

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082119\
 Data File : VX011724.D
 Acq On : 21 Aug 2019 11:59
 Operator : JC/SP
 Sample : K4391-09ME
 Misc : 5.03g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BOTTOM-2ME

Quant Time: Aug 21 13:58:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

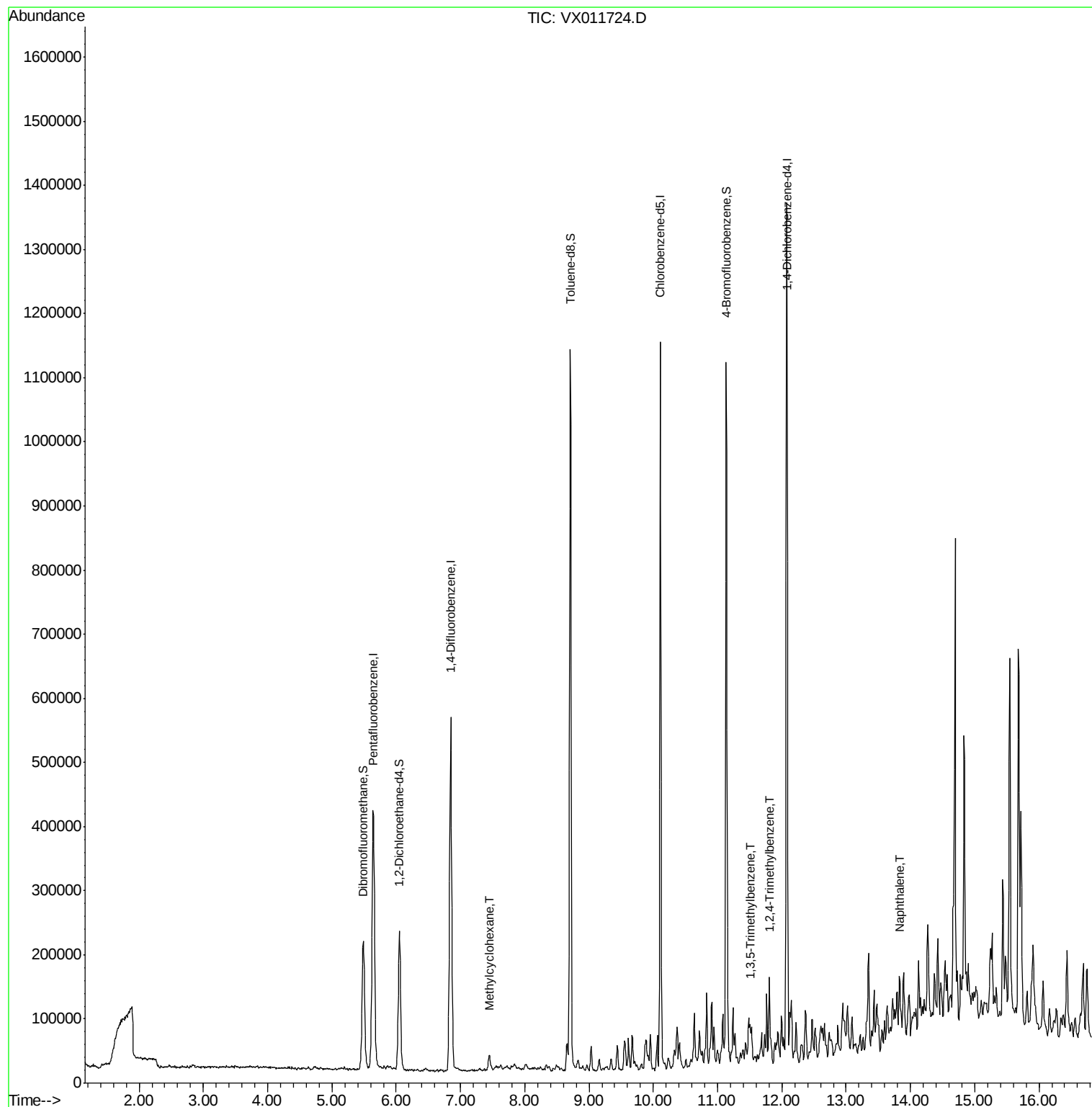
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	423387	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	608617	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	554331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	308176	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	213847	54.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.92%	
35) Dibromofluoromethane	5.49	113	165310	41.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.06%	
50) Toluene-d8	8.71	98	698492	56.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.62%	
62) 4-Bromofluorobenzene	11.13	95	257665	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
Target Compounds						
39) Methylcyclohexane	7.45	83	11019	1.715	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	22030	1.311	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	51251	3.039	ug/l	99
95) Naphthalene	13.83	128	65046	3.008	ug/l #	96

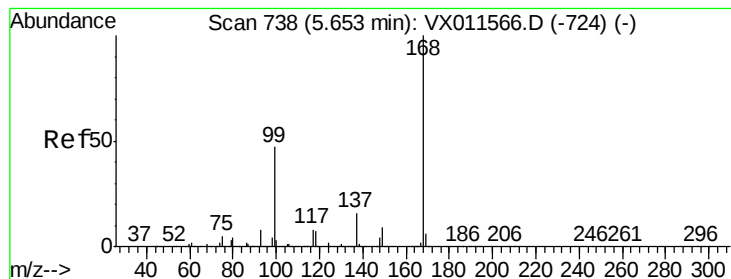
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 736

Delta R.T. -0.01 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

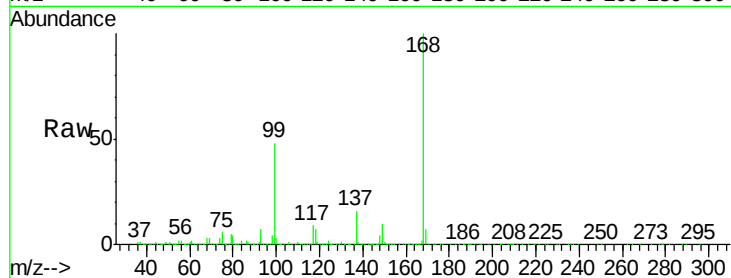
BOTTOM-2ME

Tot Ion:168 Resp: 423387

Ion Ratio Lower Upper

168 100

99 48.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

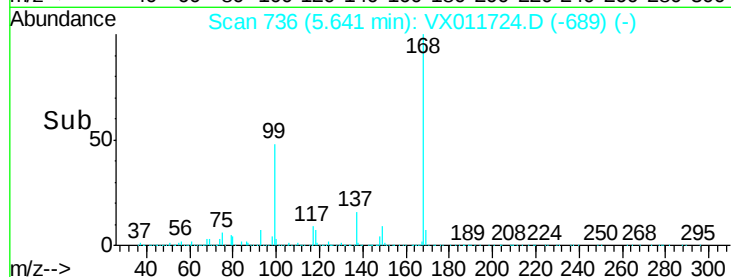
100000

50000

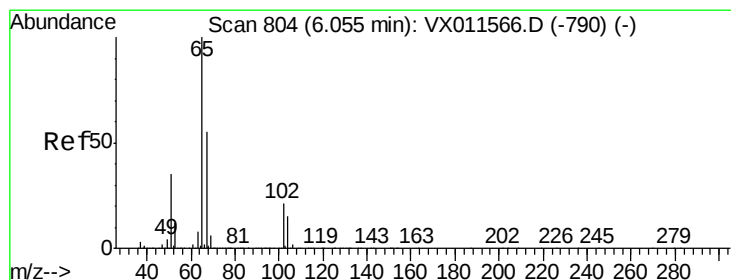
0

5.64

5.50 5.60 5.70 5.80



Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.465 ug/l

RT: 6.05 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX011724.D

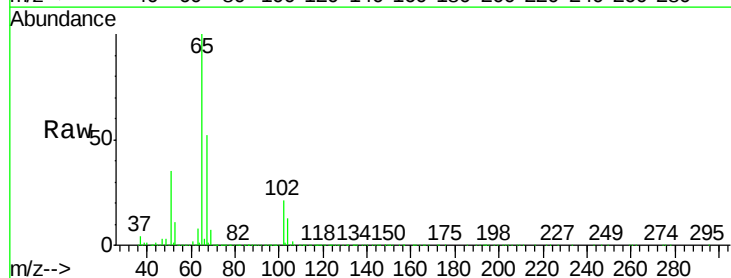
Acq: 21 Aug 2019 11:59

Tgt Ion: 65 Resp: 213847

Ion Ratio Lower Upper

65 100

67 51.5 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

80000

60000

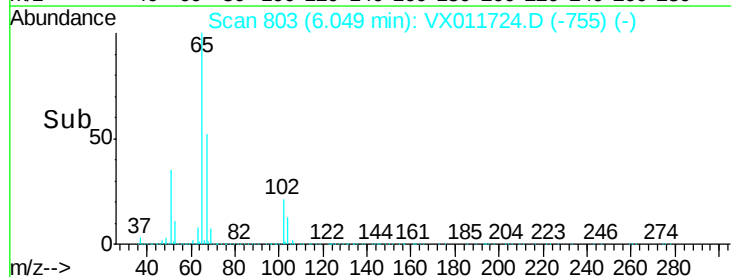
40000

20000

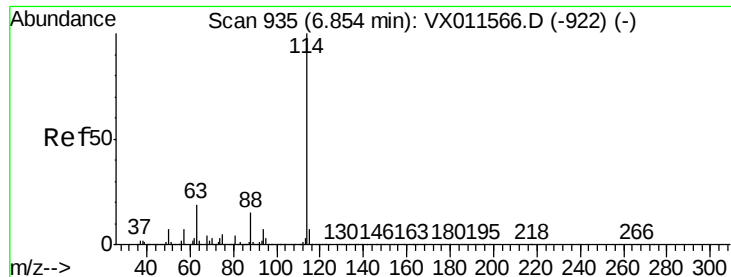
0

6.05

5.90 6.00 6.10 6.20



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

BOTTOM-2ME

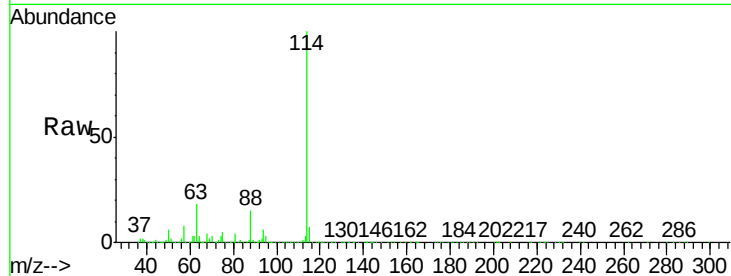
Tot Ion:114 Resp: 608617

Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.8

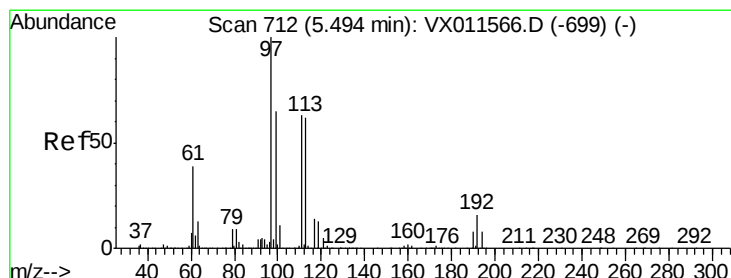
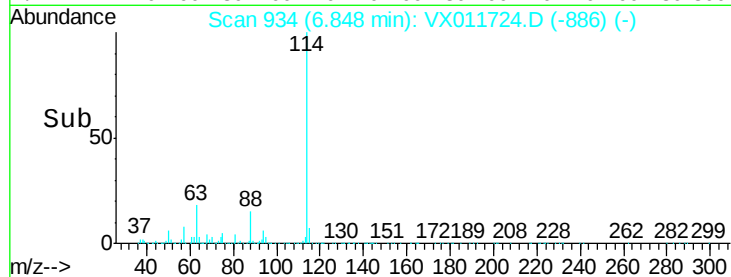
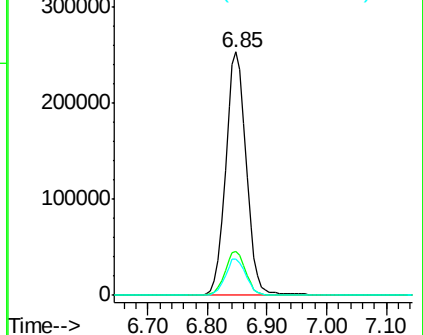
88 15.1 0.0 30.2



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: 41.527 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

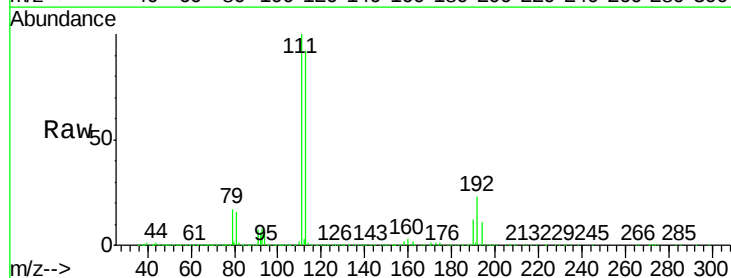
Tgt Ion:113 Resp: 165310

Ion Ratio Lower Upper

113 100

111 104.0 81.1 121.7

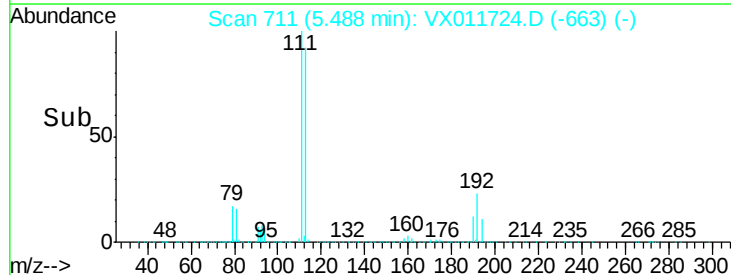
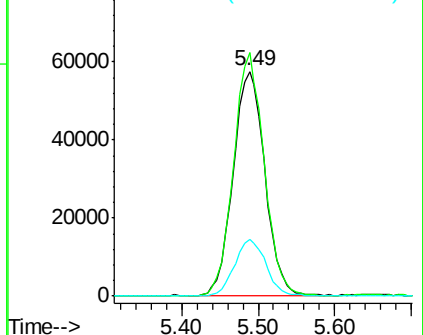
192 25.2 20.8 31.2

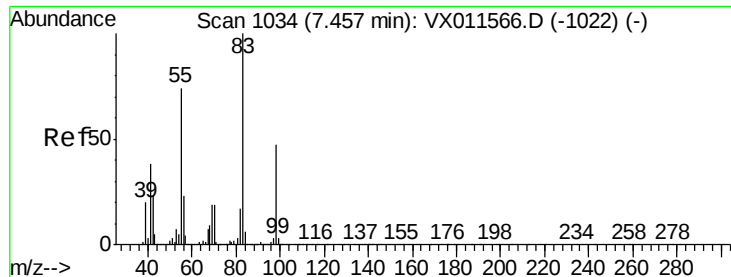


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

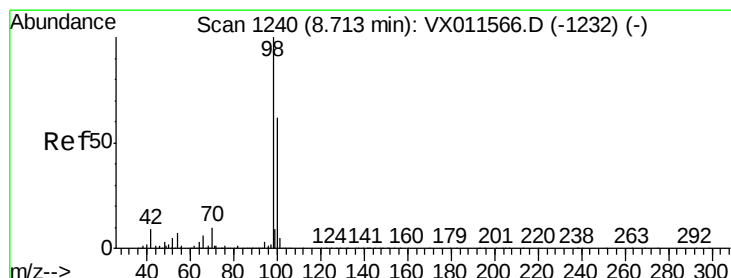
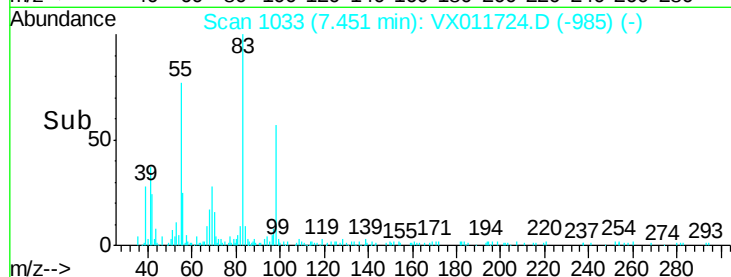
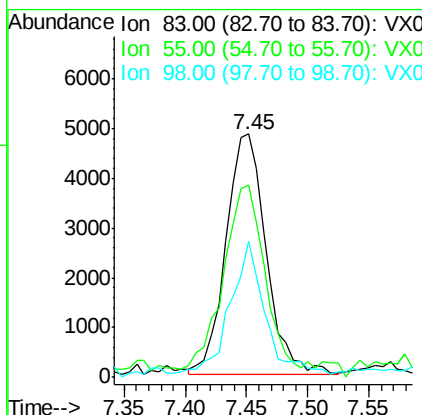
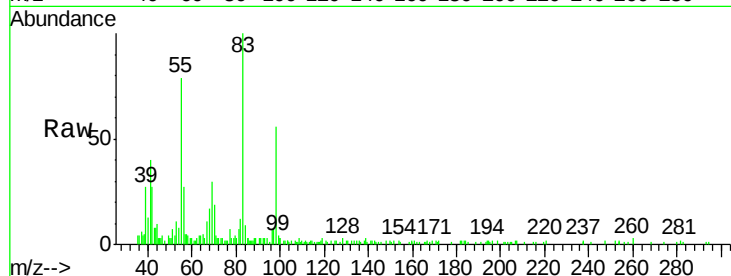




#39
Methvlcvclohexane
Concen: 1.715 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX011724.D
Acq: 21 Aug 2019 11:59

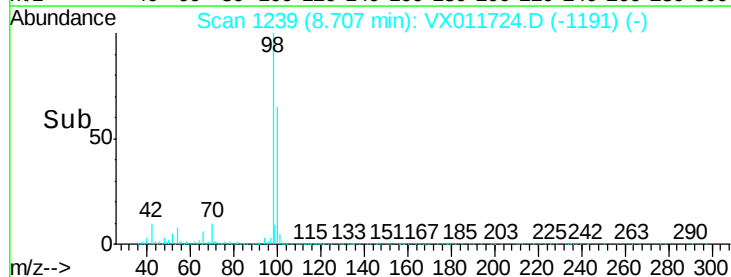
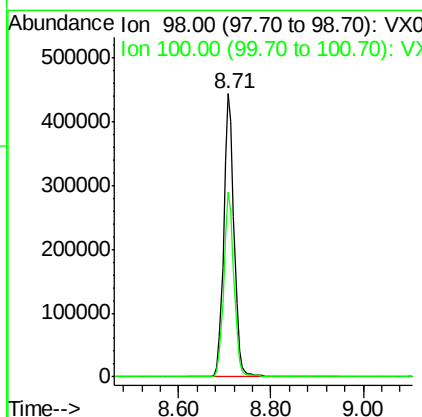
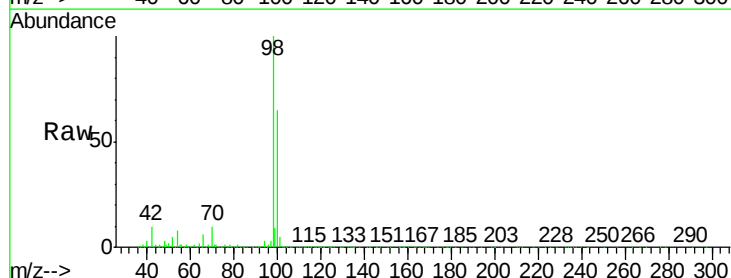
Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-2ME

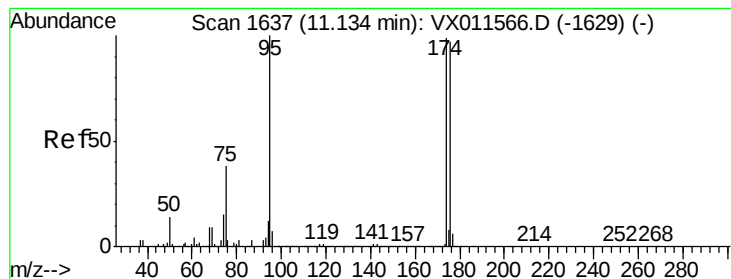
Tot Ion	Ratio	Lower	Upper
83	100		
55	75.7	58.8	88.2
98	54.5	37.8	56.6



#50
Toluene-d8
Concen: 56.314 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VX011724.D
Acq: 21 Aug 2019 11:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 49.217 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011724.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

BOTTOM-2ME

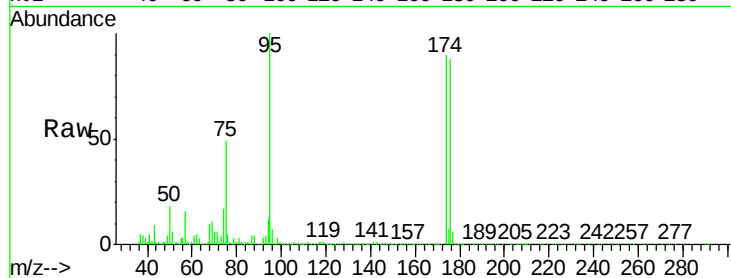
Tot Ion: 95 Resp: 257665

Ion Ratio Lower Upper

95 100

174 95.1 0.0 200.6

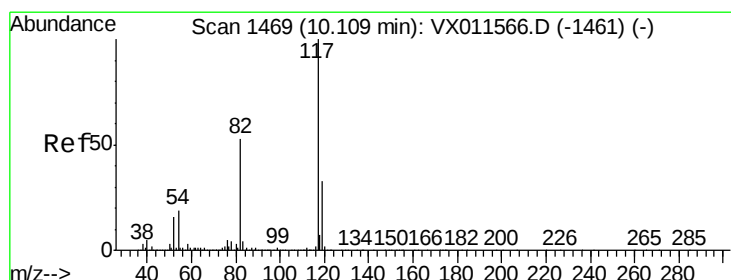
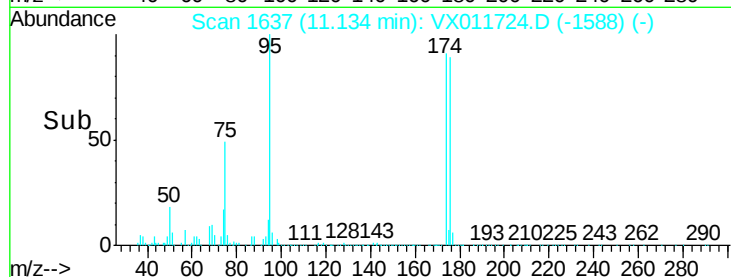
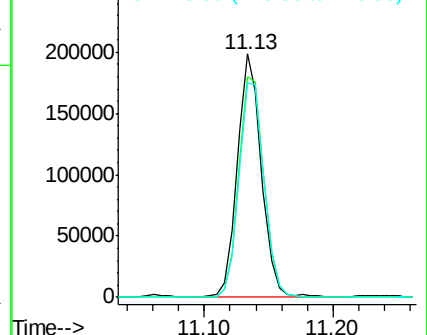
176 92.7 0.0 196.6



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: VX011724.D

Acq: 21 Aug 2019 11:59

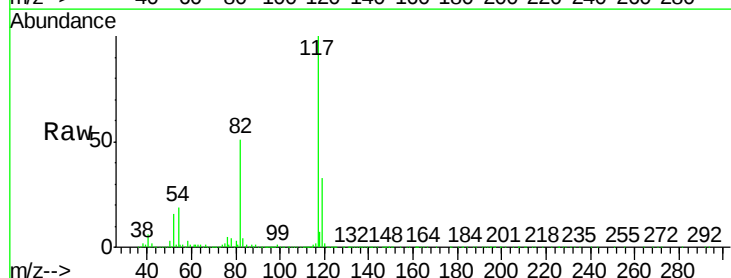
Tgt Ion: 117 Resp: 554331

Ion Ratio Lower Upper

117 100

82 50.9 42.0 63.0

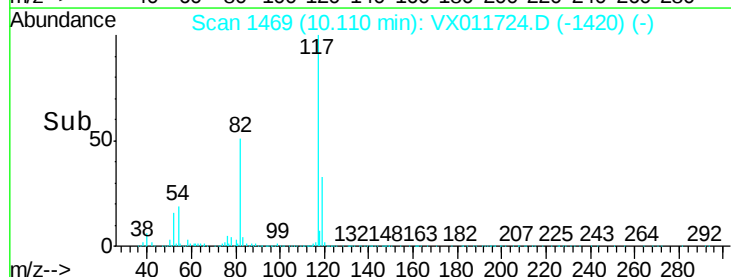
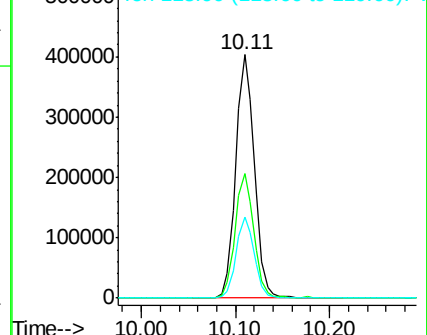
119 33.3 26.5 39.7

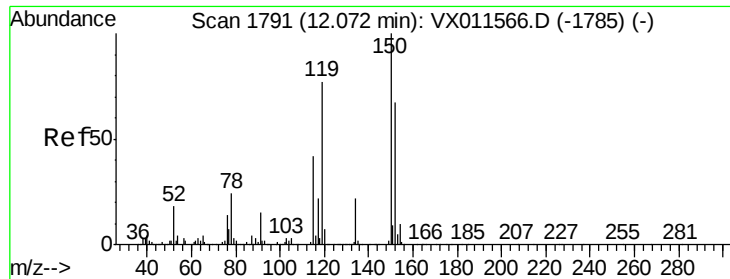


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX011724.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

BOTTOM-2ME

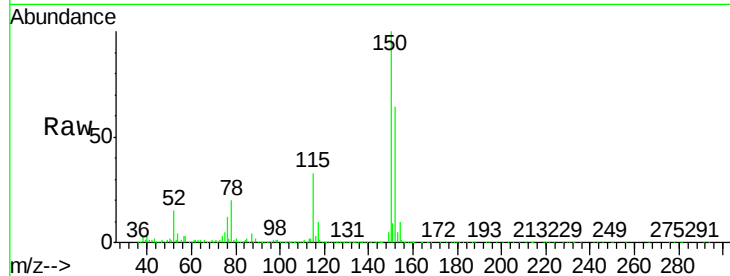
Tot Ion:152 Resp: 308176

Ion Ratio Lower Upper

152 100

115 53.4 37.3 111.9

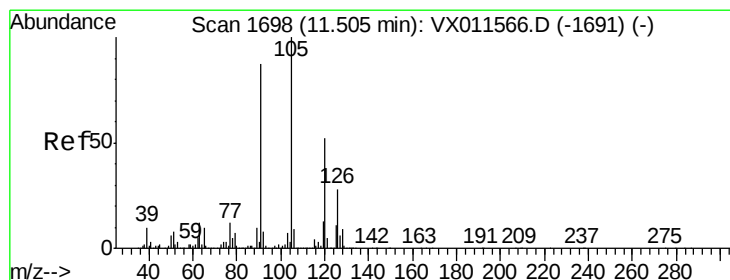
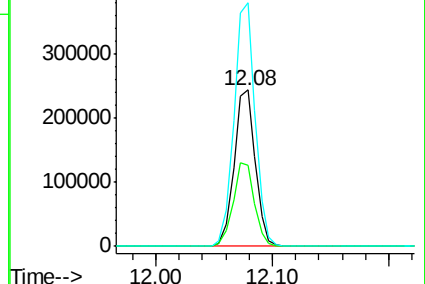
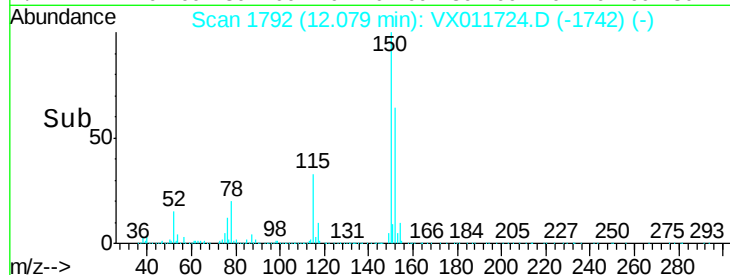
150 155.9 0.0 346.2



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



#80

1,3,5-Trimethylbenzene

Concen: 1.311 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011724.D

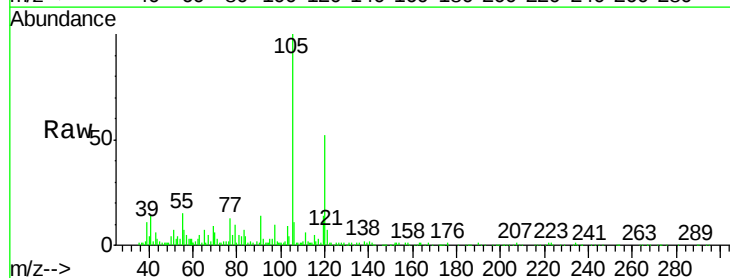
Acq: 21 Aug 2019 11:59

Tgt Ion:105 Resp: 22030

Ion Ratio Lower Upper

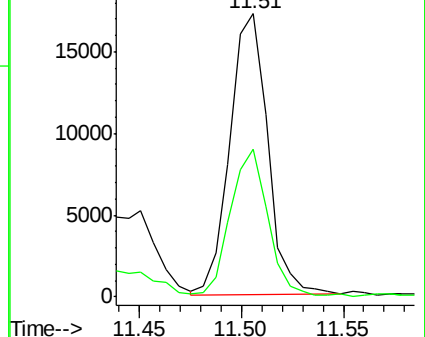
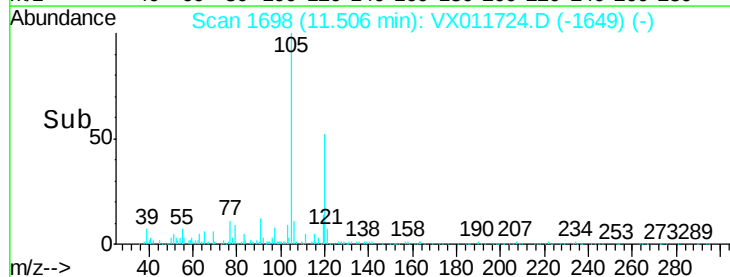
105 100

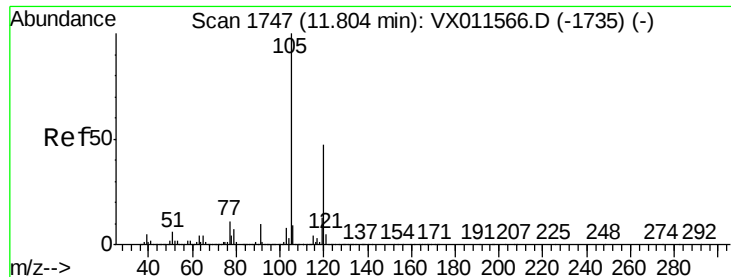
120 53.1 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



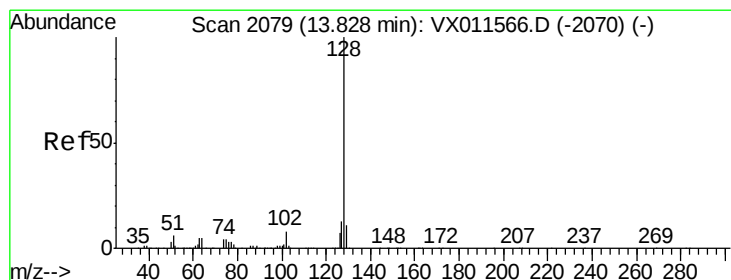
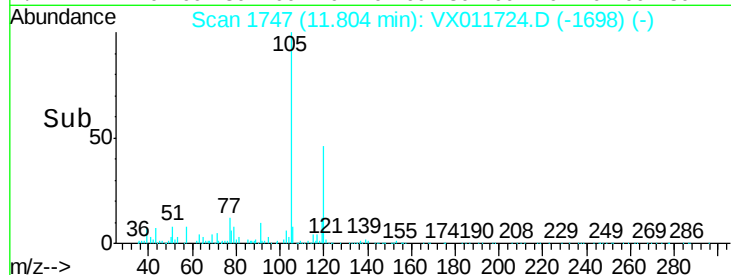
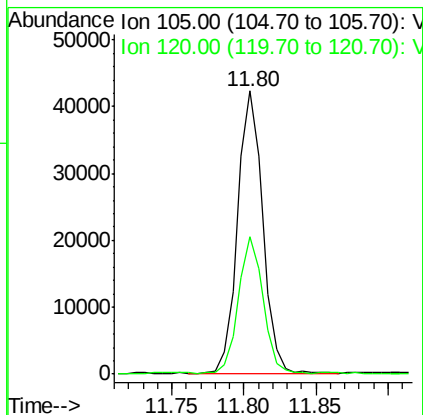
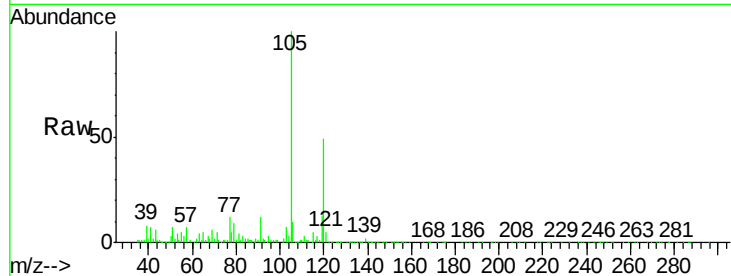


#84

1,2,4-Trimethylbenzene
Concen: 3.039 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011724.D
Acq: 21 Aug 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-2ME

Tot Ion:105 Resp: 51251
Ion Ratio Lower Upper
105 100
120 47.0 23.3 69.9



#95

Naphthalene
Concen: 3.008 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX011724.D
Acq: 21 Aug 2019 11:59

Tgt Ion:128 Resp: 65046
Ion Ratio Lower Upper
128 100
127 14.0 10.3 15.5
129 13.1 8.7 13.1#

