

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072020\
 Data File : VX017437.D
 Acq On : 20 Jul 2020 16:28
 Operator : JC/SP
 Sample : L3329-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LT-4

Quant Time: Jul 21 02:35:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

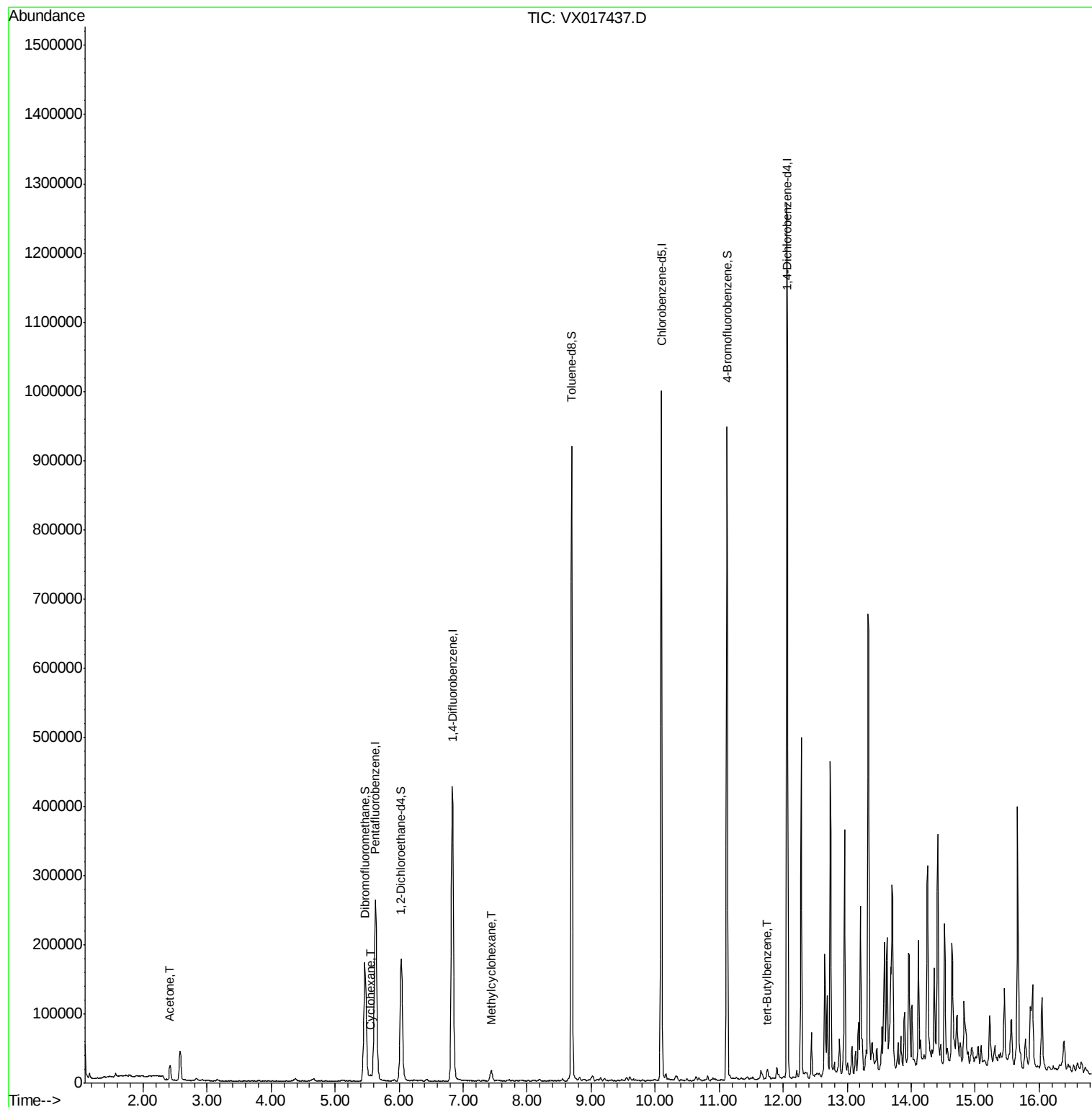
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	249737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	432646	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	457570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	257143	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	169436	54.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.12%	
35) Dibromofluoromethane	5.46	113	147486	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
50) Toluene-d8	8.70	98	530953	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	11.12	95	235486	56.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.78%	
Target Compounds						
16) Acetone	2.42	43	23970	21.436	ug/l	98
31) Cyclohexane	5.56	56	4850	1.344	ug/l #	88
39) Methylcyclohexane	7.44	83	6650	1.539	ug/l	87
83) tert-Butylbenzene	11.76	119	5108	0.386	ug/l	89

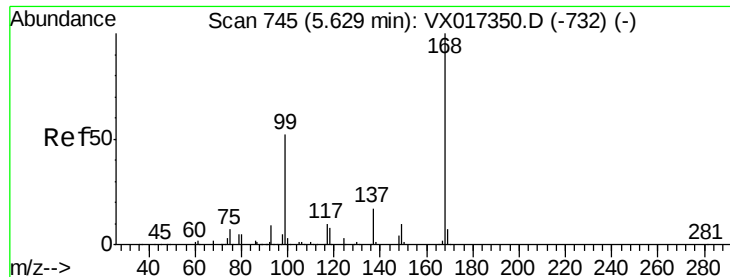
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072020\
Data File : VX017437.D
Acq On : 20 Jul 2020 16:28
Operator : JC/SP
Sample : L3329-13
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
LT-4

Quant Time: Jul 21 02:35:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX017437.D

Acq: 20 Jul 2020 16:28

Instrument :

MSVOA_X

ClientSampled :

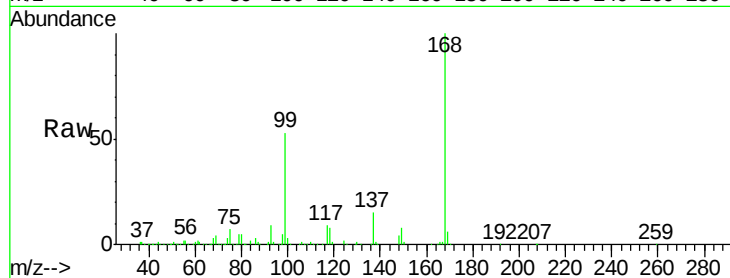
LT-4

Tot Ion:168 Resp: 249737

Ion Ratio Lower Upper

168 100

99 53.0 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

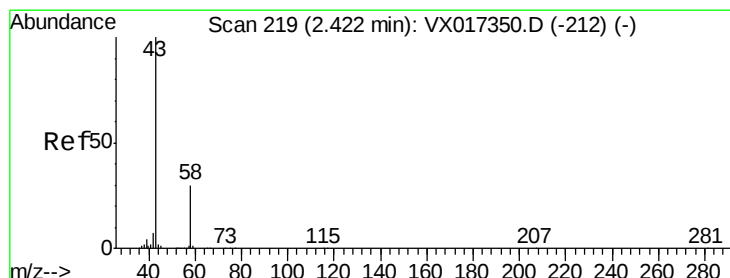
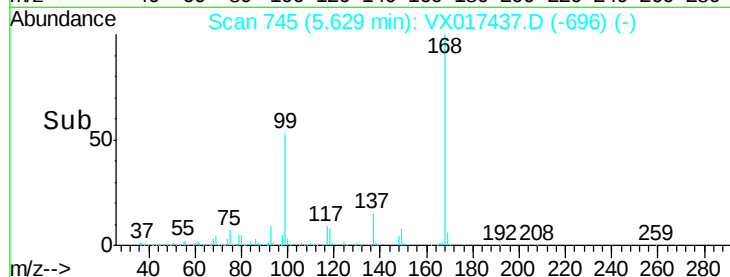
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 21.436 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017437.D

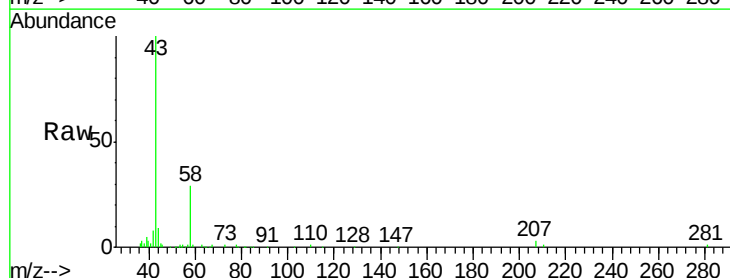
Acq: 20 Jul 2020 16:28

Tgt Ion: 43 Resp: 23970

Ion Ratio Lower Upper

43 100

58 29.1 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

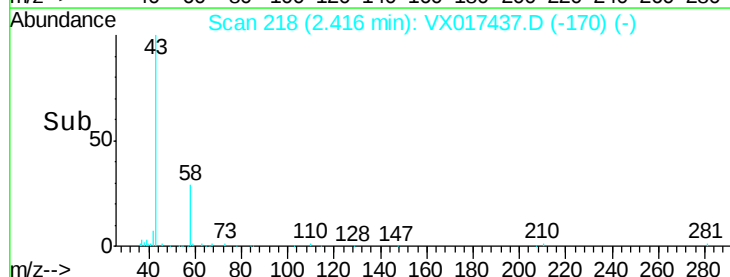
15000

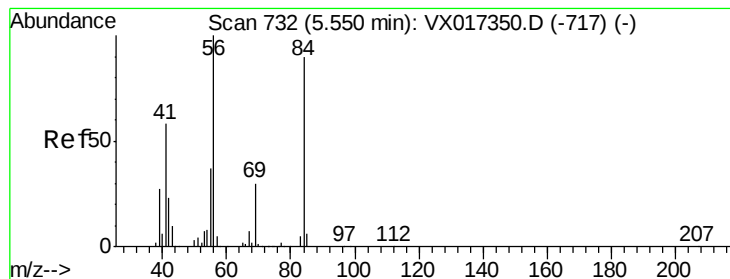
10000

5000

0

Time-->





#31

Cyclohexane

Concen: 1.344 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.01 min

Lab File: VX017437.D

Acq: 20 Jul 2020 16:28

Instrument :

MSVOA_X

ClientSampled :

LT-4

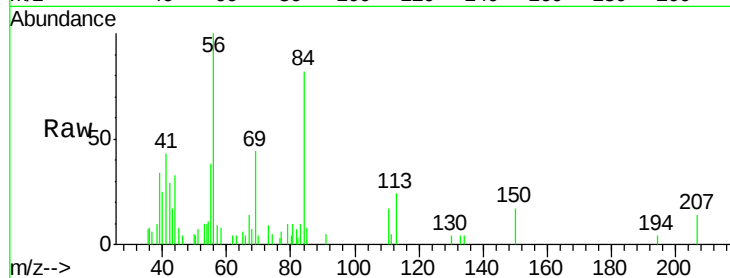
Tot Ion: 56 Resp: 4850

Ion Ratio Lower Upper

56 100

69 43.1 23.7 35.5#

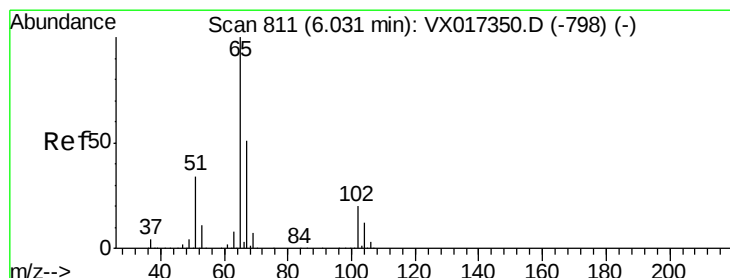
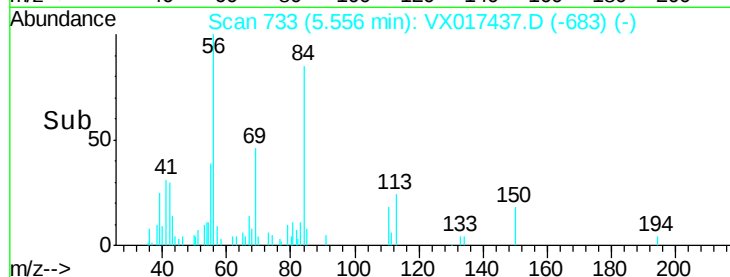
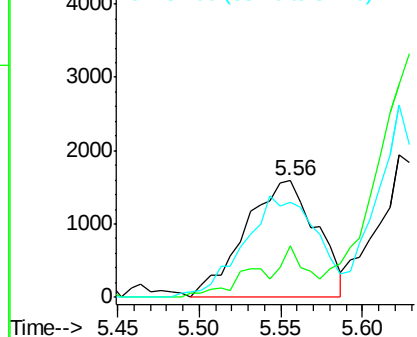
84 82.5 71.8 107.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 54.057 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017437.D

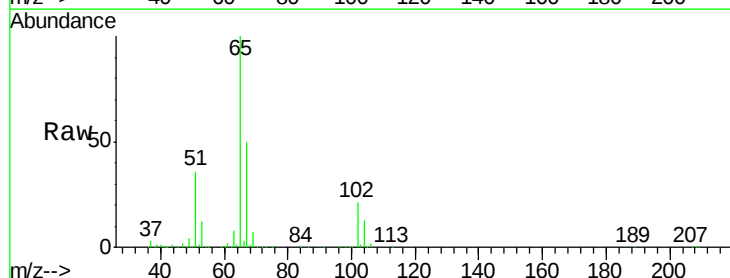
Acq: 20 Jul 2020 16:28

Tgt Ion: 65 Resp: 169436

Ion Ratio Lower Upper

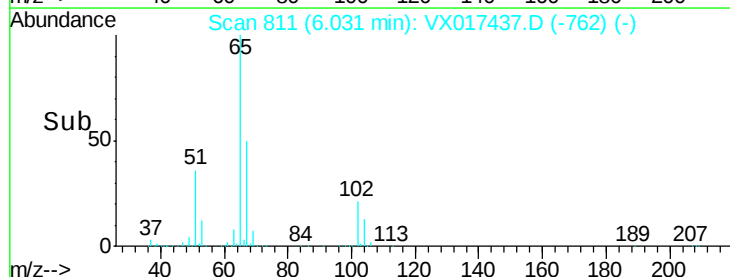
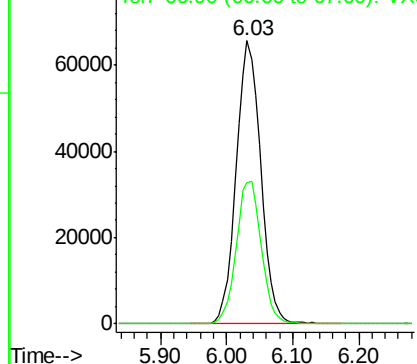
65 100

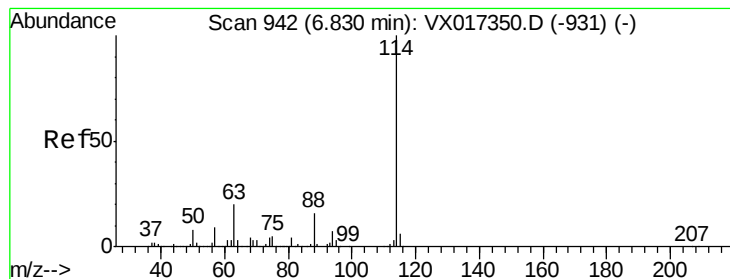
67 51.2 0.0 101.6



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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017437.D

Acq: 20 Jul 2020 16:28

Instrument :

MSVOA_X

ClientSampleId :

LT-4

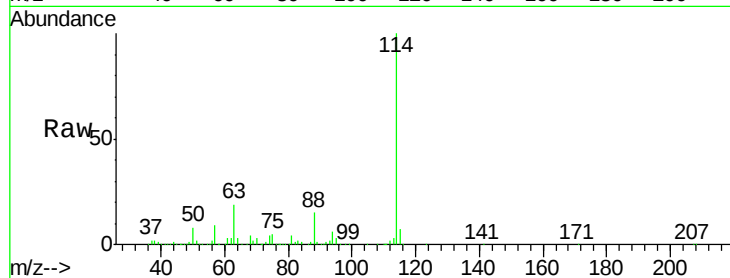
Tot Ion:114 Resp: 432646

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

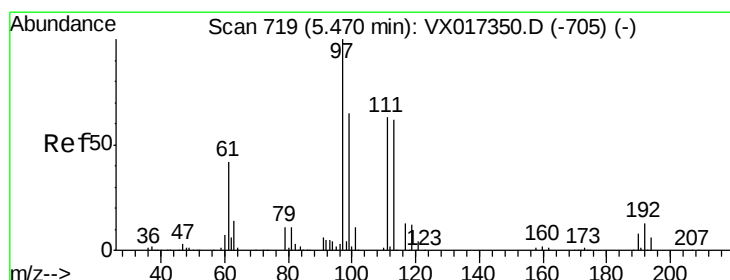
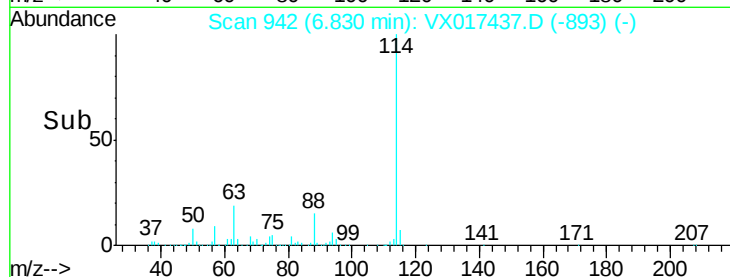
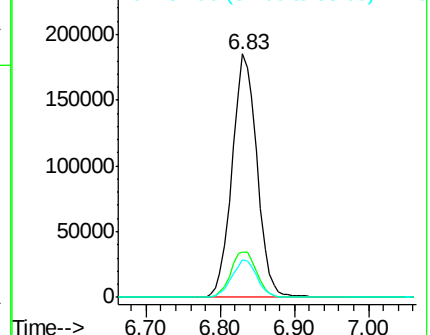
88 15.3 0.0 32.8



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: 50.606 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017437.D

Acq: 20 Jul 2020 16:28

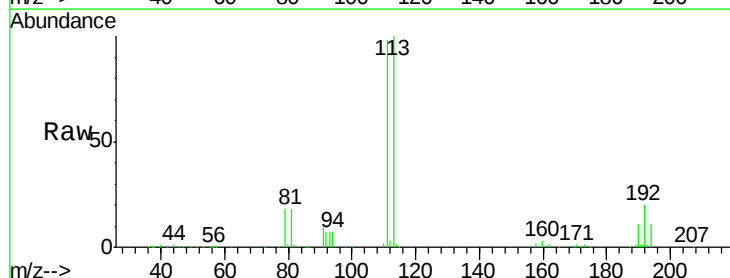
Tgt Ion:113 Resp: 147486

Ion Ratio Lower Upper

113 100

111 100.6 82.4 123.6

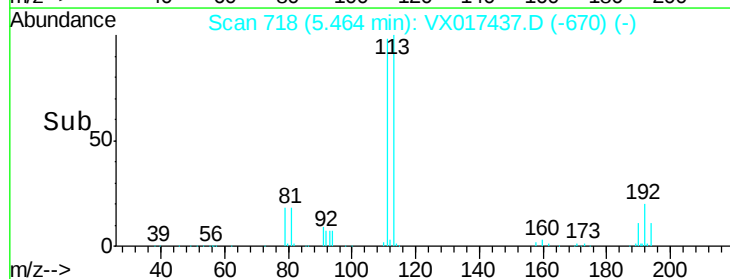
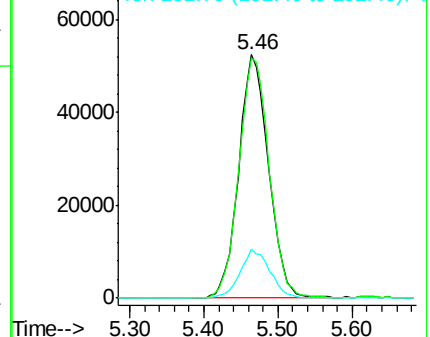
192 20.2 17.2 25.8

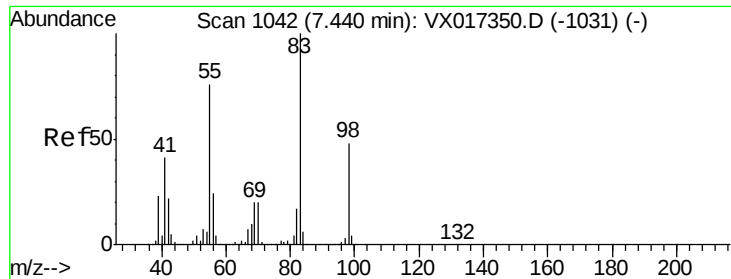


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

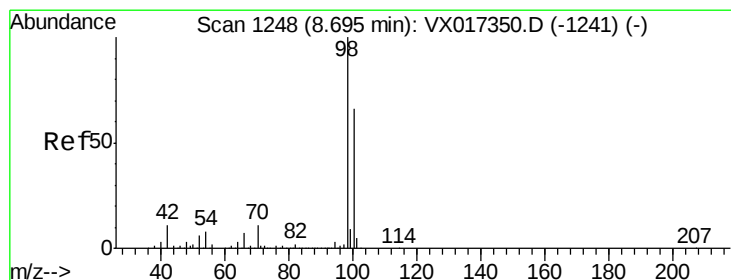
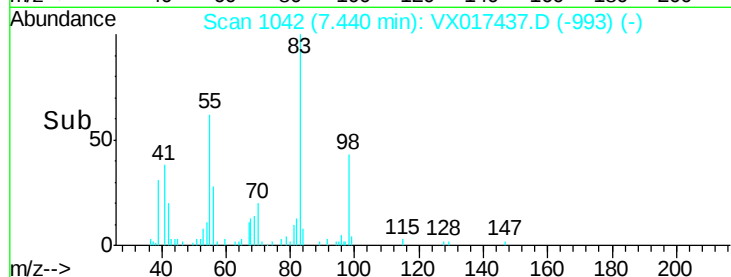
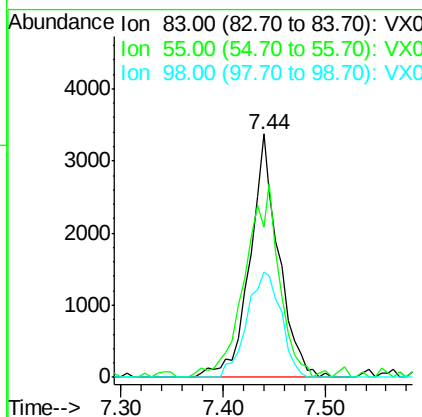
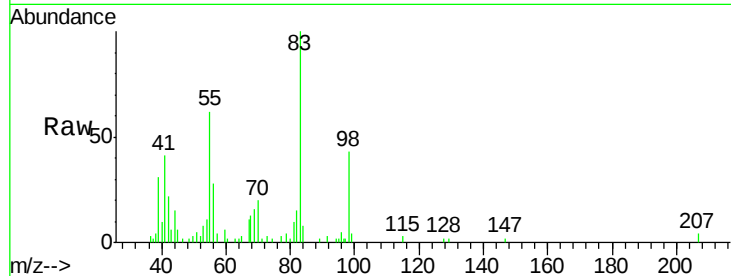




#39
Methvlcvclohexane
Concen: 1.539 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017437.D
Acq: 20 Jul 2020 16:28

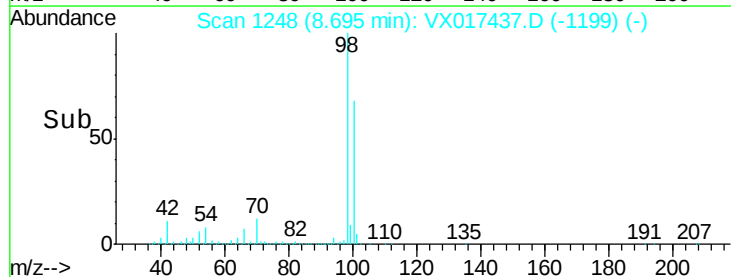
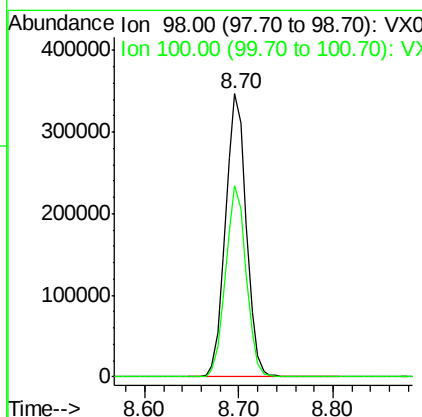
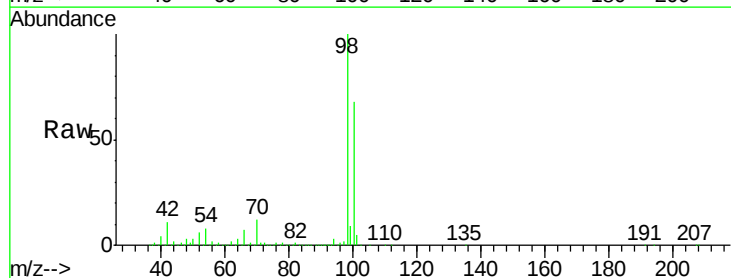
Instrument :
MSVOA_X
ClientSampled :
LT-4

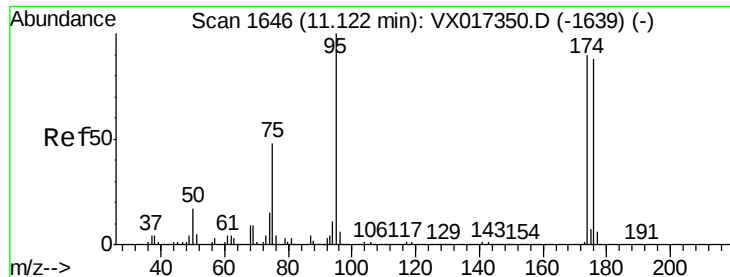
Tot Ion: 83 Resp: 6650
Ion Ratio Lower Upper
83 100
55 61.8 61.2 91.8
98 43.3 38.1 57.1



#50
Toluene-d8
Concen: 50.506 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017437.D
Acq: 20 Jul 2020 16:28

Tgt Ion: 98 Resp: 530953
Ion Ratio Lower Upper
98 100
100 66.8 53.4 80.2





#62

4-Bromofluorobenzene

Concen: 56.393 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017437.D

Acq: 20 Jul 2020 16:28

Instrument :

MSVOA_X

ClientSampled :

LT-4

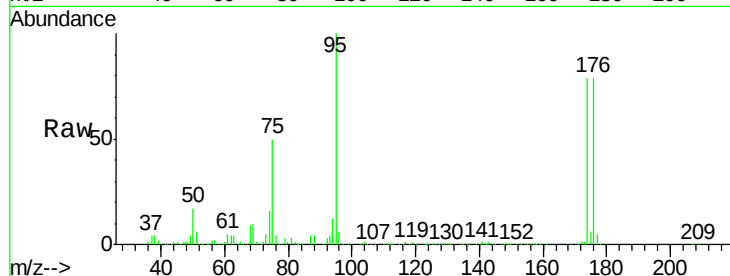
Tot Ion: 95 Resp: 235486

Ion Ratio Lower Upper

95 100

174 80.2 0.0 175.8

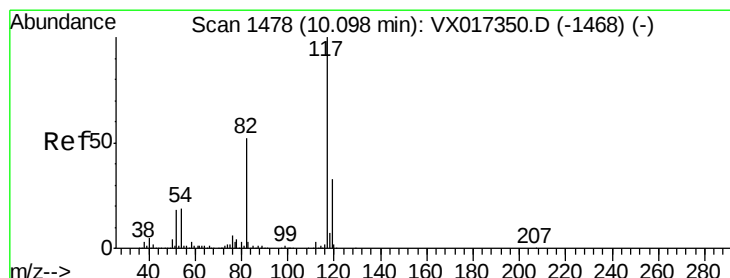
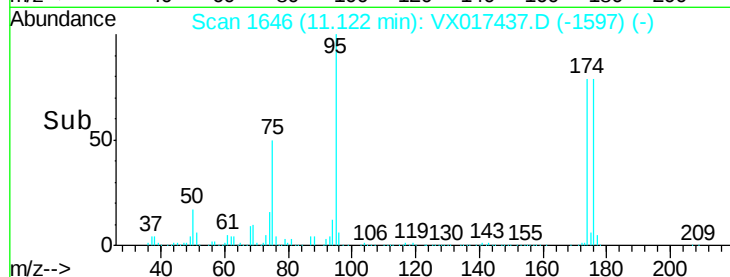
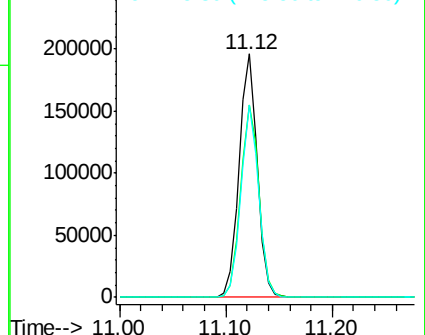
176 77.3 0.0 164.6



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: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017437.D

Acq: 20 Jul 2020 16:28

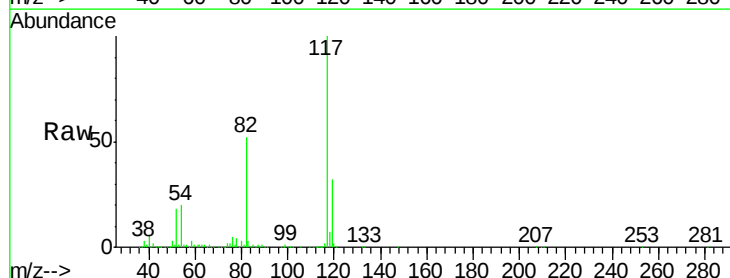
Tgt Ion: 117 Resp: 457570

Ion Ratio Lower Upper

117 100

82 52.3 42.0 63.0

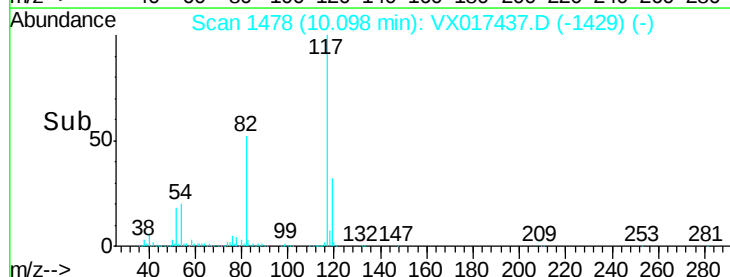
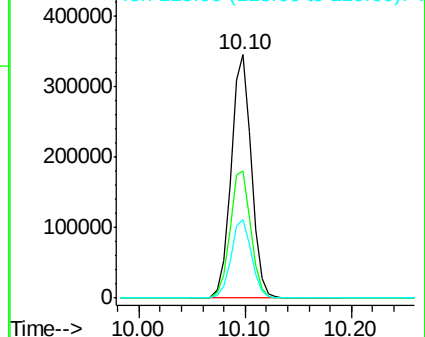
119 32.3 26.3 39.5

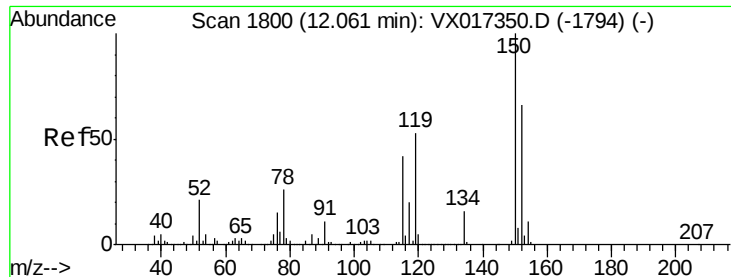


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017437.D

Acq: 20 Jul 2020 16:28

Instrument :

MSVOA_X

ClientSampleId :

LT-4

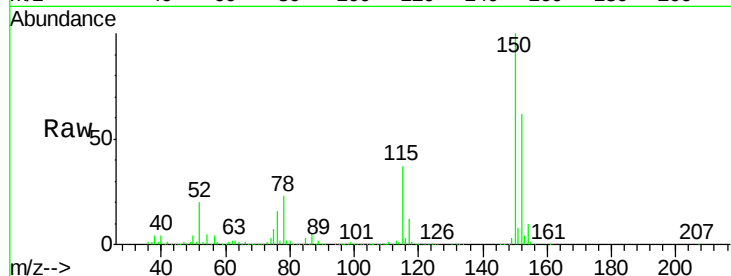
Tot Ion:152 Resp: 257143

Ion Ratio Lower Upper

152 100

115 58.8 39.9 119.7

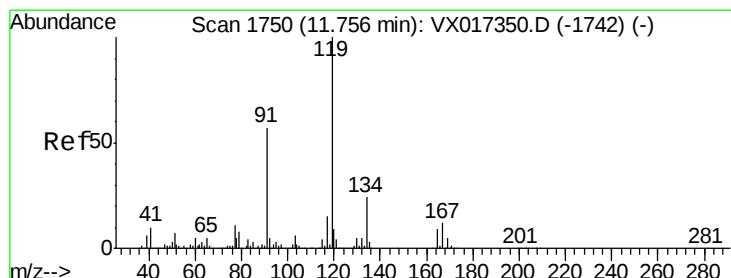
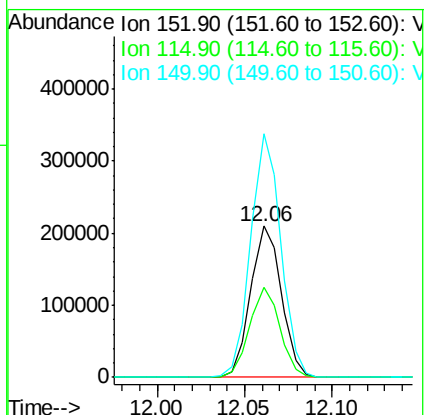
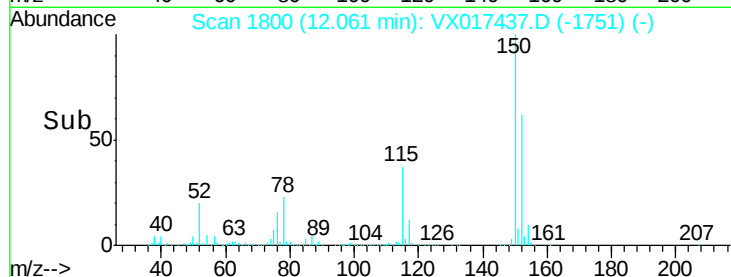
150 157.8 0.0 343.4



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



#83

tert-Butylbenzene

Concen: 0.386 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017437.D

Acq: 20 Jul 2020 16:28

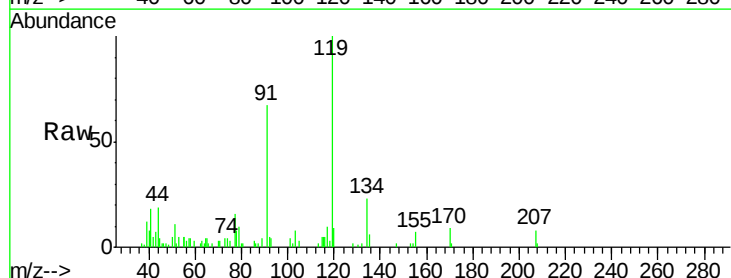
Tgt Ion:119 Resp: 5108

Ion Ratio Lower Upper

119 100

91 68.7 28.5 85.6

134 23.8 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

