

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092619\
 Data File : VX012681.D
 Acq On : 26 Sep 2019 18:00
 Operator : JC/SP
 Sample : K5049-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Quant Time: Sep 27 01:28:06 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

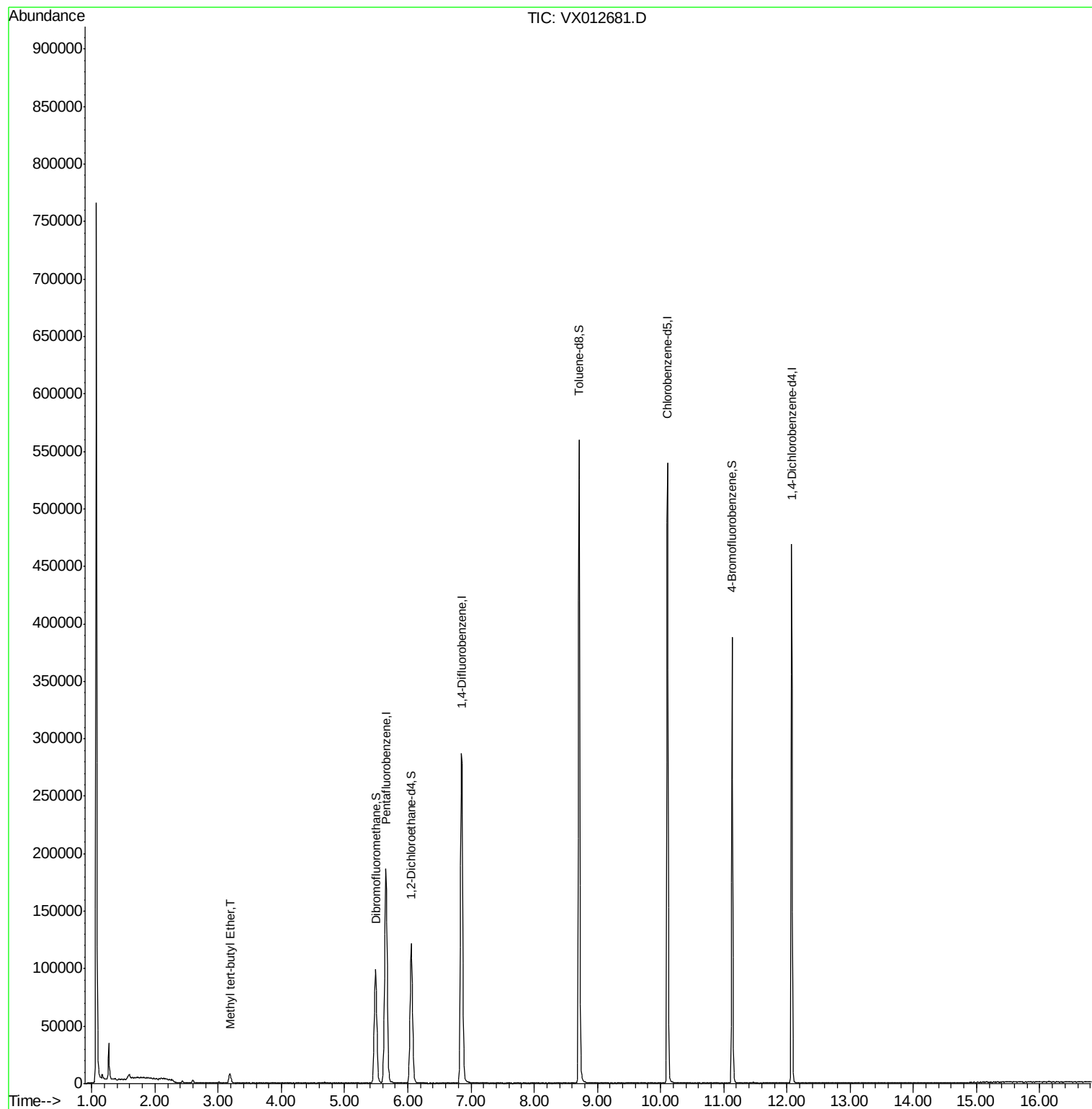
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	164701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	282458	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	85332	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119791	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
35) Dibromofluoromethane	5.49	113	85308	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	8.71	98	330063	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	11.14	95	110536	43.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.78%	
Target Compounds						
19) Methyl tert-butyl Ether	3.18	73	9298	1.387	ug/l	Qvalue 98

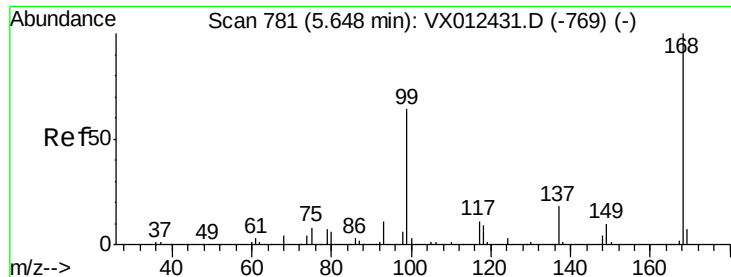
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012681.D

Acq: 26 Sep 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

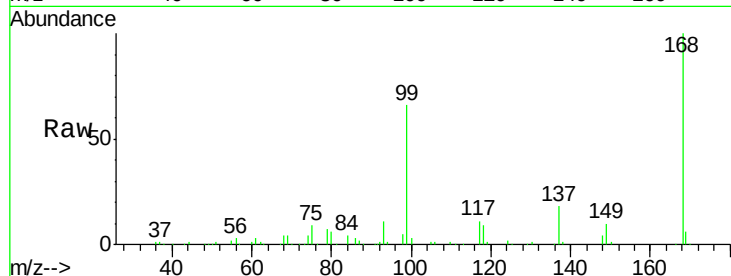
MW-5

Tot Ion:168 Resp: 164701

Ion Ratio Lower Upper

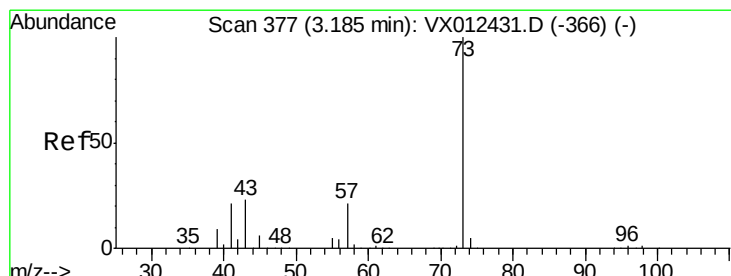
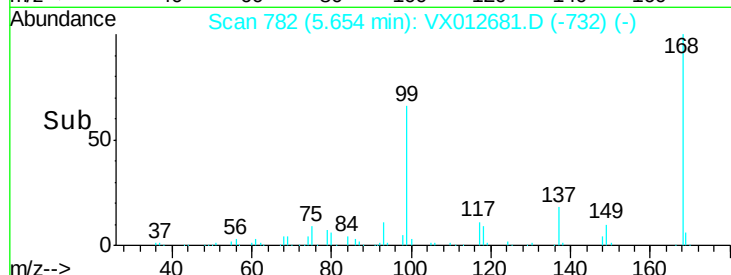
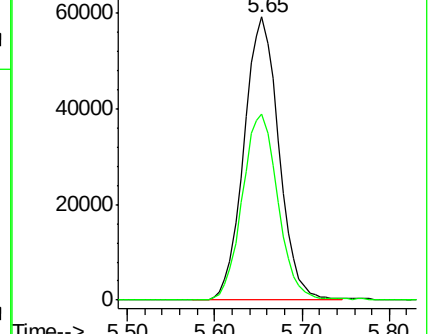
168 100

99 65.7 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#19

Methyl tert-butyl Ether

Concen: 1.387 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX012681.D

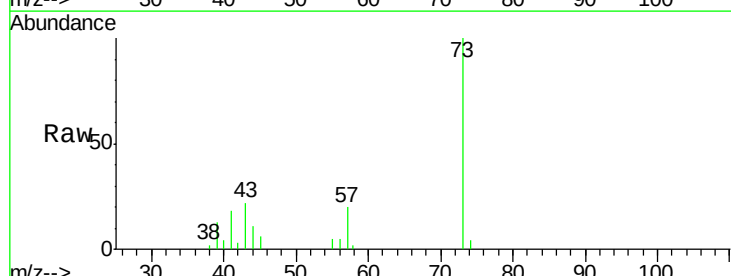
Acq: 26 Sep 2019 18:00

Tgt Ion: 73 Resp: 9298

Ion Ratio Lower Upper

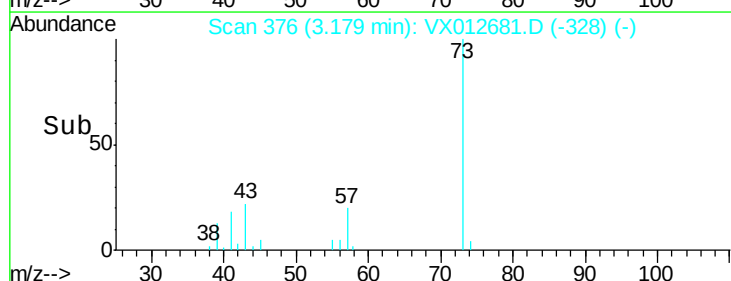
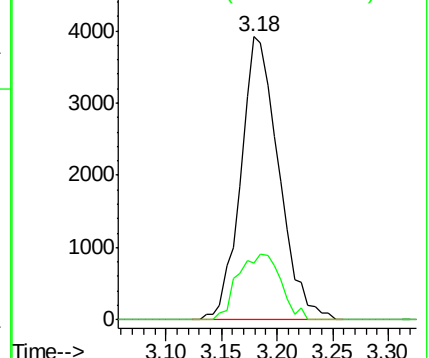
73 100

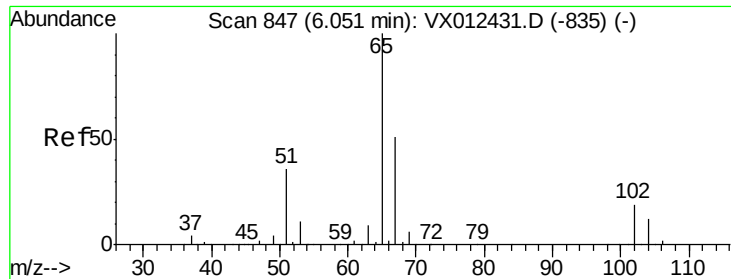
57 20.2 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

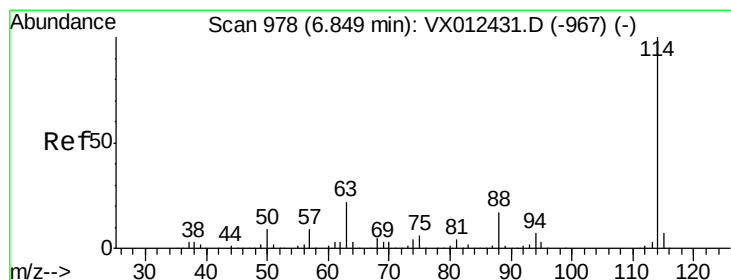
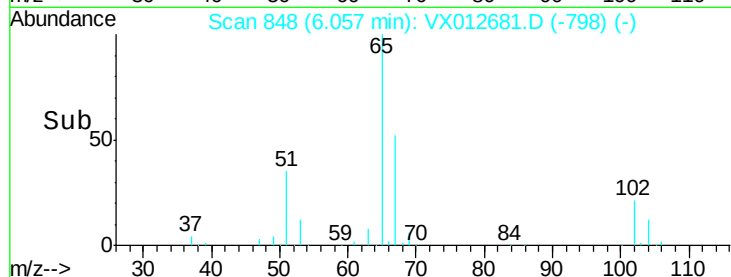
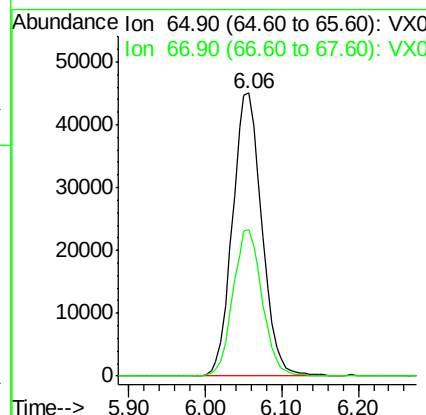
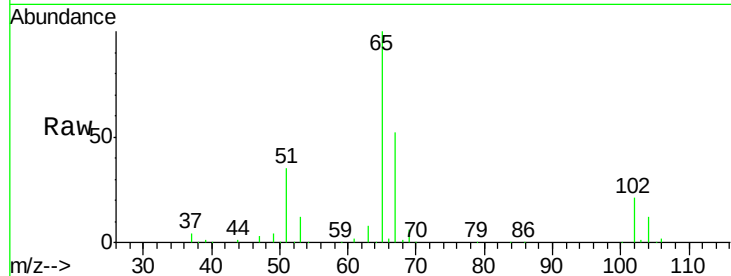




#33
 1,2-Dichloroethane-d4
 Concen: 49.947 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012681.D
 Acq: 26 Sep 2019 18:00

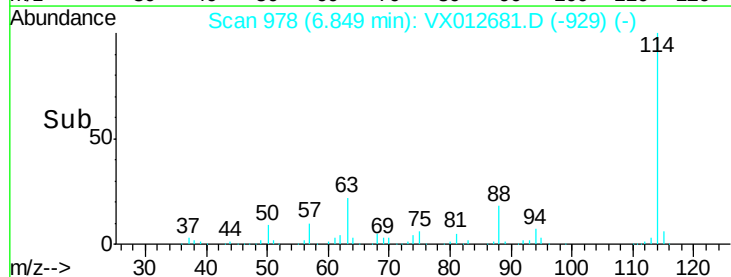
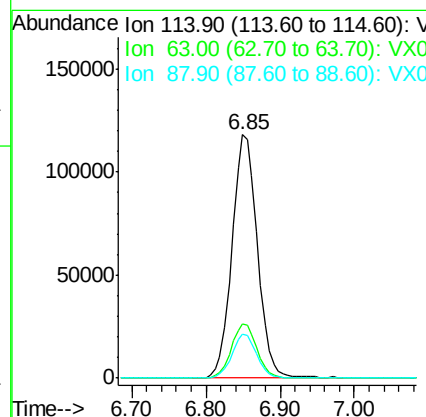
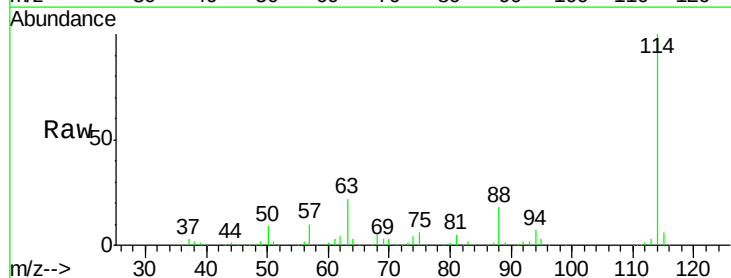
Instrument :
 MSVOA_X
 ClientSampled :
 MW-5

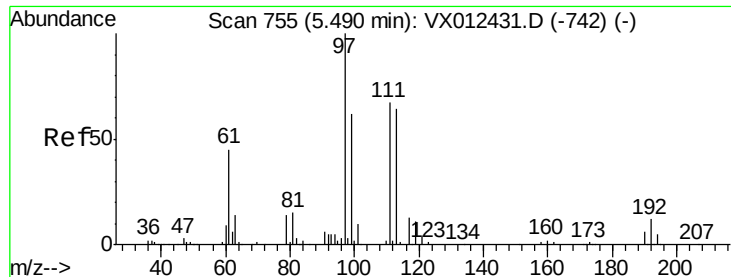
Tot Ion: 65 Resp: 119791
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012681.D
 Acq: 26 Sep 2019 18:00

Tgt Ion: 114 Resp: 282458
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.2
 88 18.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.713 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012681.D

Acq: 26 Sep 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

MW-5

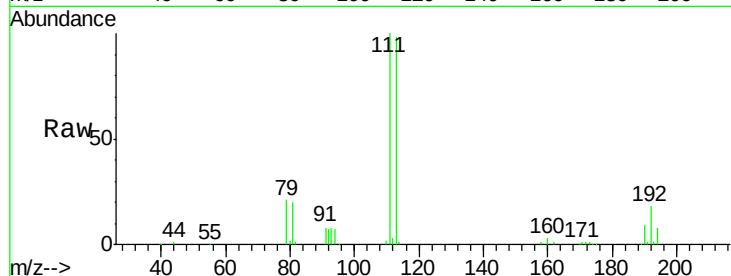
Tot Ion:113 Resp: 85308

Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.2

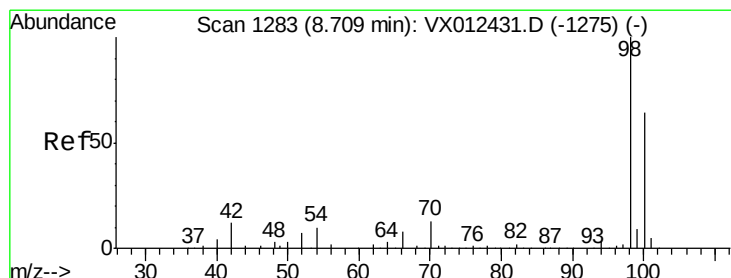
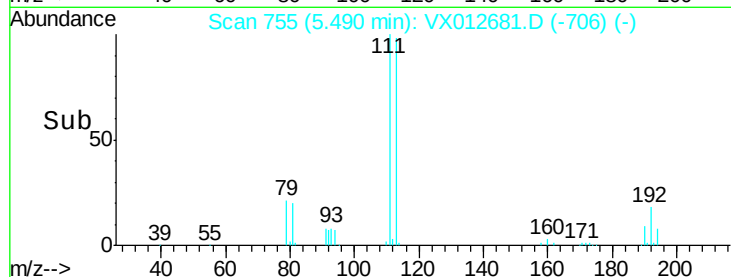
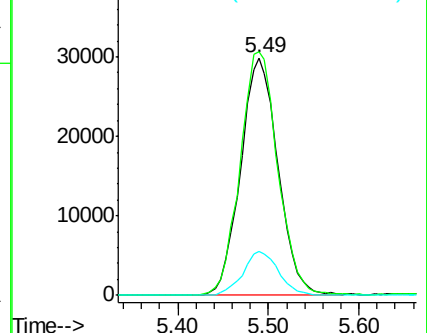
192 17.6 14.4 21.6



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: 50.951 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012681.D

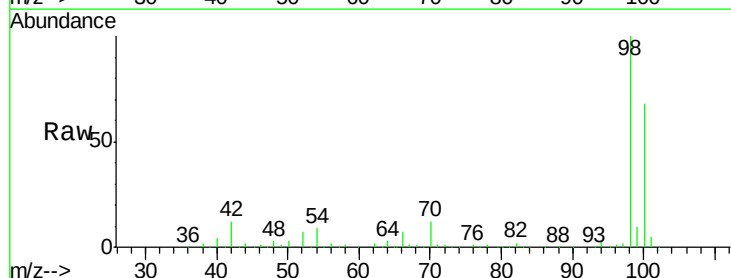
Acq: 26 Sep 2019 18:00

Tgt Ion: 98 Resp: 330063

Ion Ratio Lower Upper

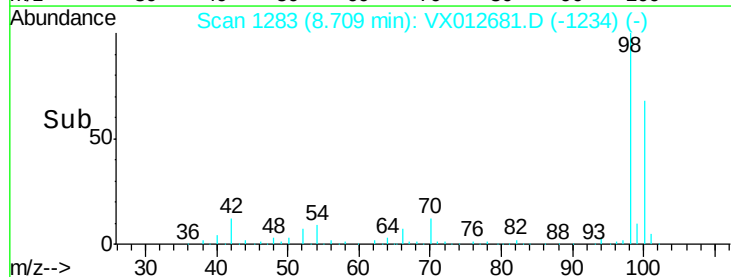
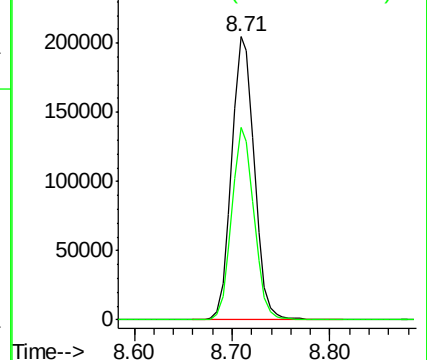
98 100

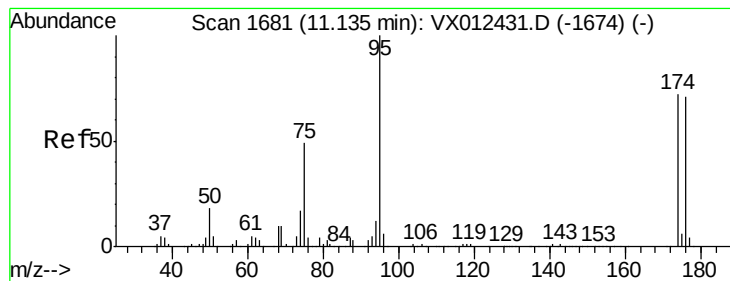
100 66.8 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 43.395 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012681.D

Acq: 26 Sep 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

MW-5

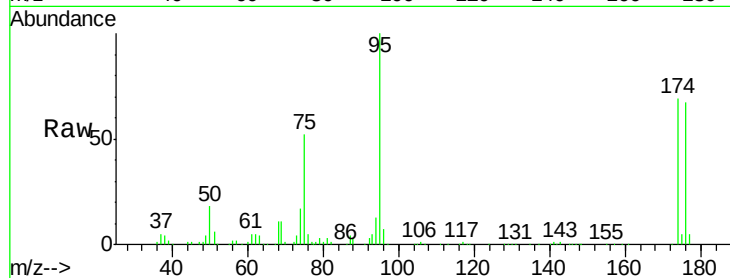
Tot Ion: 95 Resp: 110536

Ion Ratio Lower Upper

95 100

174 68.3 0.0 140.0

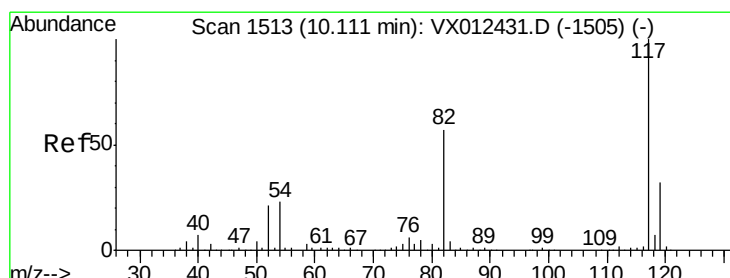
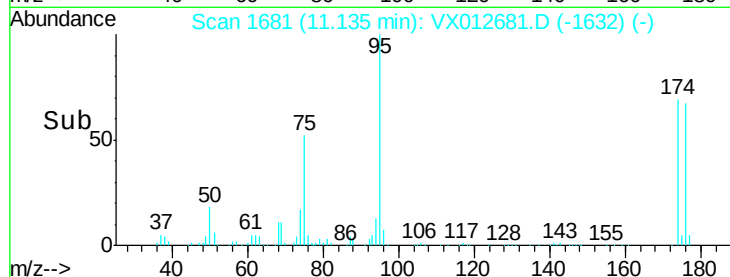
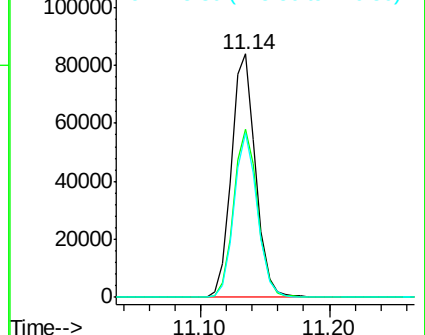
176 65.2 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012681.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012681.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012681.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012681.D

Acq: 26 Sep 2019 18:00

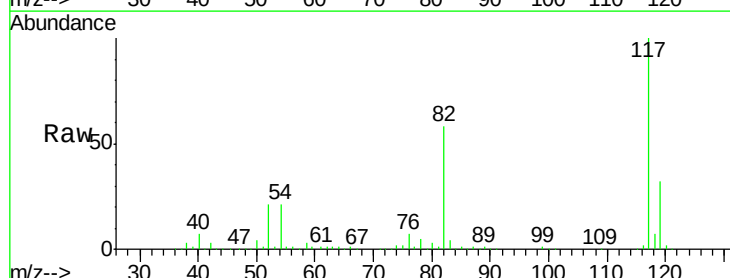
Tgt Ion: 117 Resp: 234600

Ion Ratio Lower Upper

117 100

82 58.0 45.9 68.9

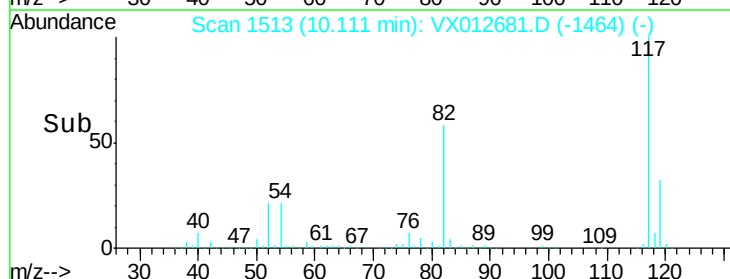
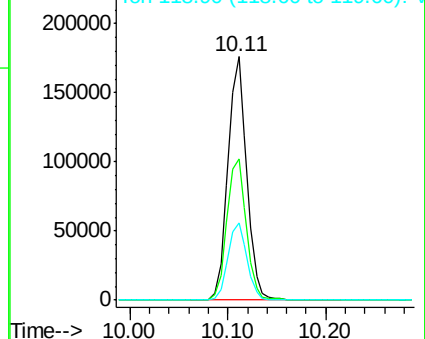
119 31.7 25.3 37.9

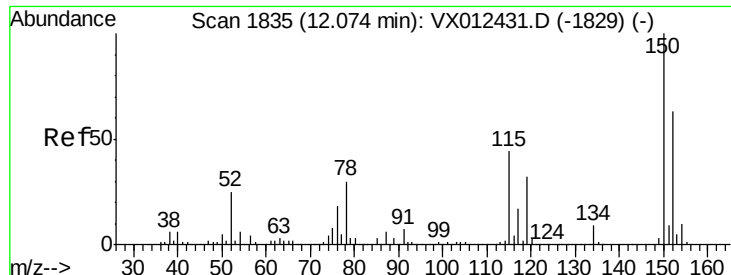


Abundance Ion 116.90 (116.60 to 117.60): VX012681.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012681.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012681.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: VX012681.D
 Acq: 26 Sep 2019 18:00

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Tot Ion:152 Resp: 85332
 Ion Ratio Lower Upper
 152 100
 115 66.9 44.1 132.3
 150 159.4 0.0 343.8

