

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082419\
 Data File : VX011822.D
 Acq On : 24 Aug 2019 16:39
 Operator : JC/SP
 Sample : K4474-22
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-2-F1-(2.5)

Quant Time: Aug 26 04:33:51 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

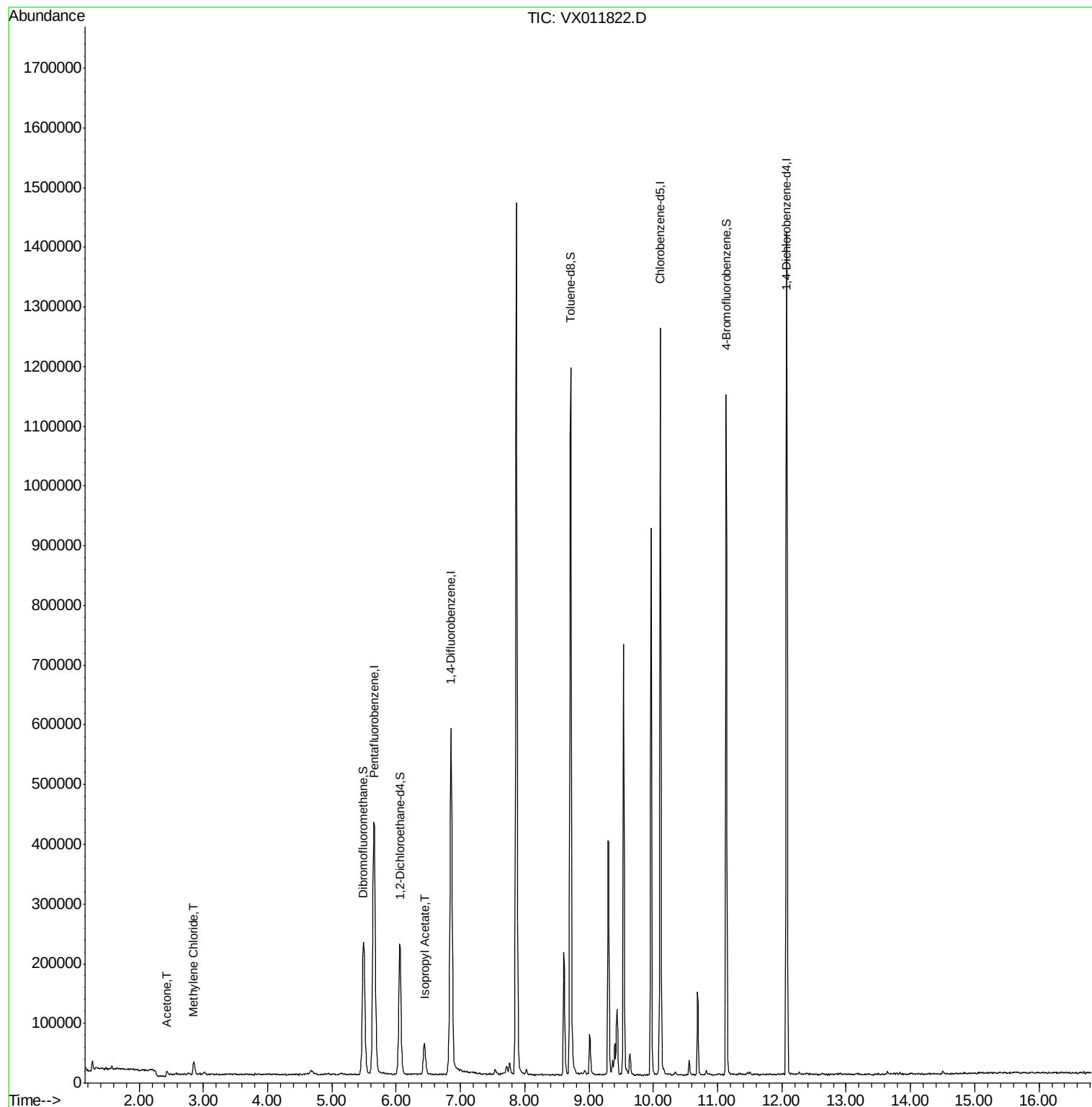
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	470518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	636412	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	598926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	325044	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	212524	44.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.92%	
35) Dibromofluoromethane	5.49	113	189586	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.14%	
50) Toluene-d8	8.71	98	728929	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.13	95	274166	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
Target Compounds						
16) Acetone	2.43	43	11435	5.561	ug/l #	87
20) Methylene Chloride	2.85	84	12087	2.875	ug/l	98
43) Isopropyl Acetate	6.43	43	71474	8.362	ug/l	97

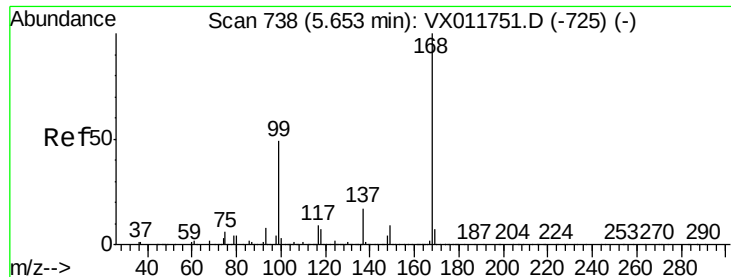
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011822.D

Acq: 24 Aug 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

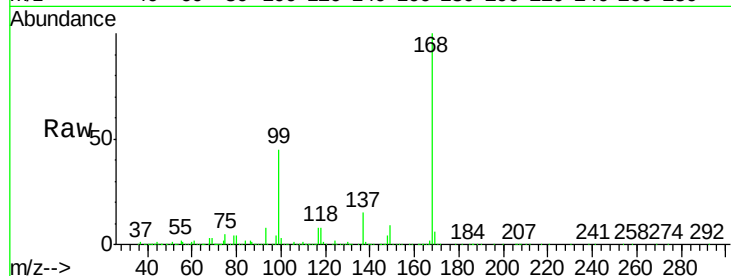
T1-2-F1-(2.5)

Tot Ion:168 Resp: 470518

Ion Ratio Lower Upper

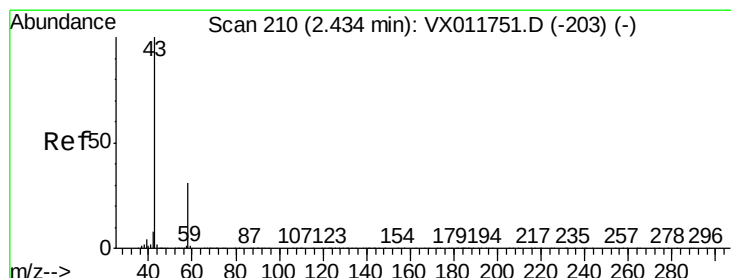
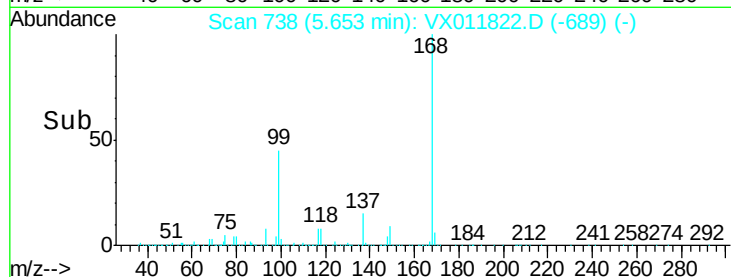
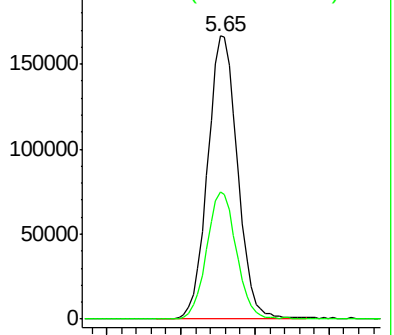
168 100

99 44.6 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: 5.561 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011822.D

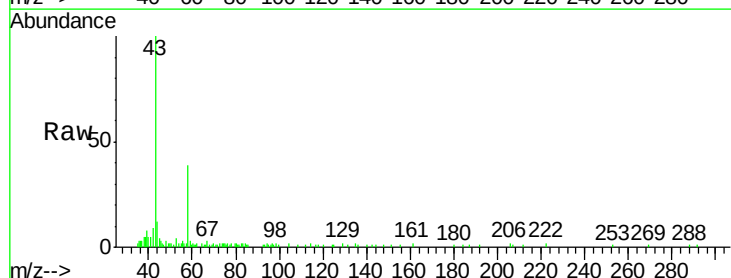
Acq: 24 Aug 2019 16:39

Tgt Ion: 43 Resp: 11435

Ion Ratio Lower Upper

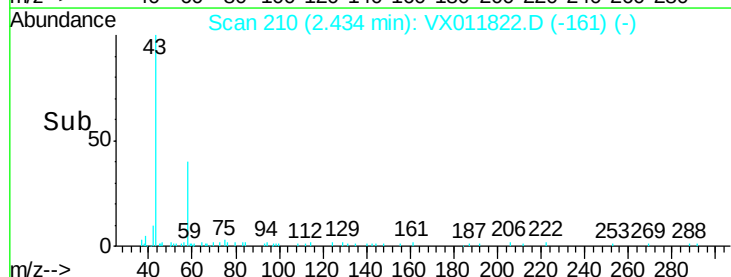
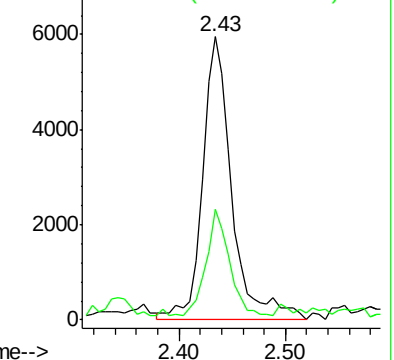
43 100

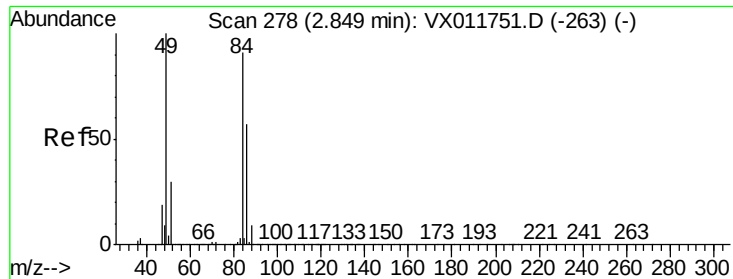
58 37.7 24.4 36.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

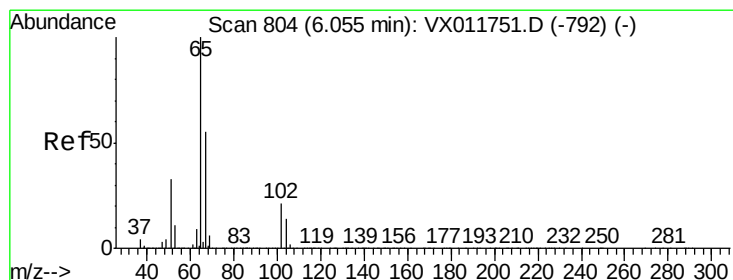
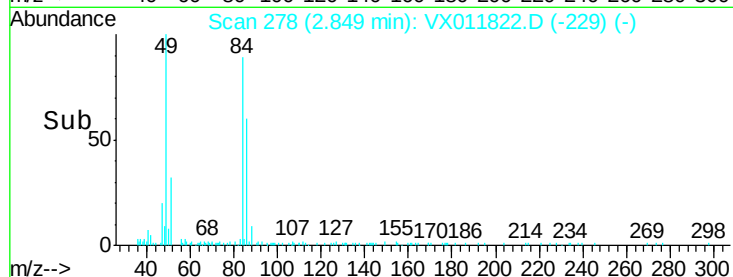
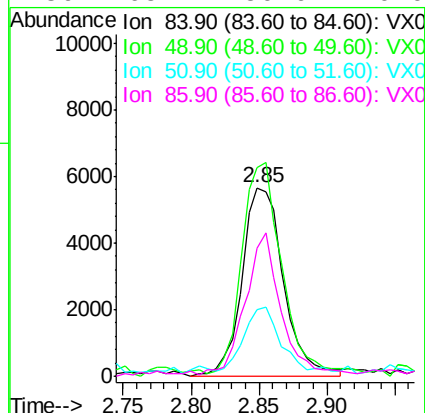
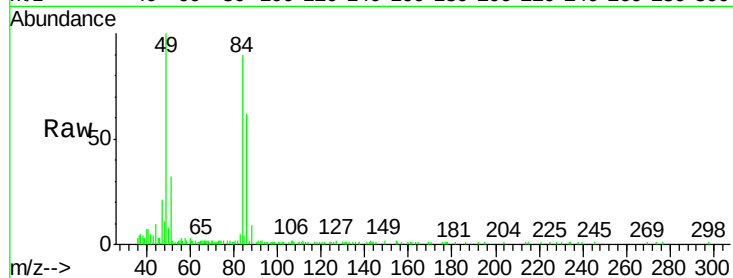




#20
Methylene Chloride
Concen: 2.875 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011822.D
Acq: 24 Aug 2019 16:39

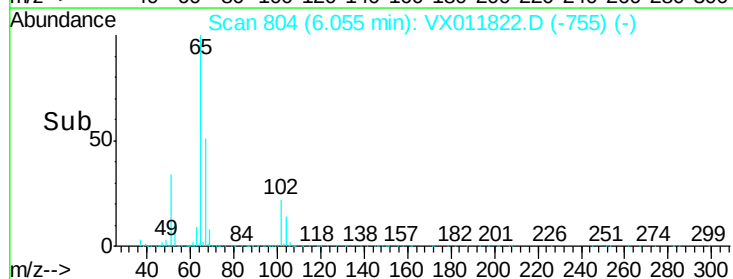
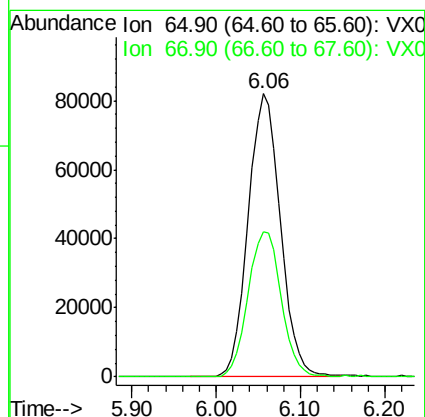
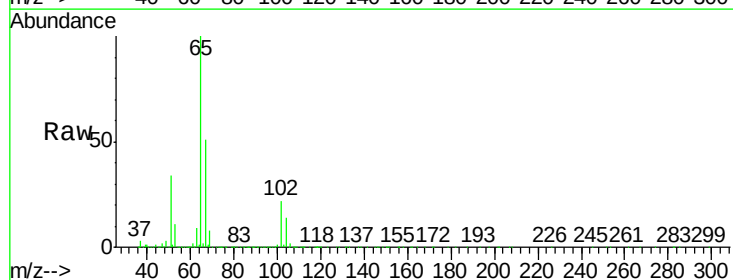
Instrument :
MSVOA_X
ClientSampleId :
T1-2-F1-(2.5)

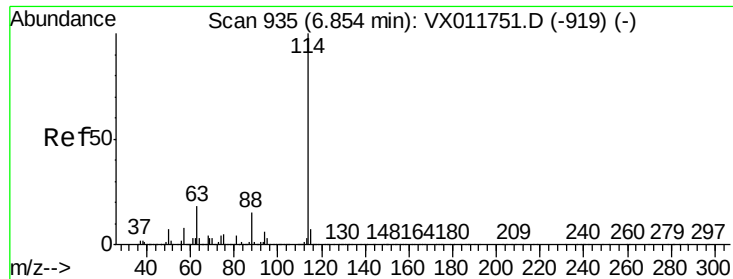
Tot Ion:	84	Resp:	12087
Ion	Ratio	Lower	Upper
84	100		
49	108.1	88.3	132.5
51	32.4	26.2	39.2
86	65.7	50.6	76.0



#33
1,2-Dichloroethane-d4
Concen: 44.963 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011822.D
Acq: 24 Aug 2019 16:39

Tgt Ion:	65	Resp:	212524
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	107.8

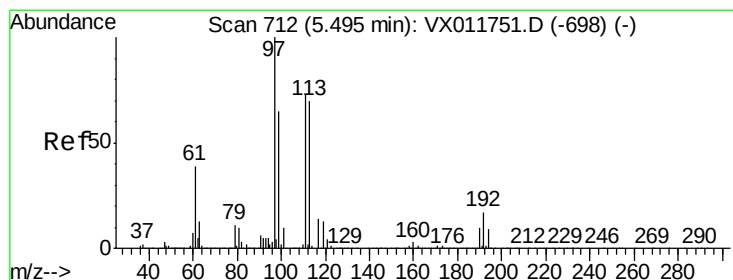
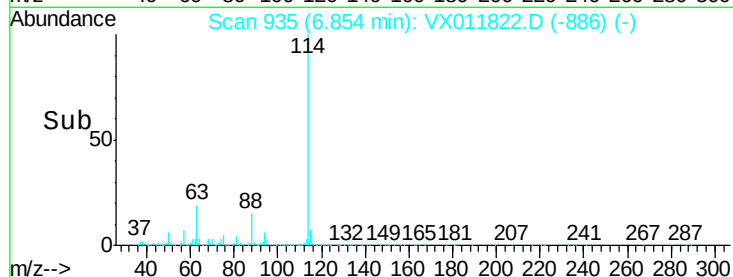
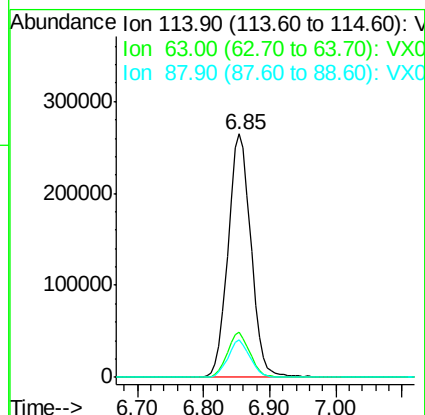
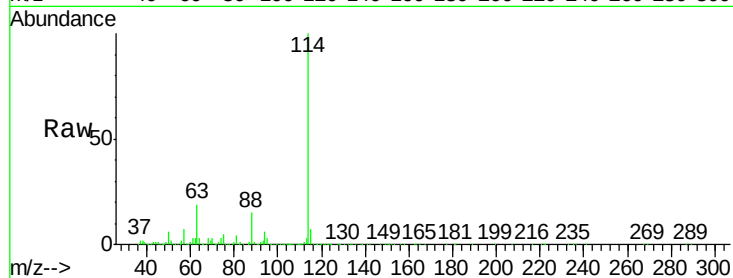




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.00 min
Lab File: VX011822.D
Acq: 24 Aug 2019 16:39

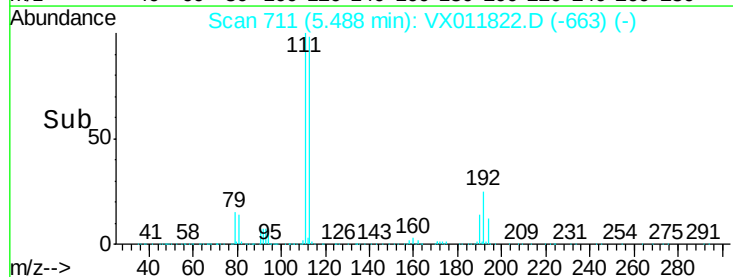
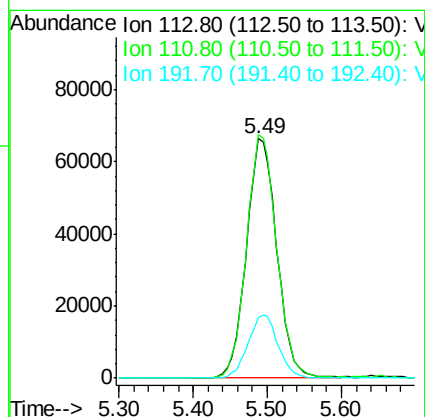
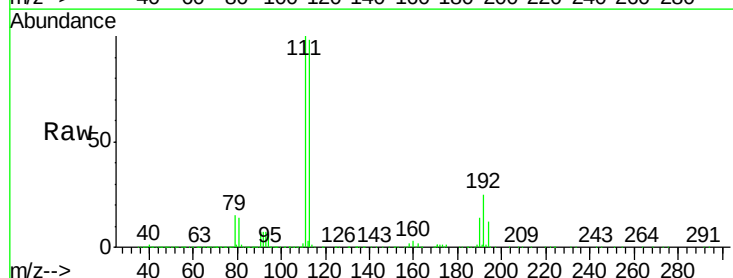
Instrument :
MSVOA_X
ClientSampleId :
T1-2-F1-(2.5)

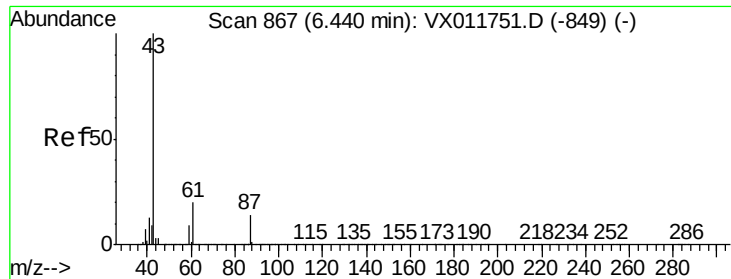
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	36.8
88	15.2	0.0	30.2



#35
Dibromofluoromethane
Concen: 46.069 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011822.D
Acq: 24 Aug 2019 16:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.0	121.4
192	26.3	19.9	29.9





#43

Isopropyl Acetate

Concen: 8.362 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX011822.D

Acq: 24 Aug 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

T1-2-F1-(2.5)

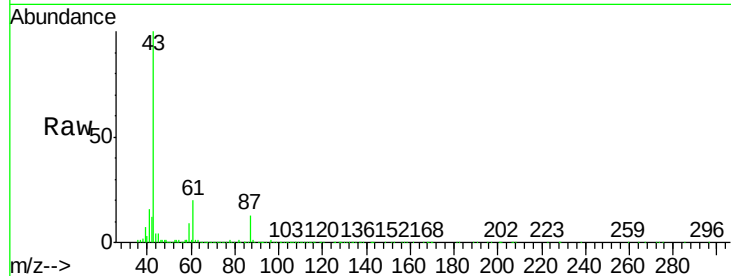
Tot Ion: 43 Resp: 71474

Ion Ratio Lower Upper

43 100

61 22.4 16.2 24.2

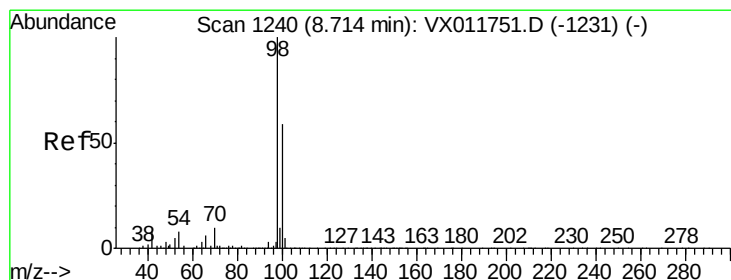
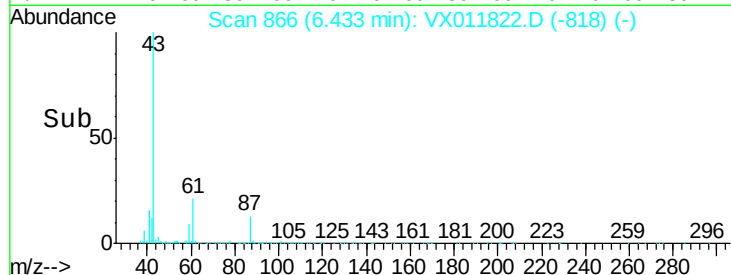
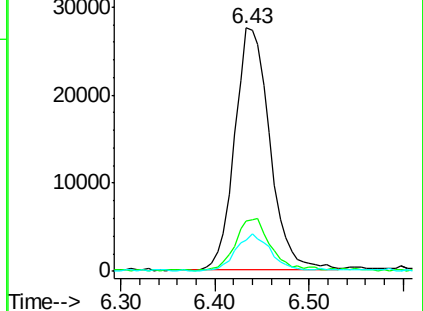
87 15.2 11.6 17.4



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: 50.782 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011822.D

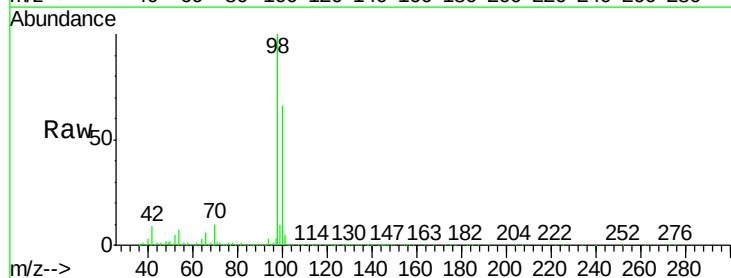
Acq: 24 Aug 2019 16:39

Tgt Ion: 98 Resp: 728929

Ion Ratio Lower Upper

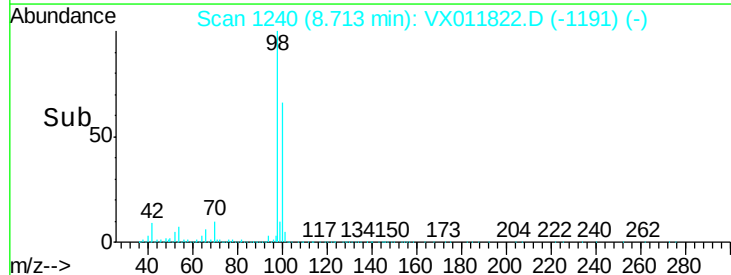
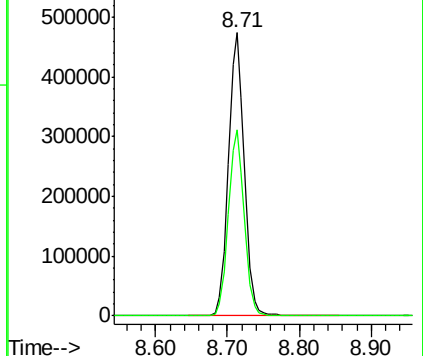
98 100

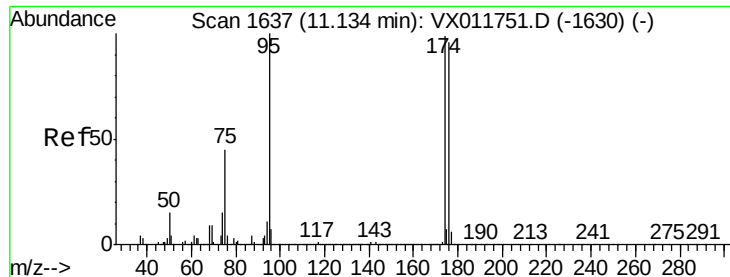
100 65.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.323 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011822.D

Acq: 24 Aug 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

T1-2-F1-(2.5)

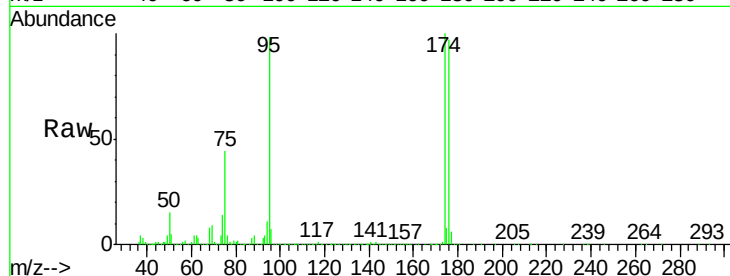
Tot Ion: 95 Resp: 274166

Ion Ratio Lower Upper

95 100

174 103.0 0.0 197.4

176 99.5 0.0 194.4

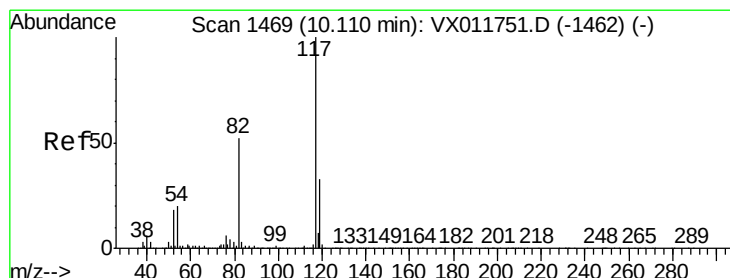
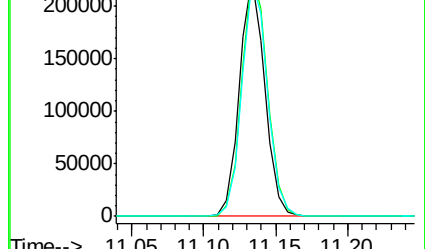
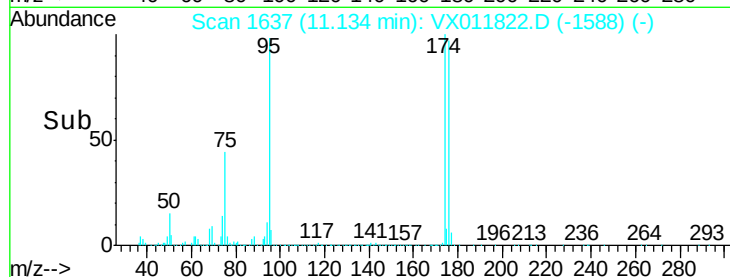


Abundance Ion 94.90 (94.60 to 95.60): VX011751.D (-1630) (-)

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

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

Time--> 11.05 11.10 11.15 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011822.D

Acq: 24 Aug 2019 16:39

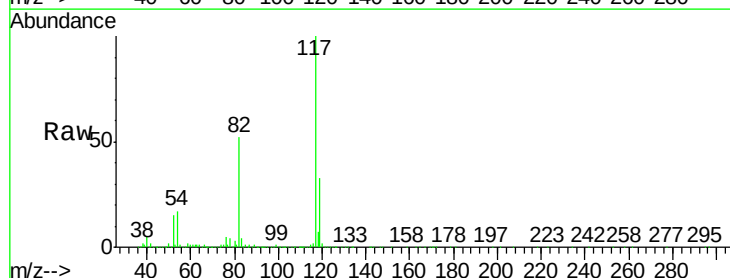
Tgt Ion: 117 Resp: 598926

Ion Ratio Lower Upper

117 100

82 51.5 41.7 62.5

119 32.7 26.2 39.2

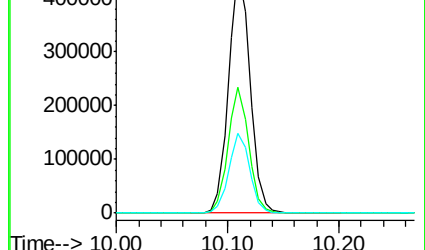
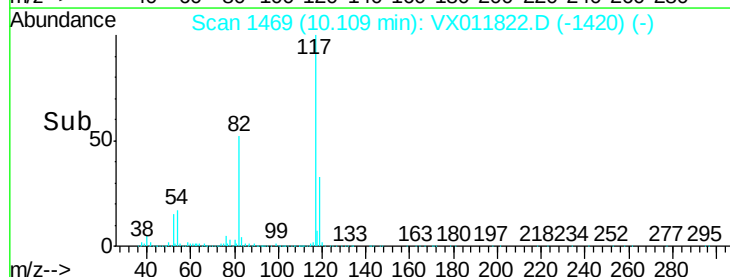


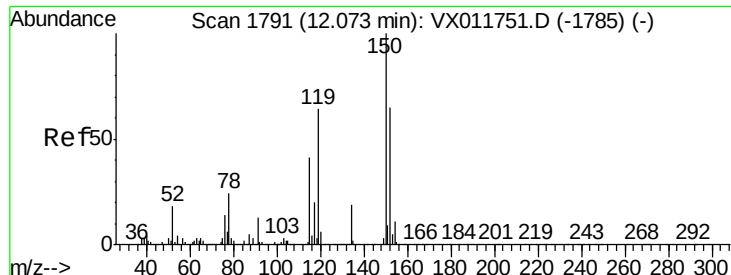
Abundance Ion 116.90 (116.60 to 117.60): VX011751.D (-1462) (-)

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: VX011822.D

Acq: 24 Aug 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

T1-2-F1-(2.5)

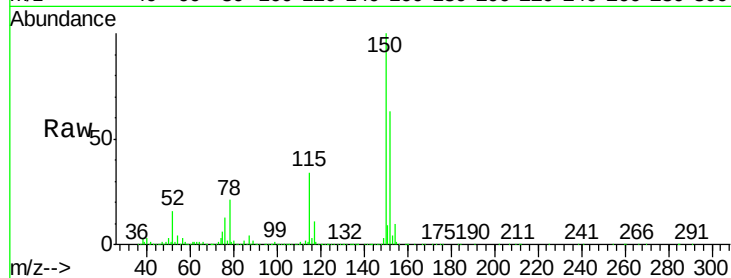
Tot Ion:152 Resp: 325044

Ion Ratio Lower Upper

152 100

115 51.8 37.3 111.8

150 157.8 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

