

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082219\
 Data File : VX011763.D
 Acq On : 22 Aug 2019 15:45
 Operator : JC/SP
 Sample : K4388-31
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T4-D-0)

Quant Time: Aug 23 02:26:21 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

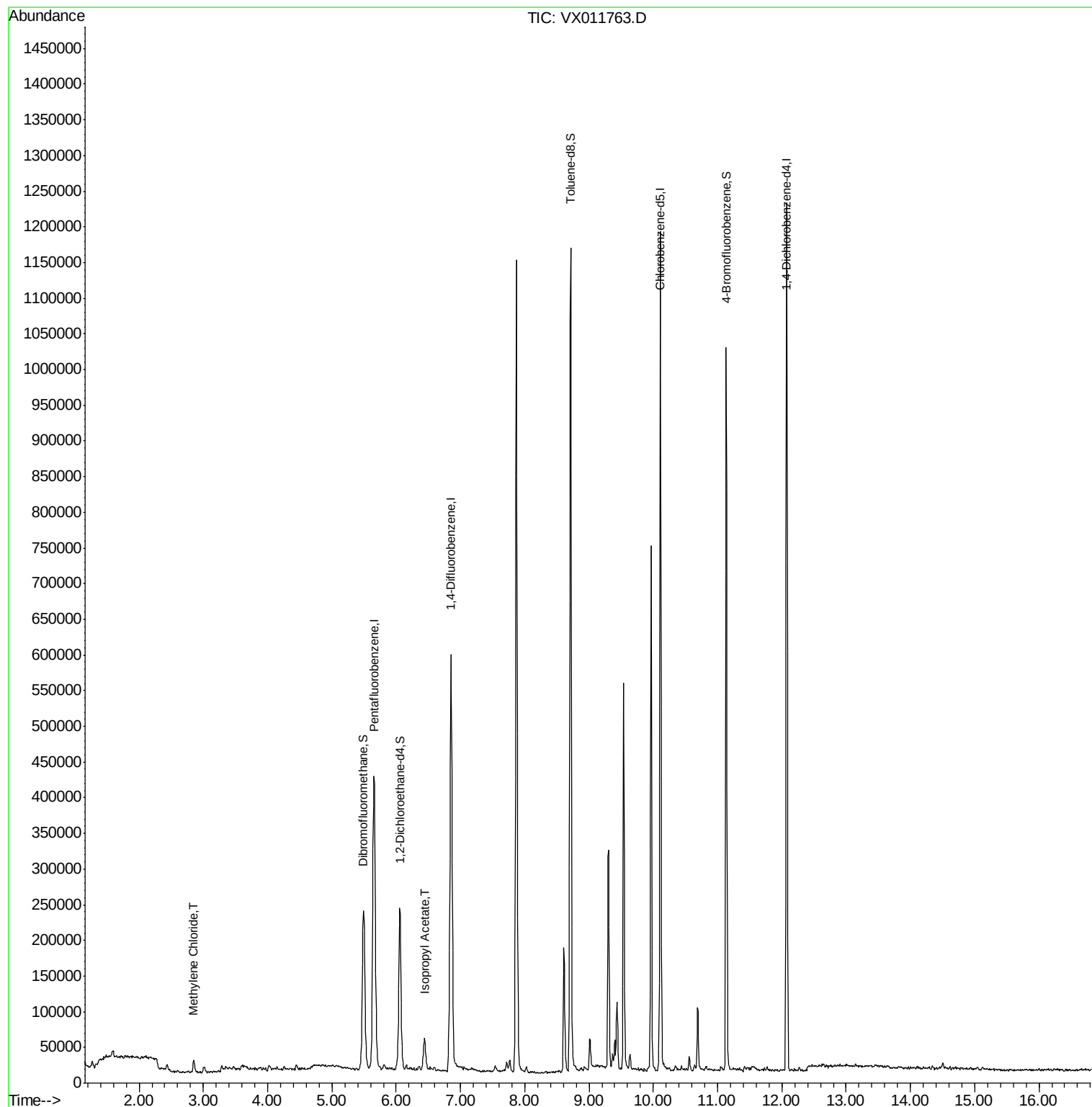
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	444963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	630679	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	561845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	282037	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	219333	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
35) Dibromofluoromethane	5.49	113	188930	46.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.66%	
50) Toluene-d8	8.71	98	725179	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.13	95	248348	44.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.34%	
Target Compounds						
20) Methylene Chloride	2.85	84	8448	2.125	ug/l	90
43) Isopropyl Acetate	6.44	43	60839	7.182	ug/l	100

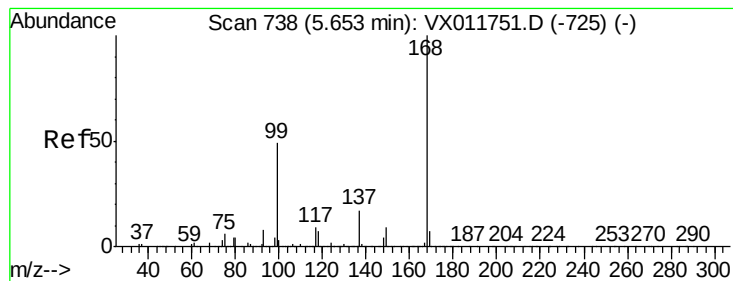
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011763.D

Acq: 22 Aug 2019 15:45

Instrument :

MSVOA_X

ClientSampleId :

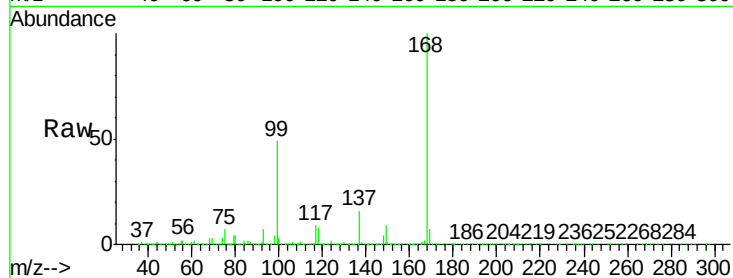
T4-D-(0)

Tot Ion:168 Resp: 444963

Ion Ratio Lower Upper

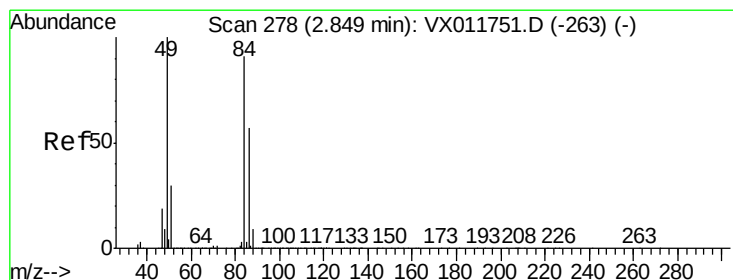
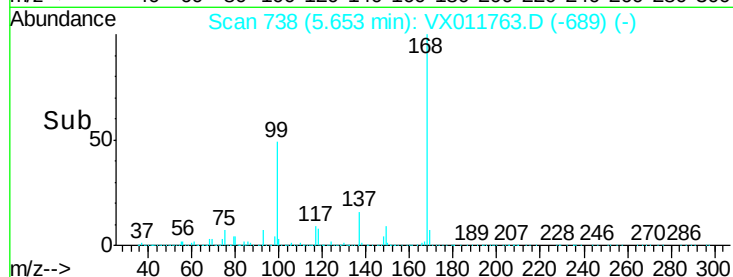
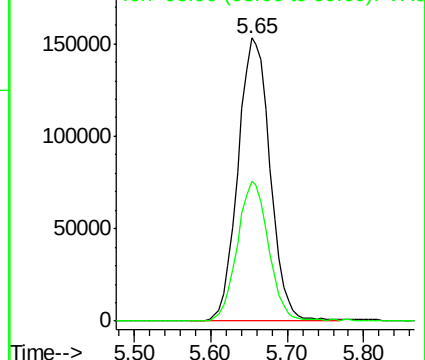
168 100

99 49.4 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: 2.125 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.01 min

Lab File: VX011763.D

Acq: 22 Aug 2019 15:45

Tgt Ion: 84 Resp: 8448

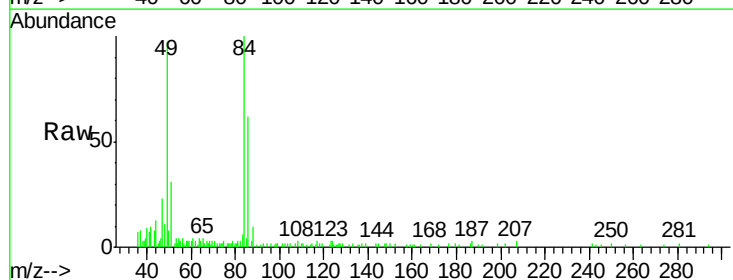
Ion Ratio Lower Upper

84 100

49 95.2 88.3 132.5

51 28.1 26.2 39.2

86 59.5 50.6 76.0

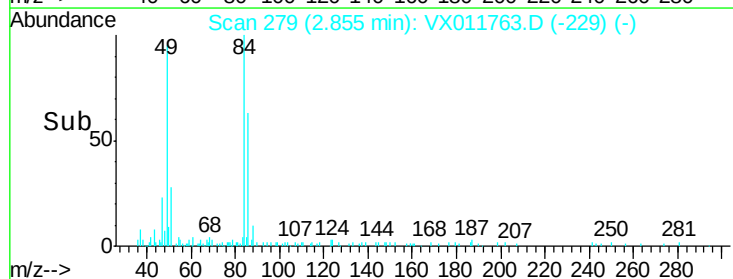
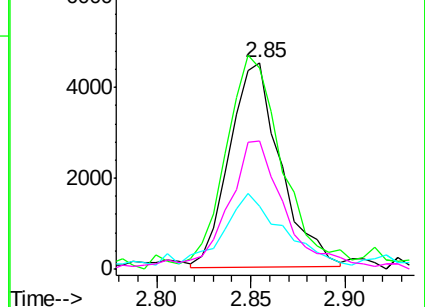


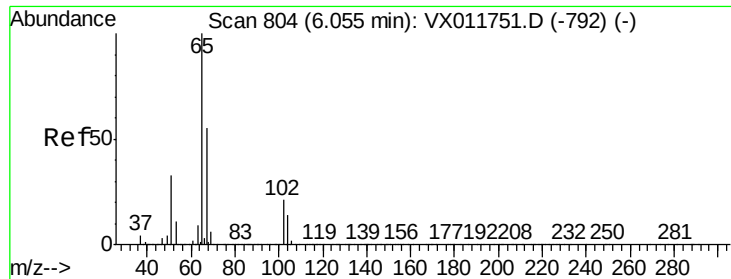
Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 49.069 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011763.D

Acq: 22 Aug 2019 15:45

Instrument :

MSVOA_X

ClientSampleId :

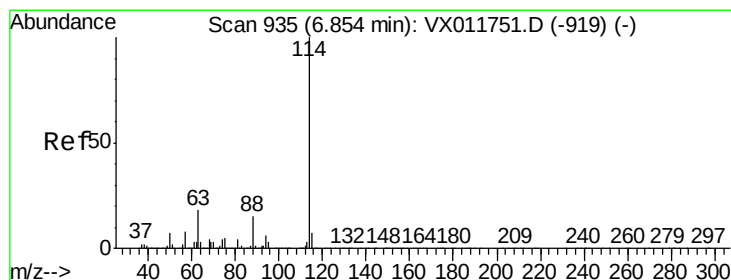
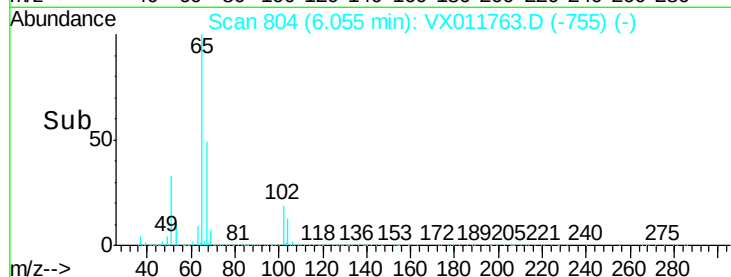
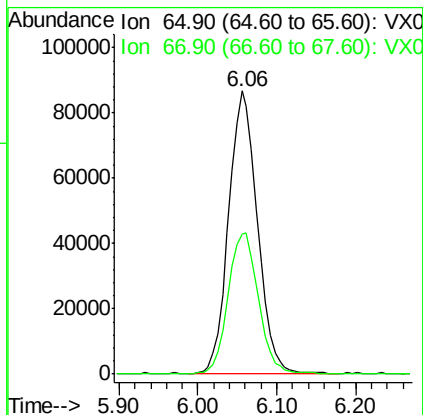
T4-D-(0)

Tot Ion: 65 Resp: 219333

Ion Ratio Lower Upper

65 100

67 52.5 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: VX011763.D

Acq: 22 Aug 2019 15:45

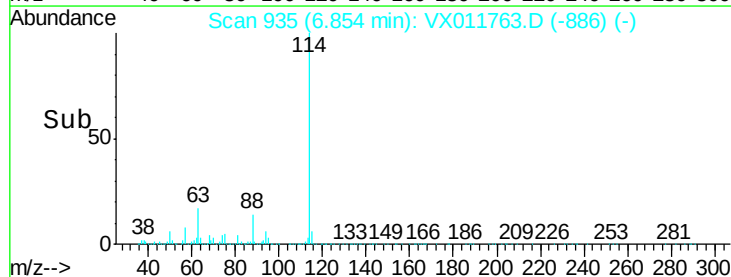
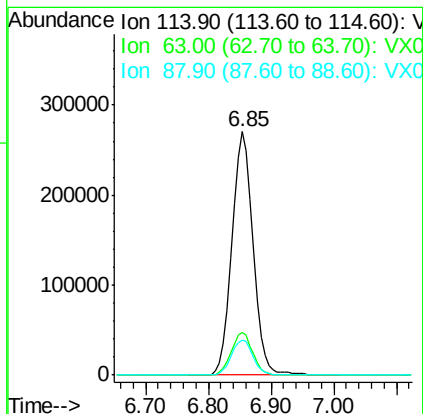
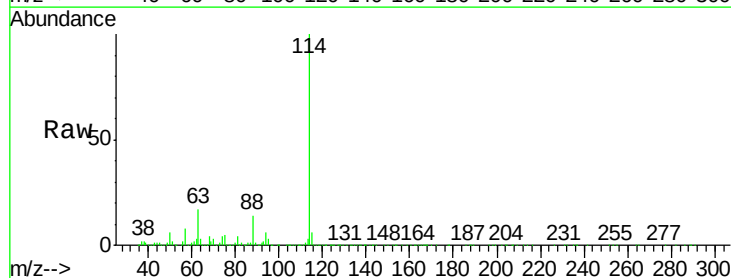
Tgt Ion: 114 Resp: 630679

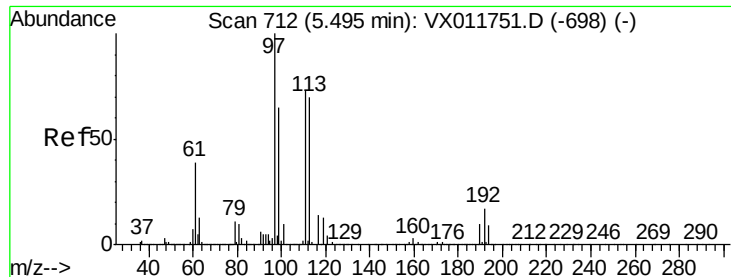
Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.8

88 14.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 46.327 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011763.D

Acq: 22 Aug 2019 15:45

Instrument :

MSVOA_X

ClientSampleId :

T4-D-(0)

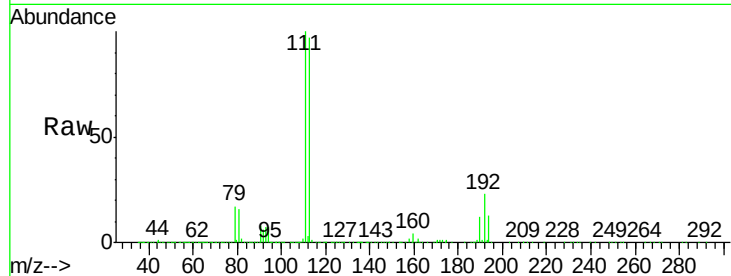
Tot Ion:113 Resp: 188930

Ion Ratio Lower Upper

113 100

111 102.4 81.0 121.4

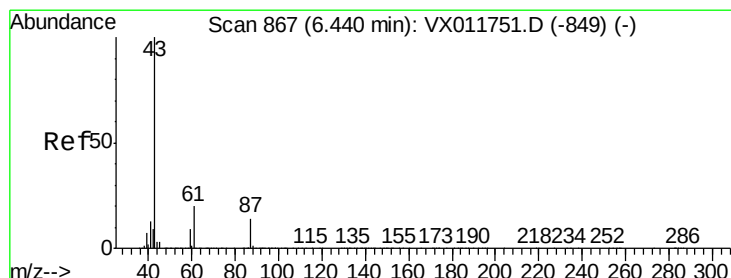
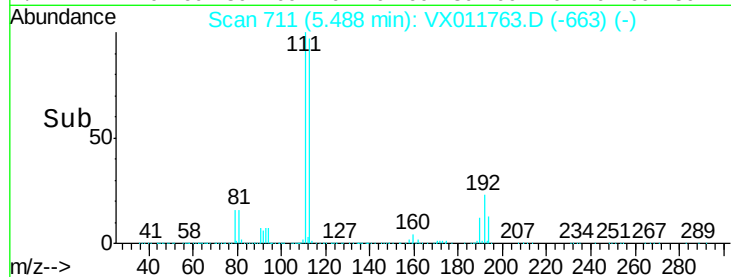
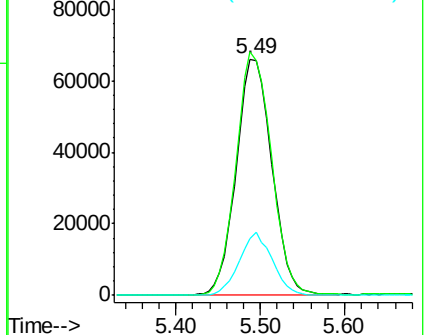
192 25.0 19.9 29.9



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: 7.182 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011763.D

Acq: 22 Aug 2019 15:45

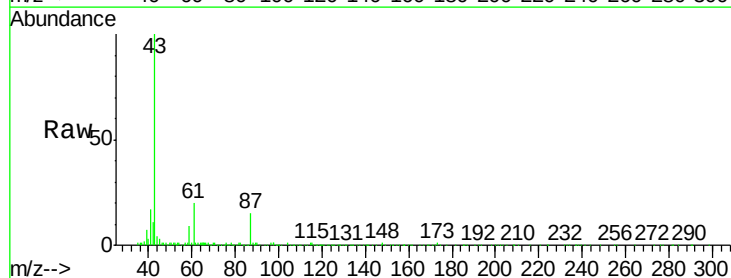
Tgt Ion: 43 Resp: 60839

Ion Ratio Lower Upper

43 100

61 20.4 16.2 24.2

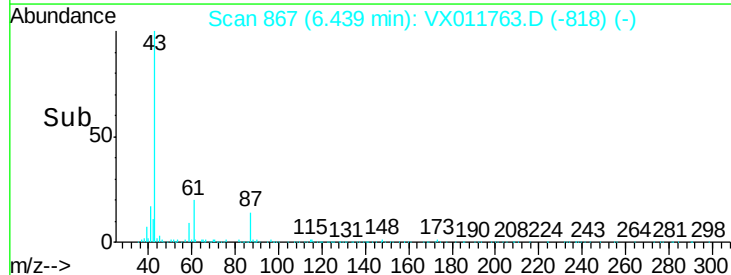
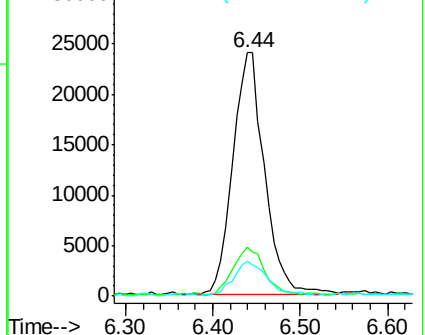
87 14.6 11.6 17.4

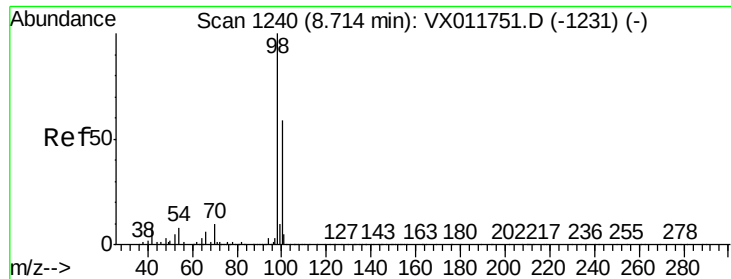


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

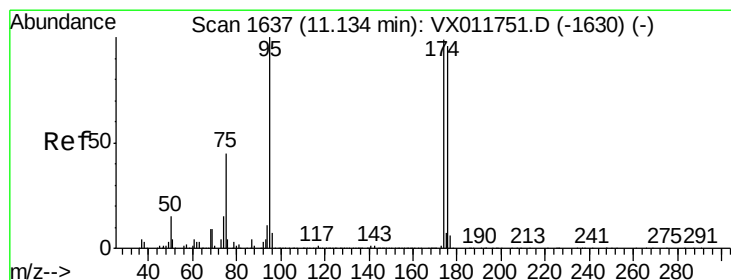
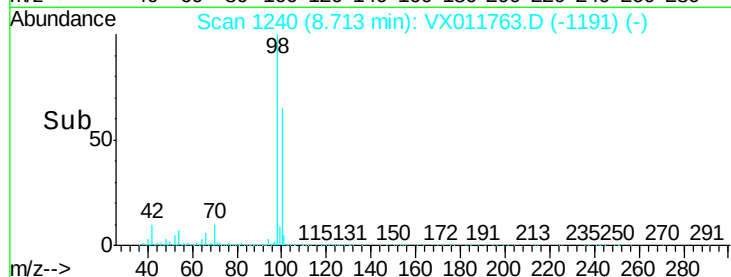
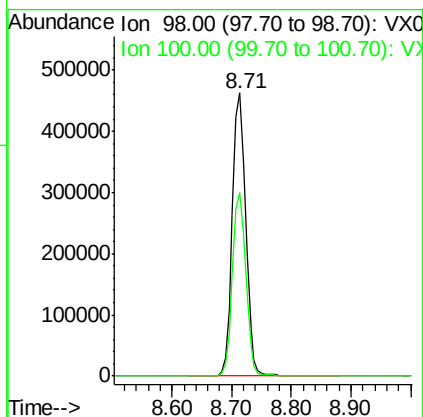
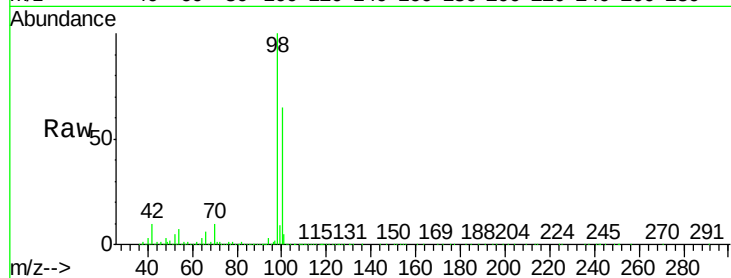




#50
Toluene-d8
Concen: 50.980 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011763.D
Acq: 22 Aug 2019 15:45

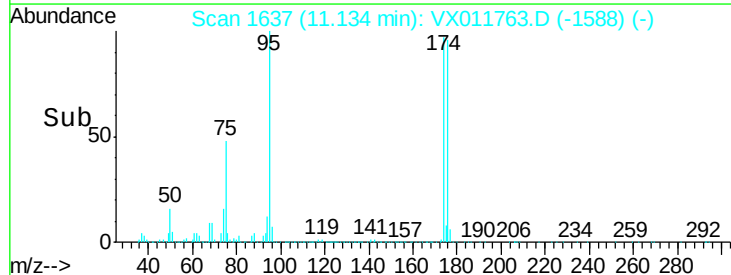
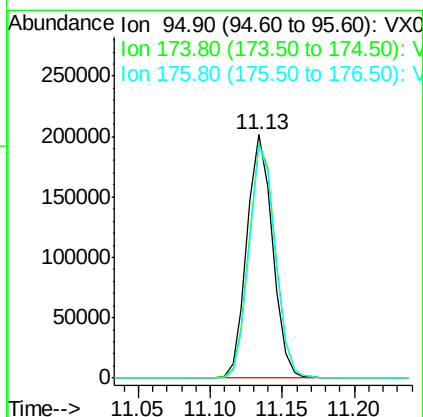
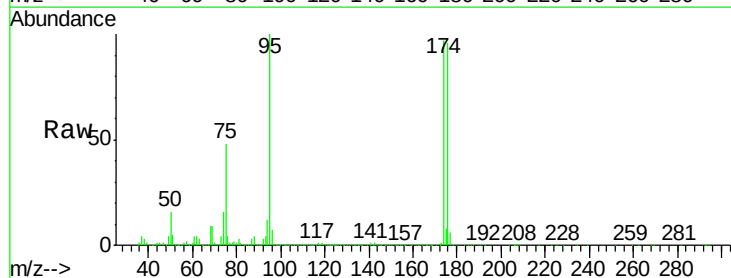
Instrument :
MSVOA_X
ClientSampled :
T4-D-(0)

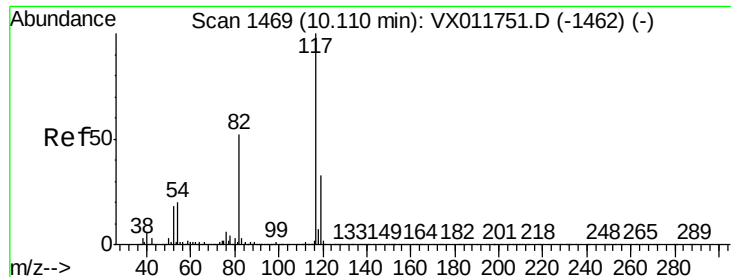
Tot Ion: 98 Resp: 725179
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.170 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011763.D
Acq: 22 Aug 2019 15:45

Tgt Ion: 95 Resp: 248348
Ion Ratio Lower Upper
95 100
174 99.2 0.0 197.4
176 96.9 0.0 194.4

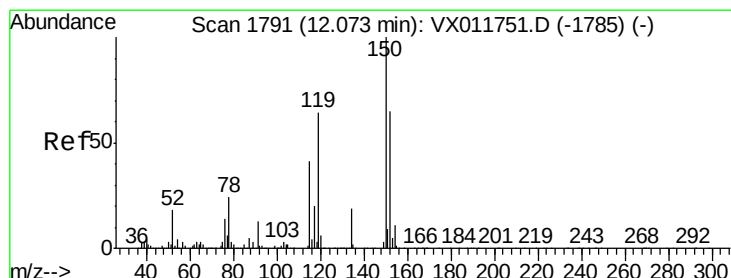
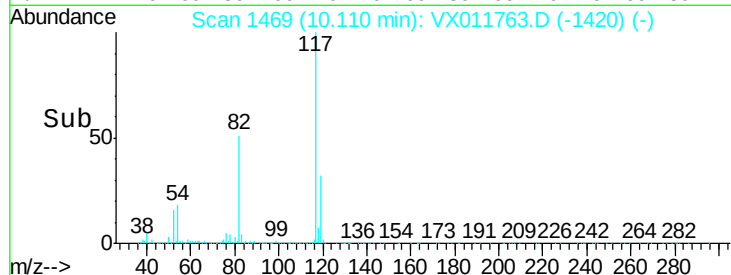
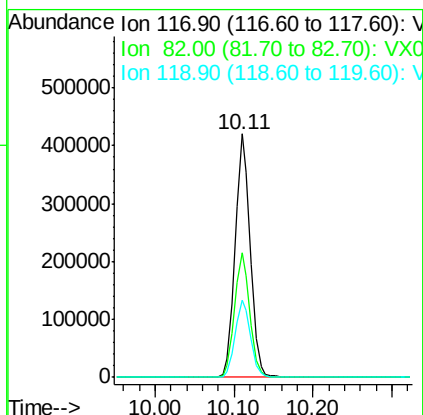
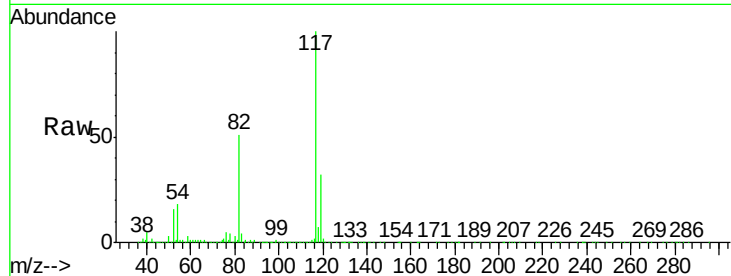




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011763.D
Acq: 22 Aug 2019 15:45

Instrument :
MSVOA_X
ClientSampled :
T4-D-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	41.7	62.5
119	31.9	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: VX011763.D
Acq: 22 Aug 2019 15:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.5	37.3	111.8
150	155.6	0.0	343.0

