: 247388

Ion Ratio Lower Upper

95 100

174 97.5 0.0 197.4

176 96.6 0.0 194.4

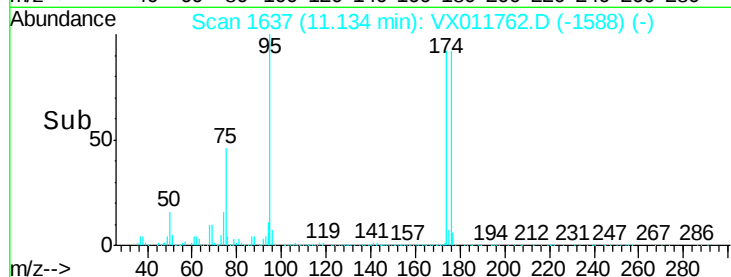


Abundance Ion 94.90 (94.60 to 95.60): VX011751.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX011751.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX011751.D (-1630) (-)

Time-->

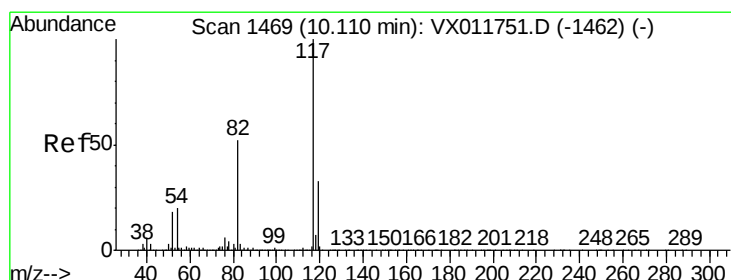


Abundance Ion 94.90 (94.60 to 95.60): VX011762.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011762.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011762.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: VX011762.D

Acq: 22 Aug 2019 15:21

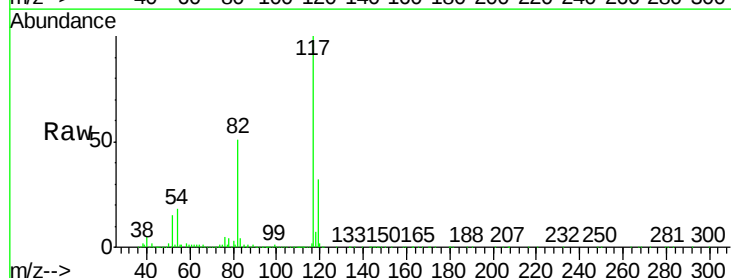
Tgt Ion: 117 Resp: 578492

Ion Ratio Lower Upper

117 100

82 50.9 41.7 62.5

119 32.4 26.2 39.2

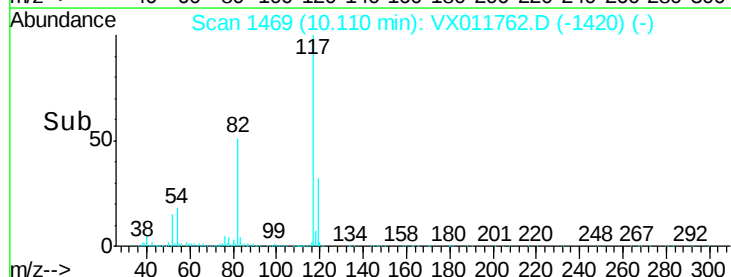


Abundance Ion 116.90 (116.60 to 117.60): VX011751.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX011751.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX011751.D (-1462) (-)

Time-->

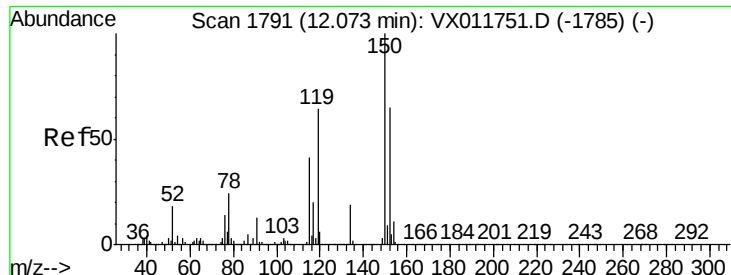


Abundance Ion 116.90 (116.60 to 117.60): VX011762.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011762.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011762.D (-1420) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX011762.D

Acq: 22 Aug 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

T4-C-(2)

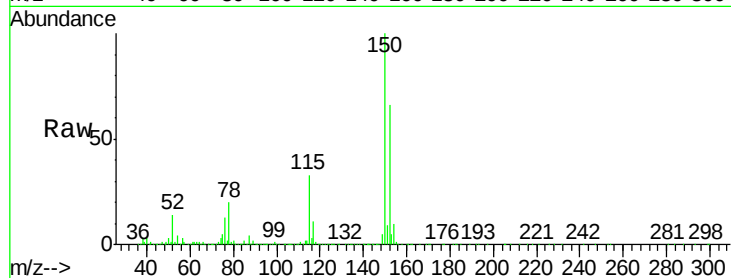
Tot Ion:152 Resp: 271839

Ion Ratio Lower Upper

152 100

115 53.0 37.3 111.8

150 155.3 0.0 343.0



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

