

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092619\
 Data File : VX012684.D
 Acq On : 26 Sep 2019 19:10
 Operator : JC/SP
 Sample : K5049-06DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7DL

Quant Time: Sep 27 01:52:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

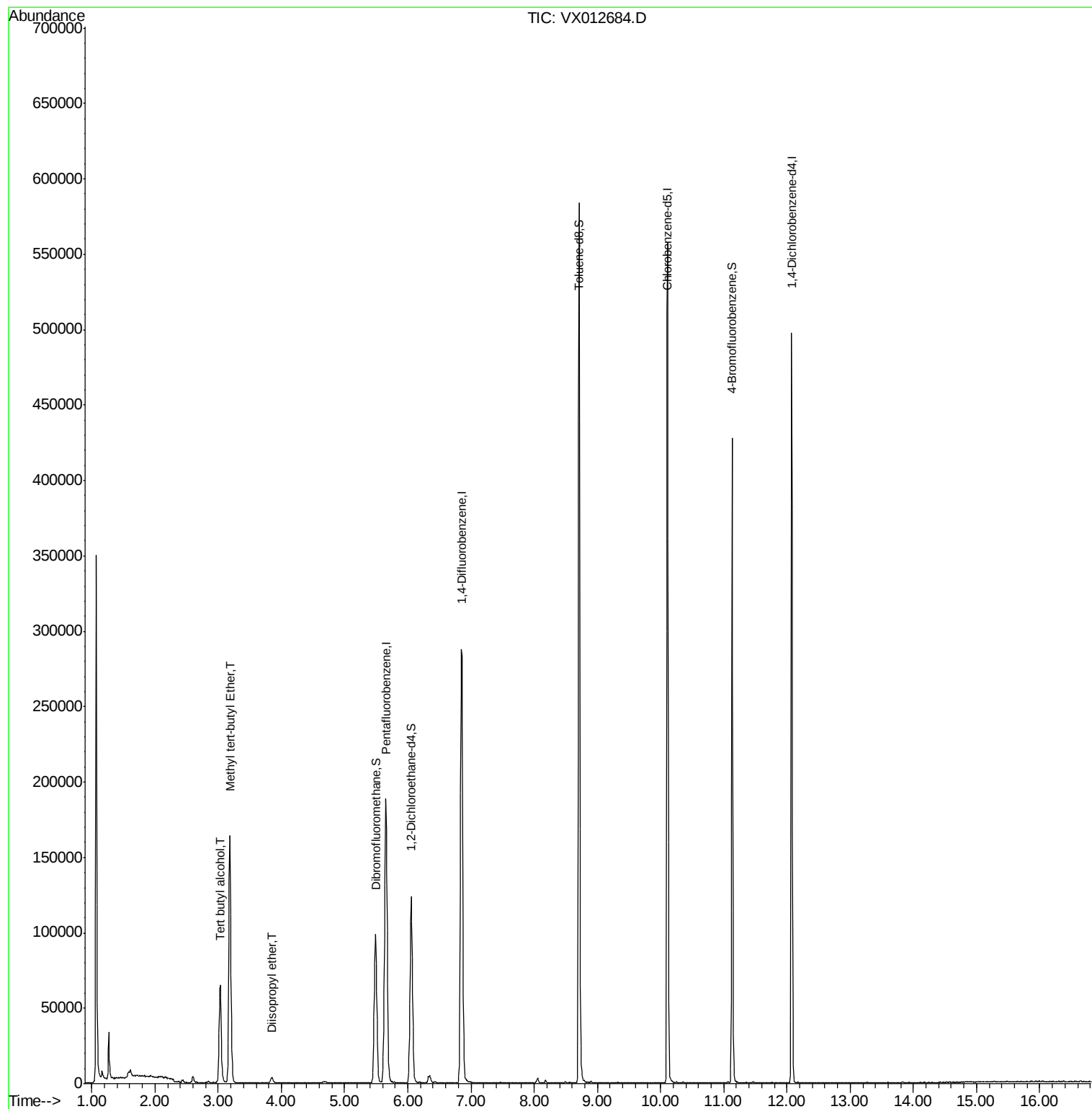
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	164520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	289480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	93203	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119647	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
35) Dibromofluoromethane	5.49	113	85314	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
50) Toluene-d8	8.71	98	339708	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	11.14	95	118560	45.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.84%	
Target Compounds						
11) Tert butyl alcohol	3.03	59	80406	134.353	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	187320	27.977	ug/l	100
22) Diisopropyl ether	3.84	45	3682	0.543	ug/l #	77

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

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QLast Update : Mon Sep 23 12:27:01 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012684.D

Acq: 26 Sep 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

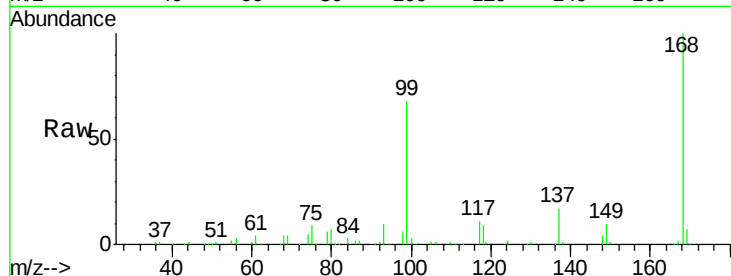
MW-7DL

Tot Ion:168 Resp: 164520

Ion Ratio Lower Upper

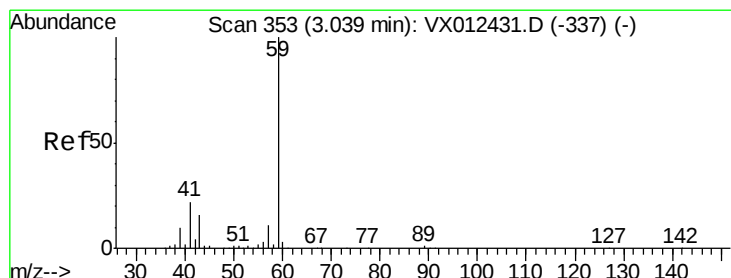
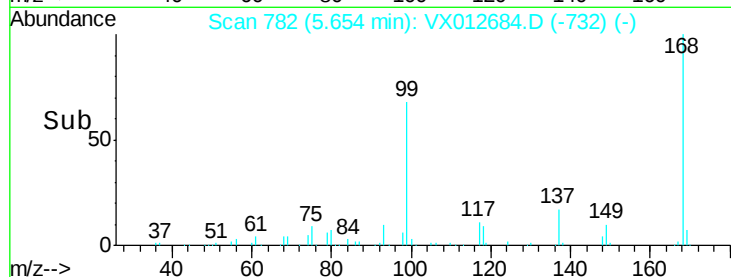
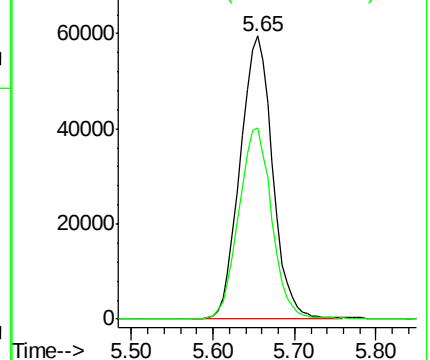
168 100

99 67.5 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 134.353 ug/l

RT: 3.03 min Scan# 352

Delta R.T. -0.01 min

Lab File: VX012684.D

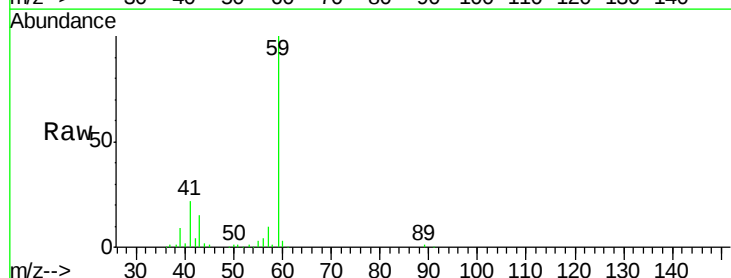
Acq: 26 Sep 2019 19:10

Tgt Ion: 59 Resp: 80406

Ion Ratio Lower Upper

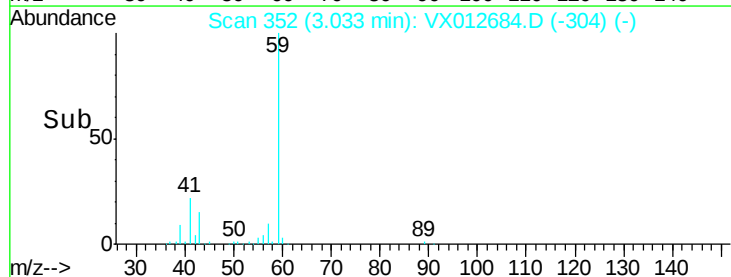
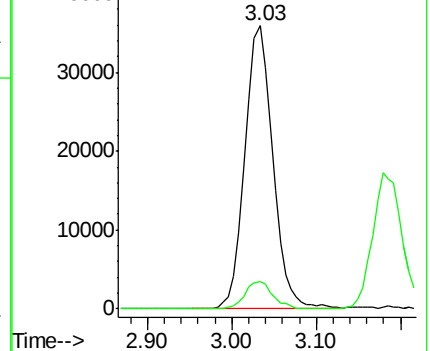
59 100

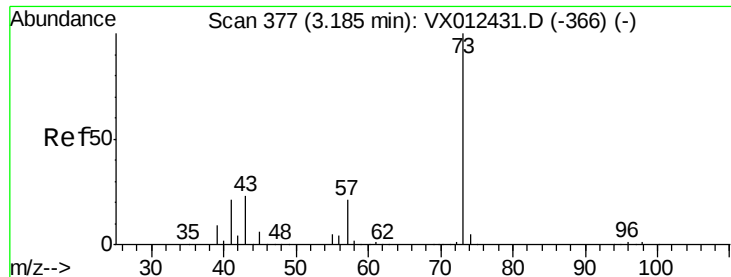
57 9.7 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



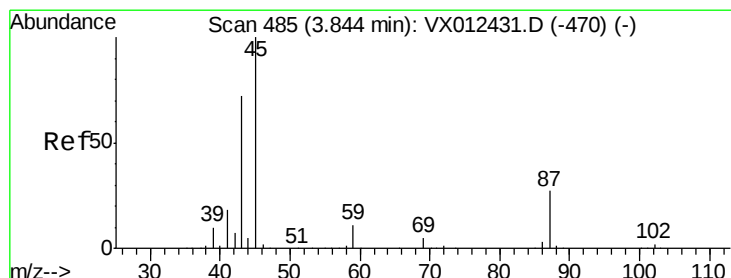
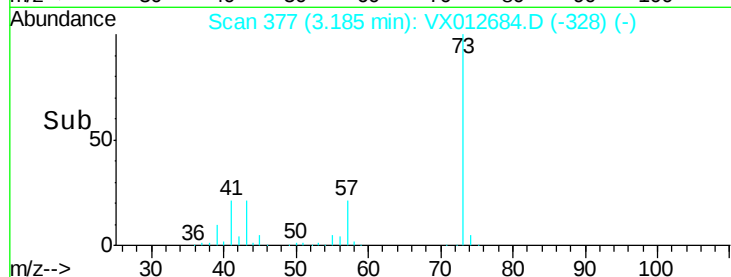
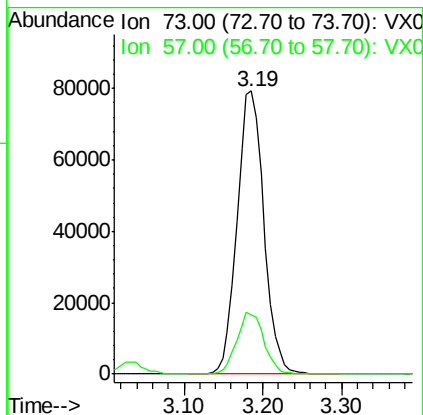
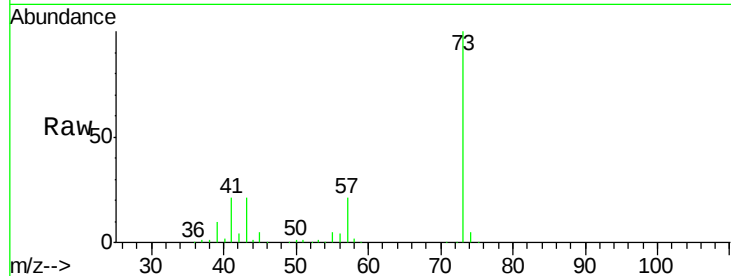


#19

Methyl tert-butyl Ether
 Concen: 27.977 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX012684.D
 Acq: 26 Sep 2019 19:10

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7DL

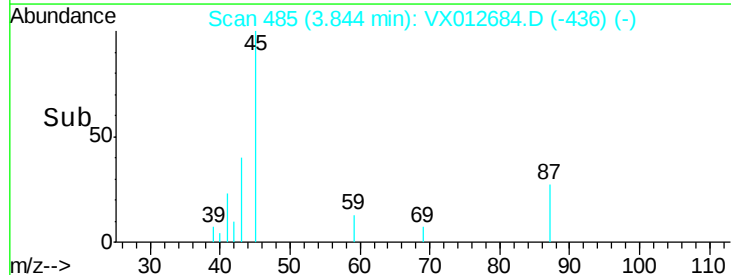
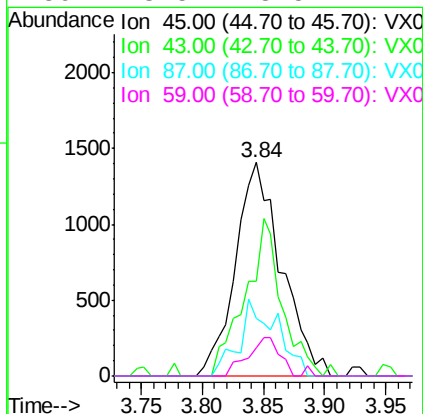
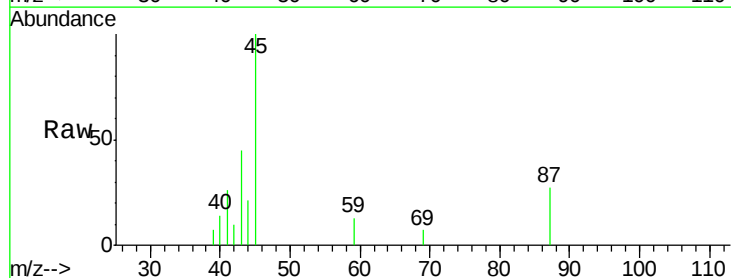
Tot Ion: 73 Resp: 187320
 Ion Ratio Lower Upper
 73 100
 57 20.9 16.8 25.2

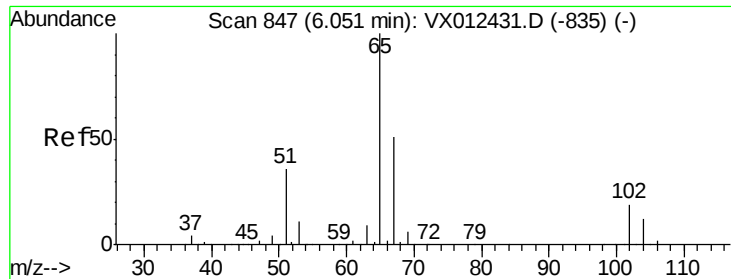


#22

Diisopropyl ether
 Concen: 0.543 ug/l
 RT: 3.84 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: VX012684.D
 Acq: 26 Sep 2019 19:10

Tgt Ion: 45 Resp: 3682
 Ion Ratio Lower Upper
 45 100
 43 44.6 57.8 86.8#
 87 27.0 21.3 31.9
 59 13.5 8.5 12.7#

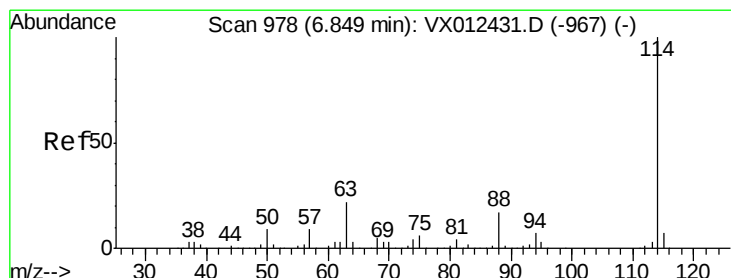
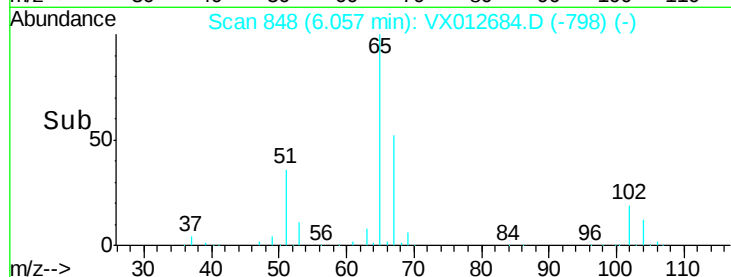
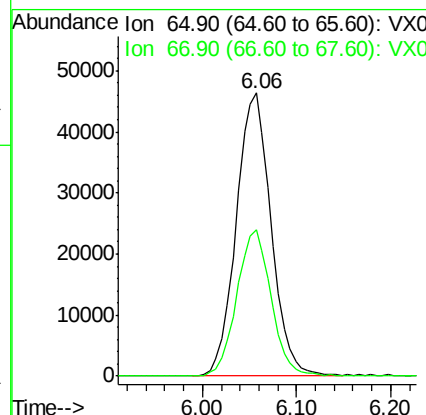
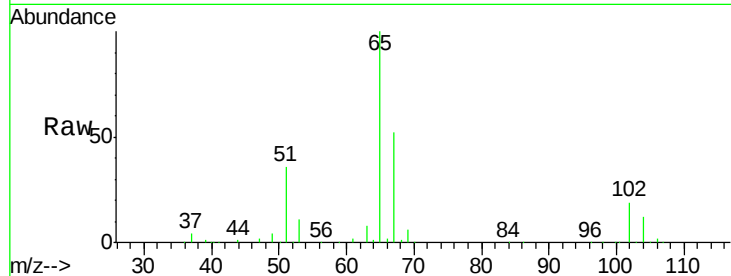




#33
 1,2-Dichloroethane-d4
 Concen: 49.942 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012684.D
 Acq: 26 Sep 2019 19:10

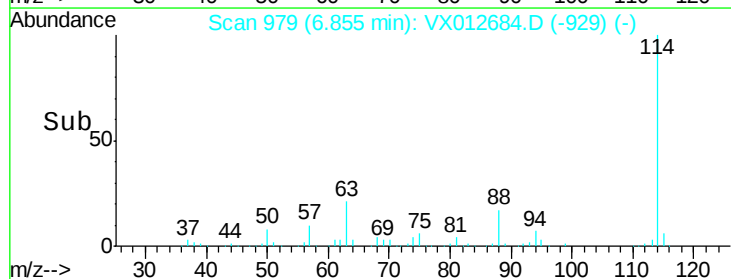
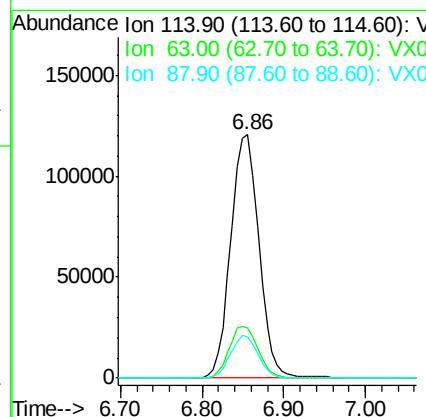
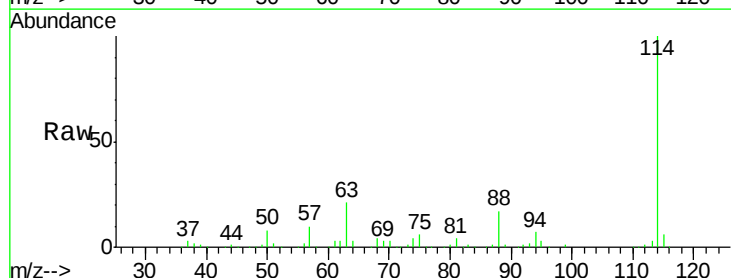
Instrument :
 MSVOA_X
 ClientSampled :
 MW-7DL

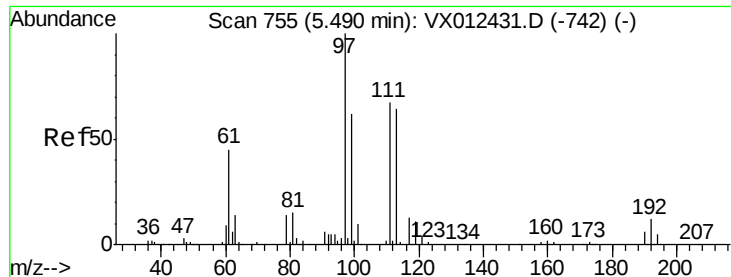
Tot Ion: 65 Resp: 119647
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX012684.D
 Acq: 26 Sep 2019 19:10

Tgt Ion: 114 Resp: 289480
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.2
 88 16.8 0.0 33.2

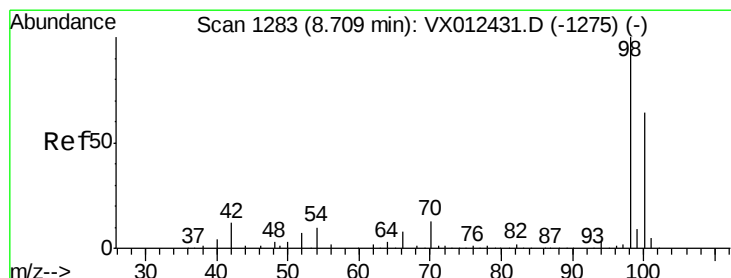
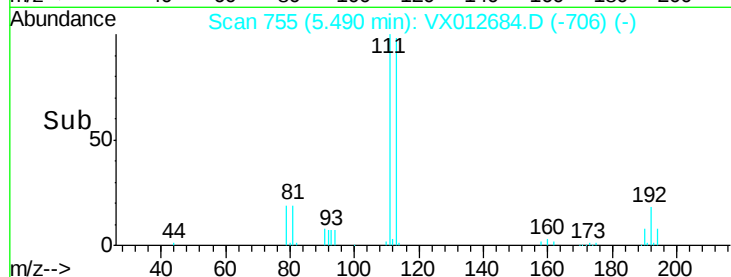
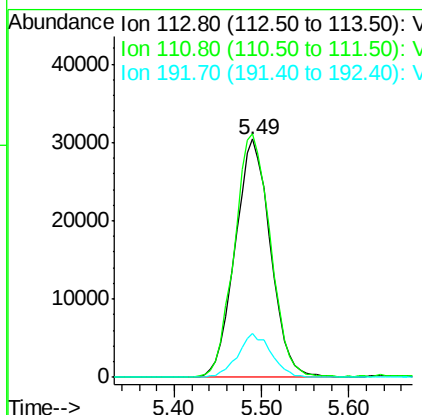
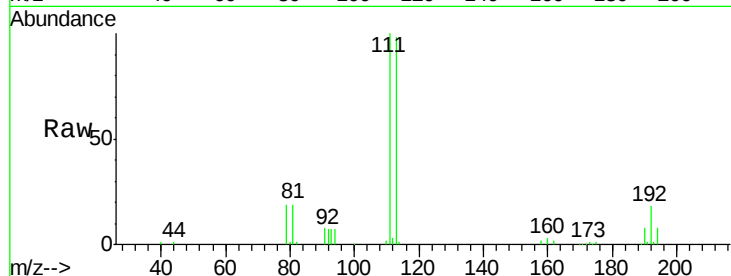




#35
 Dibromofluoromethane
 Concen: 49.487 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012684.D
 Acq: 26 Sep 2019 19:10

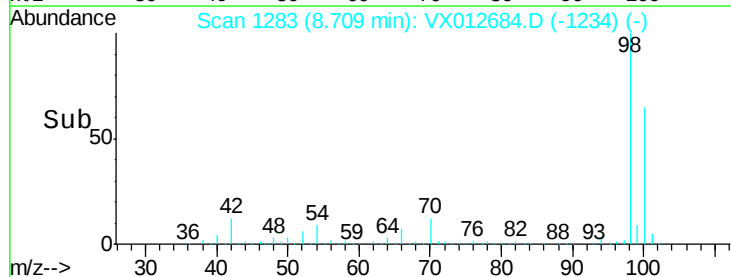
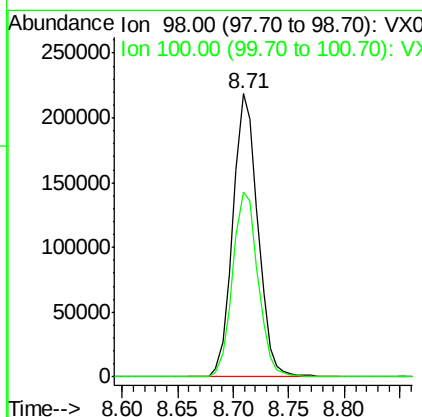
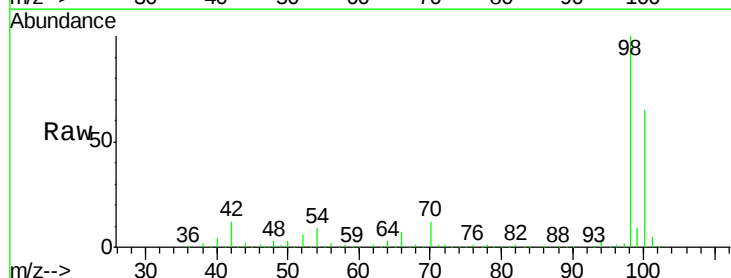
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7DL

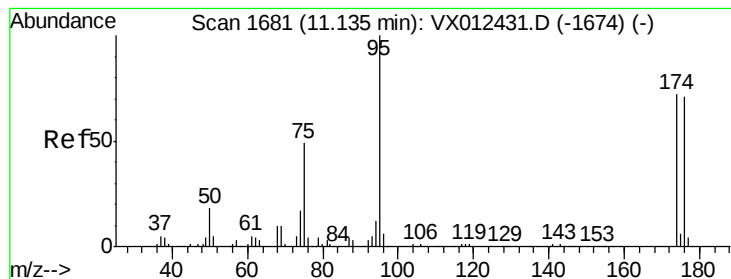
Tot Ion:113 Resp: 85314
 Ion Ratio Lower Upper
 113 100
 111 104.3 83.4 125.2
 192 17.6 14.4 21.6



#50
 Toluene-d8
 Concen: 51.167 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012684.D
 Acq: 26 Sep 2019 19:10

Tgt Ion: 98 Resp: 339708
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.4 80.2





#62

4-Bromofluorobenzene

Concen: 45.416 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012684.D

Acq: 26 Sep 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

MW-7DL

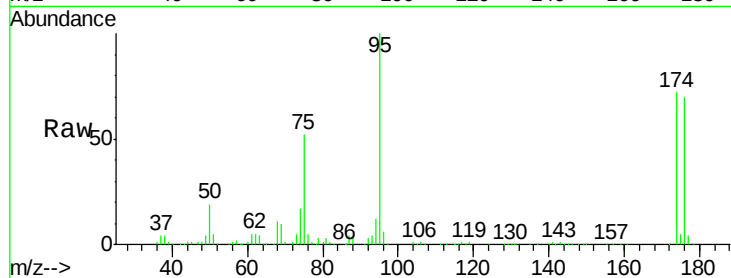
Tot Ion: 95 Resp: 118560

Ion Ratio Lower Upper

95 100

174 68.1 0.0 140.0

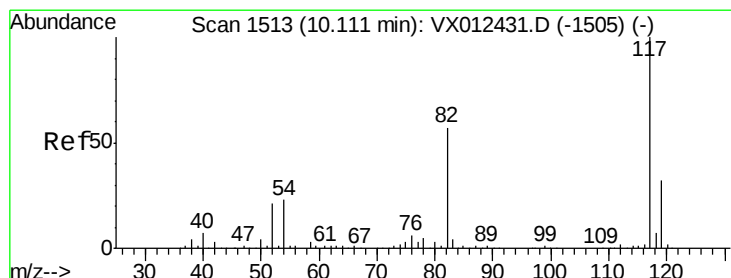
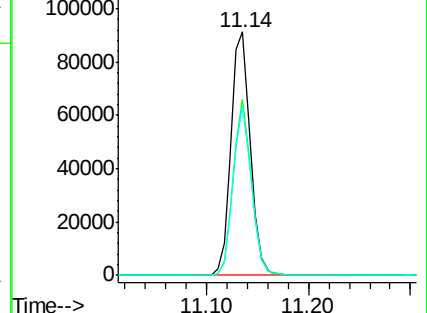
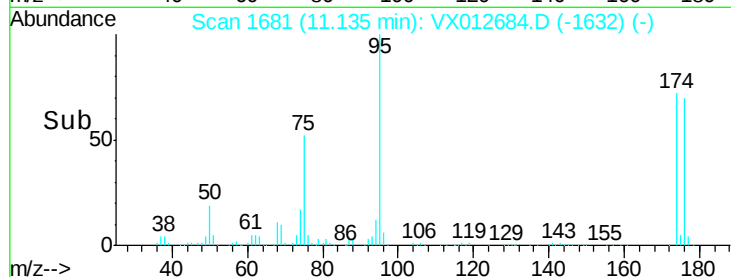
176 66.2 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012684.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012684.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012684.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012684.D

Acq: 26 Sep 2019 19:10

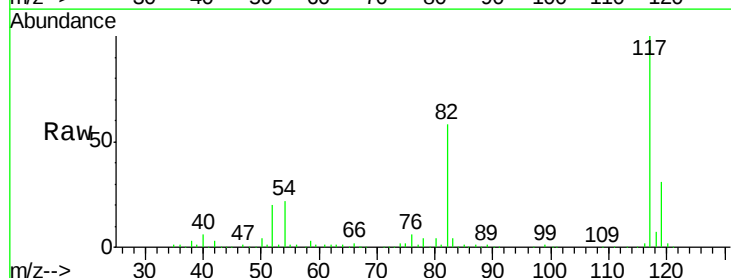
Tgt Ion: 117 Resp: 246102

Ion Ratio Lower Upper

117 100

82 58.1 45.9 68.9

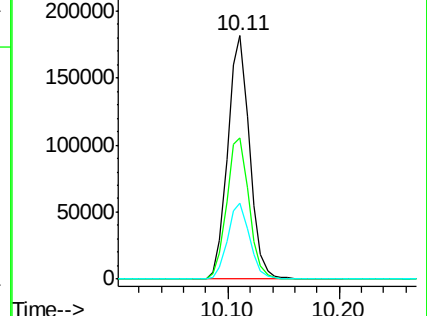
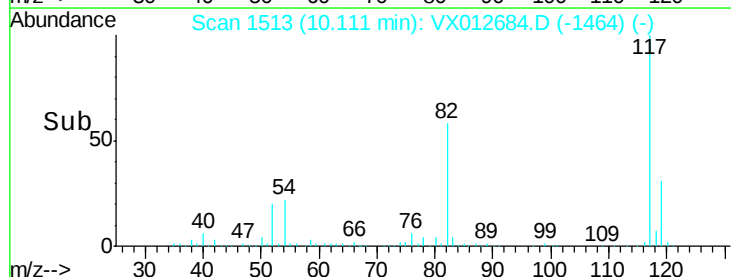
119 31.4 25.3 37.9

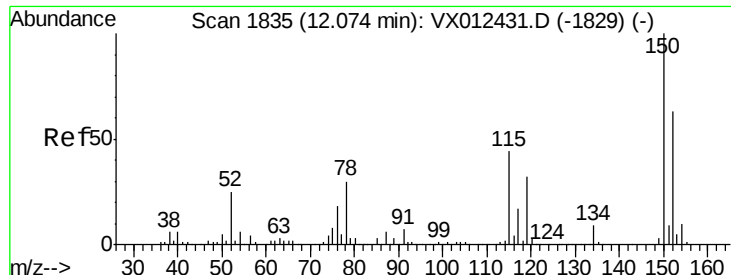


Abundance Ion 116.90 (116.60 to 117.60): VX012684.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012684.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012684.D (-1464) (-)

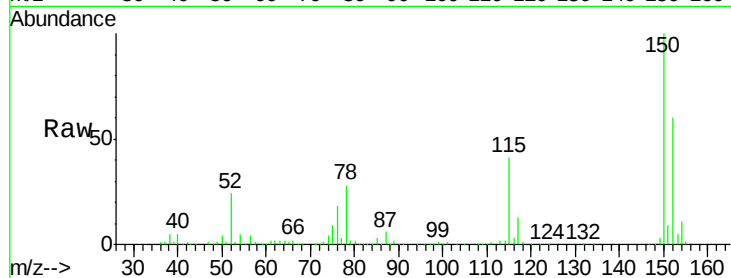




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012684.D
 Acq: 26 Sep 2019 19:10

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7DL

Tot Ion:152 Resp: 93203
 Ion Ratio Lower Upper
 152 100
 115 68.0 44.1 132.3
 150 160.6 0.0 343.8



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

