

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082419\
 Data File : VX011825.D
 Acq On : 24 Aug 2019 17:49
 Operator : JC/SP
 Sample : K4474-25
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-2-F3-(0)

Quant Time: Aug 26 04:38:20 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

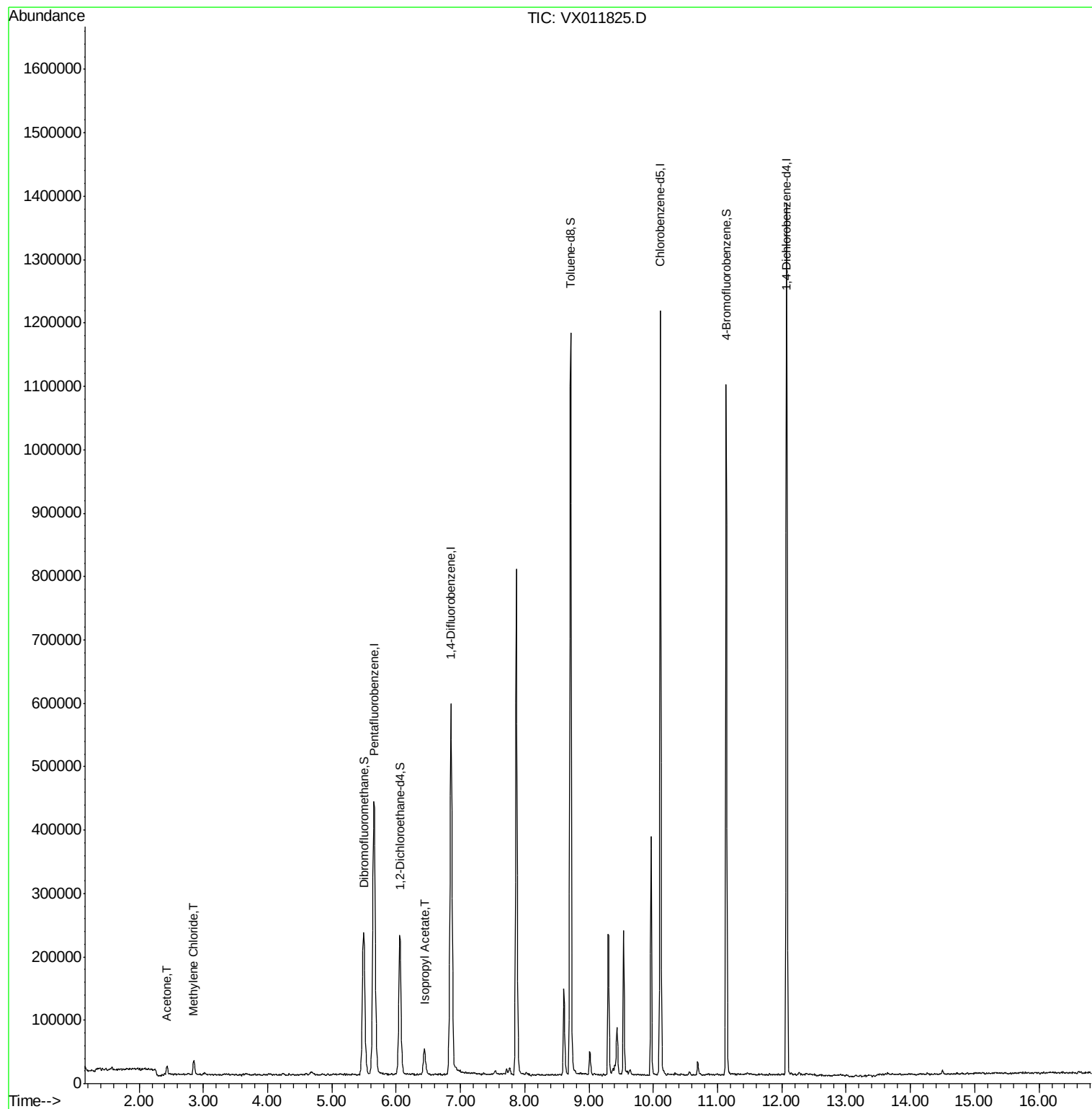
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	472819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	639731	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	589386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	318607	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	212330	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.40%	
35) Dibromofluoromethane	5.49	113	190015	45.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.86%	
50) Toluene-d8	8.71	98	730062	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	11.13	95	266806	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
Target Compounds						
16) Acetone	2.43	43	14813	7.169	ug/l	100
20) Methylene Chloride	2.85	84	11386	2.695	ug/l	95
43) Isopropyl Acetate	6.44	43	58443	6.802	ug/l	98

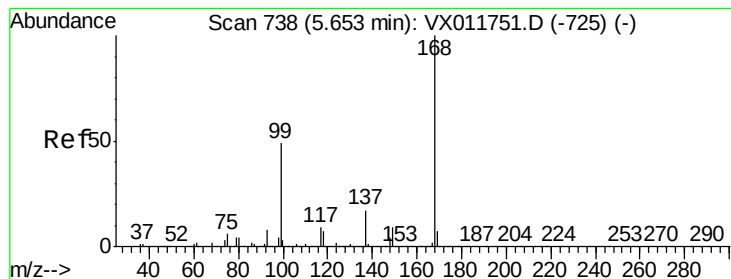
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011825.D

Acq: 24 Aug 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

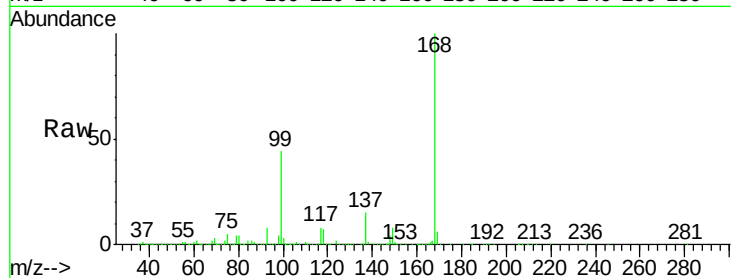
T1-2-F3-(0)

Tot Ion:168 Resp: 472819

Ion Ratio Lower Upper

168 100

99 44.1 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

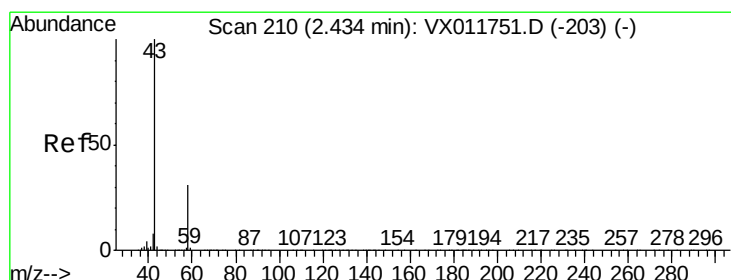
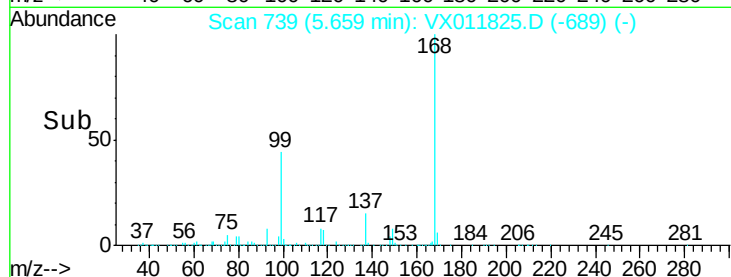
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 7.169 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011825.D

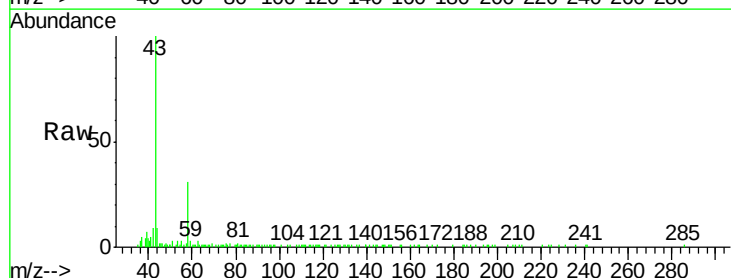
Acq: 24 Aug 2019 17:49

Tgt Ion: 43 Resp: 14813

Ion Ratio Lower Upper

43 100

58 30.3 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

10000

8000

6000

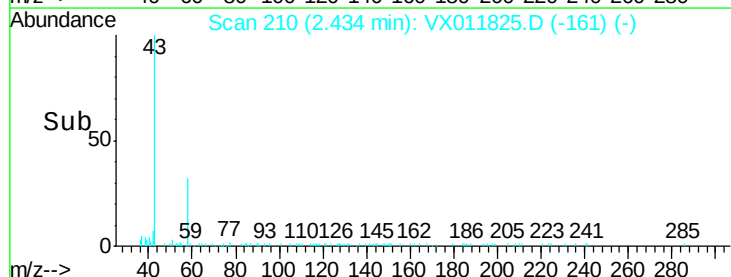
4000

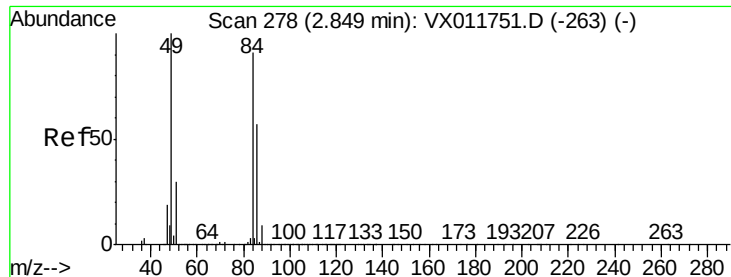
2000

0

2.35 2.40 2.45 2.50

Time-->





#20

Methylene Chloride

Concen: 2.695 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.01 min

Lab File: VX011825.D

Acq: 24 Aug 2019 17:49

Instrument :

MSVOA_X

ClientSampled :

T1-2-F3-(0)

Tot Ion: 84 Resp: 11386

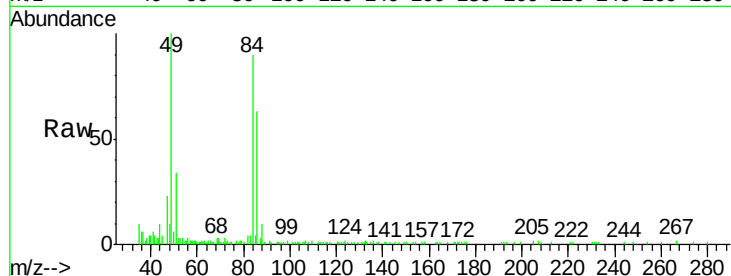
Ion Ratio Lower Upper

84 100

49 108.3 88.3 132.5

51 36.1 26.2 39.2

86 70.1 50.6 76.0

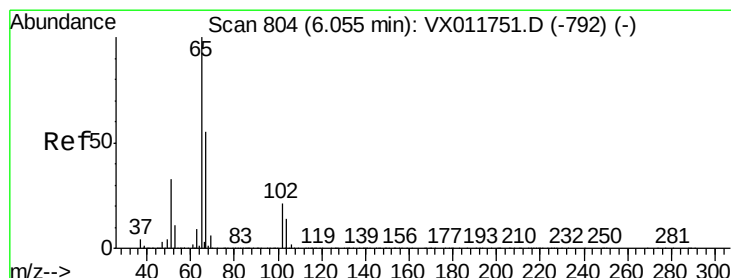
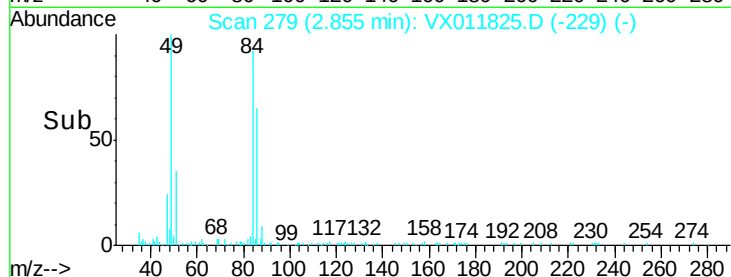
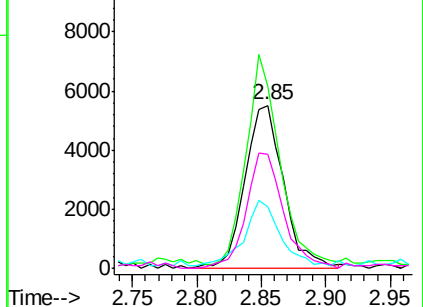


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 44.703 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011825.D

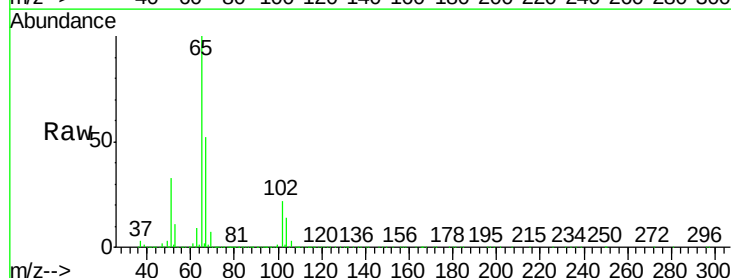
Acq: 24 Aug 2019 17:49

Tgt Ion: 65 Resp: 212330

Ion Ratio Lower Upper

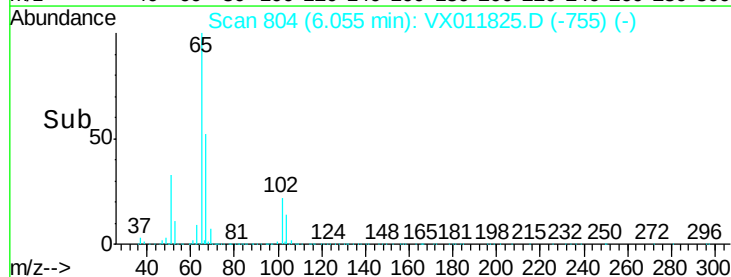
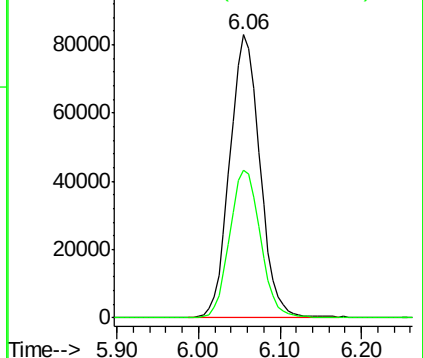
65 100

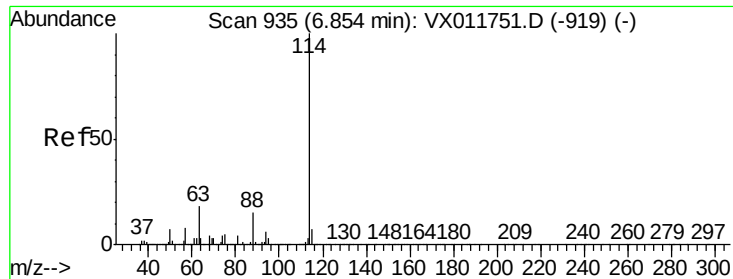
67 53.3 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

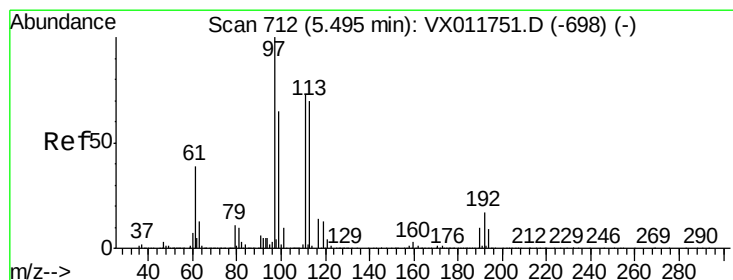
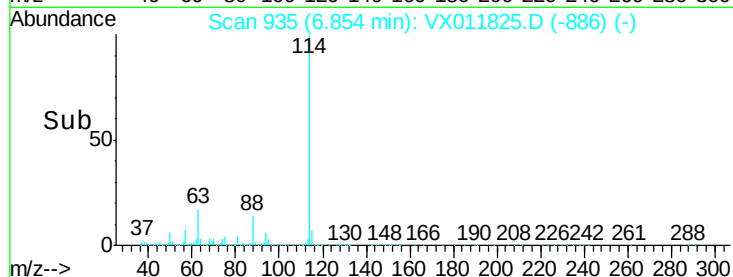
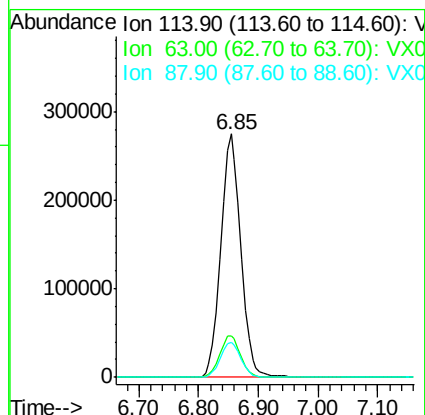
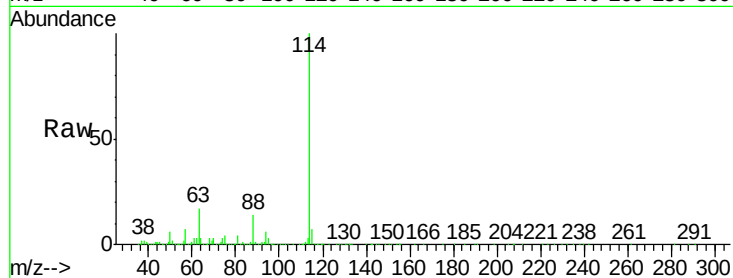




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.00 min
Lab File: VX011825.D
Acq: 24 Aug 2019 17:49

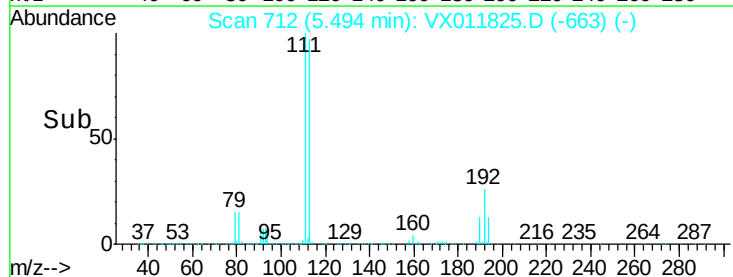
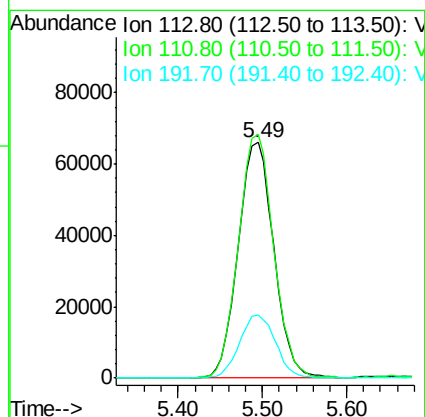
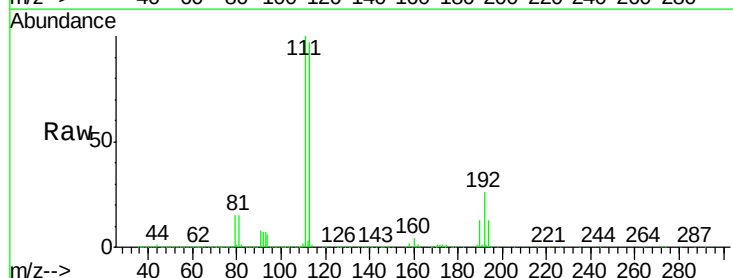
Instrument :
MSVOA_X
ClientSampleId :
T1-2-F3-(0)

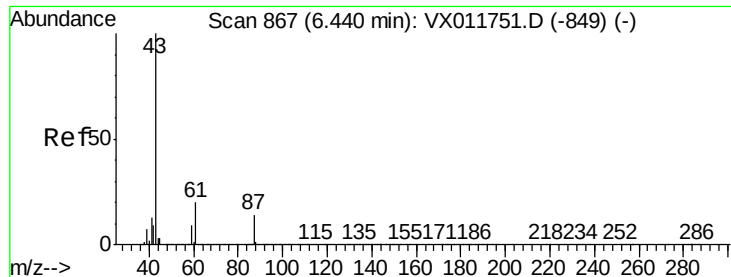
Tot Ion:	114	Resp:	639731
Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	36.8
88	14.4	0.0	30.2



#35
Dibromofluoromethane
Concen: 45.933 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX011825.D
Acq: 24 Aug 2019 17:49

Tgt Ion:	113	Resp:	190015
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.0	121.4
192	27.0	19.9	29.9





#43

Isopropyl Acetate

Concen: 6.802 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011825.D

Acq: 24 Aug 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

T1-2-F3-(0)

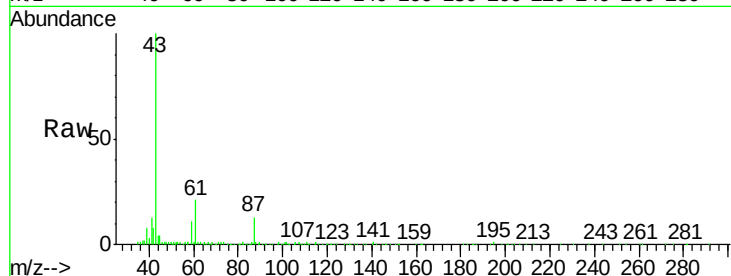
Tot Ion: 43 Resp: 58443

Ion Ratio Lower Upper

43 100

61 21.4 16.2 24.2

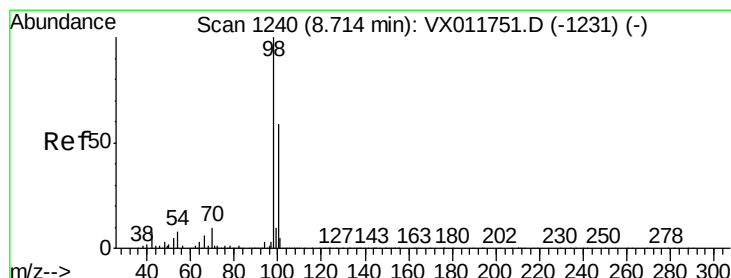
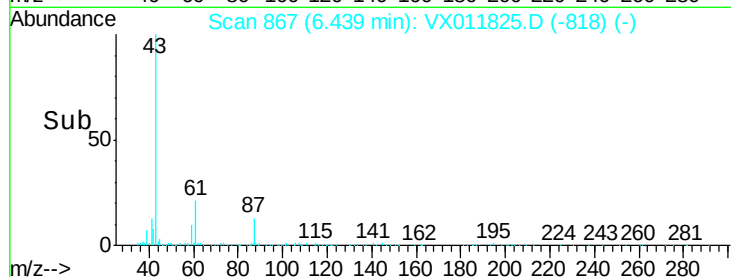
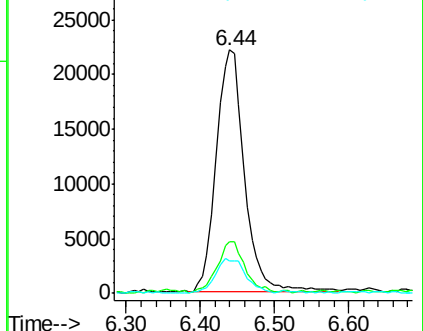
87 15.4 11.6 17.4



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: 50.597 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011825.D

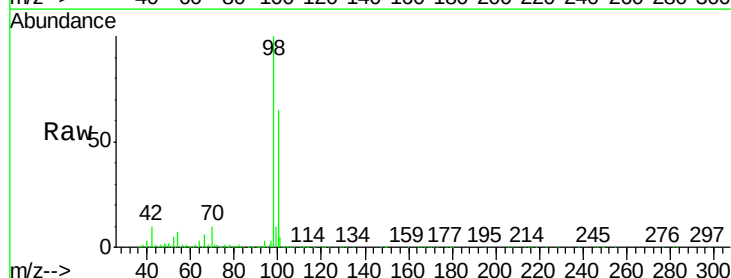
Acq: 24 Aug 2019 17:49

Tgt Ion: 98 Resp: 730062

Ion Ratio Lower Upper

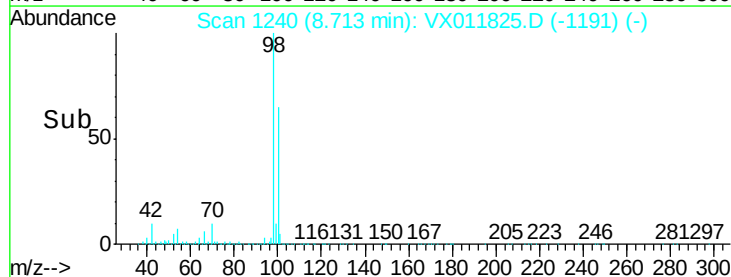
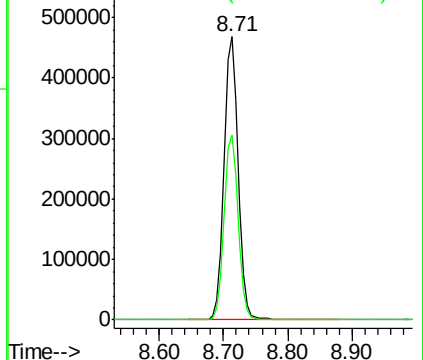
98 100

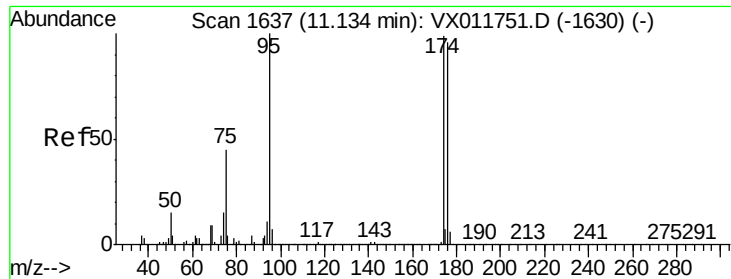
100 65.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

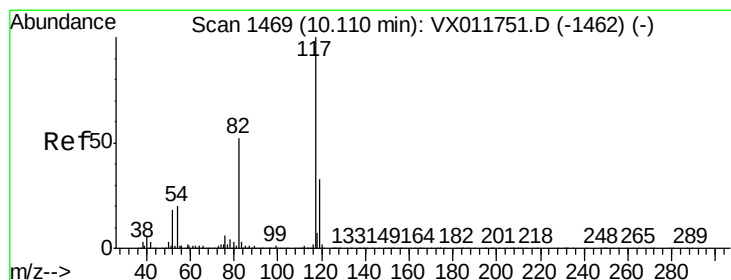
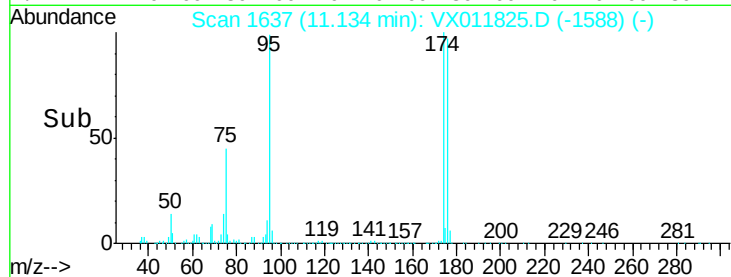
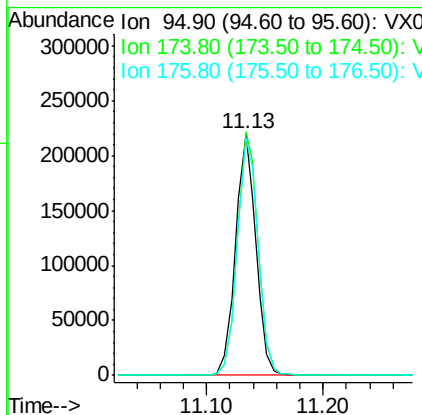
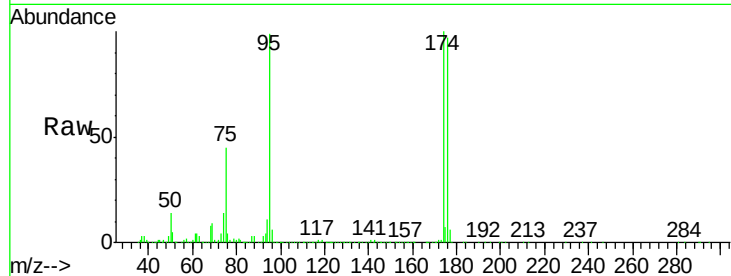




#62
4-Bromofluorobenzene
Concen: 46.781 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011825.D
Acq: 24 Aug 2019 17:49

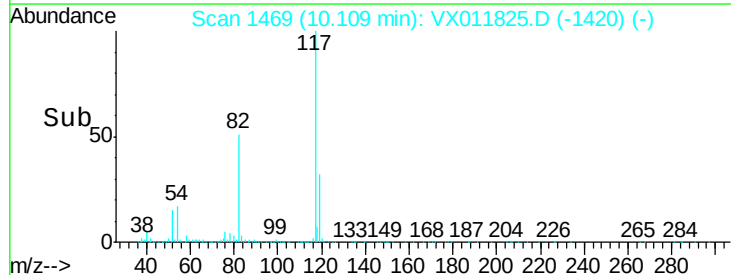
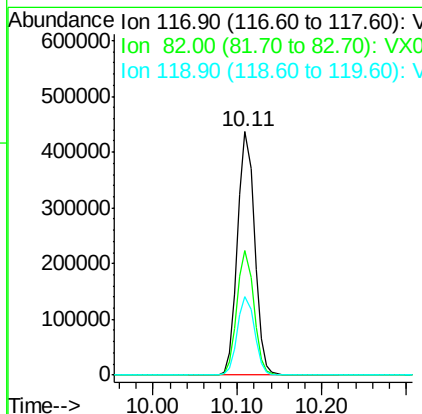
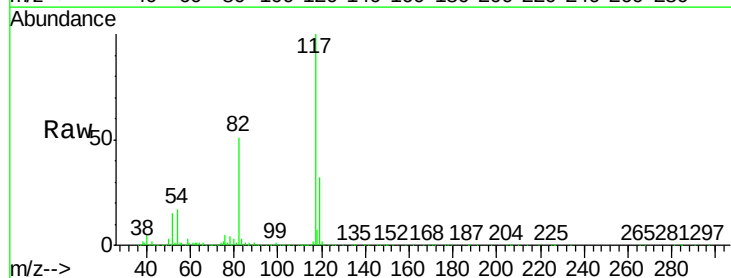
Instrument :
MSVOA_X
ClientSampleId :
T1-2-F3-(0)

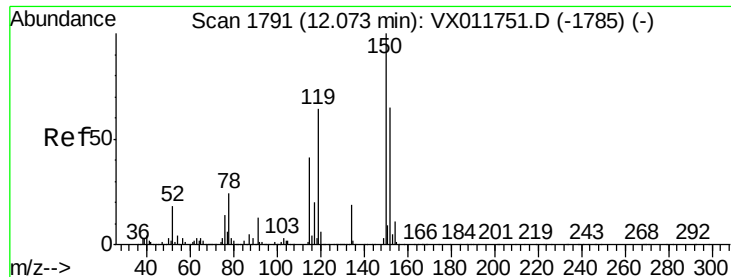
Tot Ion	Ratio	Lower	Upper
95	100		
174	102.9	0.0	197.4
176	101.3	0.0	194.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011825.D
Acq: 24 Aug 2019 17:49

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.0	41.7	62.5
119	32.3	26.2	39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011825.D

Acq: 24 Aug 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

T1-2-F3-(0)

Tot Ion:152 Resp: 318607

Ion Ratio Lower Upper

152 100

115 52.2 37.3 111.8

150 156.0 0.0 343.0

