

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021119\
 Data File : VX007471.D
 Acq On : 11 Feb 2019 16:39
 Operator : JC/SP
 Sample : K1433-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW011-190207

Quant Time: Feb 12 12:25:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

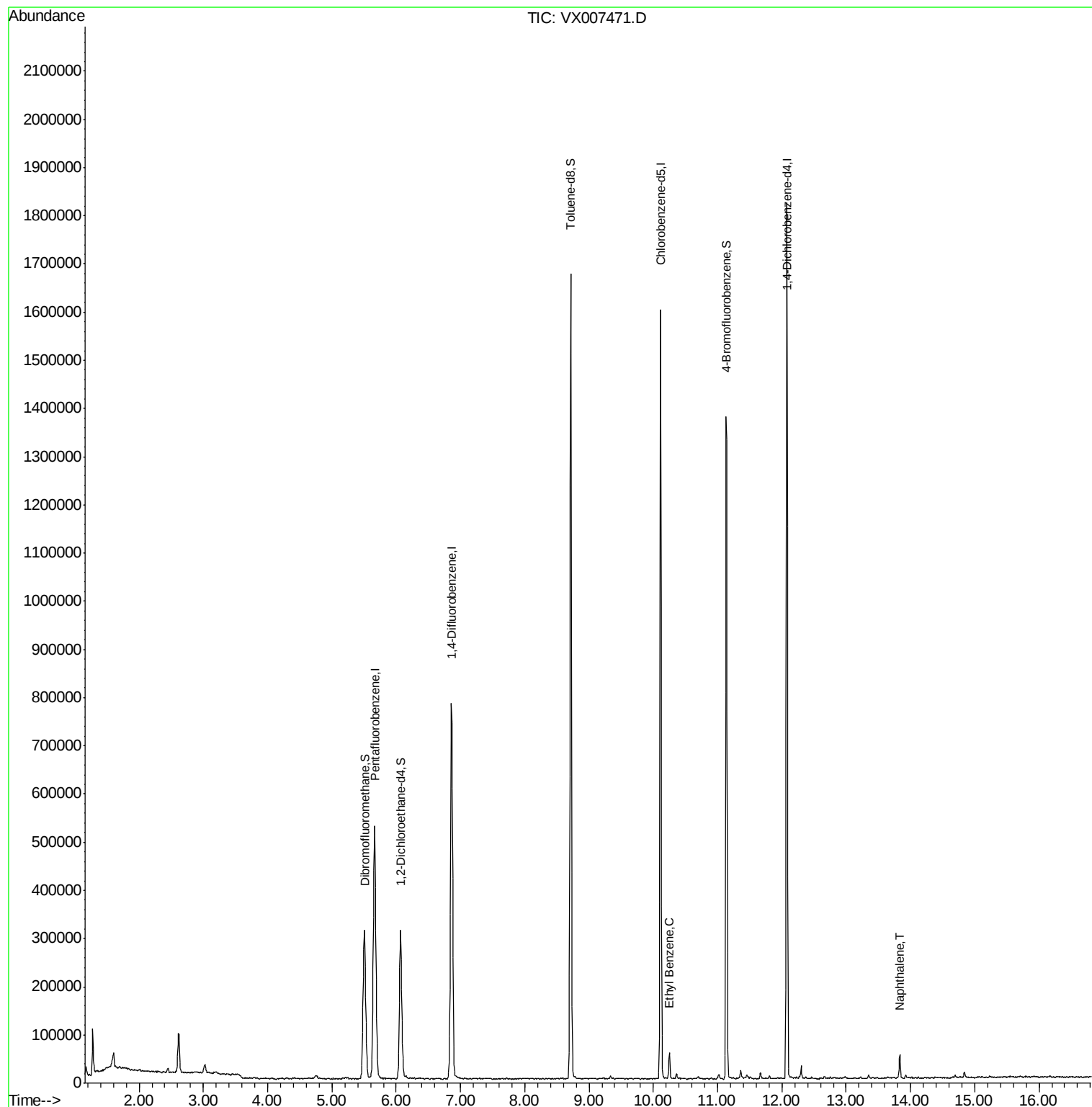
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	546468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	831269	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	783420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	381506	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	281949	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
35) Dibromofluoromethane	5.51	113	258157	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
50) Toluene-d8	8.71	98	993971	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.13	95	354990	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
Target Compounds						
67) Ethyl Benzene	10.25	91	32066	1.165	ug/l	94
95) Naphthalene	13.83	128	33566	1.305	ug/l	99

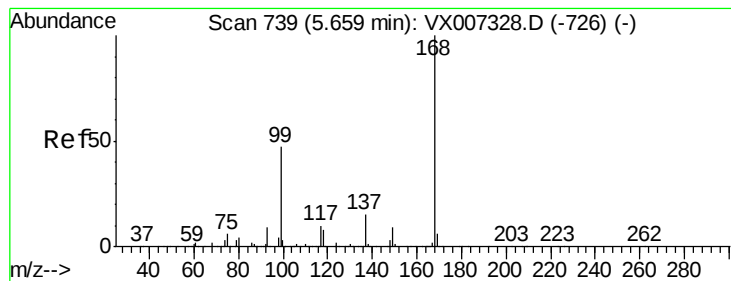
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007471.D

Acq: 11 Feb 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

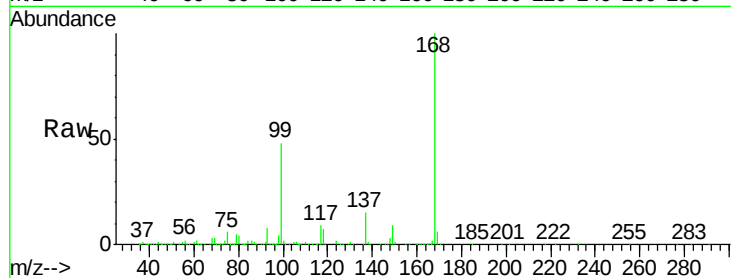
KY001MW011-190207

Tot Ion:168 Resp: 546468

Ion Ratio Lower Upper

168 100

99 47.8 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

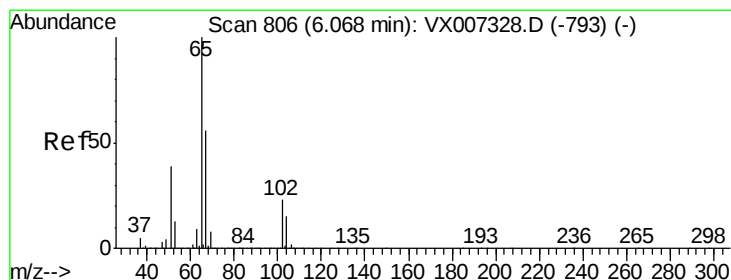
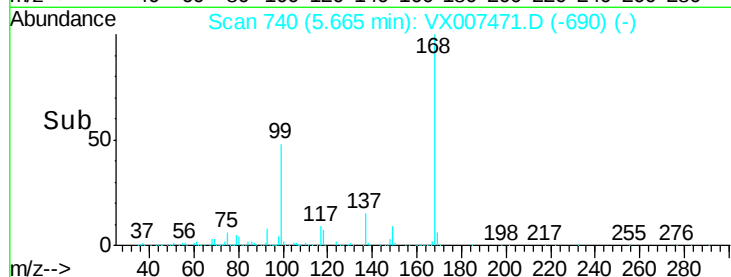
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.609 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007471.D

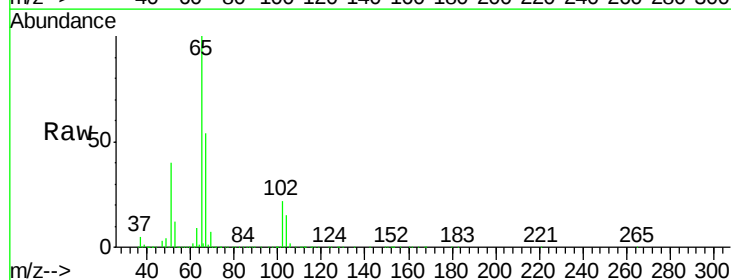
Acq: 11 Feb 2019 16:39

Tgt Ion: 65 Resp: 281949

Ion Ratio Lower Upper

65 100

67 54.5 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

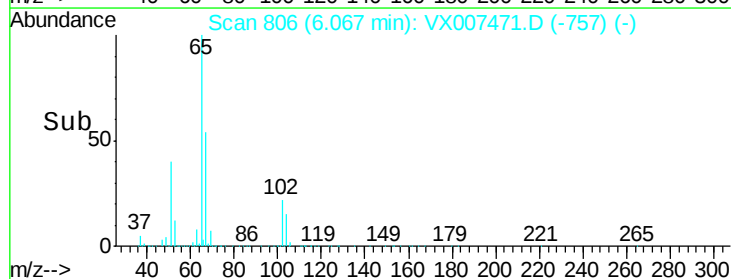
60000

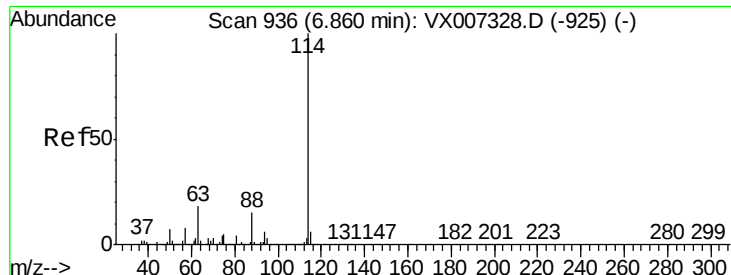
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007471.D

Acq: 11 Feb 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

KY001MW011-190207

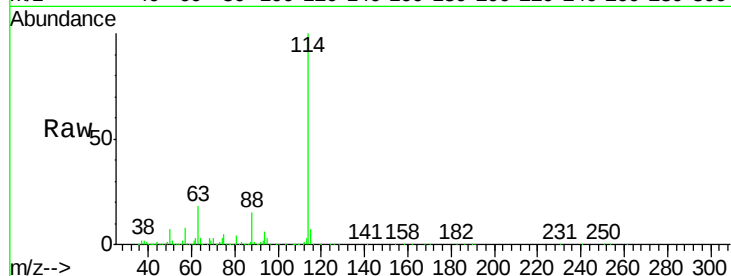
Tot Ion:114 Resp: 831269

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

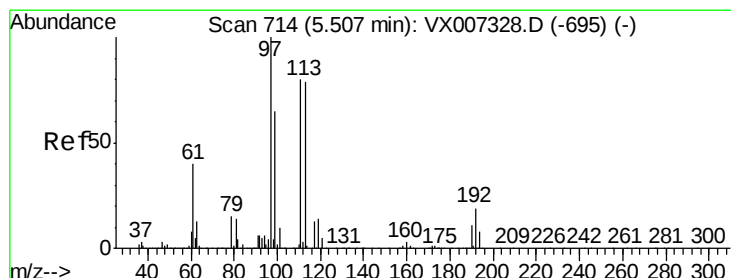
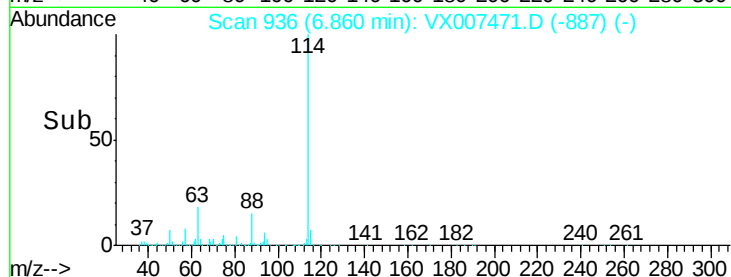
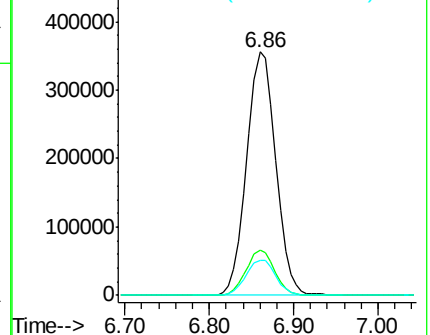
88 14.6 0.0 29.6



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: 47.729 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007471.D

Acq: 11 Feb 2019 16:39

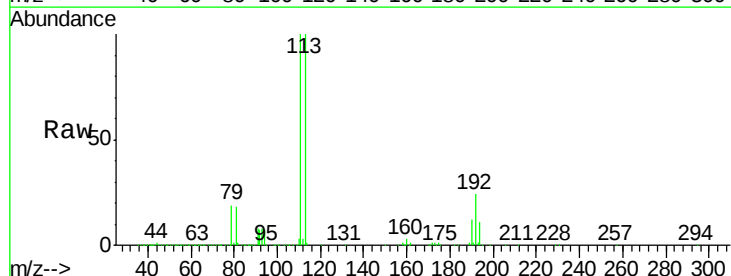
Tgt Ion:113 Resp: 258157

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.8

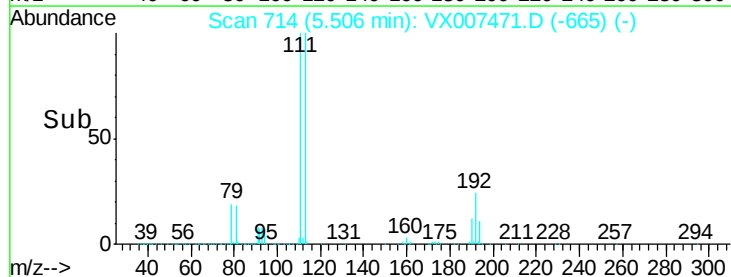
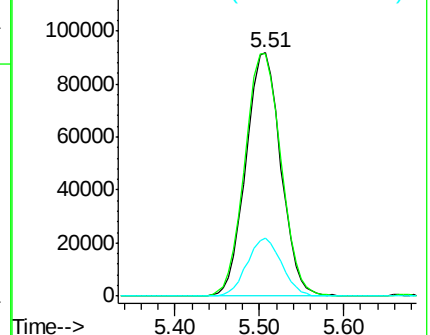
192 23.7 18.5 27.7

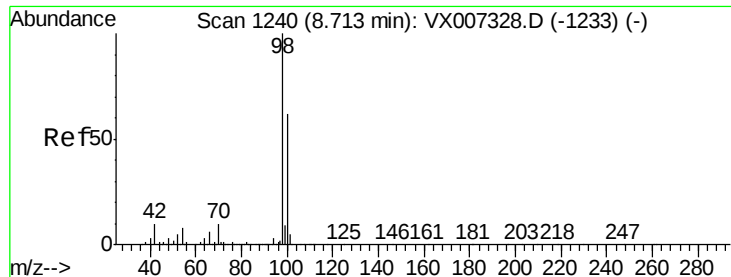


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.531 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007471.D

Acq: 11 Feb 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

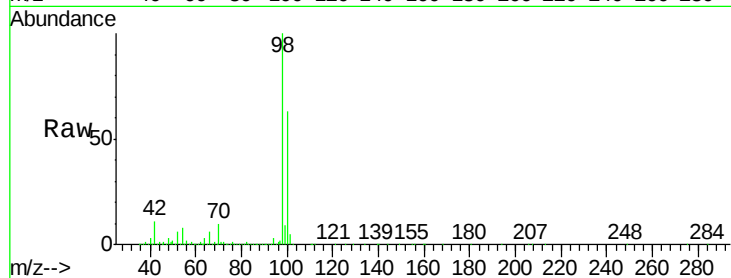
KY001MW011-190207

Tot Ion: 98 Resp: 993971

Ion Ratio Lower Upper

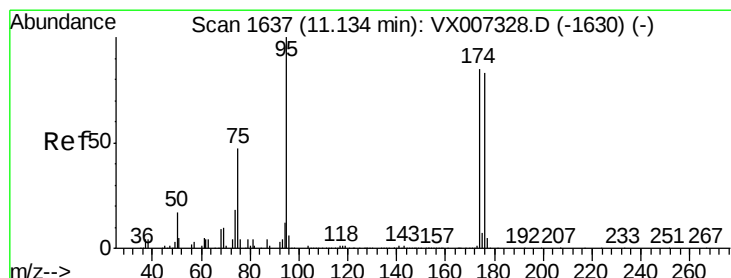
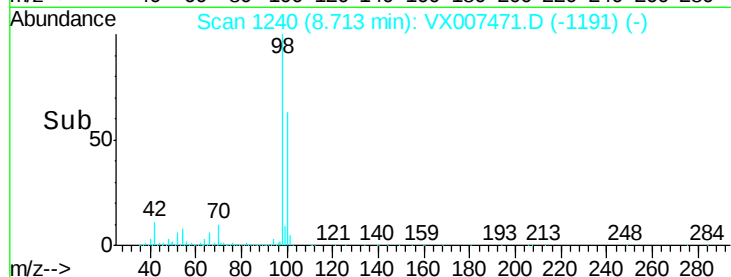
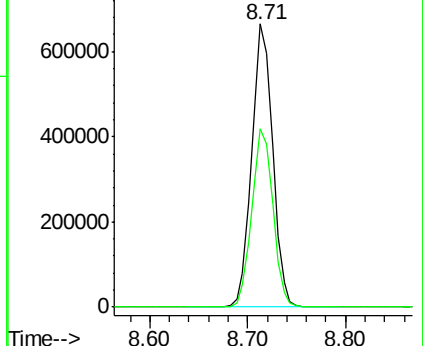
98 100

100 63.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 48.452 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007471.D

Acq: 11 Feb 2019 16:39

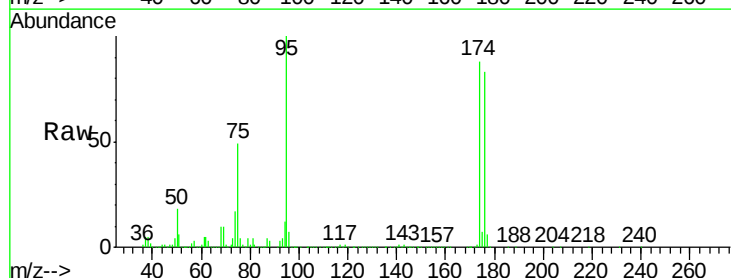
Tgt Ion: 95 Resp: 354990

Ion Ratio Lower Upper

95 100

174 94.5 0.0 189.2

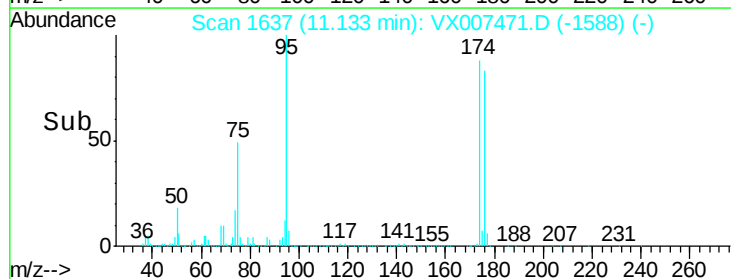
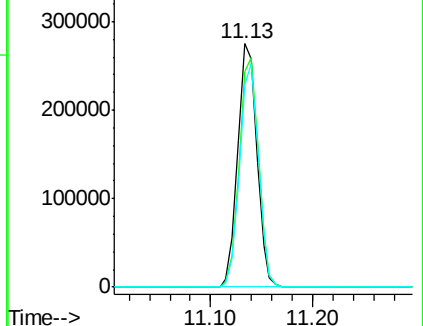
176 90.8 0.0 186.2

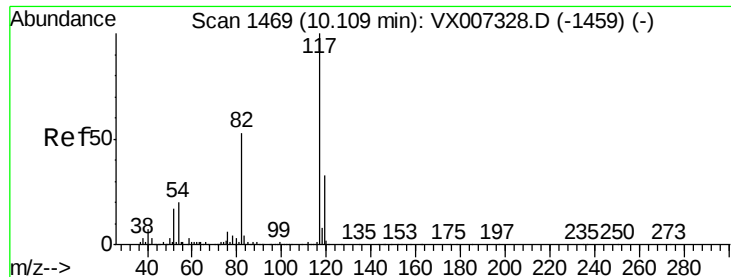


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

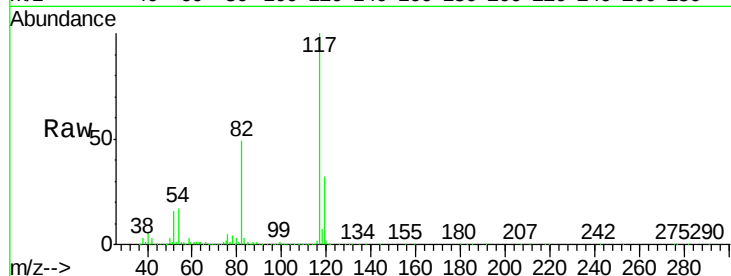




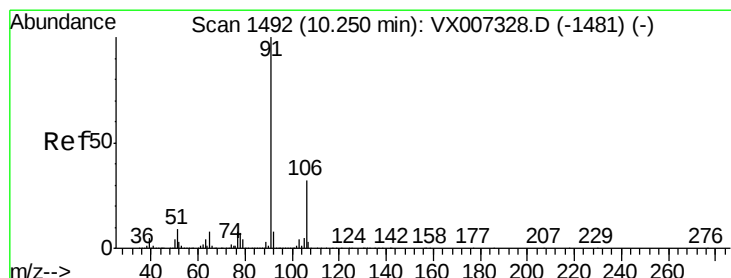
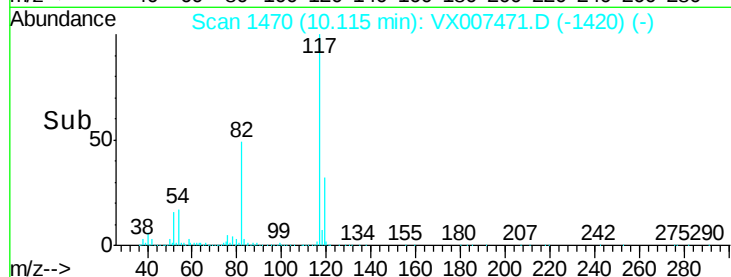
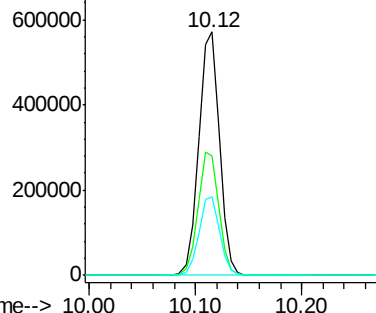
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007471.D
Acq: 11 Feb 2019 16:39

Instrument :
MSVOA_X
ClientSampleId :
KY001MW011-190207

Tot Ion:117 Resp: 783420
Ion Ratio Lower Upper
117 100
82 49.1 42.1 63.1
119 32.3 26.5 39.7

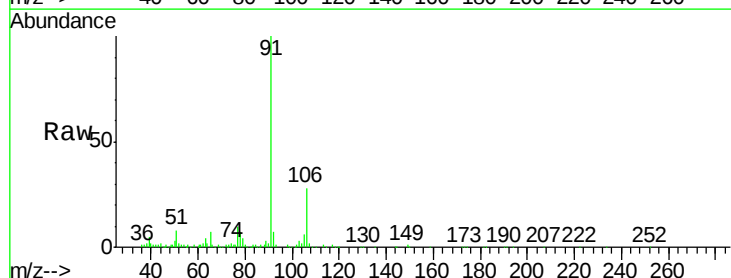


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

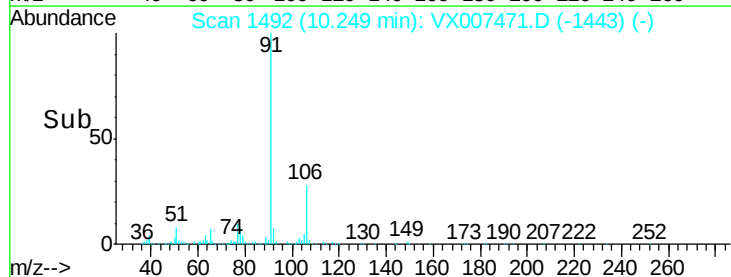
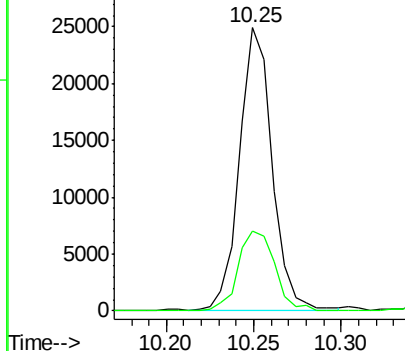


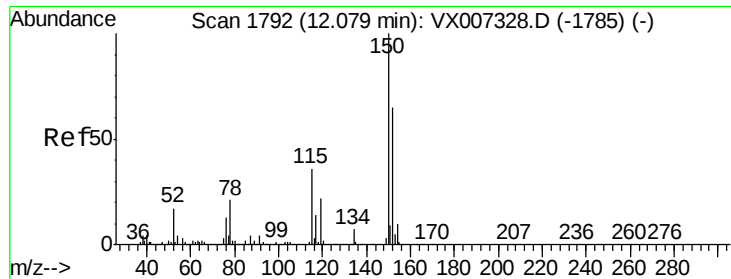
#67
Ethyl Benzene
Concen: 1.165 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007471.D
Acq: 11 Feb 2019 16:39

Tgt Ion: 91 Resp: 32066
Ion Ratio Lower Upper
91 100
106 28.3 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007471.D

Acq: 11 Feb 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

KY001MW011-190207

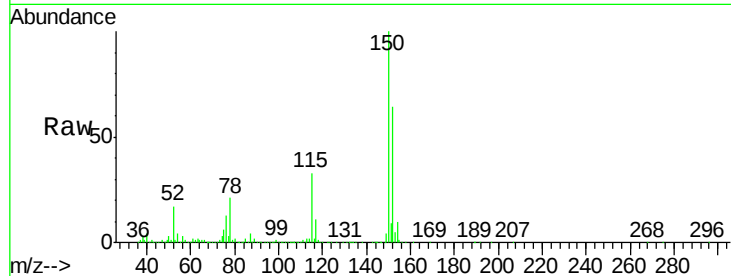
Tot Ion:152 Resp: 381506

Ion Ratio Lower Upper

152 100

115 53.6 38.0 114.0

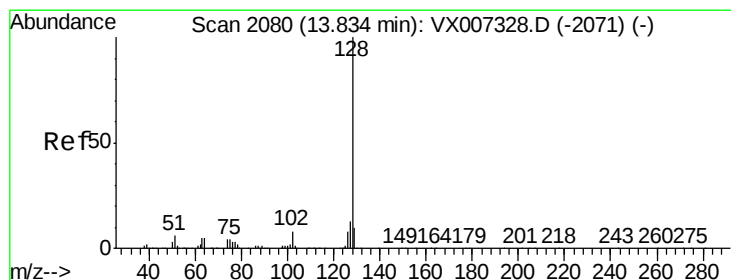
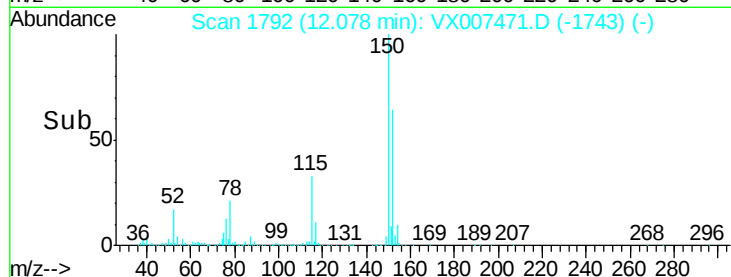
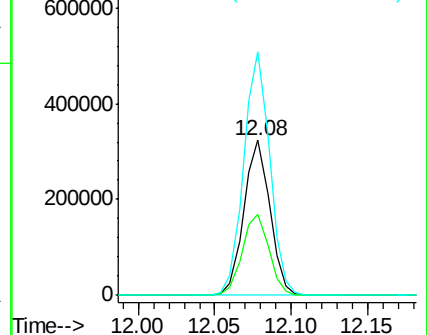
150 157.0 0.0 346.4



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



#95

Naphthalene

Concen: 1.305 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007471.D

Acq: 11 Feb 2019 16:39

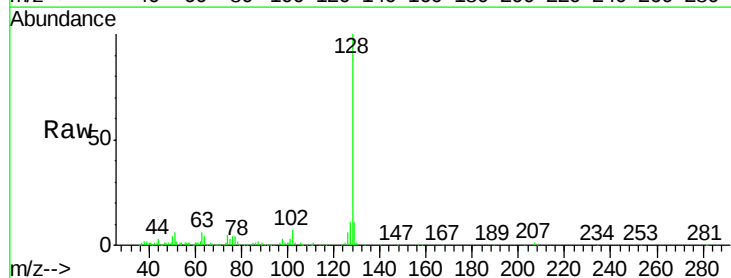
Tgt Ion:128 Resp: 33566

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 11.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

