

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100219\
 Data File : VX012761.D
 Acq On : 02 Oct 2019 15:16
 Operator : JC/SP
 Sample : K5154-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-10012019

Quant Time: Oct 03 03:48:18 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

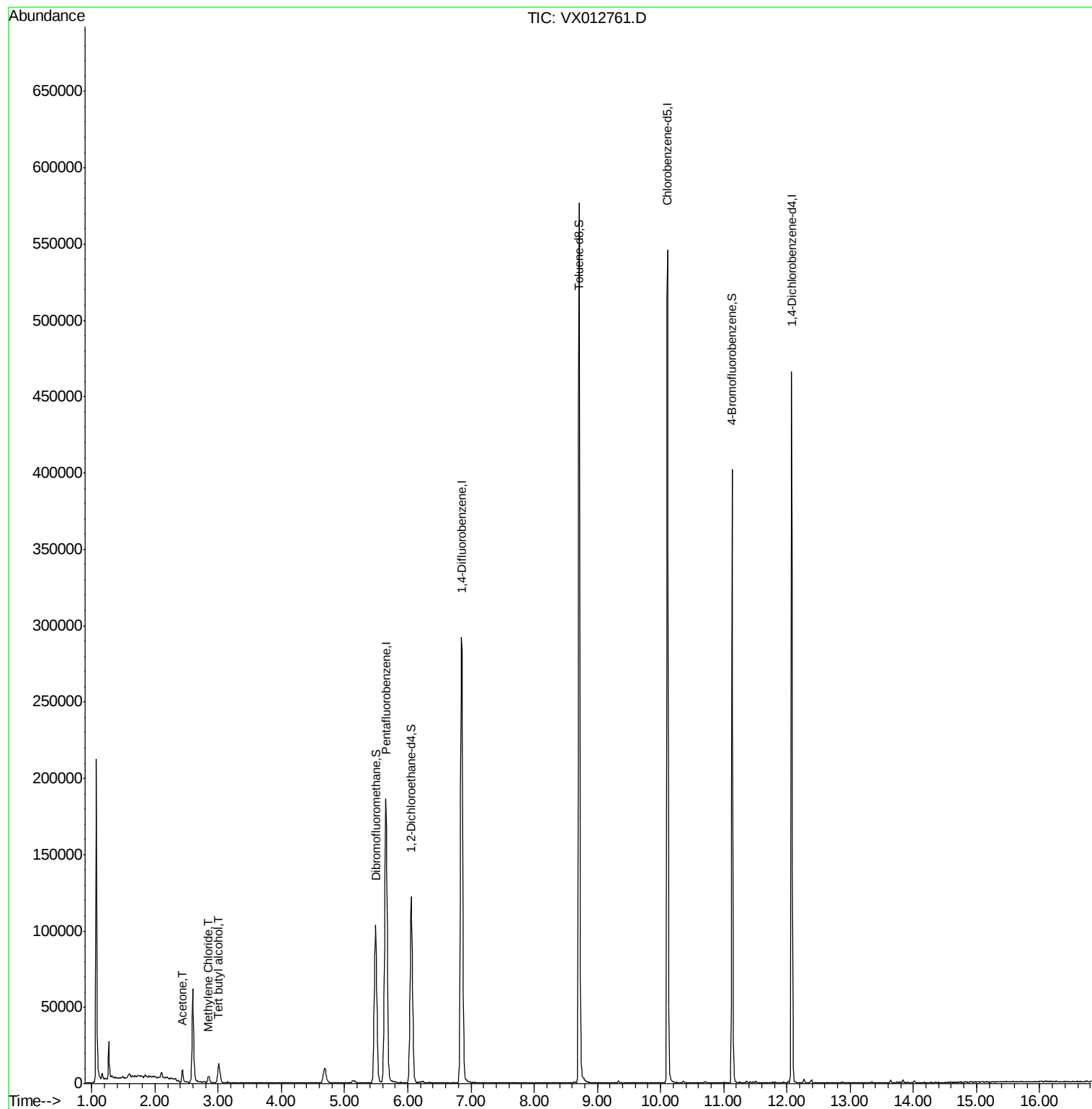
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	168873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	291833	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	89108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	117462	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
35) Dibromofluoromethane	5.49	113	88196	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
50) Toluene-d8	8.71	98	343051	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	11.14	95	111731	42.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.90%	
Target Compounds						
11) Tert butyl alcohol	3.01	59	8865	14.431	ug/l #	74
16) Acetone	2.44	43	8739	6.709	ug/l	95
20) Methylene Chloride	2.84	84	1847	0.838	ug/l #	88

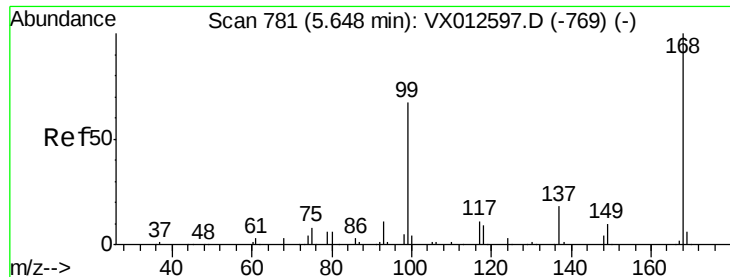
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VX012761.D

Acq: 02 Oct 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

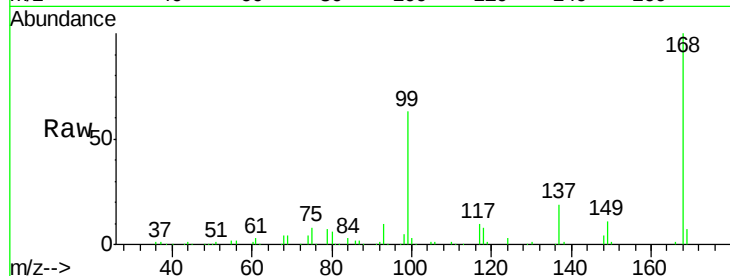
FB-10012019

Tot Ion:168 Resp: 168873

Ion Ratio Lower Upper

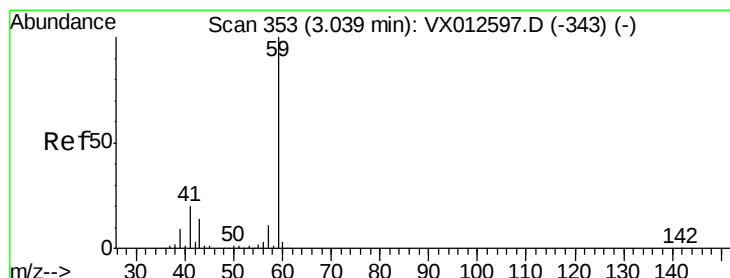
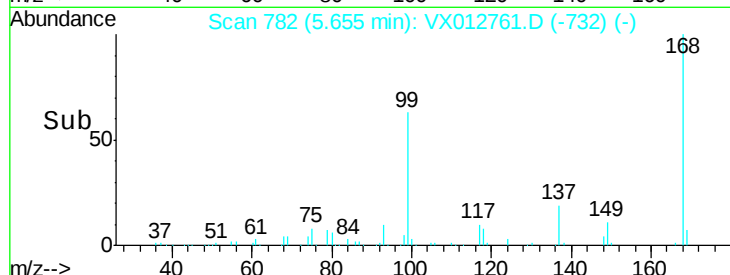
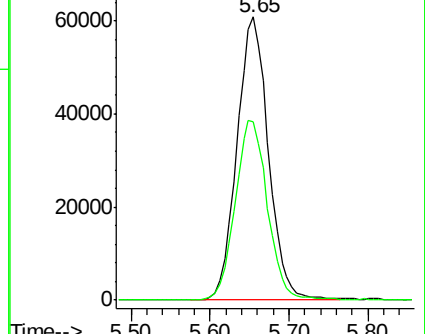
168 100

99 63.2 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: 14.431 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.03 min

Lab File: VX012761.D

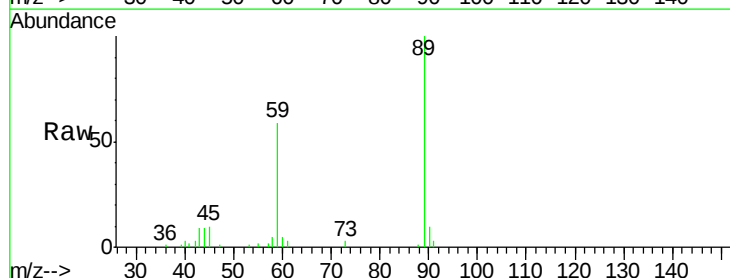
Acq: 02 Oct 2019 15:16

Tgt Ion: 59 Resp: 8865

Ion Ratio Lower Upper

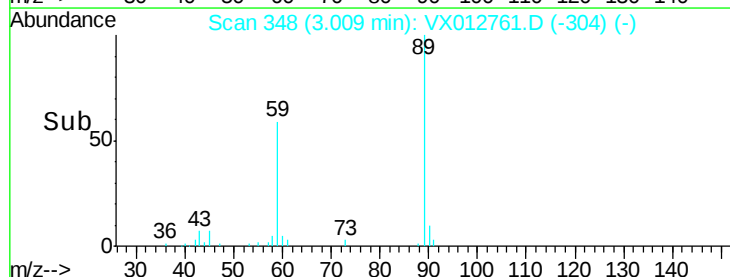
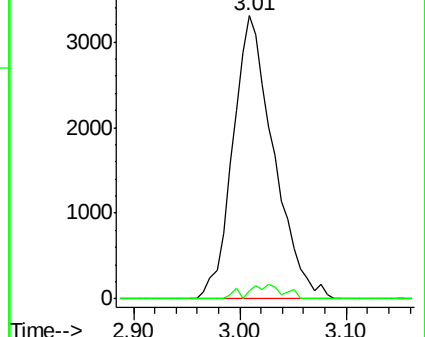
59 100

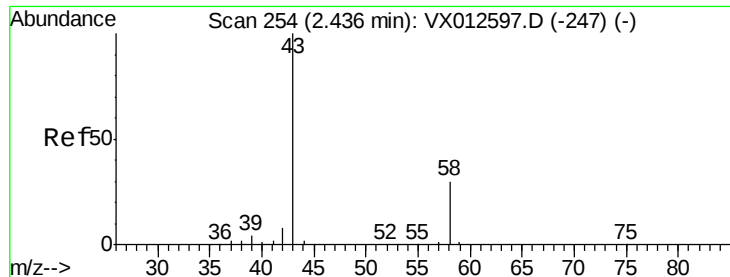
57 0.7 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 6.709 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012761.D

Acq: 02 Oct 2019 15:16

Instrument :

MSVOA_X

ClientSampled :

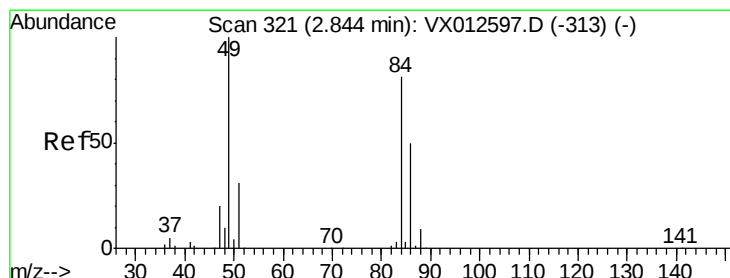
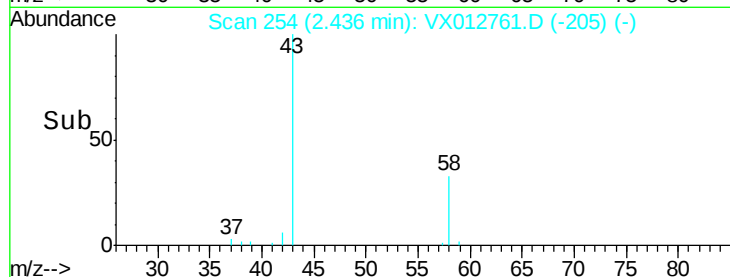
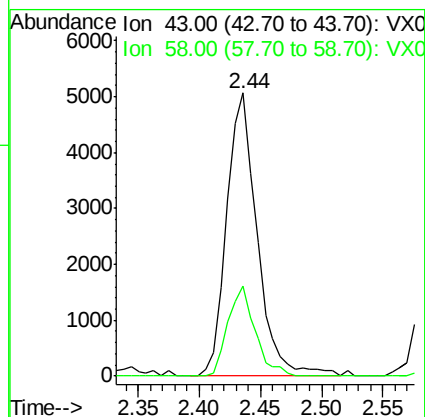
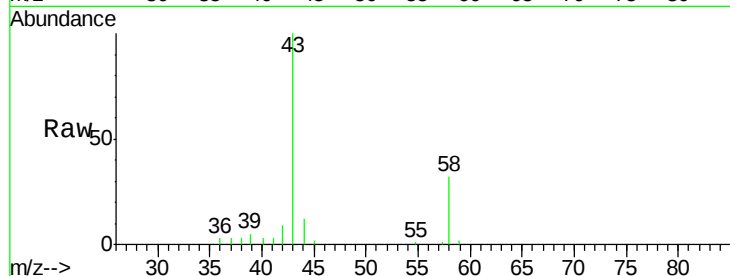
FB-10012019

Tot Ion: 43 Resp: 8739

Ion Ratio Lower Upper

43 100

58 31.8 23.3 34.9



#20

Methylene Chloride

Concen: 0.838 ug/l

RT: 2.84 min Scan# 321

Delta R.T. 0.00 min

Lab File: VX012761.D

Acq: 02 Oct 2019 15:16

Tgt Ion: 84 Resp: 1847

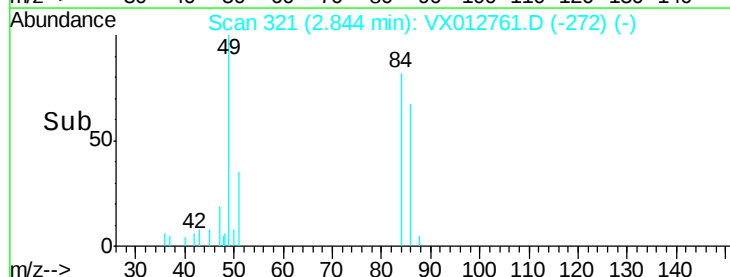
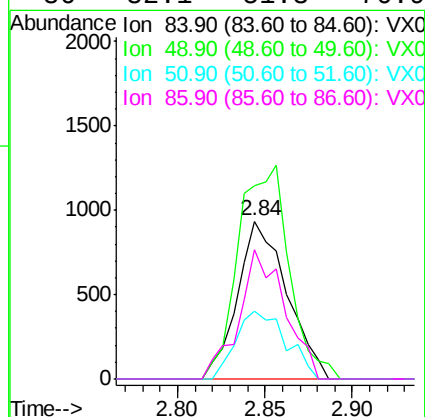
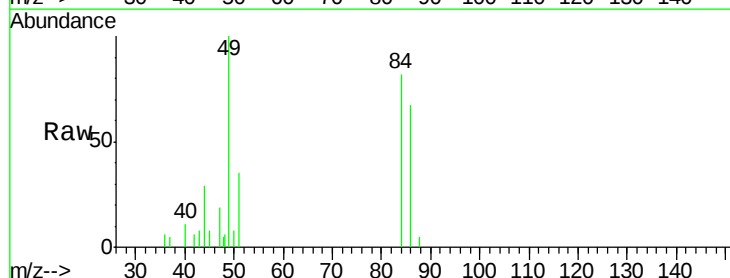
Ion Ratio Lower Upper

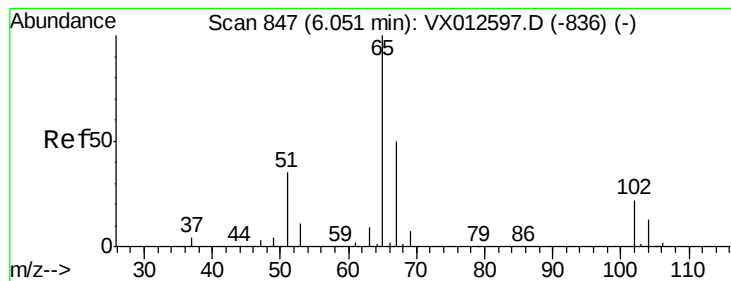
84 100

49 122.3 106.8 160.2

51 42.7 32.3 48.5

86 82.1 51.3 76.9#





#33

1,2-Dichloroethane-d4

Concen: 47.766 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012761.D

Acq: 02 Oct 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

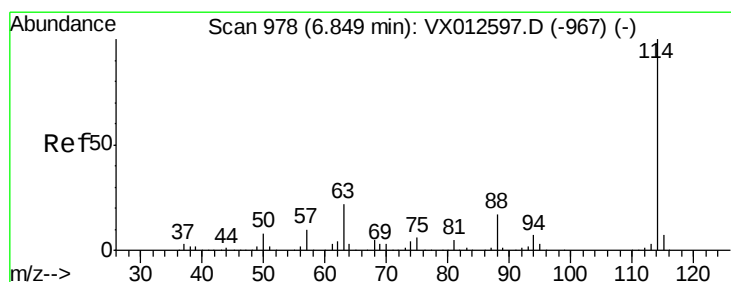
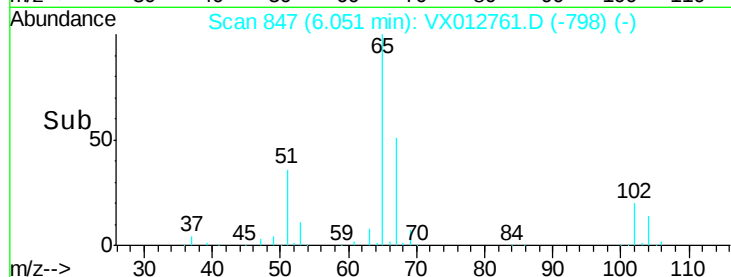
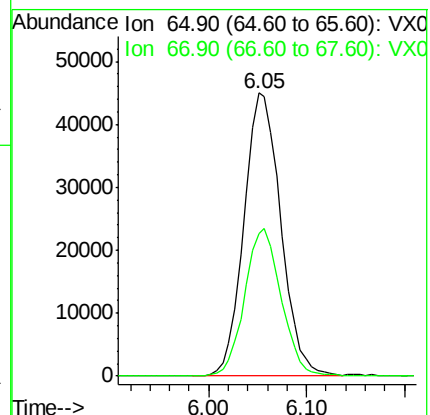
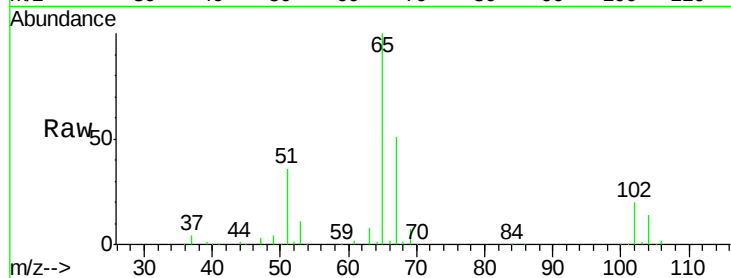
FB-10012019

Tot Ion: 65 Resp: 117462

Ion Ratio Lower Upper

65 100

67 51.9 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: VX012761.D

Acq: 02 Oct 2019 15:16

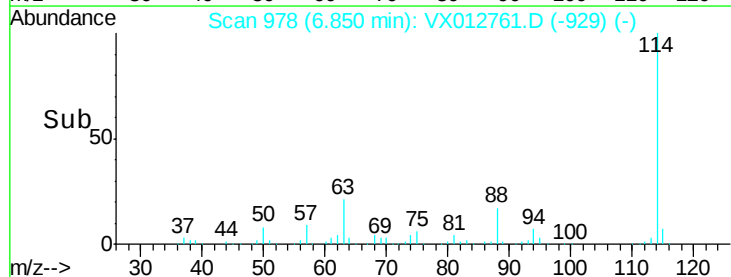
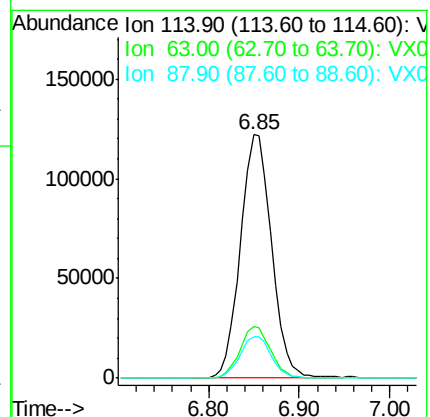
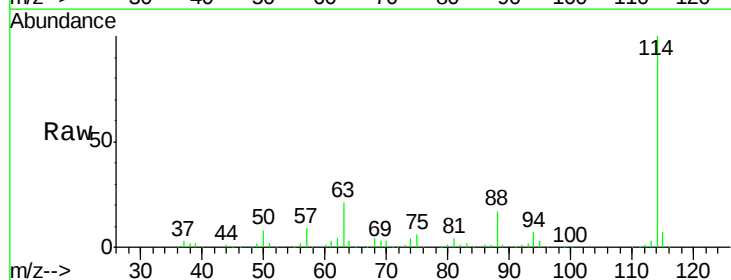
Tgt Ion: 114 Resp: 291833

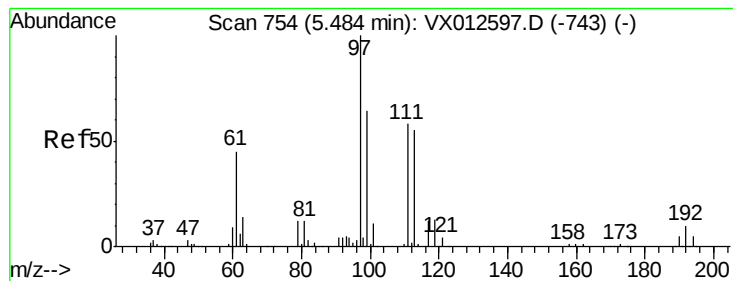
Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.2

88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.746 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012761.D

Acq: 02 Oct 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

FB-10012019

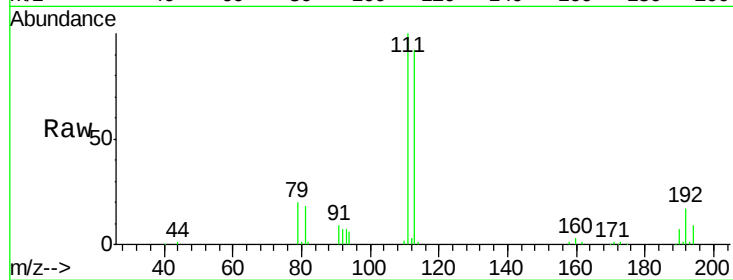
Tot Ion:113 Resp: 88196

Ion Ratio Lower Upper

113 100

111 103.7 83.4 125.2

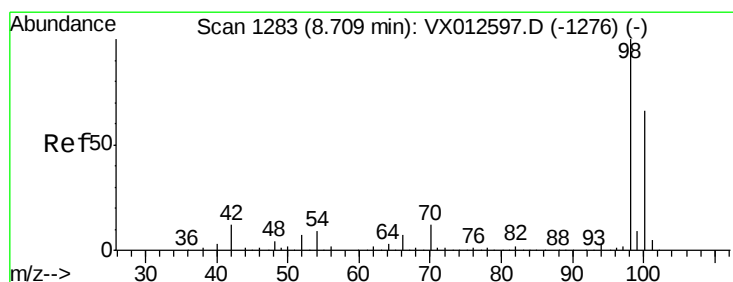
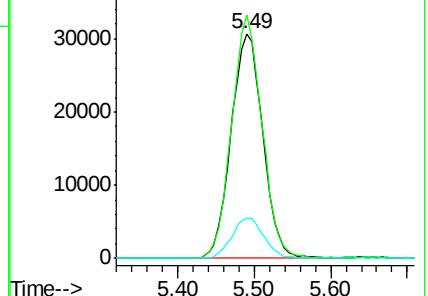
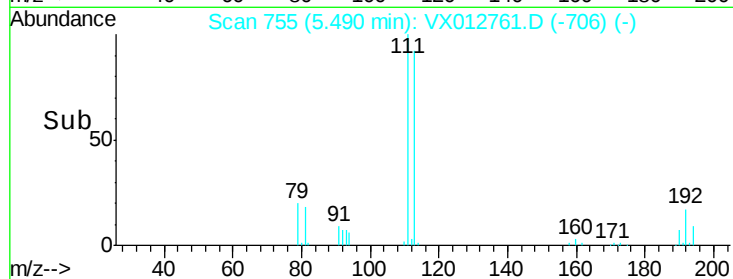
192 18.2 14.4 21.6



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: 51.254 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012761.D

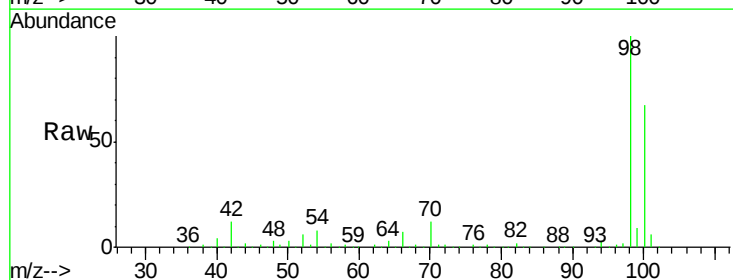
Acq: 02 Oct 2019 15:16

Tgt Ion: 98 Resp: 343051

Ion Ratio Lower Upper

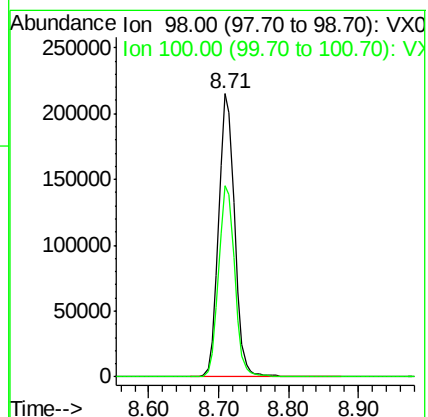
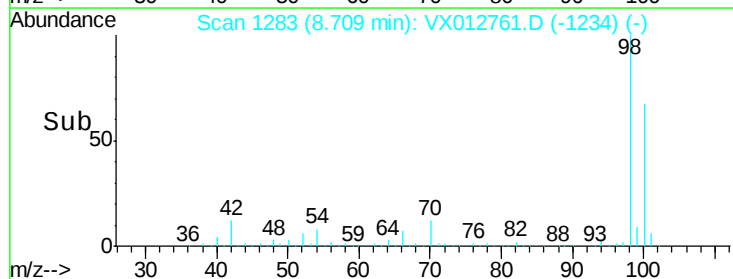
98 100

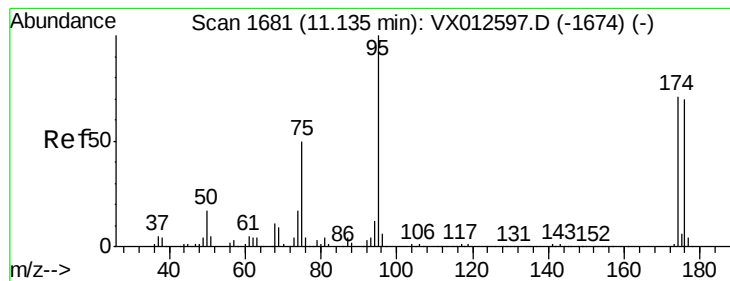
100 68.3 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.455 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012761.D

Acq: 02 Oct 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

FB-10012019

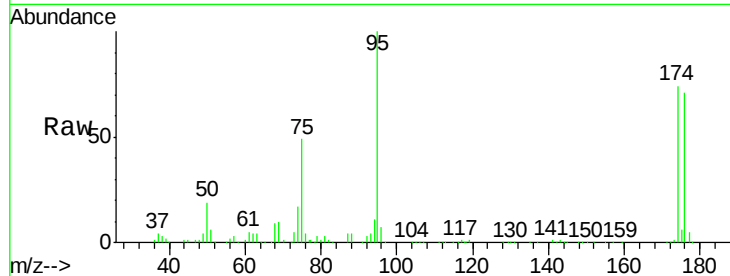
Tot Ion: 95 Resp: 111731

Ion Ratio Lower Upper

95 100

174 69.7 0.0 140.0

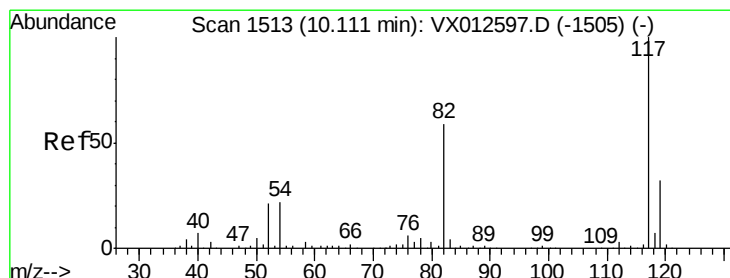
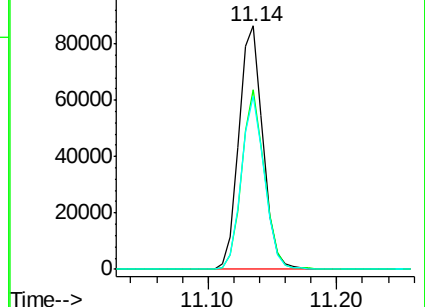
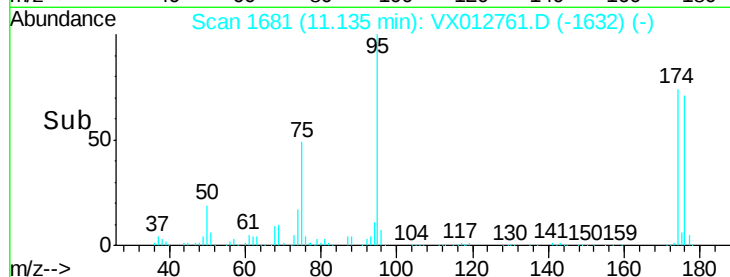
176 68.2 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012761.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012761.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012761.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012761.D

Acq: 02 Oct 2019 15:16

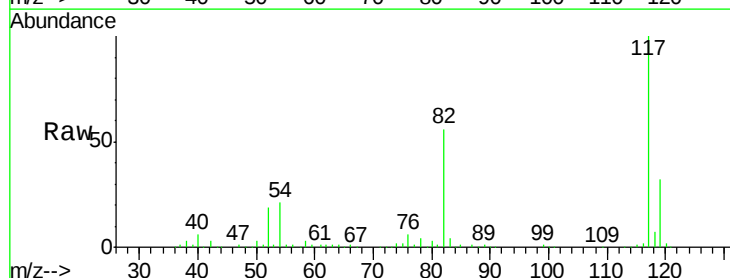
Tgt Ion: 117 Resp: 248414

Ion Ratio Lower Upper

117 100

82 55.9 45.9 68.9

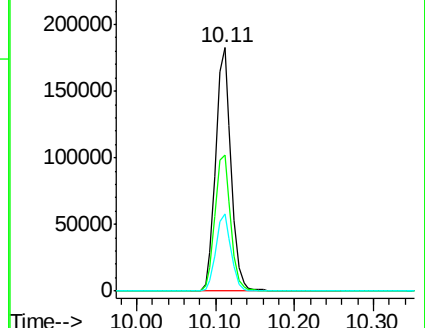
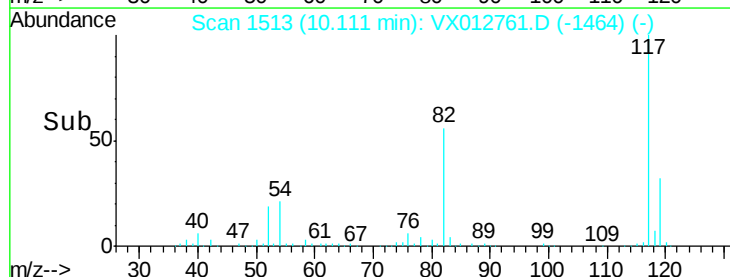
119 31.9 25.3 37.9

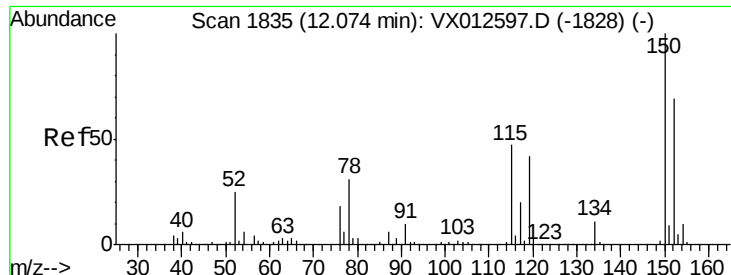


Abundance Ion 116.90 (116.60 to 117.60): VX012761.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012761.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012761.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: VX012761.D

Acq: 02 Oct 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

FB-10012019

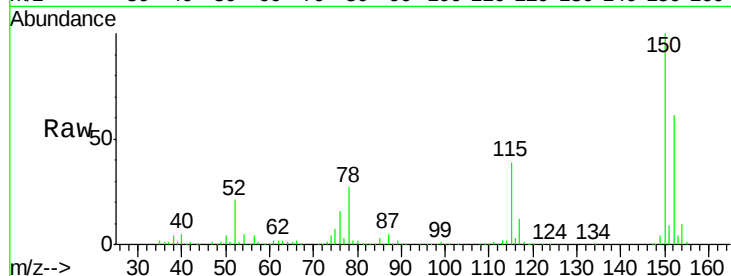
Tot Ion:152 Resp: 89108

Ion Ratio Lower Upper

152 100

115 63.8 44.1 132.3

150 158.2 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

