

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082219\
 Data File : VX011781.D
 Acq On : 22 Aug 2019 22:47
 Operator : JC/SP
 Sample : K4403-26
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-H2-(2.5)

Quant Time: Aug 23 03:51:02 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

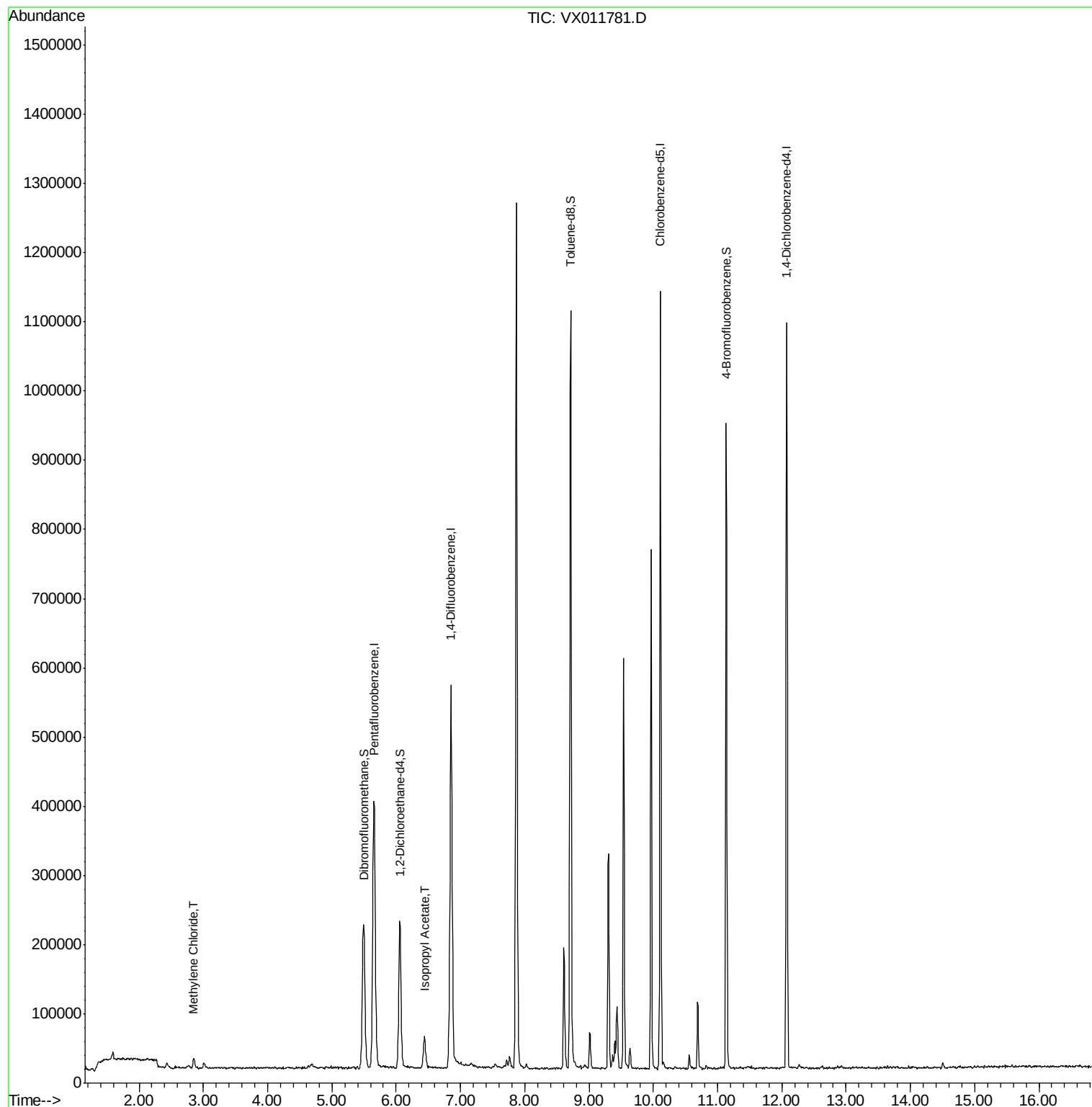
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	411028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	576770	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	519656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	248465	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	207181	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
35) Dibromofluoromethane	5.49	113	178691	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
50) Toluene-d8	8.71	98	664511	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	11.13	95	228526	44.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.88%	
Target Compounds						
20) Methylene Chloride	2.85	84	7649	2.083	ug/l	94
43) Isopropyl Acetate	6.44	43	62881	8.117	ug/l	99

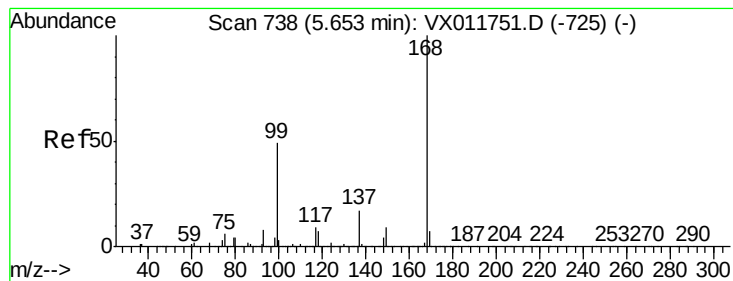
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011781.D

Acq: 22 Aug 2019 22:47

Instrument :

MSVOA_X

ClientSampleId :

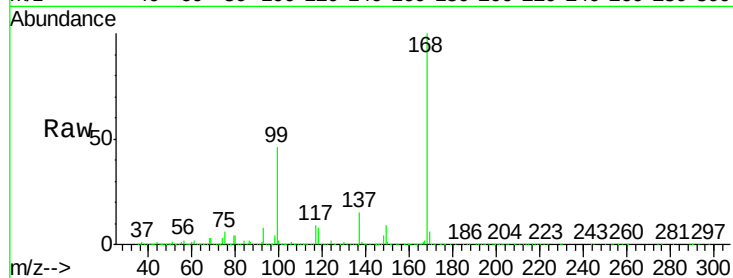
T1-H2-(2.5)

Tot Ion:168 Resp: 411028

Ion Ratio Lower Upper

168 100

99 46.3 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

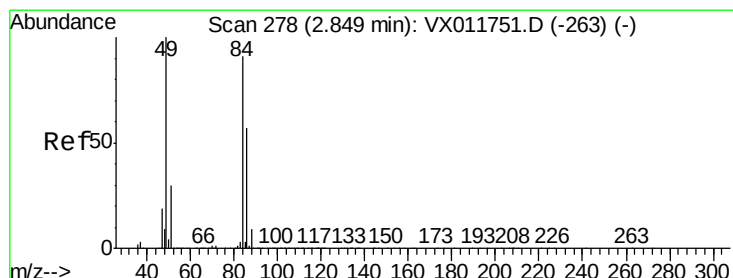
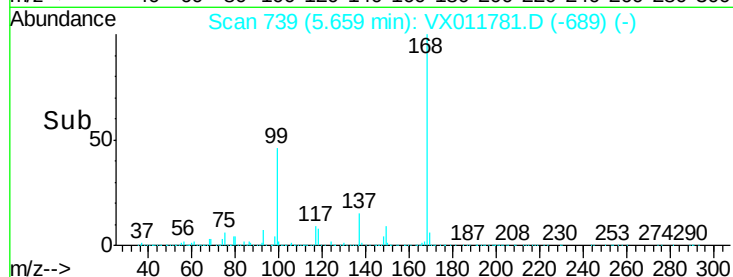
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 2.083 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.00 min

Lab File: VX011781.D

Acq: 22 Aug 2019 22:47

Tgt Ion: 84 Resp: 7649

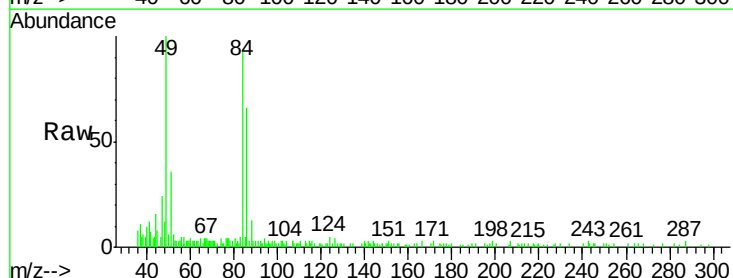
Ion Ratio Lower Upper

84 100

49 103.6 88.3 132.5

51 34.2 26.2 39.2

86 68.3 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

2.85

6000

5000

4000

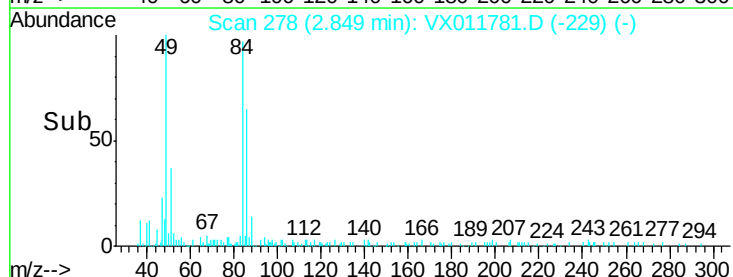
3000

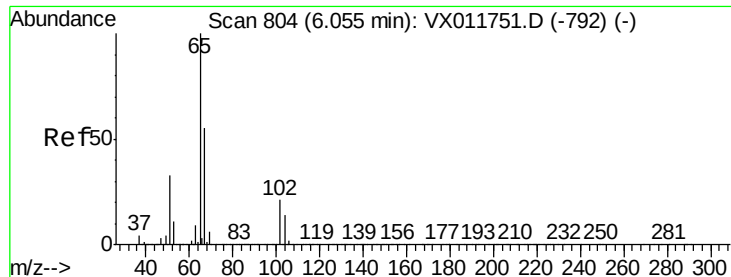
2000

1000

0

Time--> 2.75 2.80 2.85 2.90 2.95

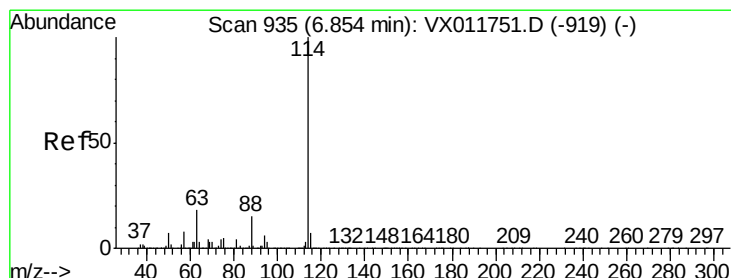
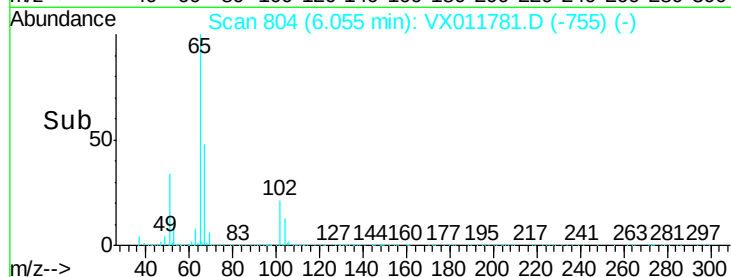
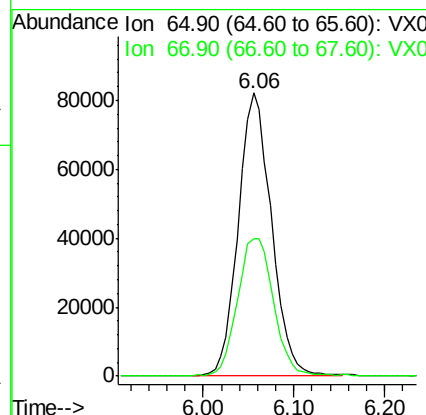
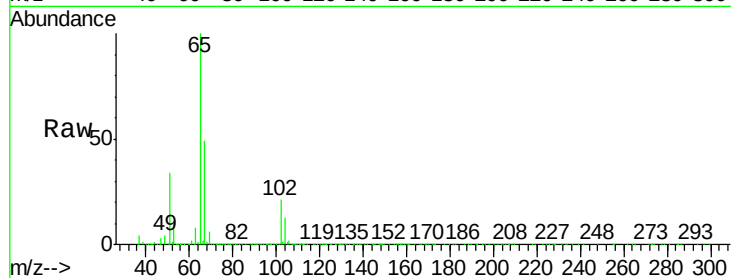




#33
 1,2-Dichloroethane-d4
 Concen: 50.177 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011781.D
 Acq: 22 Aug 2019 22:47

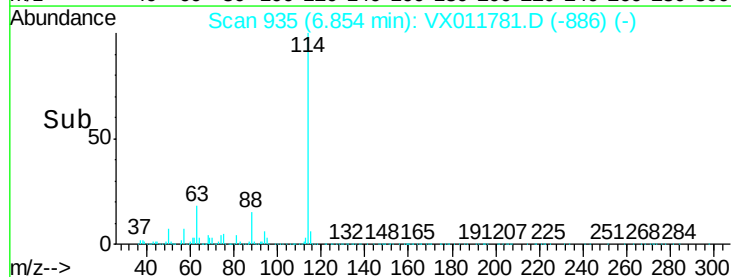
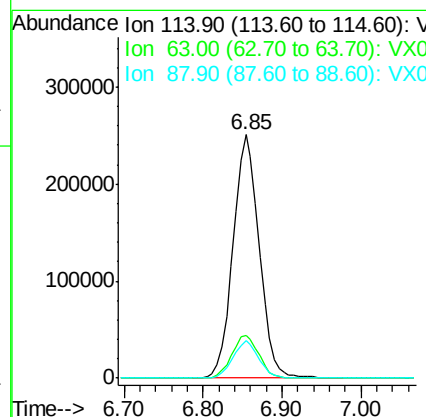
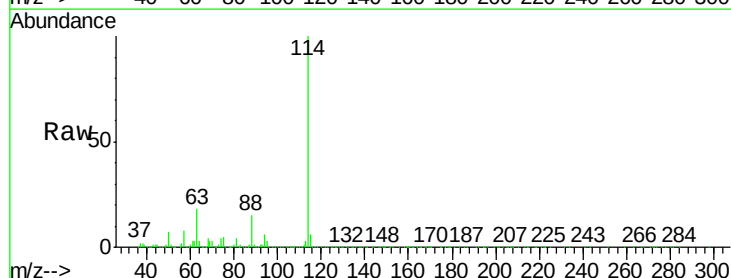
Instrument :
 MSVOA_X
 ClientSampleId :
 T1-H2-(2.5)

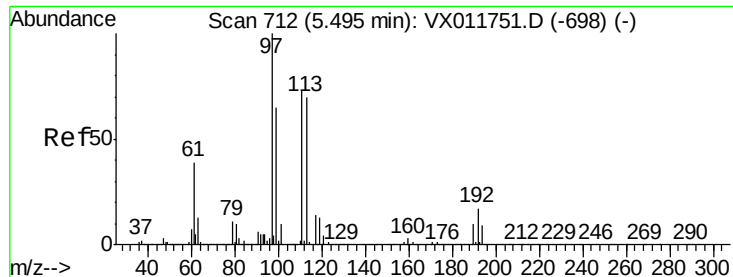
Tot Ion: 65 Resp: 207181
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011781.D
 Acq: 22 Aug 2019 22:47

Tgt Ion: 114 Resp: 576770
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.8
 88 15.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.911 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011781.D

Acq: 22 Aug 2019 22:47

Instrument :

MSVOA_X

ClientSampled :

T1-H2-(2.5)

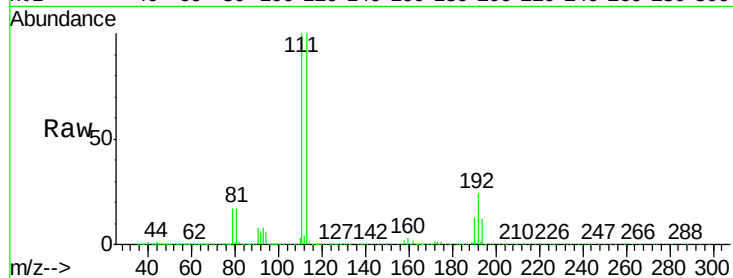
Tot Ion:113 Resp: 178691

Ion Ratio Lower Upper

113 100

111 100.4 81.0 121.4

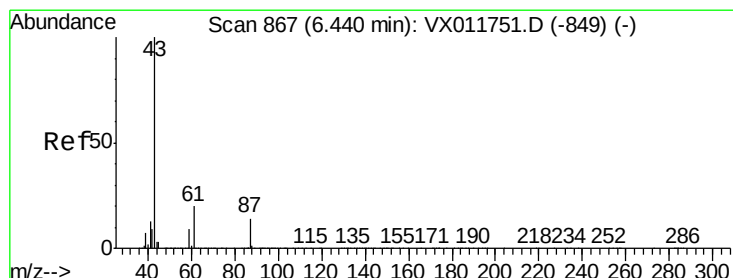
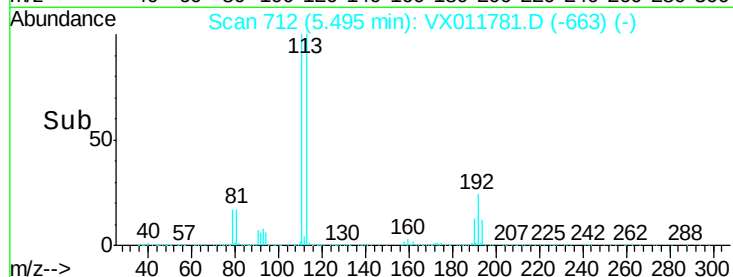
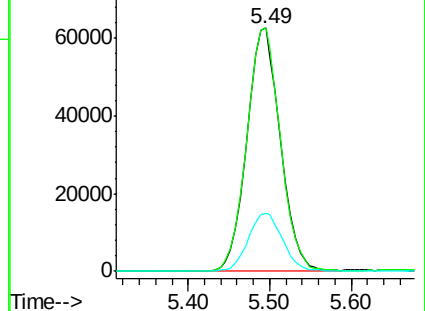
192 24.7 19.9 29.9



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: 8.117 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011781.D

Acq: 22 Aug 2019 22:47

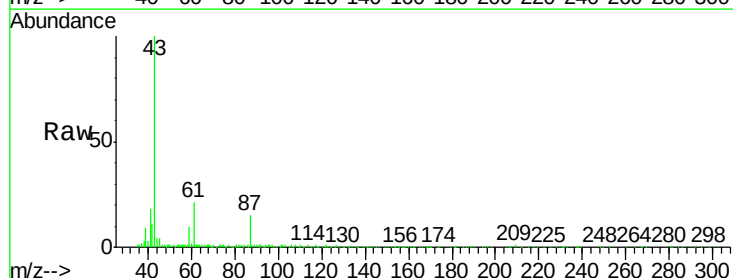
Tgt Ion: 43 Resp: 62881

Ion Ratio Lower Upper

43 100

61 20.6 16.2 24.2

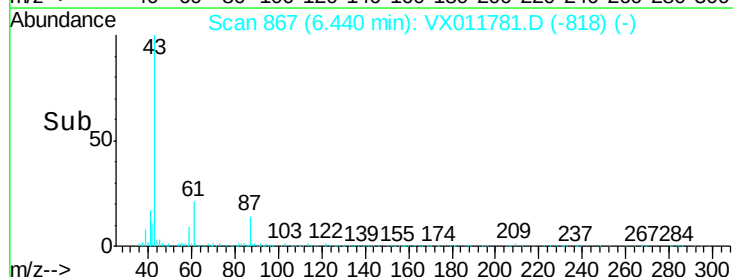
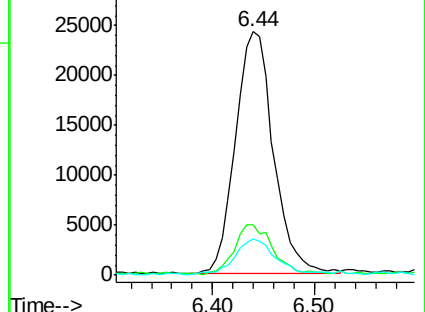
87 15.3 11.6 17.4

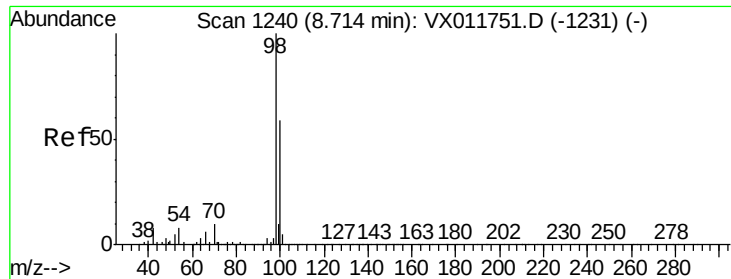


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 51.081 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011781.D

Acq: 22 Aug 2019 22:47

Instrument :

MSVOA_X

ClientSampleId :

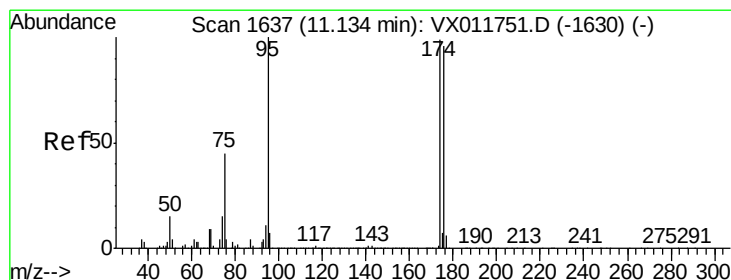
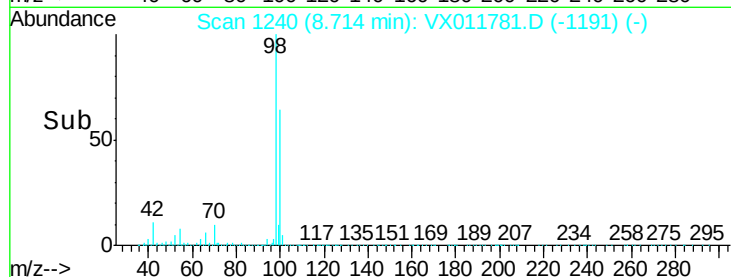
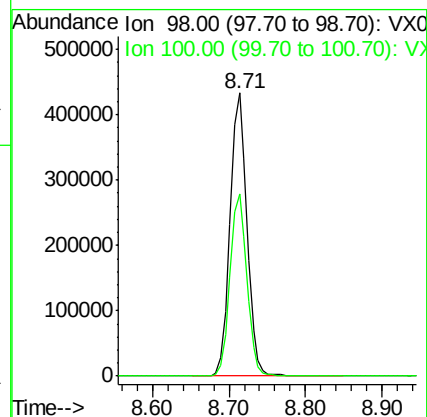
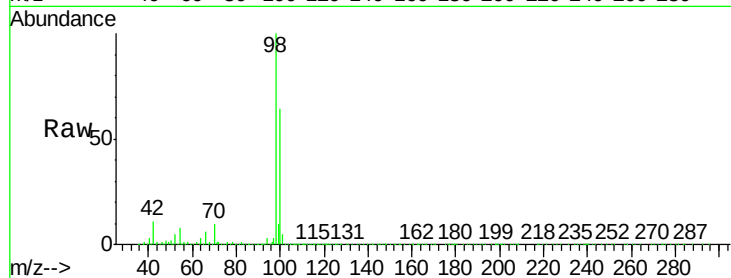
T1-H2-(2.5)

Tot Ion: 98 Resp: 664511

Ion Ratio Lower Upper

98 100

100 64.3 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 44.444 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011781.D

Acq: 22 Aug 2019 22:47

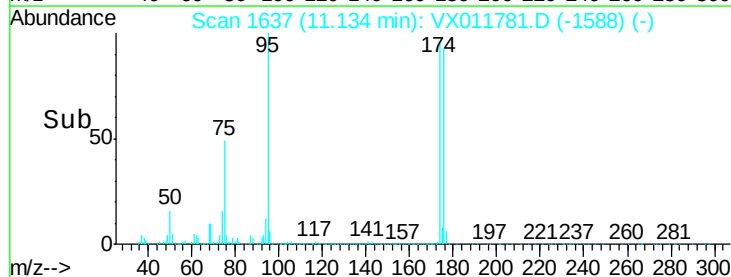
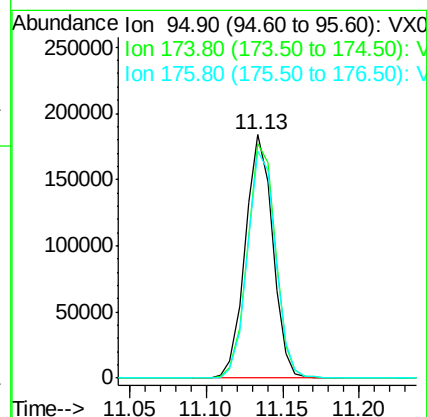
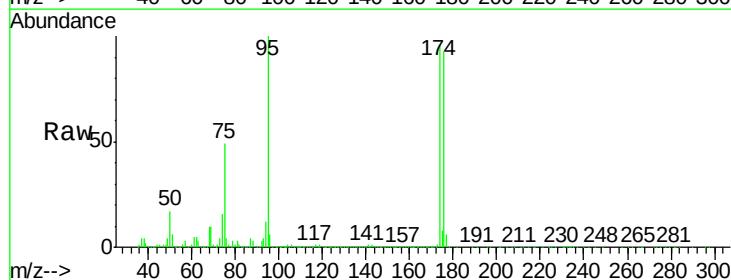
Tgt Ion: 95 Resp: 228526

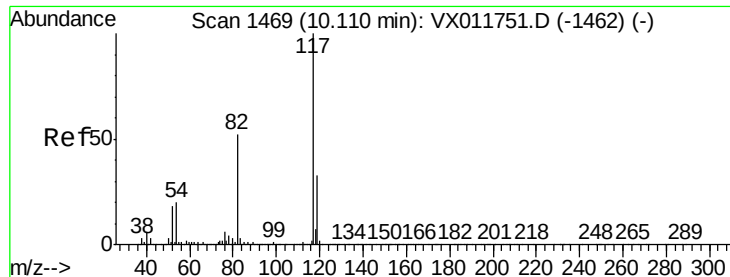
Ion Ratio Lower Upper

95 100

174 98.7 0.0 197.4

176 95.6 0.0 194.4

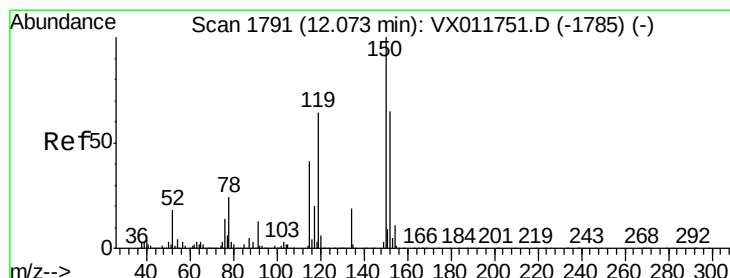
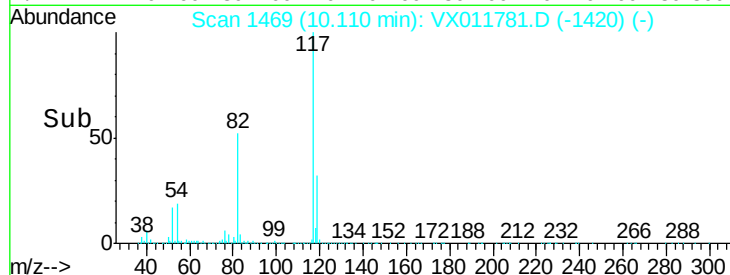
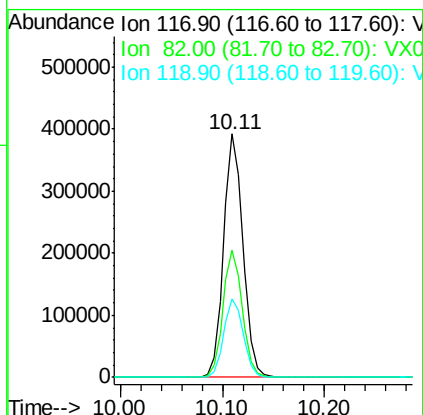
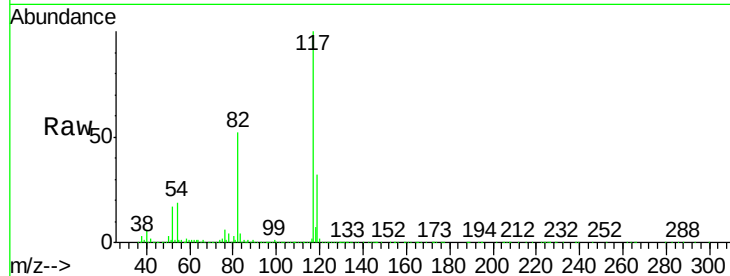




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011781.D
Acq: 22 Aug 2019 22:47

Instrument :
MSVOA_X
ClientSampled :
T1-H2-(2.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.7	62.5
119	32.1	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: VX011781.D
Acq: 22 Aug 2019 22:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	37.3	111.8
150	156.8	0.0	343.0

