

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082219\
 Data File : VX011764.D
 Acq On : 22 Aug 2019 16:08
 Operator : JC/SP
 Sample : K4388-32
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 23 02:29:14 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

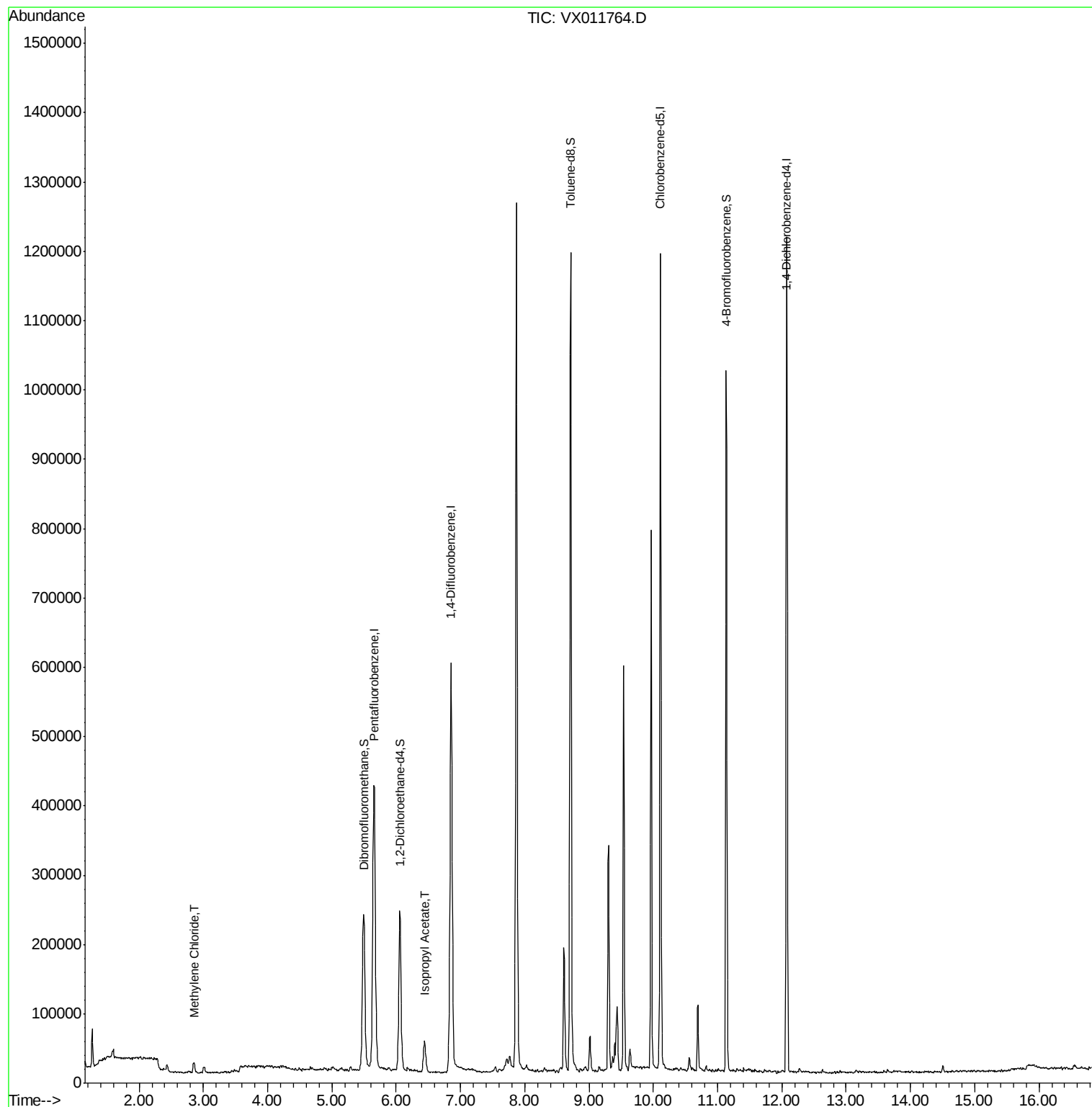
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	438147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	646986	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	560451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	280803	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	219234	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
35) Dibromofluoromethane	5.49	113	191883	45.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.72%	
50) Toluene-d8	8.71	98	722880	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.13	95	251379	43.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.16%	
Target Compounds						
20) Methylene Chloride	2.85	84	9007	2.301	ug/l #	87
43) Isopropyl Acetate	6.44	43	64207	7.389	ug/l	98

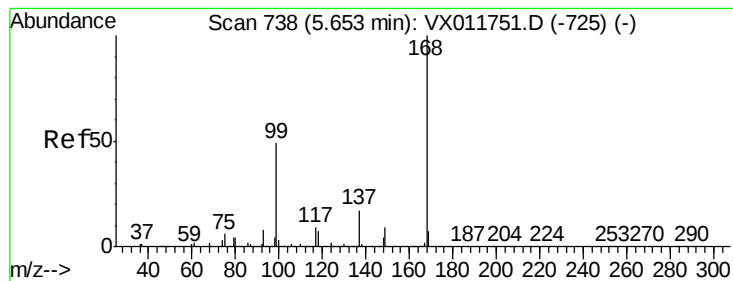
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 23 01:48:12 2019
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: VX011764.D

Acq: 22 Aug 2019 16:08

Instrument :

MSVOA_X

ClientSampleId :

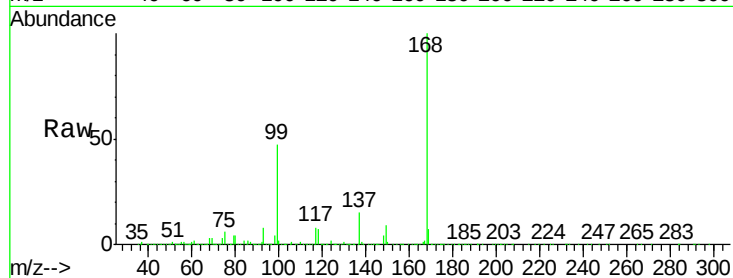
T4-D-(2)

Tot Ion:168 Resp: 438147

Ion Ratio Lower Upper

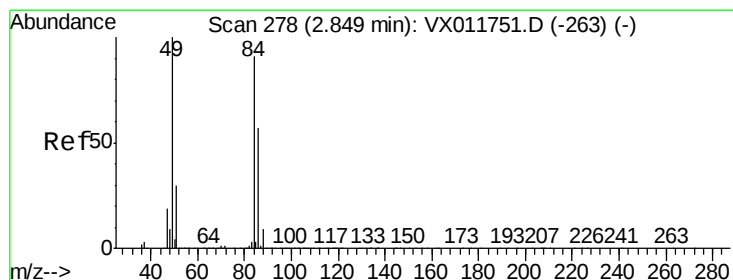
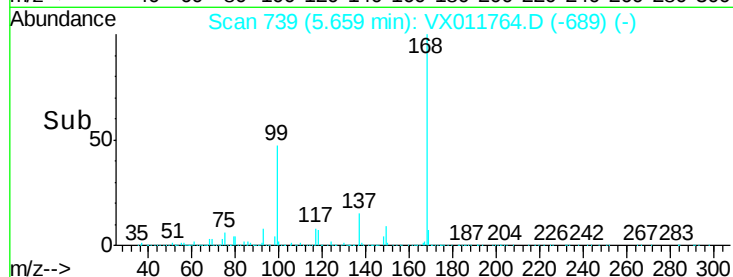
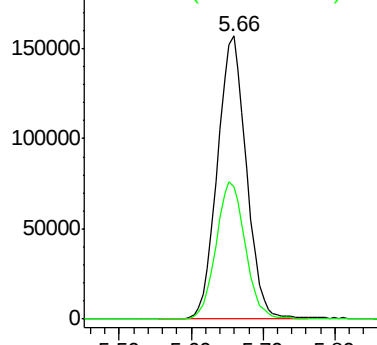
168 100

99 46.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#20

Methylene Chloride

Concen: 2.301 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.01 min

Lab File: VX011764.D

Acq: 22 Aug 2019 16:08

Tgt Ion: 84 Resp: 9007

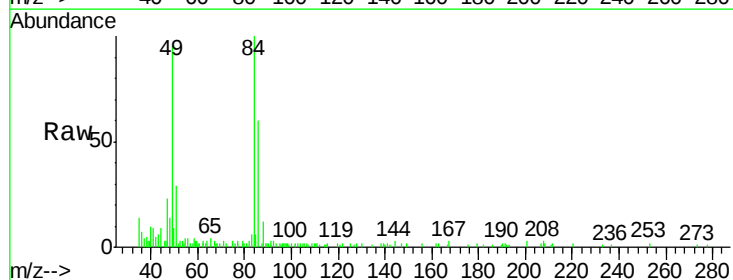
Ion Ratio Lower Upper

84 100

49 91.8 88.3 132.5

51 25.9 26.2 39.2#

86 58.1 50.6 76.0

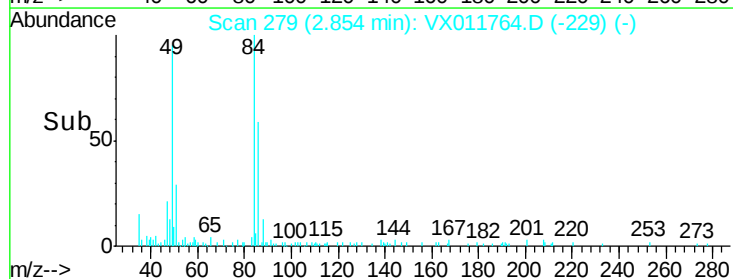
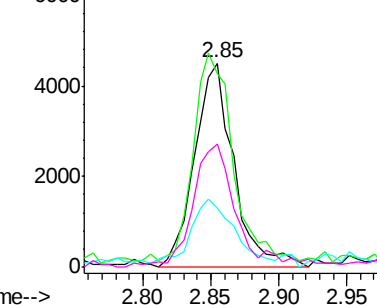


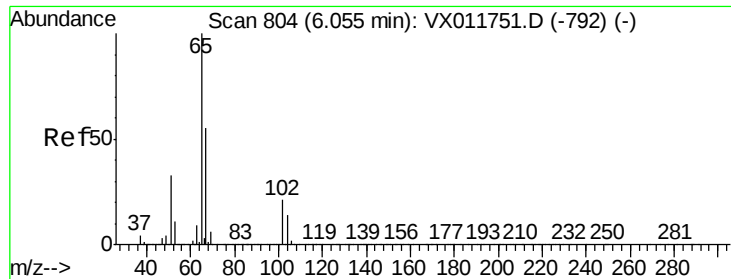
Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 49.809 ug/l

RT: 6.05 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011764.D

Acq: 22 Aug 2019 16:08

Instrument :

MSVOA_X

ClientSampleId :

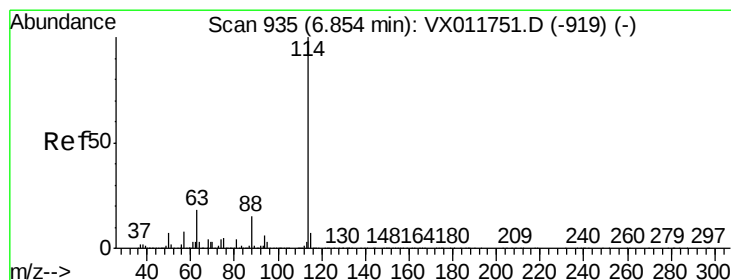
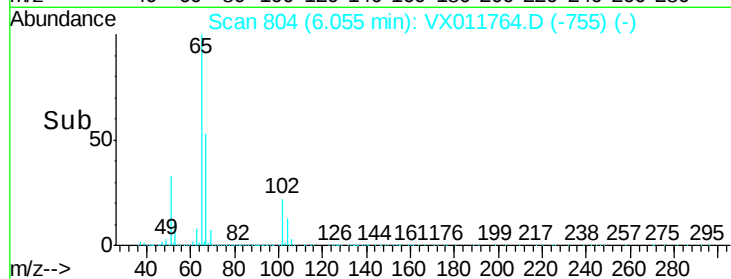
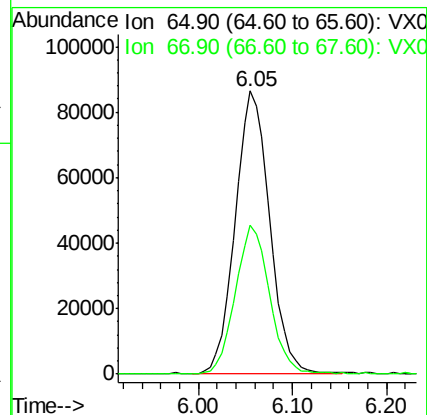
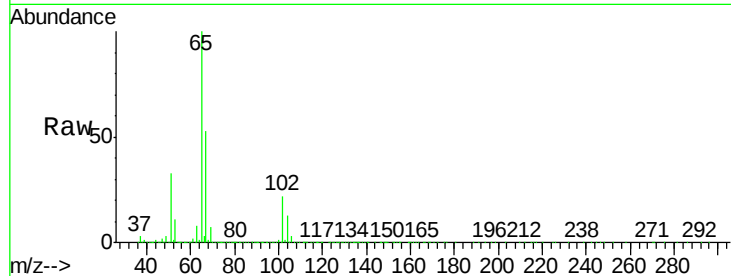
T4-D-(2)

Tot Ion: 65 Resp: 219234

Ion Ratio Lower Upper

65 100

67 52.7 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: VX011764.D

Acq: 22 Aug 2019 16:08

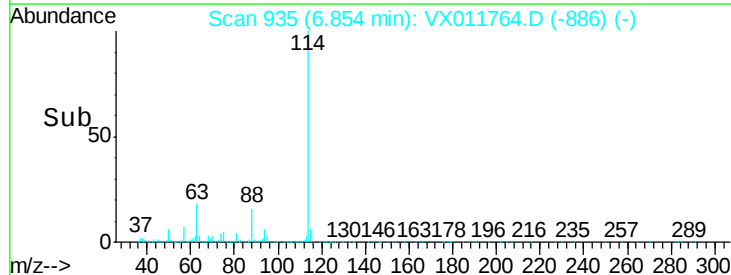
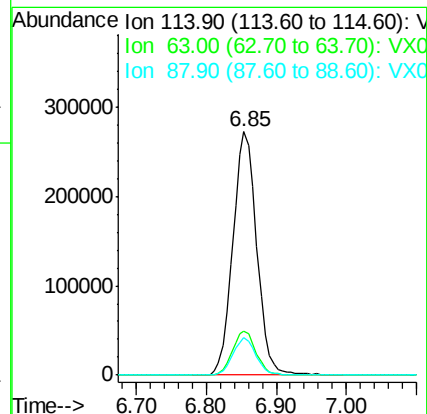
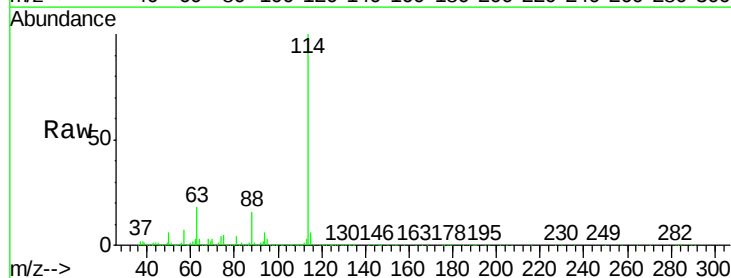
Tgt Ion: 114 Resp: 646986

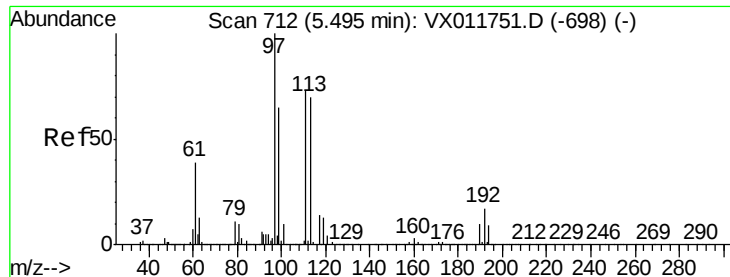
Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.8

88 15.6 0.0 30.2

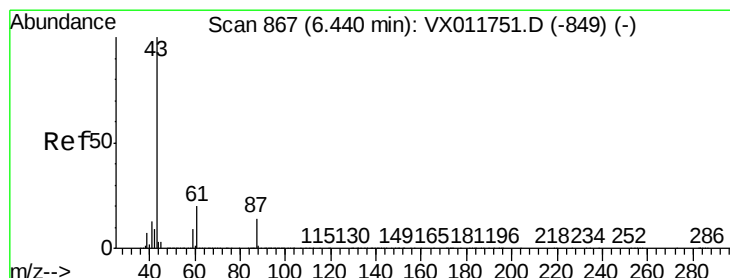
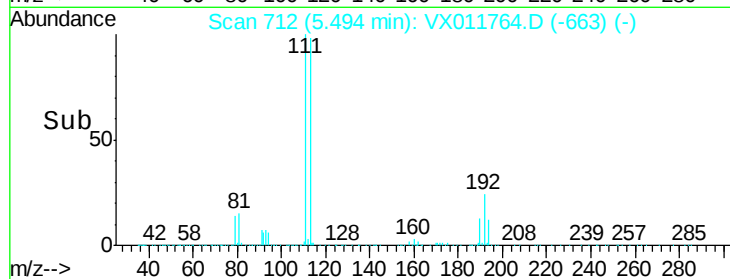
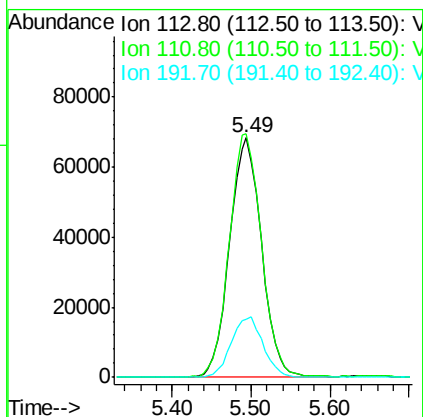
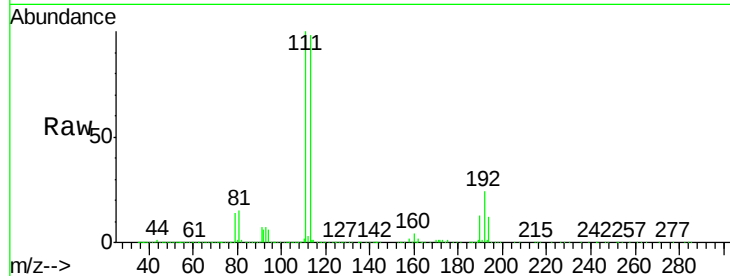




#35
 Dibromofluoromethane
 Concen: 45.865 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX011764.D
 Acq: 22 Aug 2019 16:08

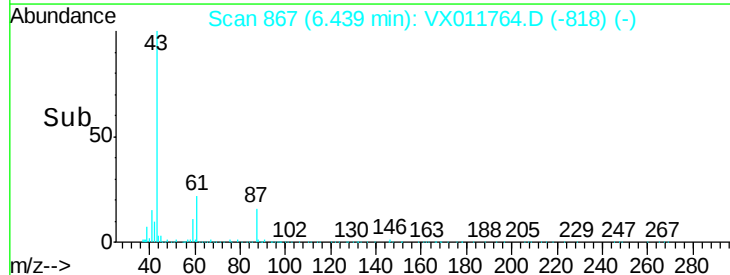
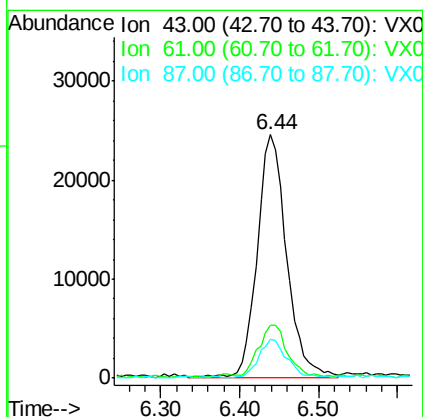
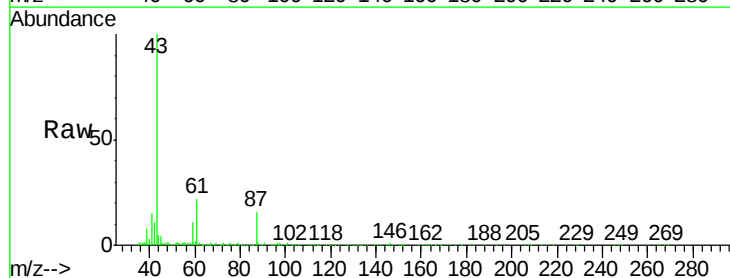
Instrument :
 MSVOA_X
 ClientSampleId :
 T4-D-(2)

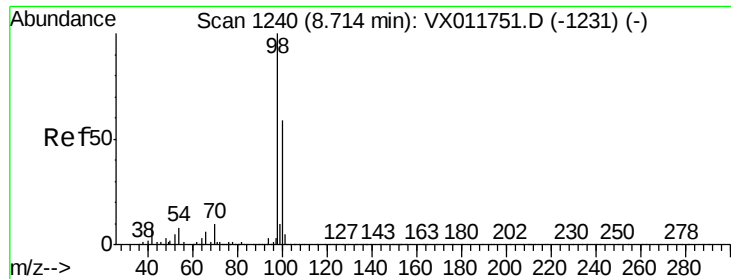
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.0	121.4
192	25.5	19.9	29.9



#43
 Isopropyl Acetate
 Concen: 7.389 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: VX011764.D
 Acq: 22 Aug 2019 16:08

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.2	24.2
87	15.8	11.6	17.4





#50

Toluene-d8

Concen: 49.537 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011764.D

Acq: 22 Aug 2019 16:08

Instrument :

MSVOA_X

ClientSampled :

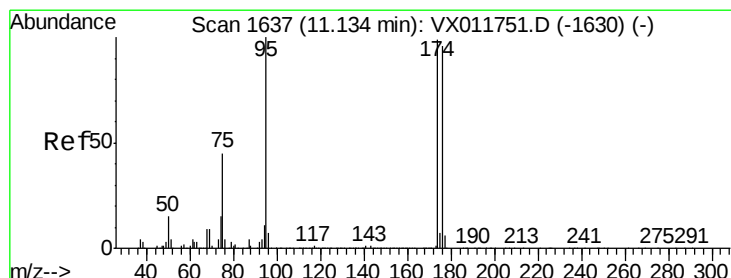
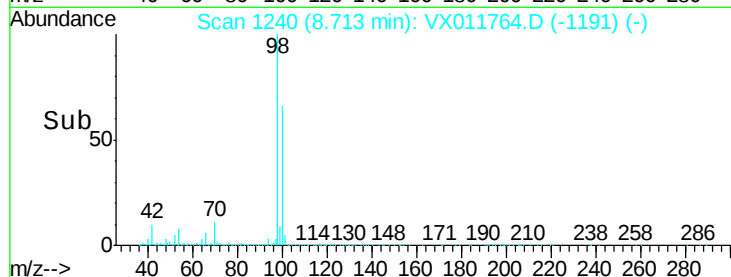
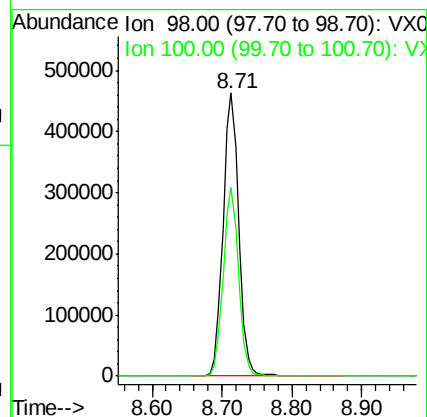
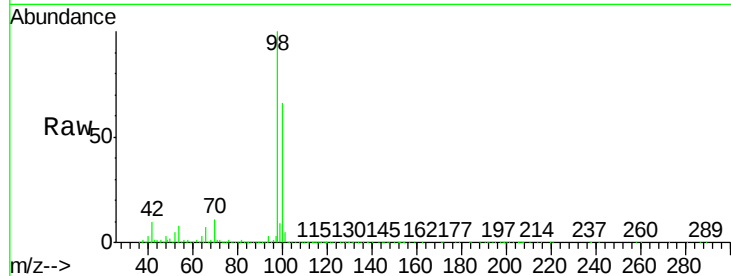
T4-D-(2)

Tot Ion: 98 Resp: 722880

Ion Ratio Lower Upper

98 100

100 65.3 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 43.582 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011764.D

Acq: 22 Aug 2019 16:08

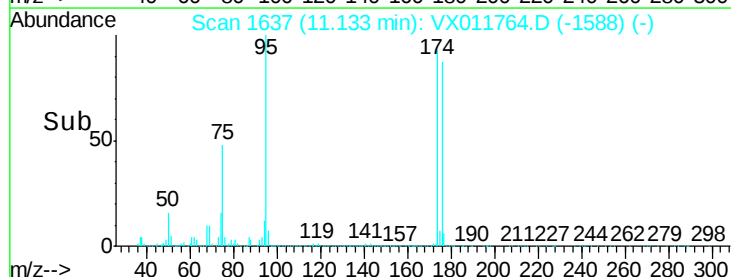
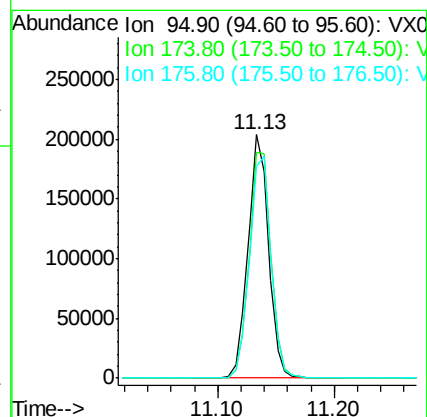
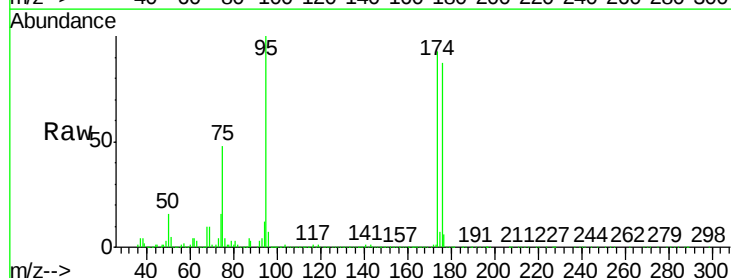
Tgt Ion: 95 Resp: 251379

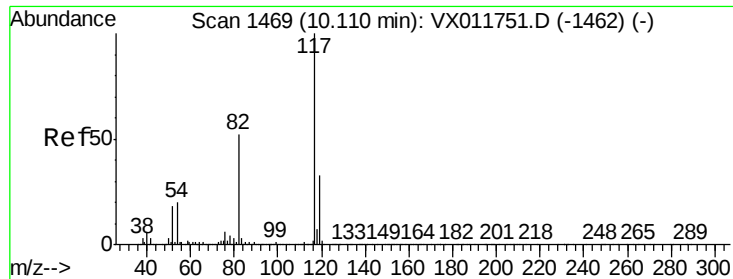
Ion Ratio Lower Upper

95 100

174 99.5 0.0 197.4

176 95.7 0.0 194.4

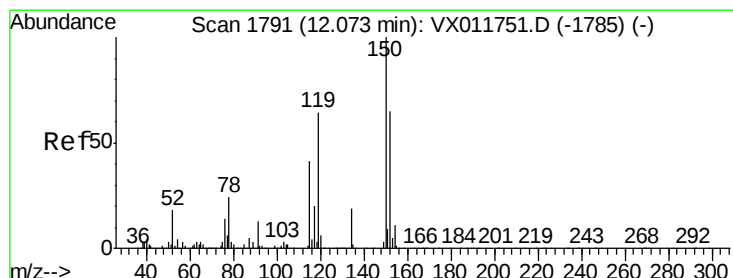
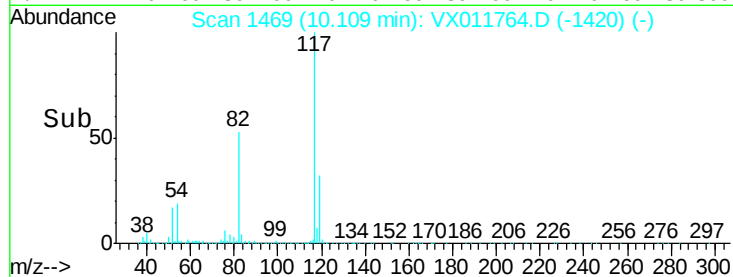
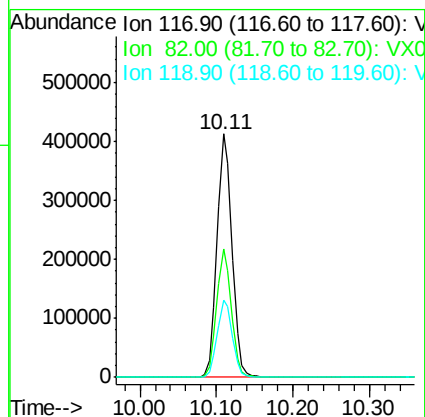
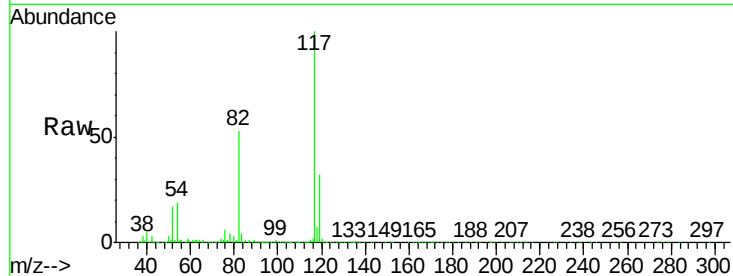




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011764.D
Acq: 22 Aug 2019 16:08

Instrument :
MSVOA_X
ClientSampled :
T4-D-(2)

Tot Ion:117 Resp: 560451
Ion Ratio Lower Upper
117 100
82 52.8 41.7 62.5
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX011764.D
Acq: 22 Aug 2019 16:08

Tgt Ion:152 Resp: 280803
Ion Ratio Lower Upper
152 100
115 52.7 37.3 111.8
150 157.5 0.0 343.0

