

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090619\
 Data File : VX012153.D
 Acq On : 06 Sep 2019 17:33
 Operator : SY/SP
 Sample : K4601-09
 Misc : 3.24g/5.0mL/MSVOA X/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-E4-(2.7)

Quant Time: Sep 07 02:10:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

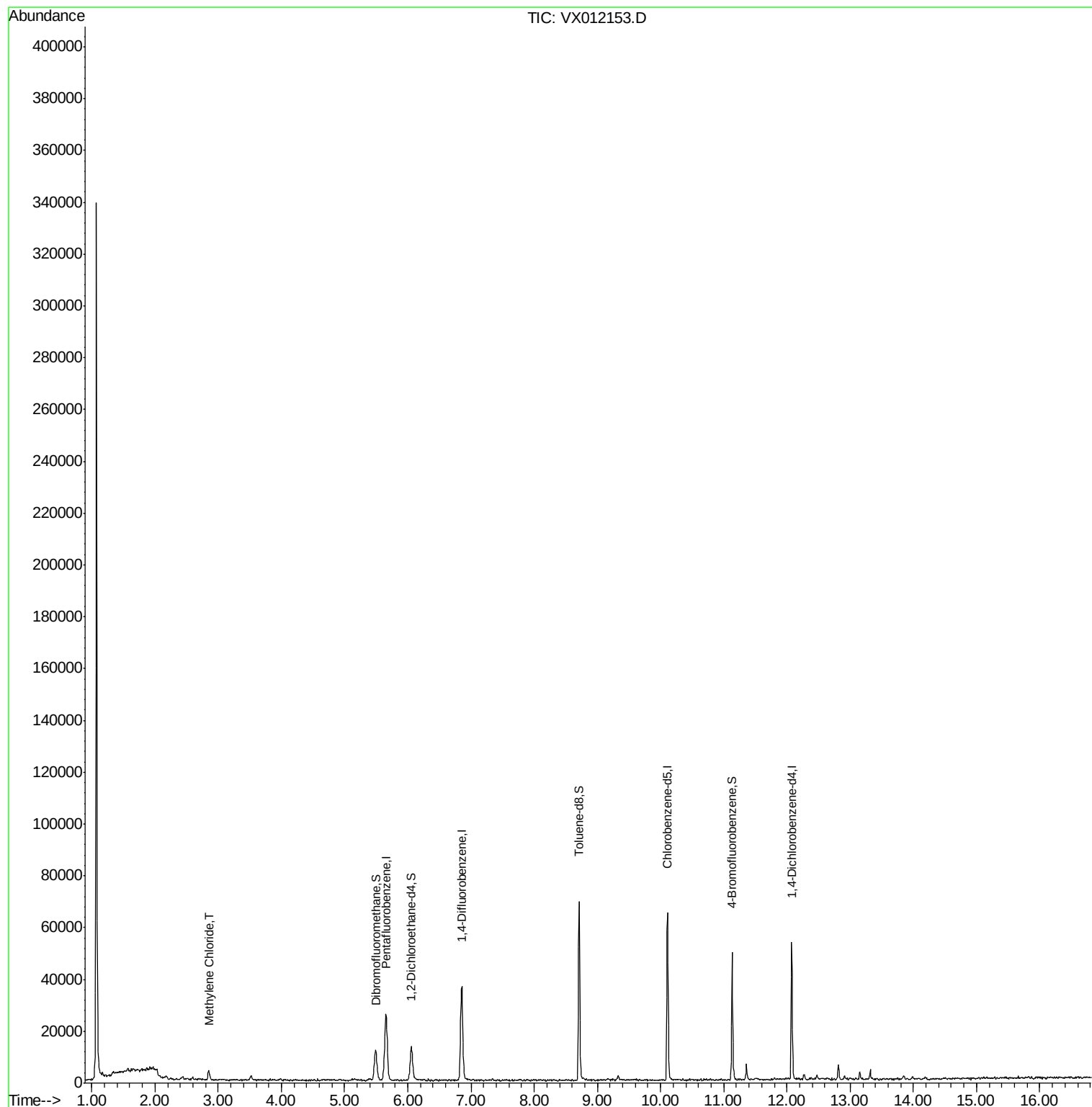
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	21485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	33958	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	27399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	9569	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	13410	45.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.48%	
35) Dibromofluoromethane	5.49	113	9934	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
50) Toluene-d8	8.71	98	39963	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
62) 4-Bromofluorobenzene	11.14	95	13813	38.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.52%	
Target Compounds						
20) Methylene Chloride	2.85	84	1486	5.222	ug/l	98

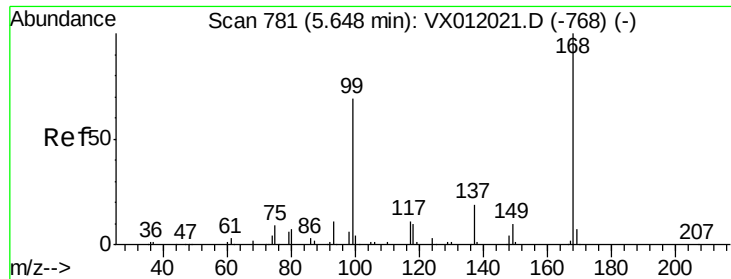
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012153.D

Acq: 06 Sep 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

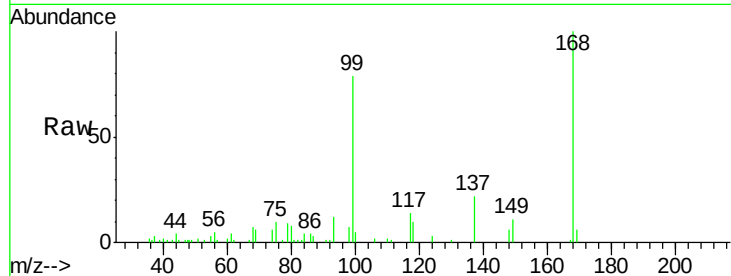
T12-E4-(2.7)

Tot Ion:168 Resp: 21485

Ion Ratio Lower Upper

168 100

99 79.3 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

8000

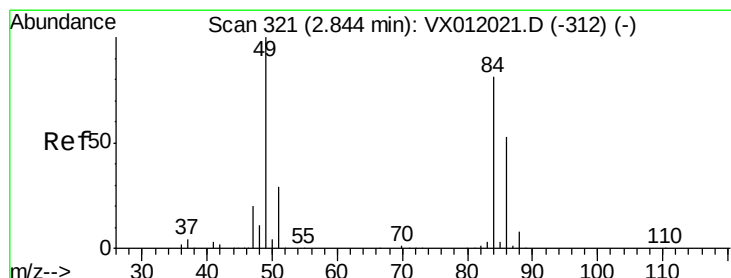
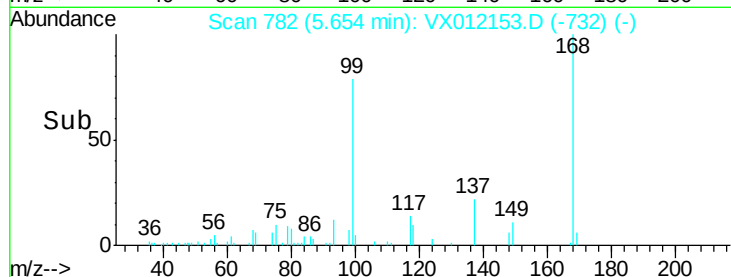
6000

4000

2000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 5.222 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.01 min

Lab File: VX012153.D

Acq: 06 Sep 2019 17:33

Tgt Ion: 84 Resp: 1486

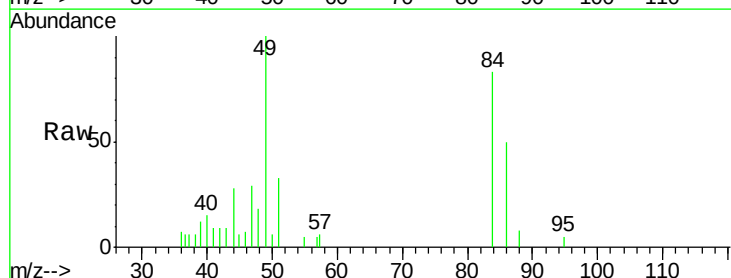
Ion Ratio Lower Upper

84 100

49 120.9 95.8 143.8

51 34.5 28.6 43.0

86 60.9 50.9 76.3



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

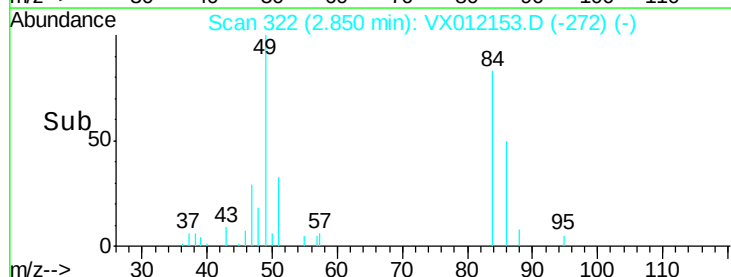
1500

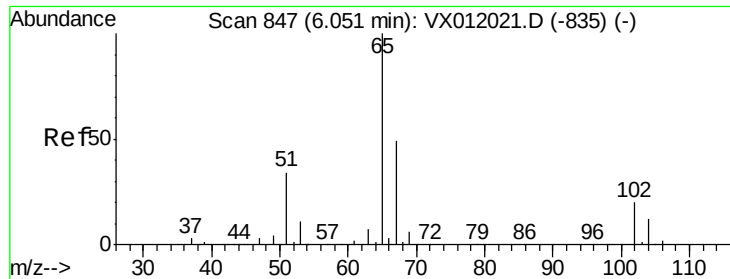
1000

500

0

Time--> 2.80 2.85 2.90

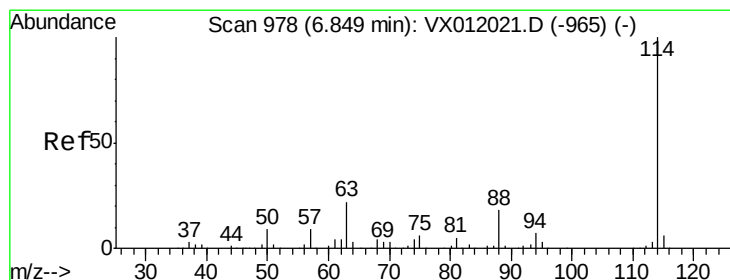
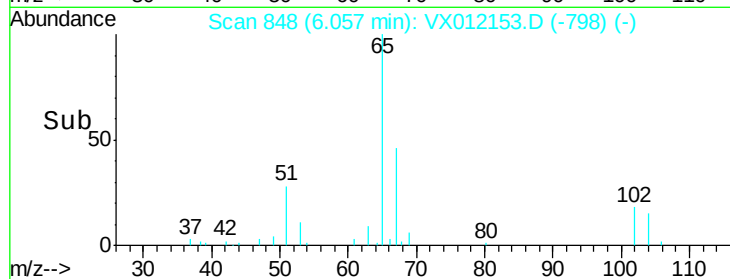
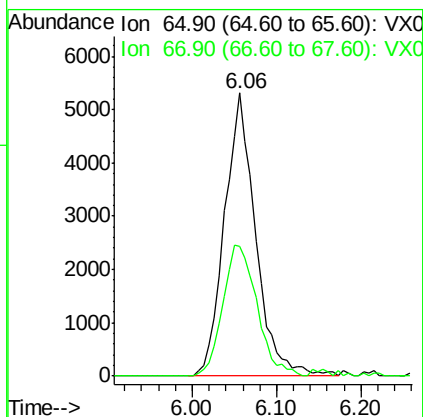
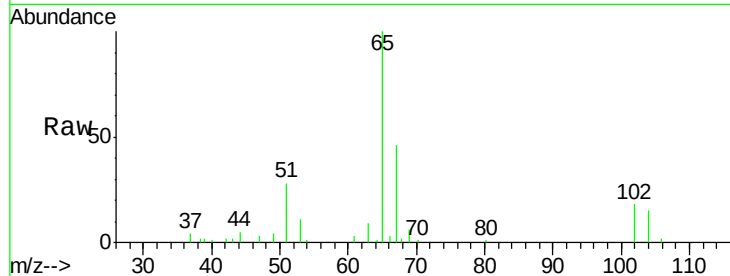




#33
 1,2-Dichloroethane-d4
 Concen: 45.235 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012153.D
 Acq: 06 Sep 2019 17:33

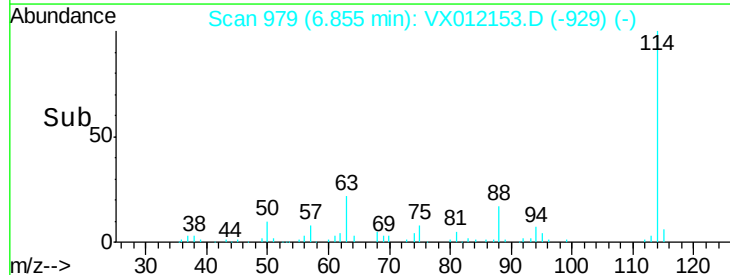
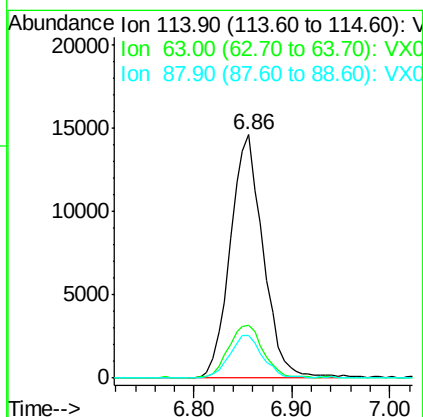
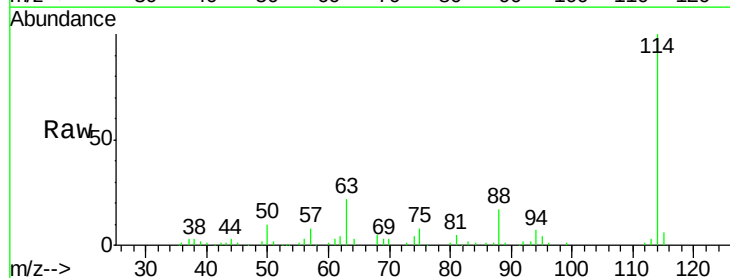
Instrument :
 MSVOA_X
 ClientSampleId :
 T12-E4-(2.7)

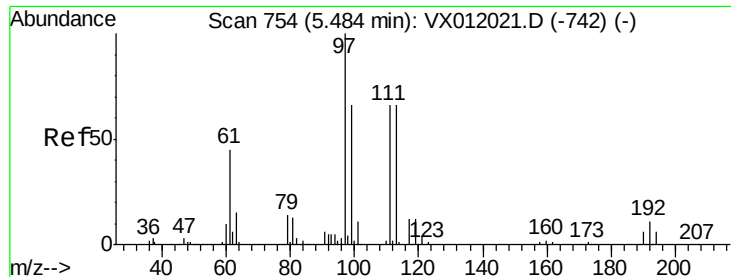
Tot Ion: 65 Resp: 13410
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX012153.D
 Acq: 06 Sep 2019 17:33

Tgt Ion: 114 Resp: 33958
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 37.4
 88 17.3 0.0 29.6

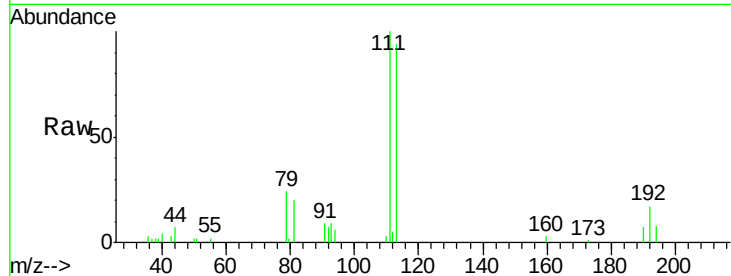




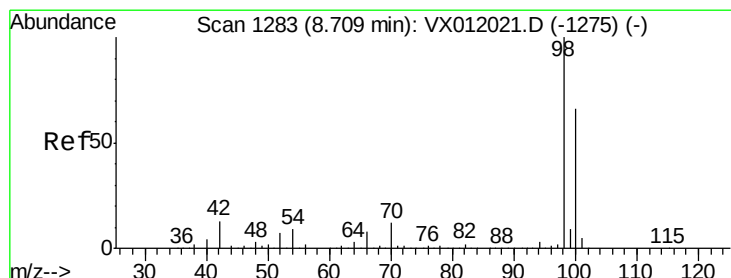
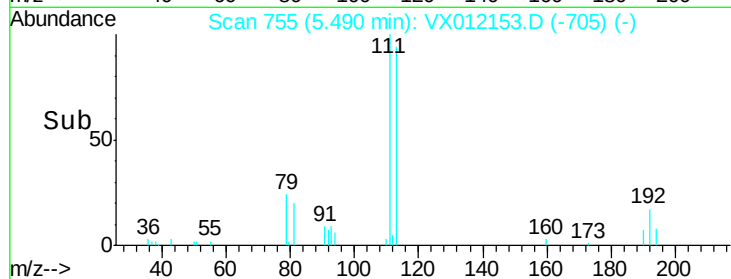
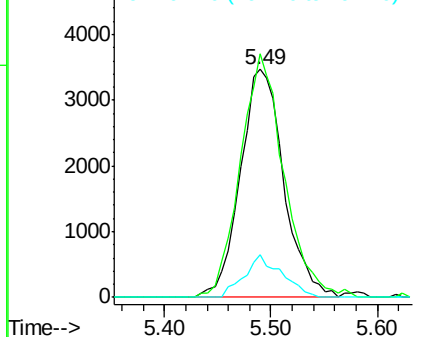
#35
 Dibromofluoromethane
 Concen: 47.569 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX012153.D
 Acq: 06 Sep 2019 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-E4-(2.7)

Tot Ion:113 Resp: 9934
 Ion Ratio Lower Upper
 113 100
 111 107.4 81.7 122.5
 192 16.1 22.5 33.7#

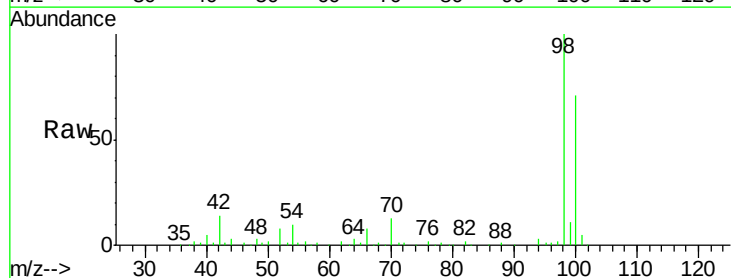


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

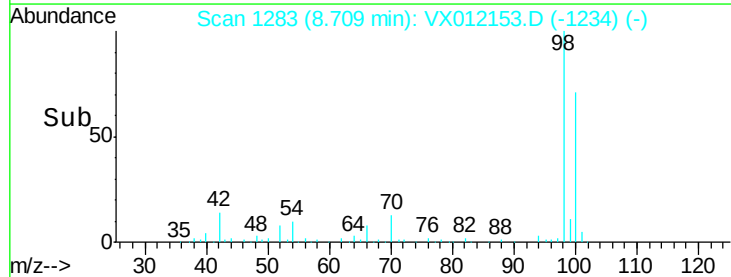
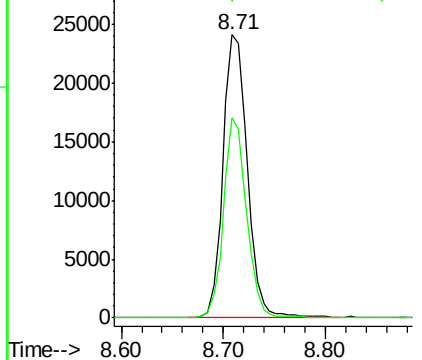


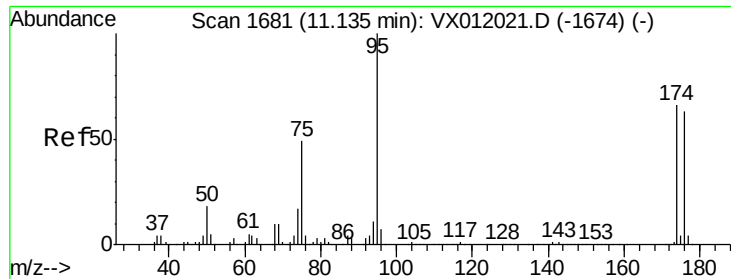
#50
 Toluene-d8
 Concen: 52.149 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012153.D
 Acq: 06 Sep 2019 17:33

Tgt Ion: 98 Resp: 39963
 Ion Ratio Lower Upper
 98 100
 100 66.9 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

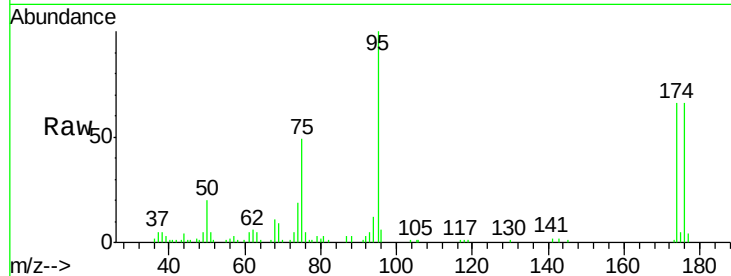




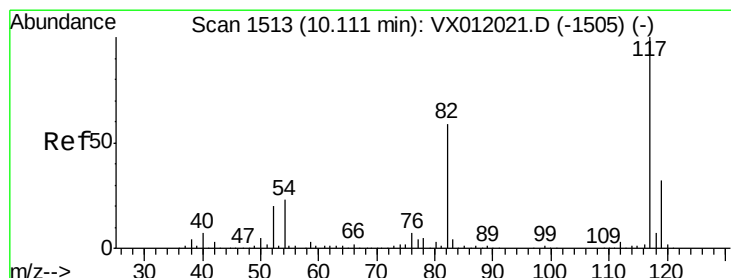
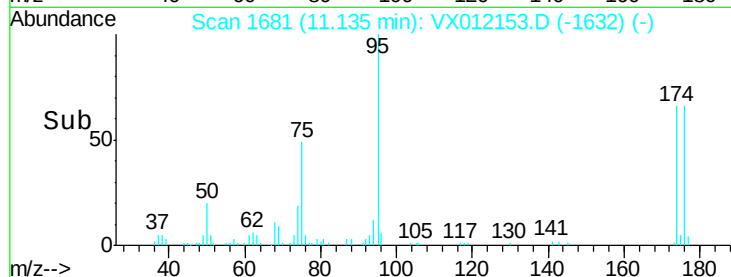
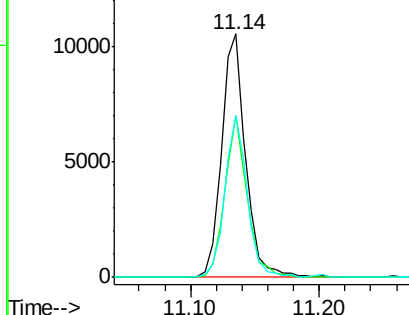
#62
4-Bromofluorobenzene
Concen: 38.759 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012153.D
Acq: 06 Sep 2019 17:33

Instrument :
MSVOA_X
ClientSampleId :
T12-E4-(2.7)

Tot Ion: 95 Resp: 13813
Ion Ratio Lower Upper
95 100
174 61.7 0.0 205.4
176 62.3 0.0 201.8

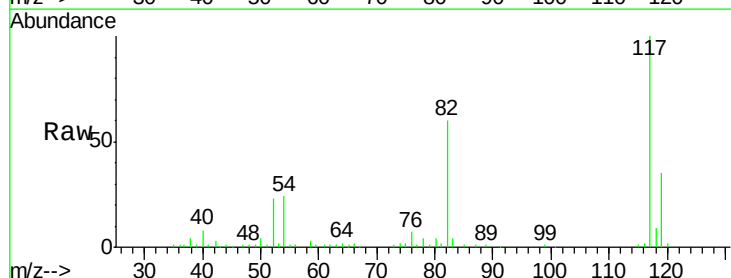


Abundance Ion 94.90 (94.60 to 95.60): VX
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

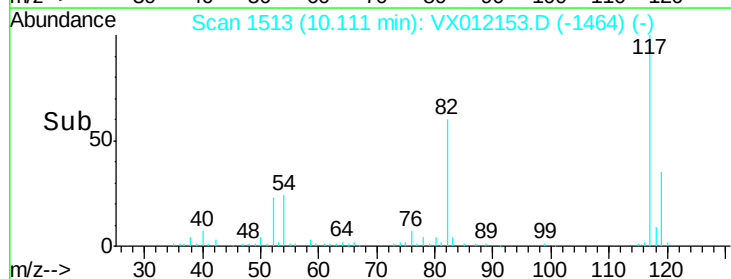
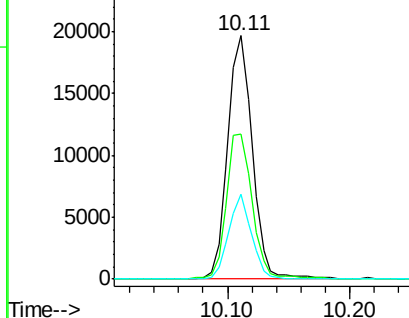


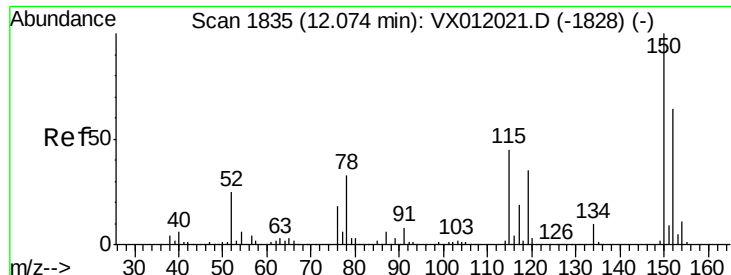
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012153.D
Acq: 06 Sep 2019 17:33

Tgt Ion: 117 Resp: 27399
Ion Ratio Lower Upper
117 100
82 59.7 39.4 59.0#
119 35.0 26.1 39.1



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012153.D

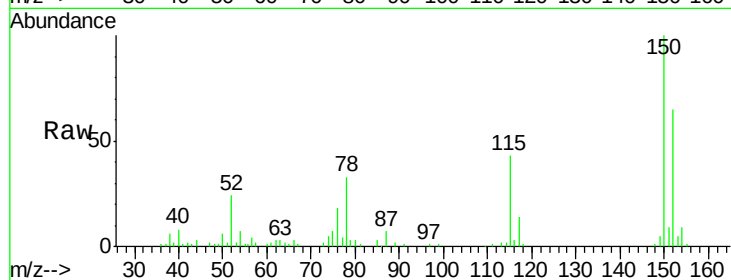
Acq: 06 Sep 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

T12-E4-(2.7)



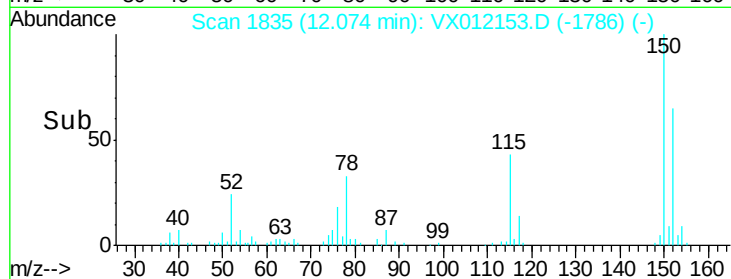
Tot Ion:152 Resp: 9569

Ion Ratio Lower Upper

152 100

115 68.2 36.4 109.3

150 160.0 0.0 341.2



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

