

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082419\
 Data File : VX011835.D
 Acq On : 24 Aug 2019 21:43
 Operator : JC/SP
 Sample : K4474-36
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-2-K4-(0)

Quant Time: Aug 26 04:53:34 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

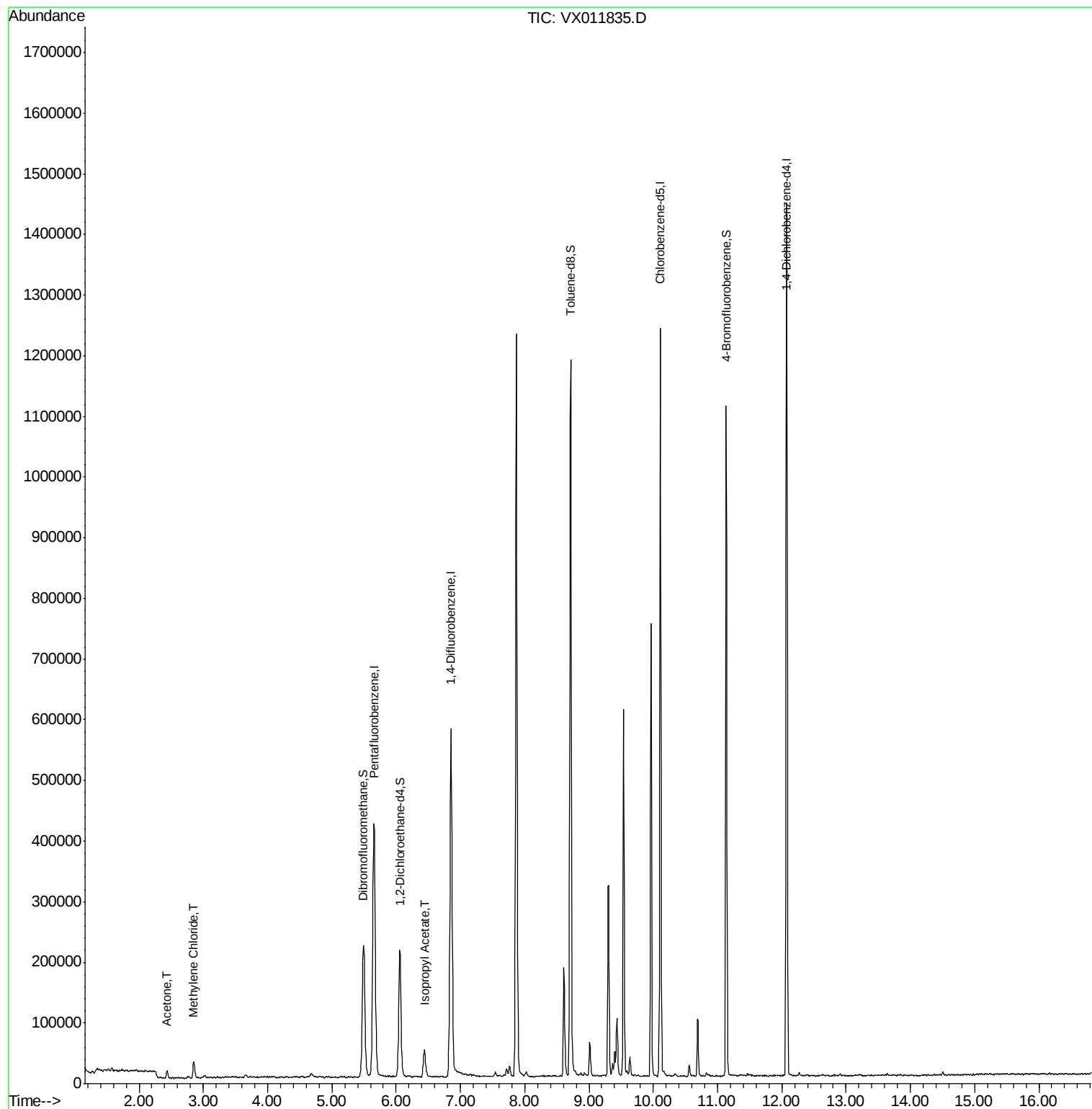
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	469184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	633565	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	599552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	330643	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	201264	42.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.40%	
35) Dibromofluoromethane	5.49	113	184945	45.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.28%	
50) Toluene-d8	8.71	98	735876	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	11.13	95	271004	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
Target Compounds						
16) Acetone	2.43	43	13251	6.463	ug/l #	89
20) Methylene Chloride	2.85	84	14253	3.400	ug/l	97
43) Isopropyl Acetate	6.44	43	59821	7.030	ug/l	98

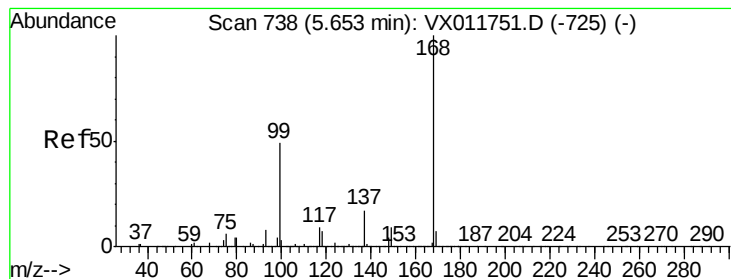
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampled :
T1-2-K4-(0)

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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: VX011835.D

Acq: 24 Aug 2019 21:43

Instrument :

MSVOA_X

ClientSampleId :

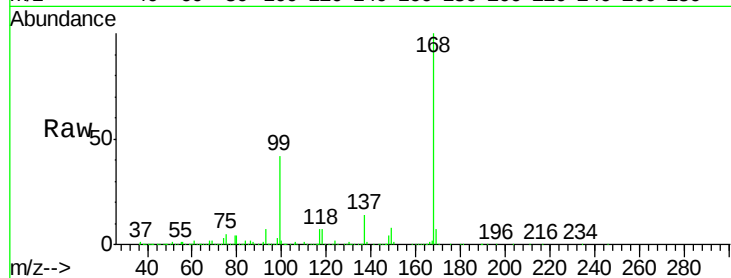
T1-2-K4-(0)

Tot Ion:168 Resp: 469184

Ion Ratio Lower Upper

168 100

99 42.4 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

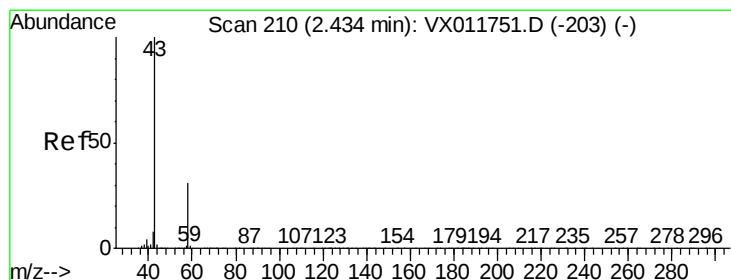
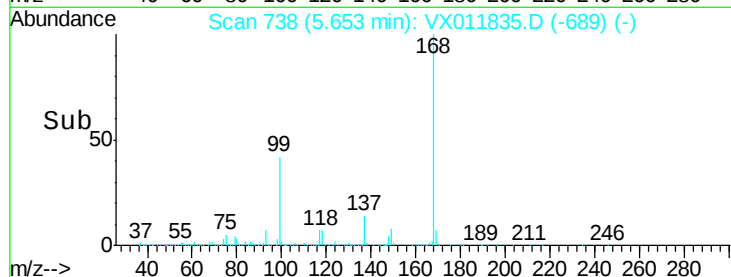
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.463 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011835.D

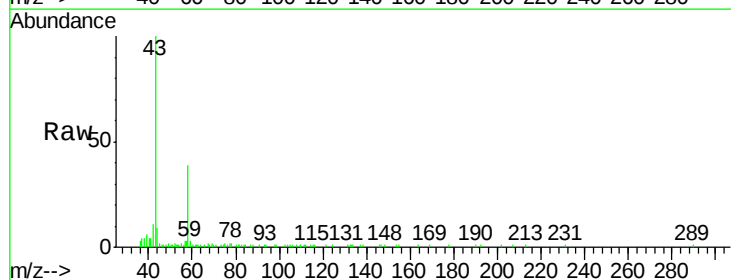
Acq: 24 Aug 2019 21:43

Tgt Ion: 43 Resp: 13251

Ion Ratio Lower Upper

43 100

58 36.7 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

8000

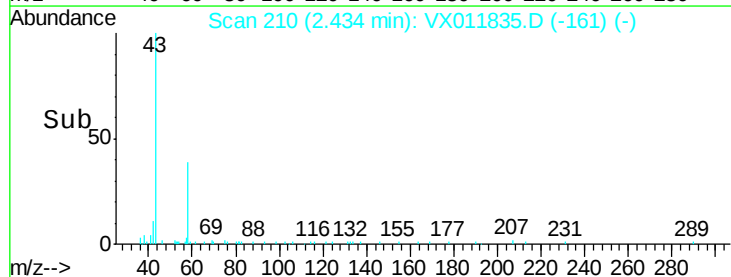
6000

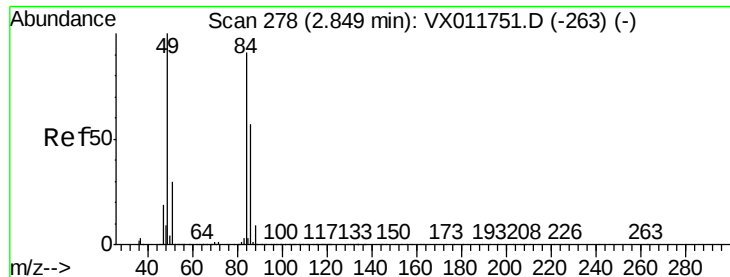
4000

2000

0

Time--> 2.30 2.35 2.40 2.45 2.50

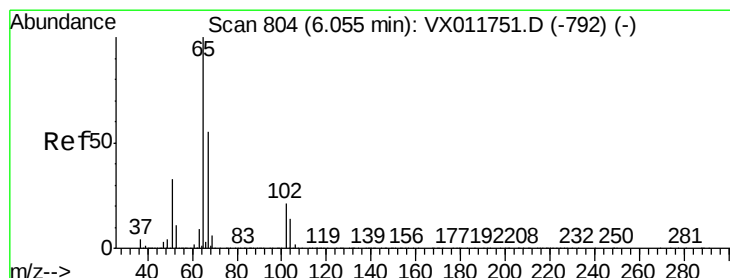
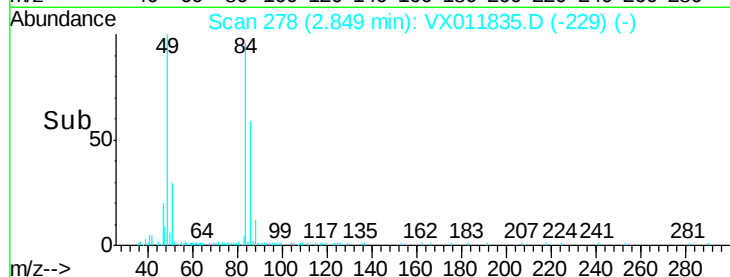
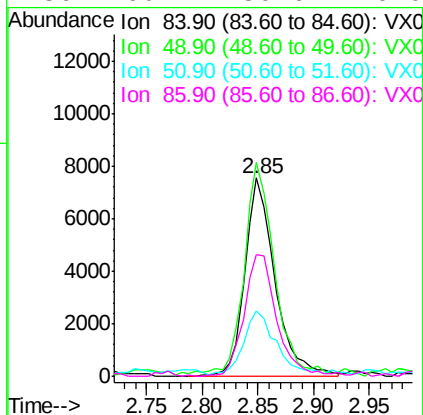
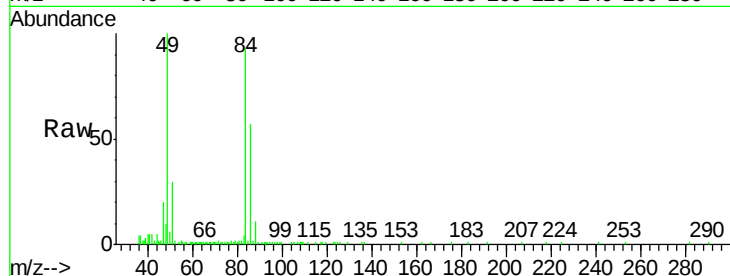




#20
Methvlene Chloride
Concen: 3.400 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011835.D
Acq: 24 Aug 2019 21:43

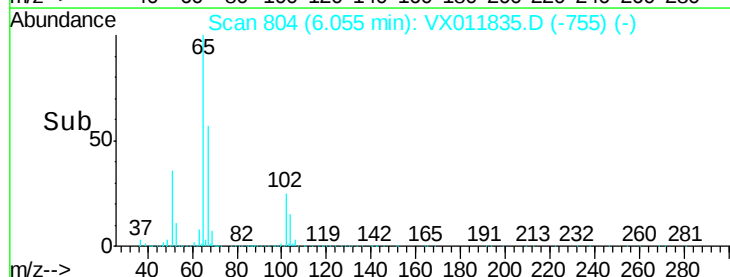
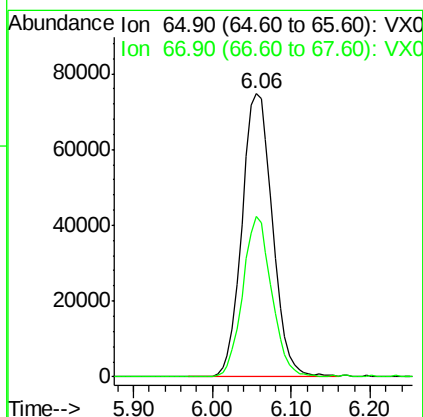
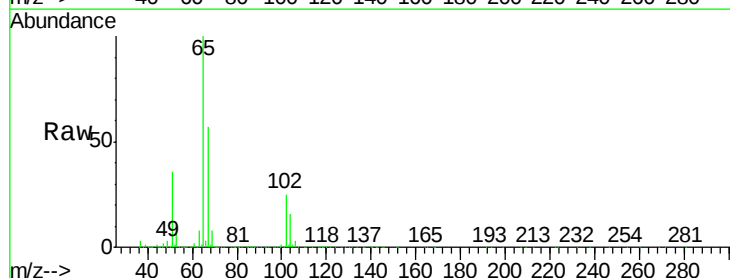
Instrument :
MSVOA_X
ClientSampleId :
T1-2-K4-(0)

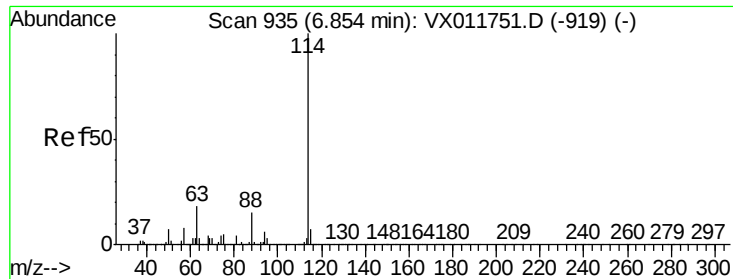
Tot Ion: 84 Resp: 14253
Ion Ratio Lower Upper
84 100
49 106.7 88.3 132.5
51 31.0 26.2 39.2
86 60.4 50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 42.702 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011835.D
Acq: 24 Aug 2019 21:43

Tgt Ion: 65 Resp: 201264
Ion Ratio Lower Upper
65 100
67 53.1 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: VX011835.D

Acq: 24 Aug 2019 21:43

Instrument :

MSVOA_X

ClientSampleId :

T1-2-K4-(0)

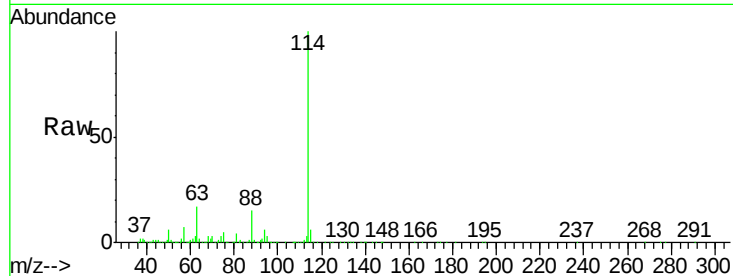
Tot Ion:114 Resp: 633565

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.8

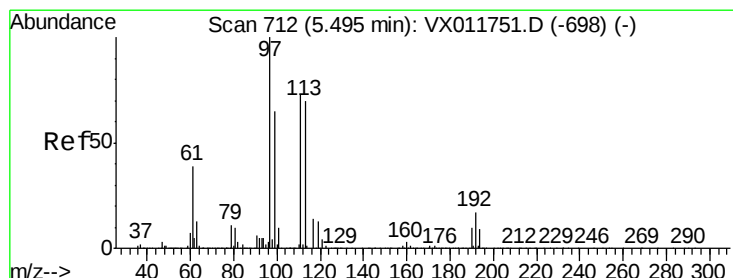
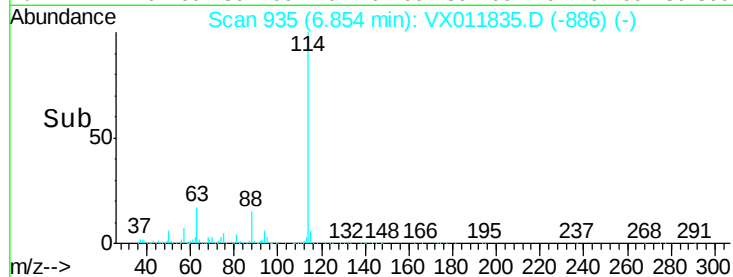
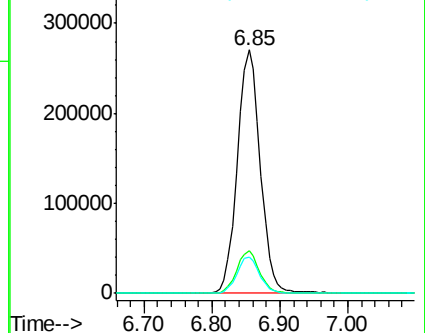
88 14.8 0.0 30.2



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: 45.143 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011835.D

Acq: 24 Aug 2019 21:43

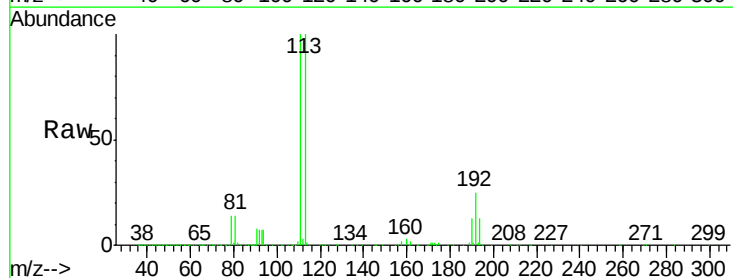
Tgt Ion:113 Resp: 184945

Ion Ratio Lower Upper

113 100

111 102.4 81.0 121.4

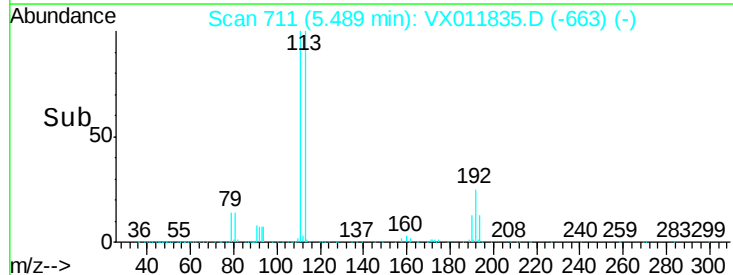
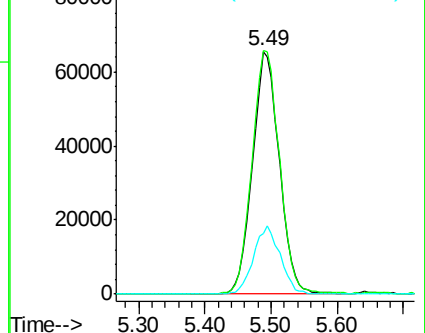
192 28.1 19.9 29.9

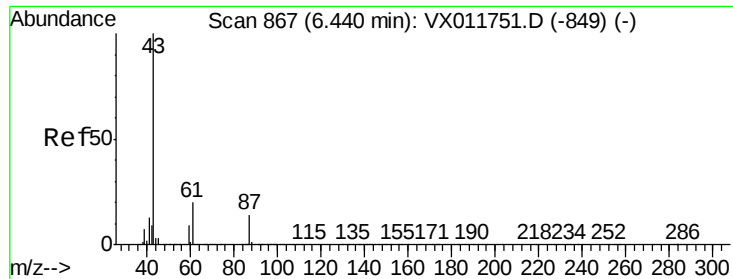


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



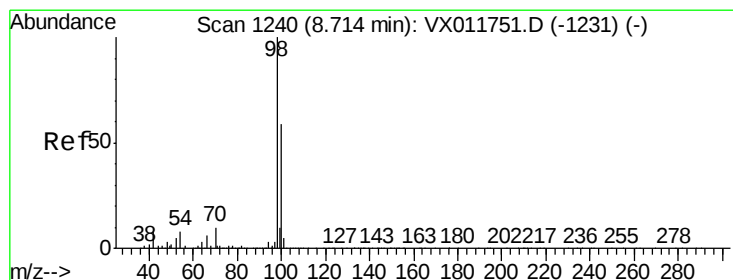
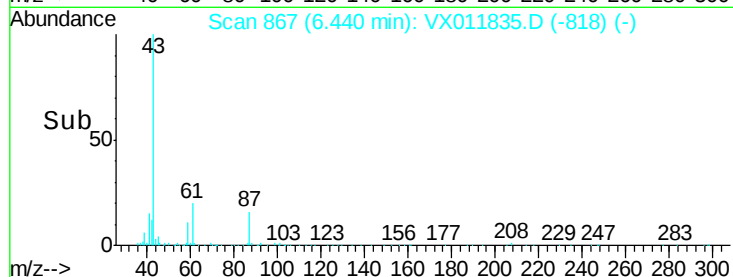
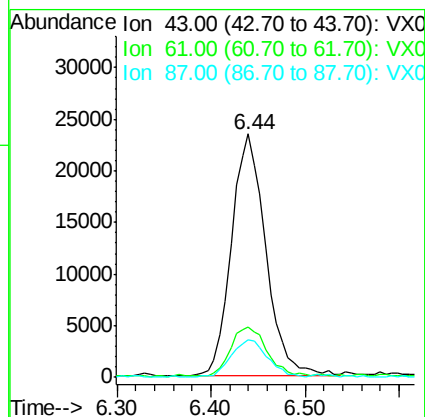
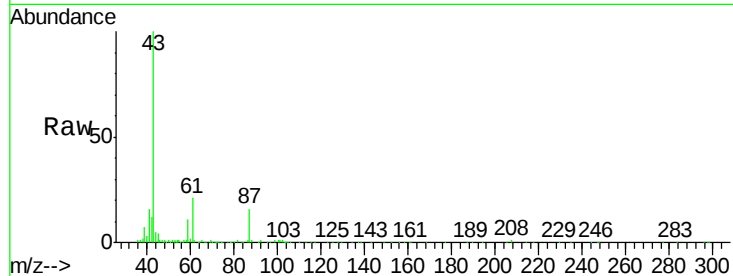


#43

Isopropyl Acetate
 Concen: 7.030 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: VX011835.D
 Acq: 24 Aug 2019 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-2-K4-(0)

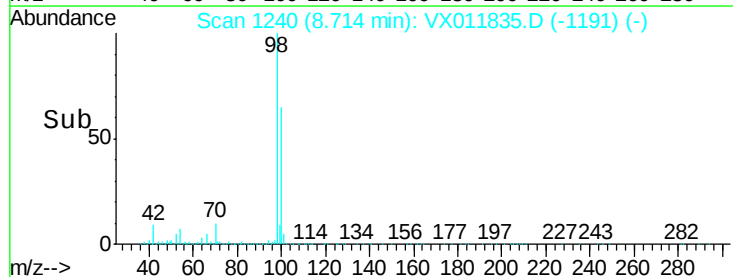
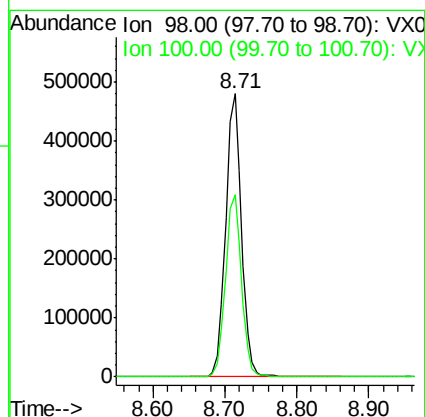
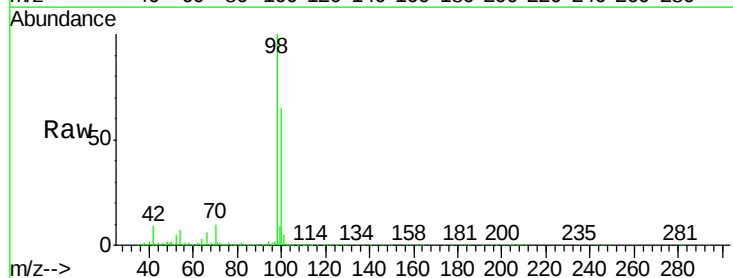
Tot Ion	43	Resp	59821
Ion Ratio	Lower	Upper	
43	100		
61	20.8	16.2	24.2
87	15.8	11.6	17.4

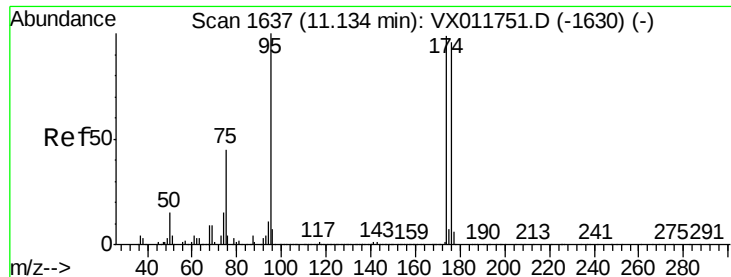


#50

Toluene-d8
 Concen: 51.496 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011835.D
 Acq: 24 Aug 2019 21:43

Tgt Ion	98	Resp	735876
Ion Ratio	Lower	Upper	
98	100		
100	65.1	52.1	78.1





#62

4-Bromofluorobenzene

Concen: 47.980 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011835.D

Acq: 24 Aug 2019 21:43

Instrument :

MSVOA_X

ClientSampleId :

T1-2-K4-(0)

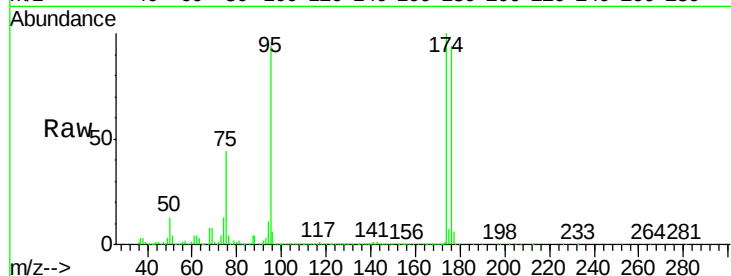
Tot Ion: 95 Resp: 271004

Ion Ratio Lower Upper

95 100

174 105.3 0.0 197.4

176 100.5 0.0 194.4

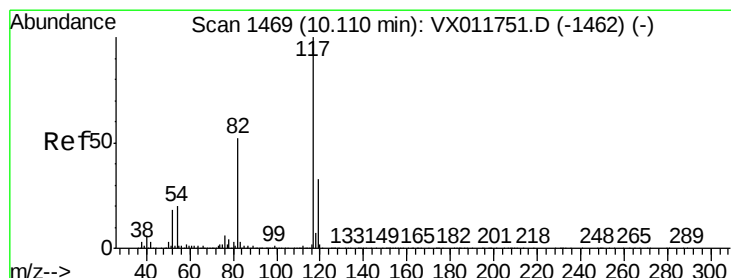
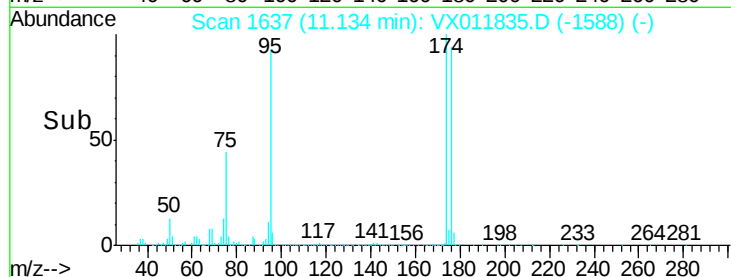


Abundance Ion 94.90 (94.60 to 95.60): VX011751.D (-1630) (-)

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

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

Time--> 11.00 11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011835.D

Acq: 24 Aug 2019 21:43

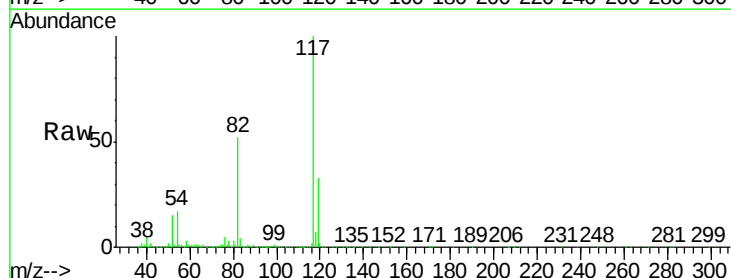
Tgt Ion: 117 Resp: 599552

Ion Ratio Lower Upper

117 100

82 51.5 41.7 62.5

119 32.6 26.2 39.2

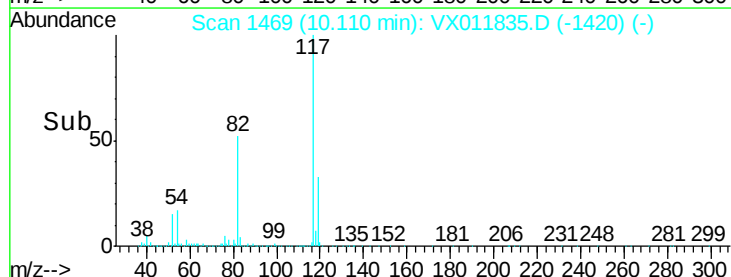


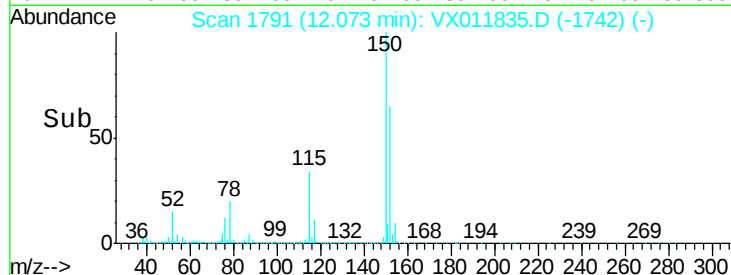
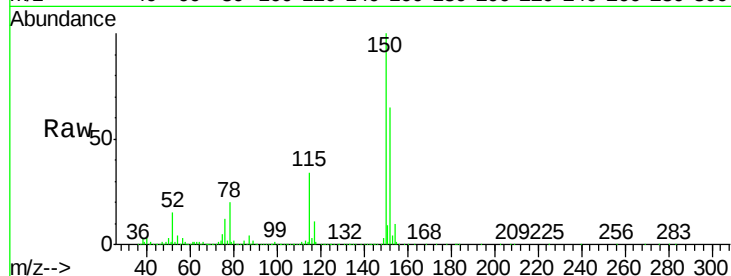
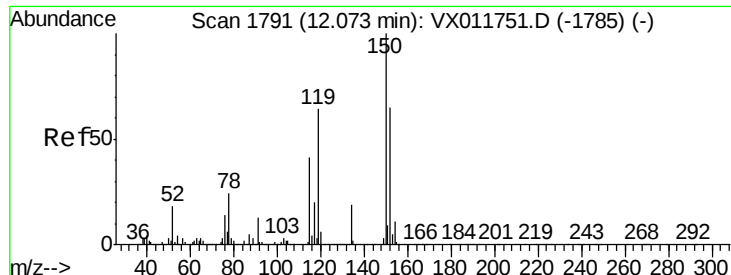
Abundance Ion 116.90 (116.60 to 117.60): VX011751.D (-1462) (-)

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

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

Time--> 10.00 10.10 10.20





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX011835.D
 Acq: 24 Aug 2019 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-2-K4-(0)

Tot Ion	Ratio	Lower	Upper
152	100		
115	51.8	37.3	111.8
150	156.2	0.0	343.0

