

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082419\
 Data File : VX011830.D
 Acq On : 24 Aug 2019 19:46
 Operator : JC/SP
 Sample : K4474-31
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-2-K1-(2.5)

Quant Time: Aug 26 04:46:00 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

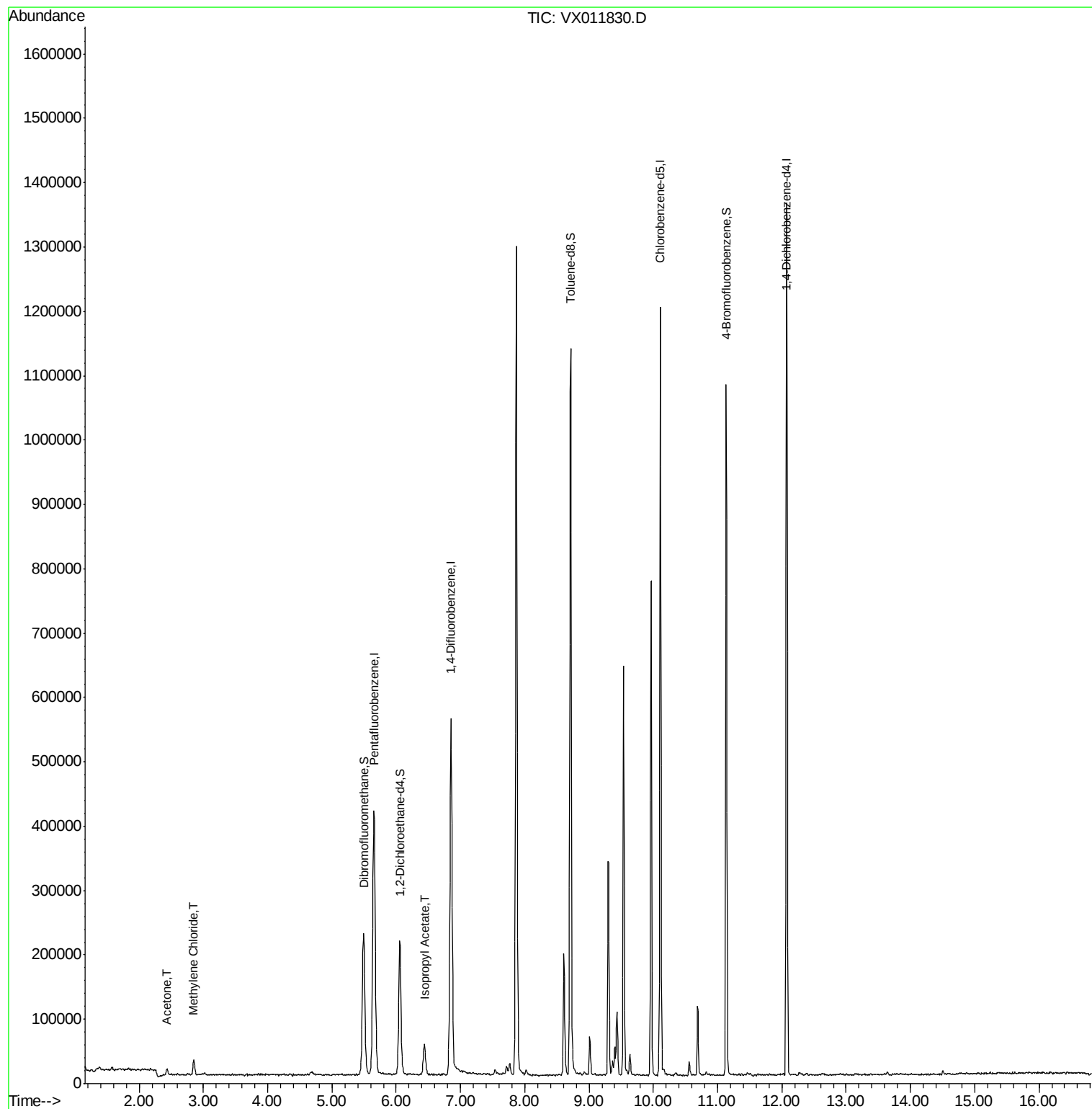
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	455958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	610176	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	581444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	317330	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	201034	43.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.78%	
35) Dibromofluoromethane	5.49	113	183684	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
50) Toluene-d8	8.71	98	706192	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	11.13	95	263619	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
Target Compounds						
16) Acetone	2.43	43	10672	5.356	ug/l	94
20) Methylene Chloride	2.85	84	12702	3.118	ug/l #	93
43) Isopropyl Acetate	6.44	43	64017	7.811	ug/l	97

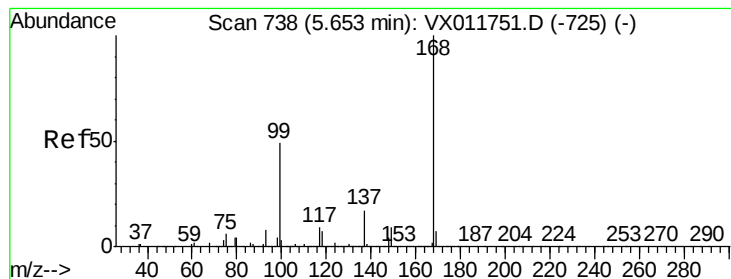
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

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Acq: 24 Aug 2019 19:46

Instrument :

MSVOA_X

ClientSampleId :

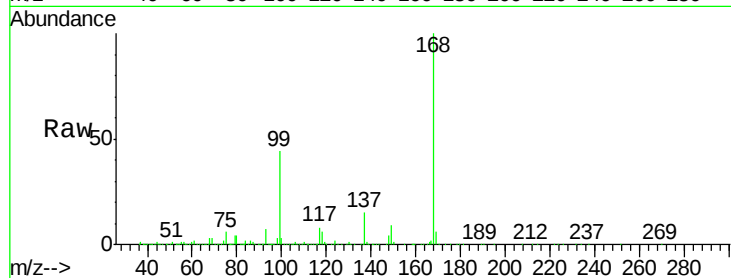
T1-2-K1-(2.5)

Tot Ion:168 Resp: 455958

Ion Ratio Lower Upper

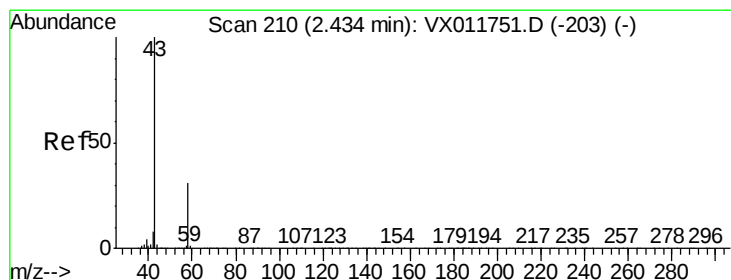
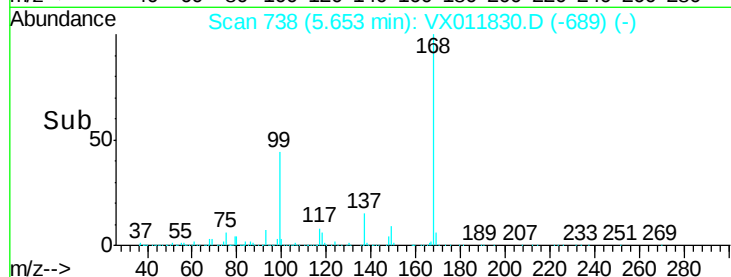
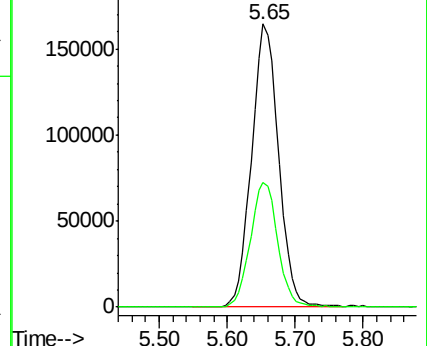
168 100

99 43.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.356 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011830.D

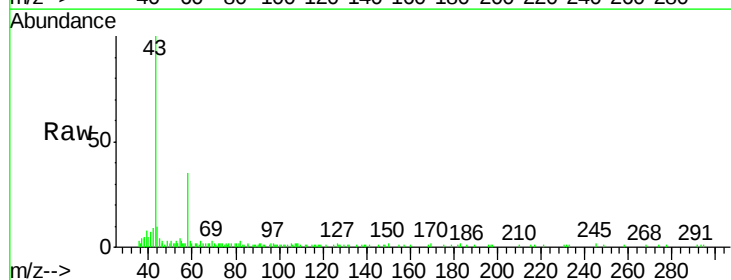
Acq: 24 Aug 2019 19:46

Tgt Ion: 43 Resp: 10672

Ion Ratio Lower Upper

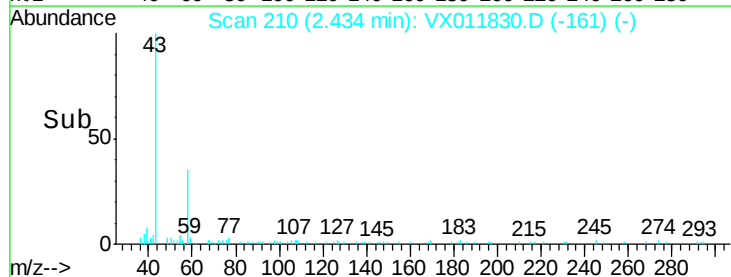
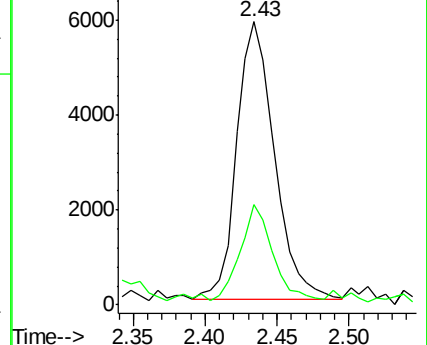
43 100

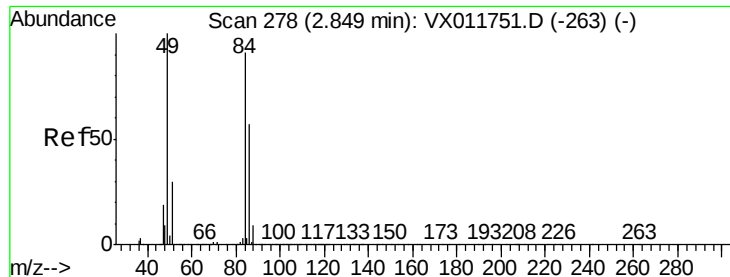
58 33.6 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

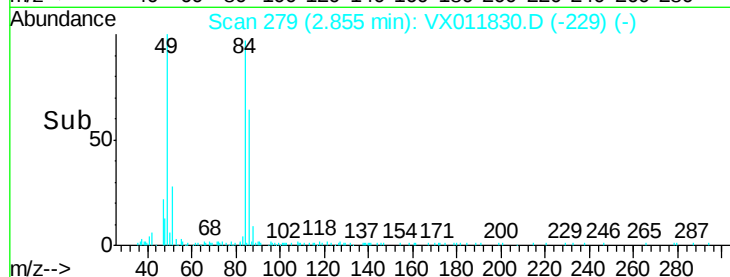
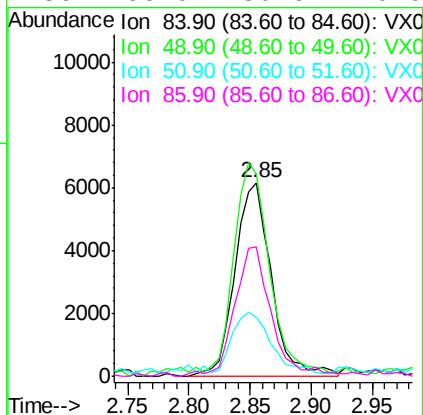
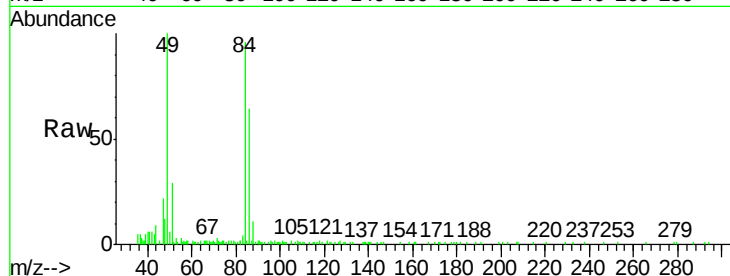




#20
Methvlene Chloride
Concen: 3.118 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX011830.D
Acq: 24 Aug 2019 19:46

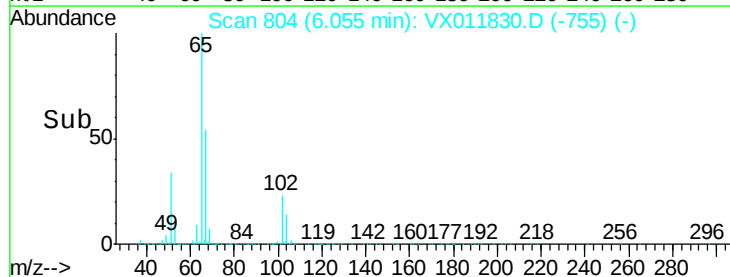
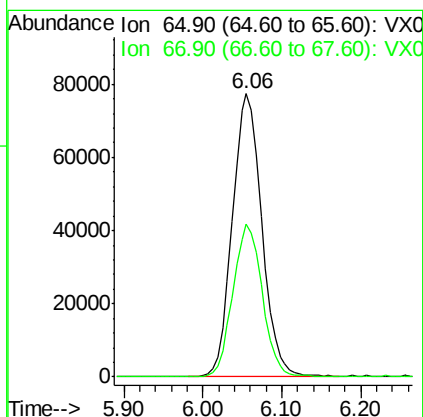
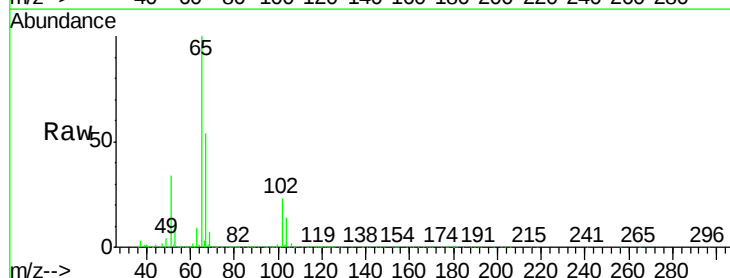
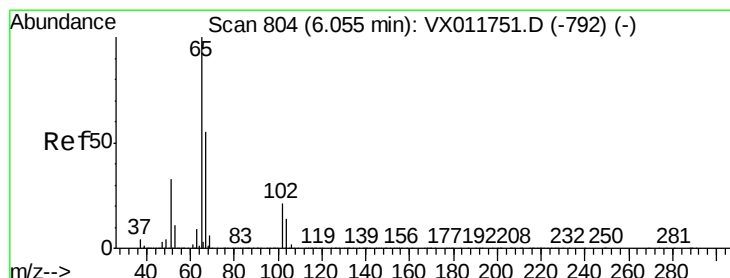
Instrument :
MSVOA_X
ClientSampleId :
T1-2-K1-(2.5)

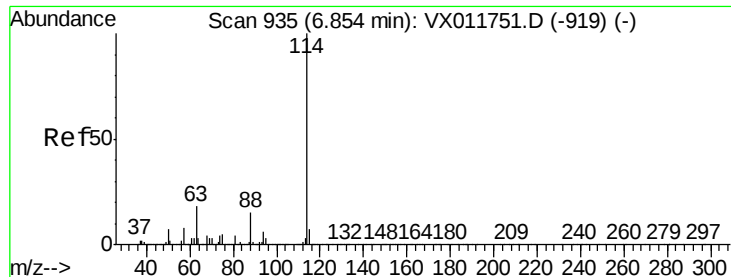
Tot Ion: 84 Resp: 12702
Ion Ratio Lower Upper
84 100
49 102.4 88.3 132.5
51 25.9 26.2 39.2#
86 66.0 50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 43.890 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011830.D
Acq: 24 Aug 2019 19:46

Tgt Ion: 65 Resp: 201034
Ion Ratio Lower Upper
65 100
67 53.4 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: VX011830.D

Acq: 24 Aug 2019 19:46

Instrument :

MSVOA_X

ClientSampleId :

T1-2-K1-(2.5)

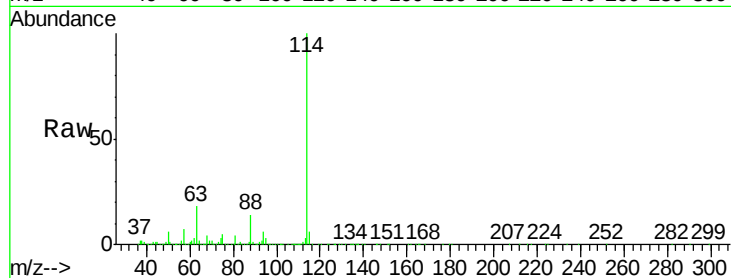
Tot Ion:114 Resp: 610176

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.8

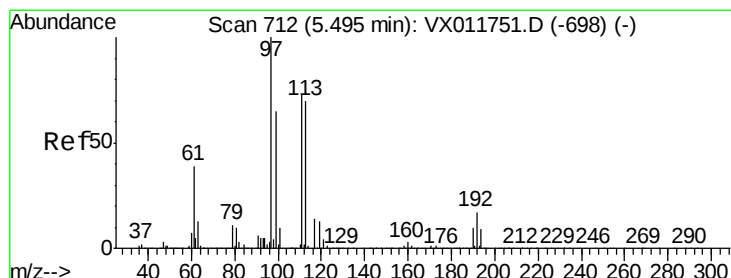
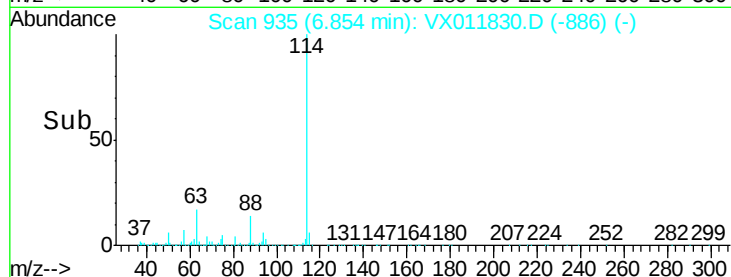
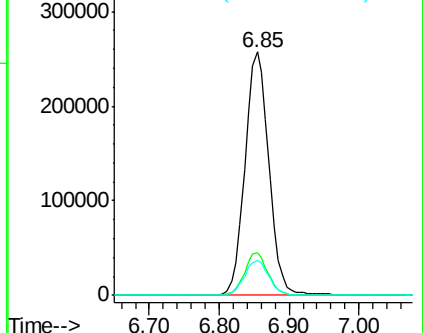
88 14.5 0.0 30.2



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: 46.554 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011830.D

Acq: 24 Aug 2019 19:46

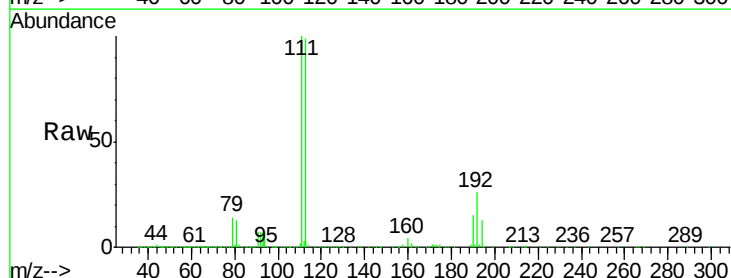
Tgt Ion:113 Resp: 183684

Ion Ratio Lower Upper

113 100

111 101.7 81.0 121.4

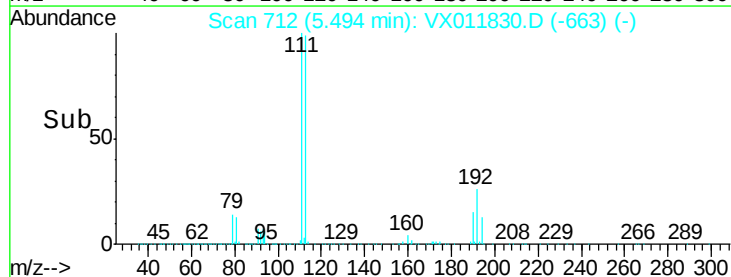
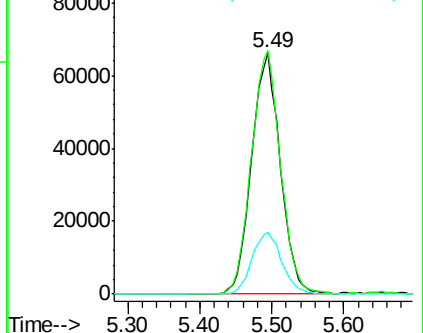
192 26.7 19.9 29.9

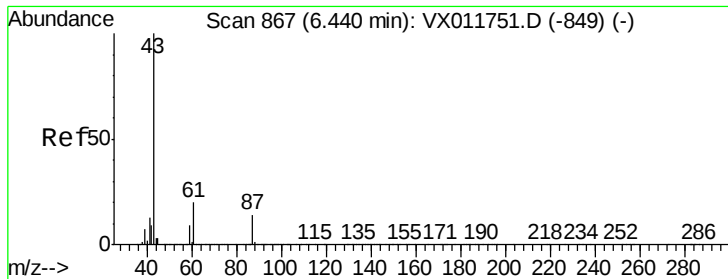


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.811 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011830.D

Acq: 24 Aug 2019 19:46

Instrument :

MSVOA_X

ClientSampleId :

T1-2-K1-(2.5)

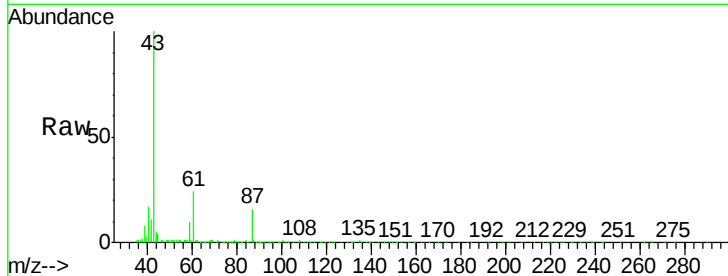
Tot Ion: 43 Resp: 64017

Ion Ratio Lower Upper

43 100

61 21.7 16.2 24.2

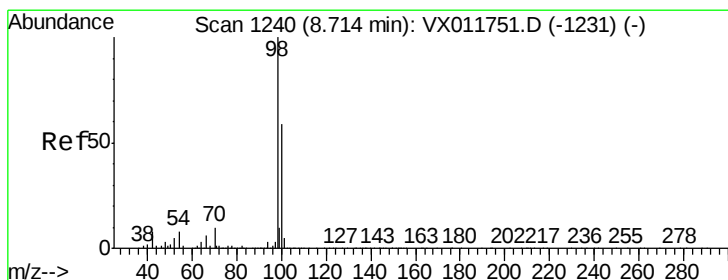
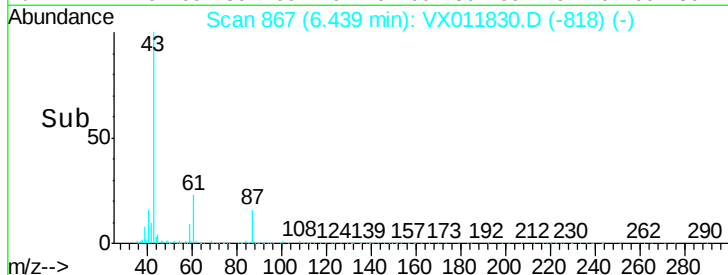
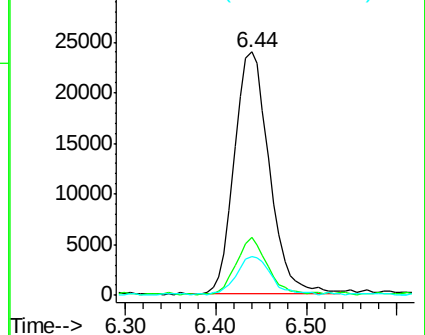
87 15.6 11.6 17.4



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: 51.313 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011830.D

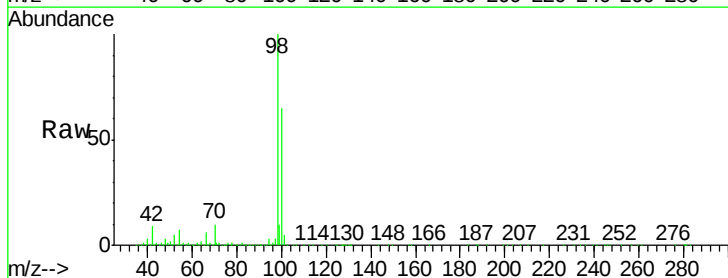
Acq: 24 Aug 2019 19:46

Tgt Ion: 98 Resp: 706192

Ion Ratio Lower Upper

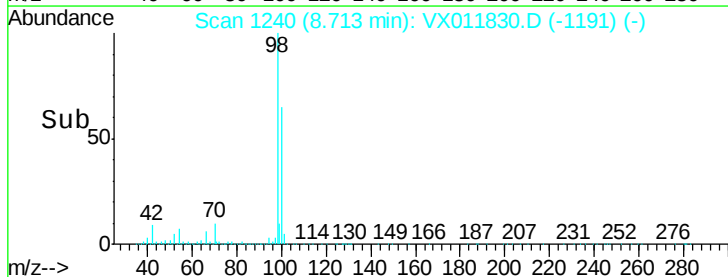
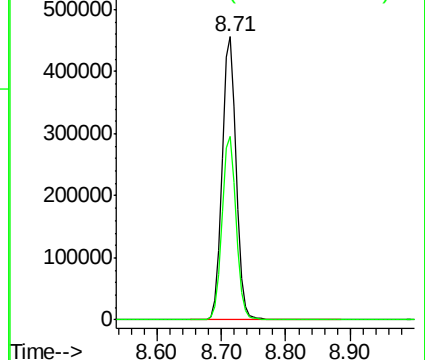
98 100

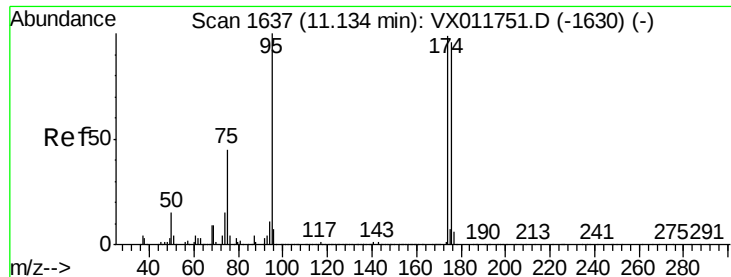
100 65.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.462 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011830.D

Acq: 24 Aug 2019 19:46

Instrument :

MSVOA_X

ClientSampleId :

T1-2-K1-(2.5)

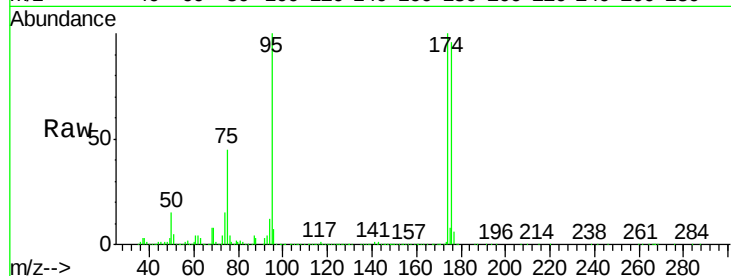
Tot Ion: 95 Resp: 263619

Ion Ratio Lower Upper

95 100

174 102.1 0.0 197.4

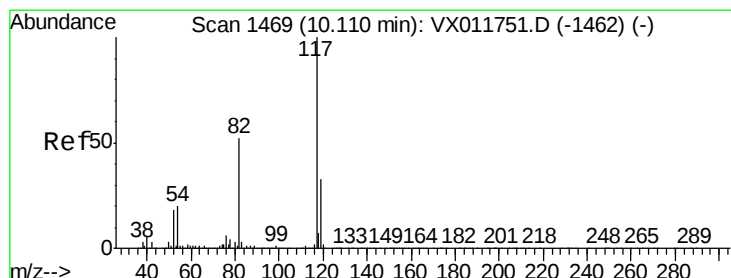
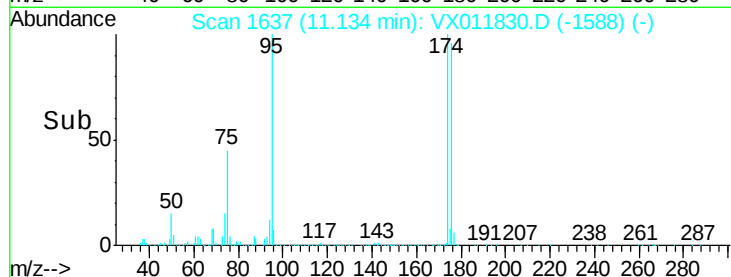
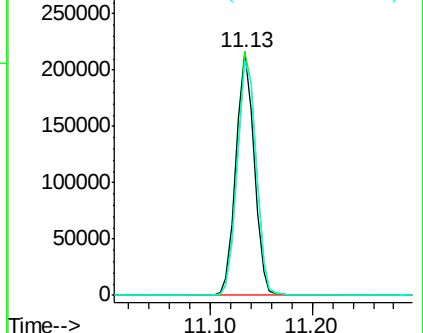
176 100.6 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011830.D

Acq: 24 Aug 2019 19:46

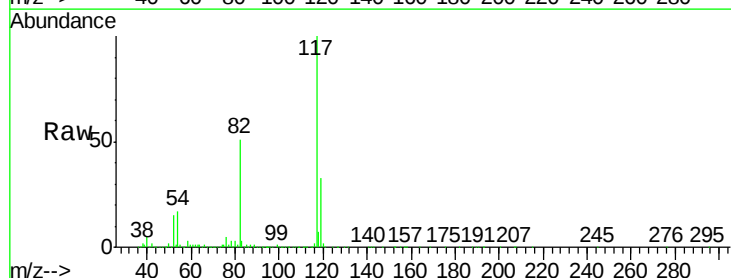
Tgt Ion: 117 Resp: 581444

Ion Ratio Lower Upper

117 100

82 50.8 41.7 62.5

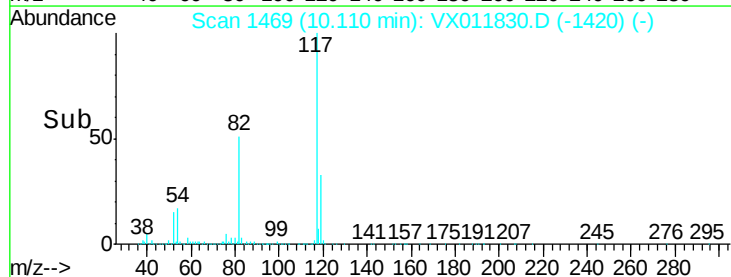
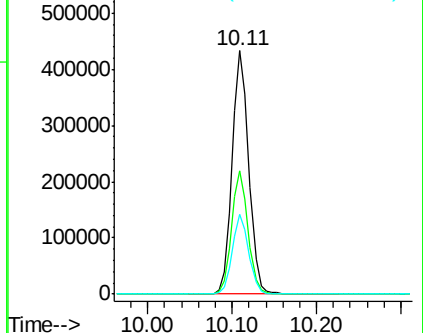
119 32.7 26.2 39.2

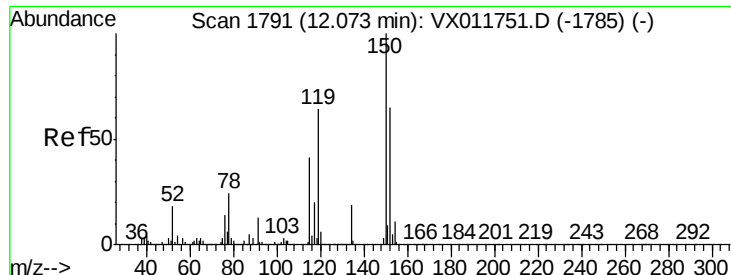


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX011830.D

Acq: 24 Aug 2019 19:46

Instrument :

MSVOA_X

ClientSampleId :

T1-2-K1-(2.5)

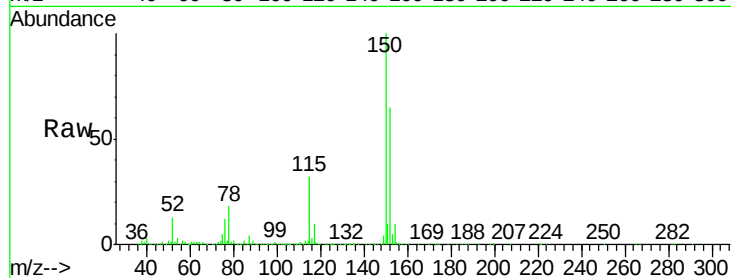
Tot Ion:152 Resp: 317330

Ion Ratio Lower Upper

152 100

115 51.8 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

