

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090819\
 Data File : VX012215.D
 Acq On : 08 Sep 2019 11:33
 Operator : SY/SP
 Sample : K4570-03
 Misc : 6.43g/5.0mL/MSVOA X/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOUTH-AVENUE-3-ABCD

Quant Time: Sep 12 03:35:55 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

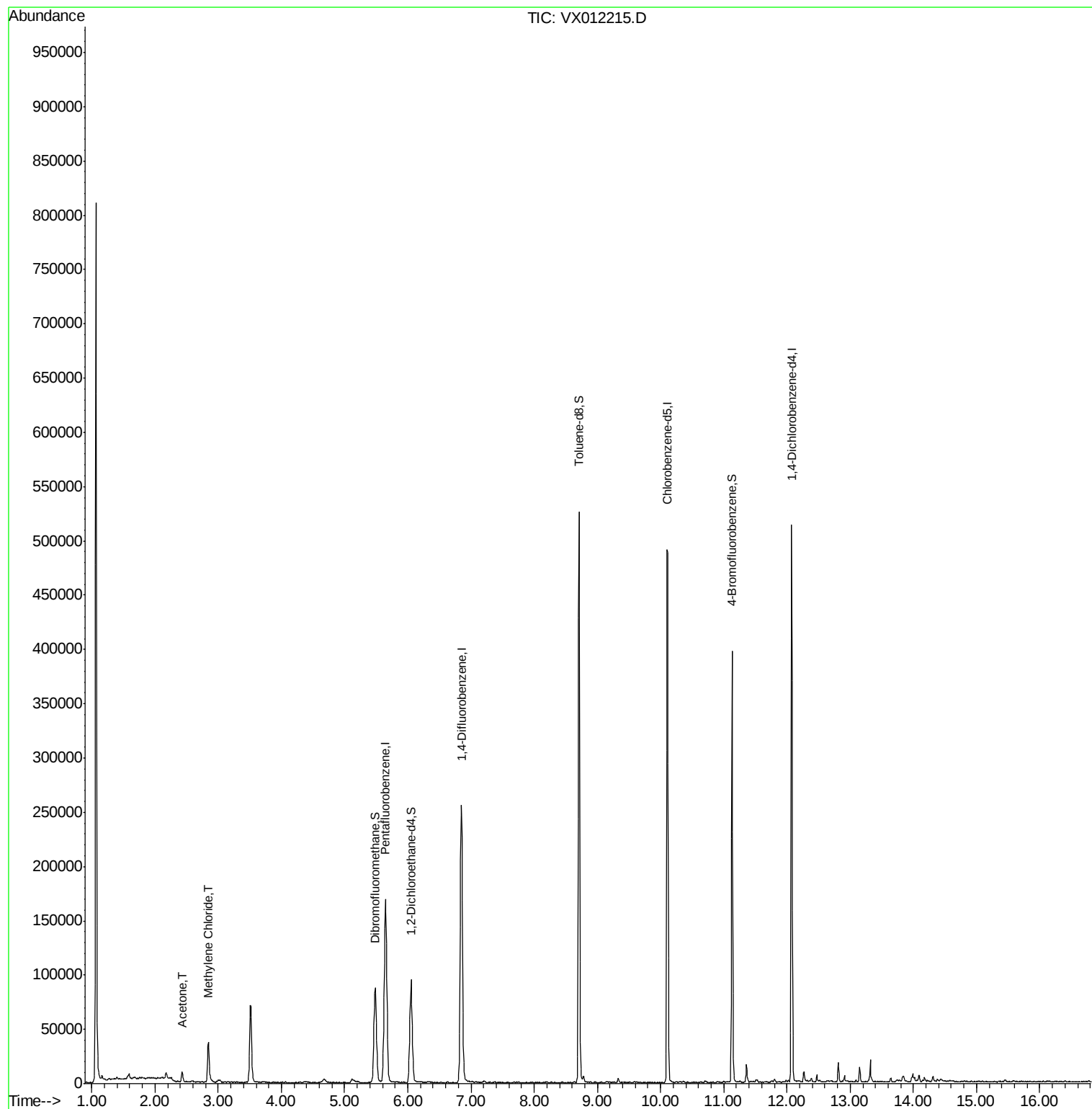
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	142088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	244346	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	214160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	93777	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	96326	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
35) Dibromofluoromethane	5.48	113	72420	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
50) Toluene-d8	8.71	98	286802	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
62) 4-Bromofluorobenzene	11.13	95	114430	44.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.24%	
Target Compounds						
16) Acetone	2.43	43	10044	21.434	ug/l	94
20) Methylene Chloride	2.84	84	17192	9.136	ug/l	91

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

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

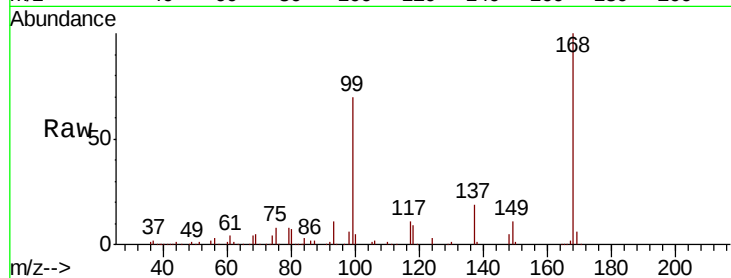
SOUTH-AVENUE-3-ABCD

Tot Ion:168 Resp: 142088

Ion Ratio Lower Upper

168 100

99 70.3 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

60000

50000

40000

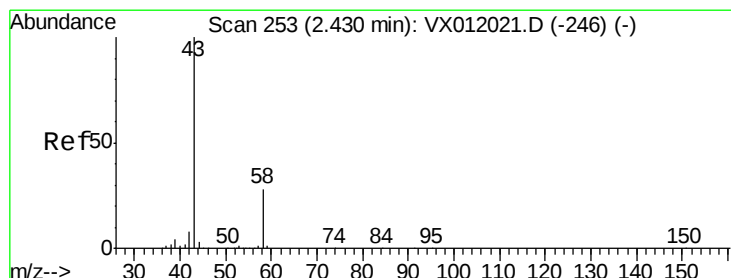
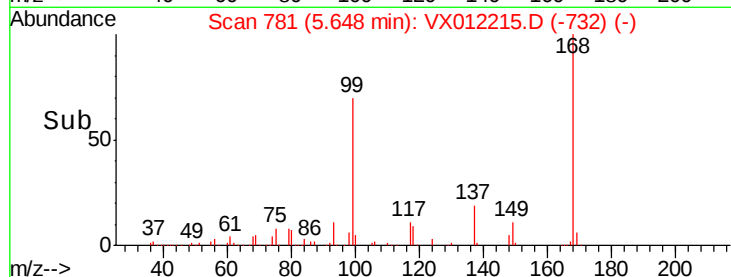
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 21.434 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012215.D

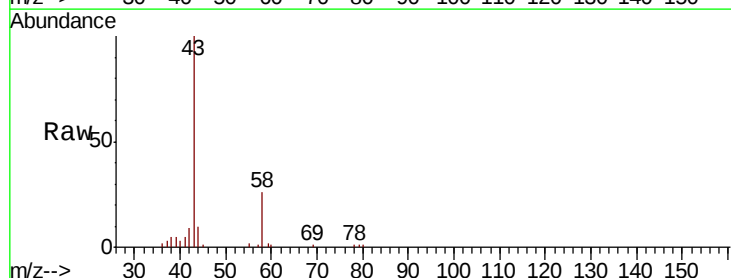
Acq: 08 Sep 2019 11:33

Tgt Ion: 43 Resp: 10044

Ion Ratio Lower Upper

43 100

58 25.3 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

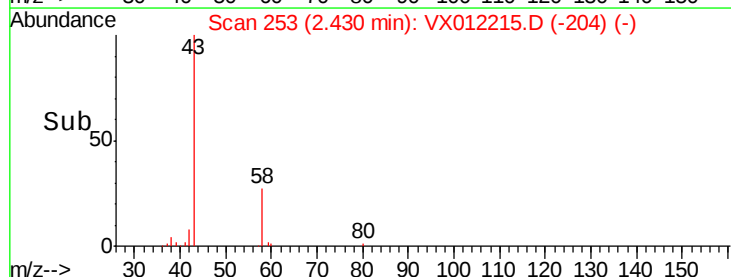
6000

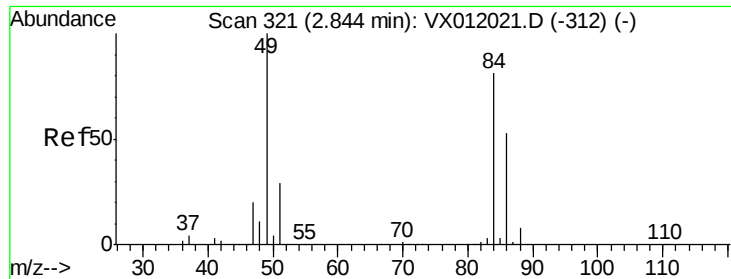
4000

2000

0

Time--> 2.35 2.40 2.45 2.50

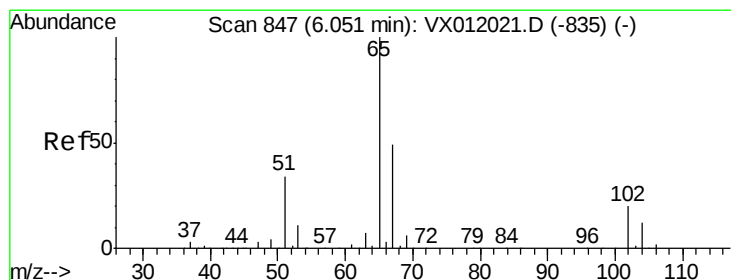
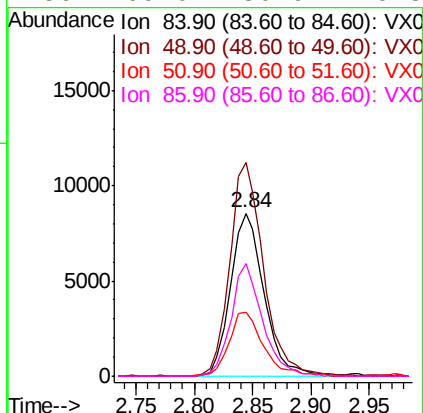
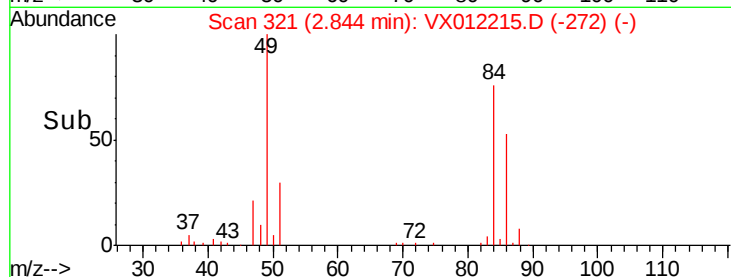
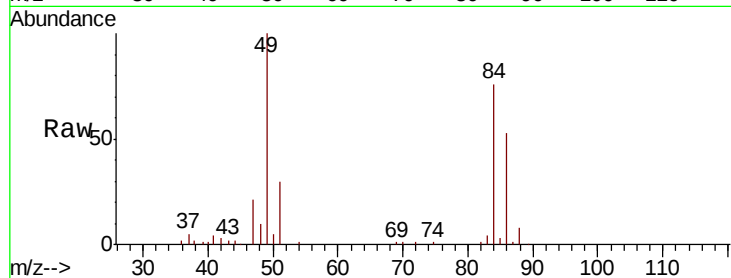




#20
Methylene Chloride
Concen: 9.136 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012215.D
Acq: 08 Sep 2019 11:33

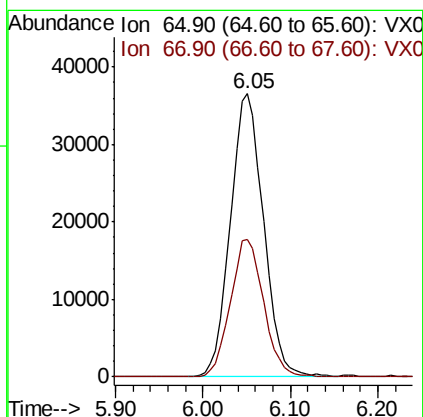
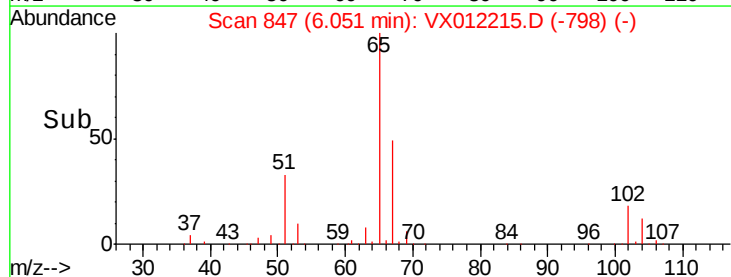
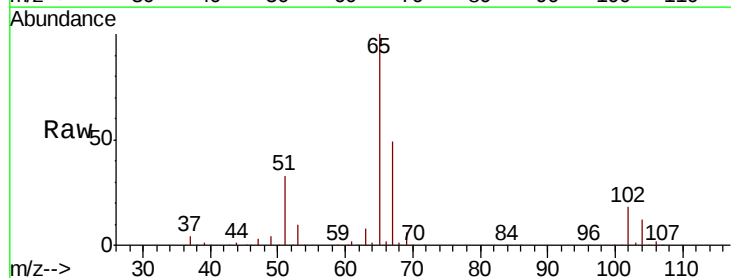
Instrument :
MSVOA_X
ClientSampleId :
SOUTH-AVENUE-3-ABCD

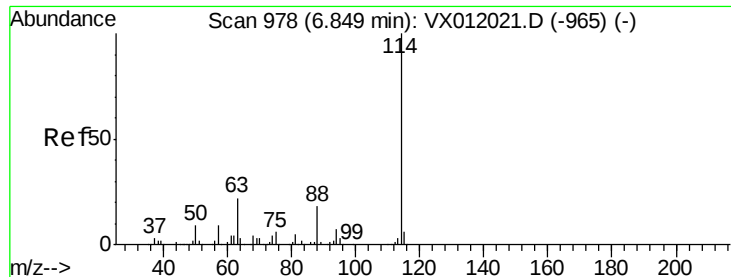
Tot Ion: 84 Resp: 17192
Ion Ratio Lower Upper
84 100
49 131.1 95.8 143.8
51 39.4 28.6 43.0
86 69.0 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 49.133 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012215.D
Acq: 08 Sep 2019 11:33

Tgt Ion: 65 Resp: 96326
Ion Ratio Lower Upper
65 100
67 48.9 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012215.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

SOUTH-AVENUE-3-ABCD

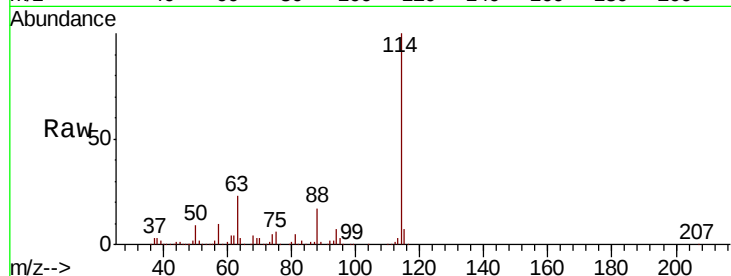
Tot Ion:114 Resp: 244346

Ion Ratio Lower Upper

114 100

63 22.7 0.0 37.4

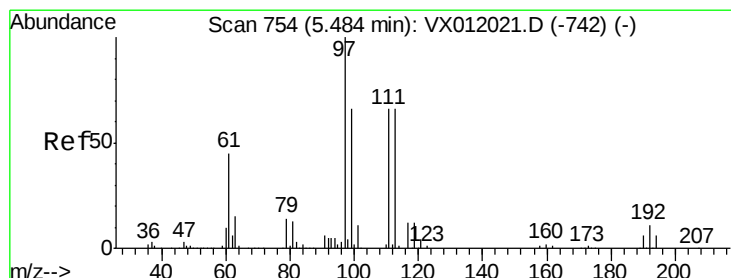
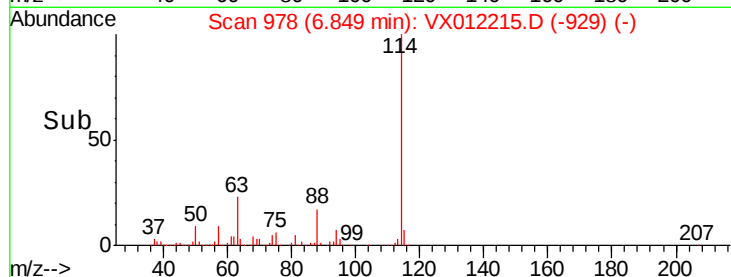
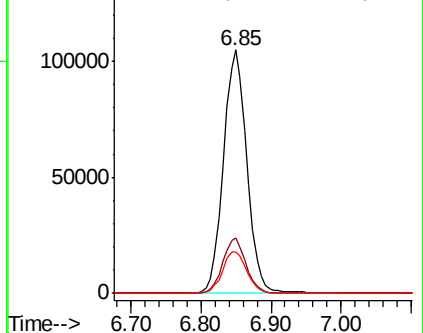
88 17.1 0.0 29.6



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: 48.195 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012215.D

Acq: 08 Sep 2019 11:33

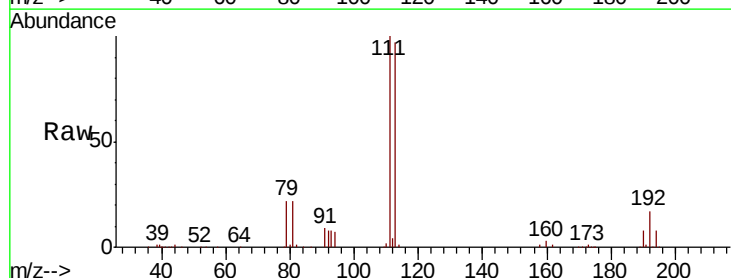
Tgt Ion:113 Resp: 72420

Ion Ratio Lower Upper

113 100

111 104.1 81.7 122.5

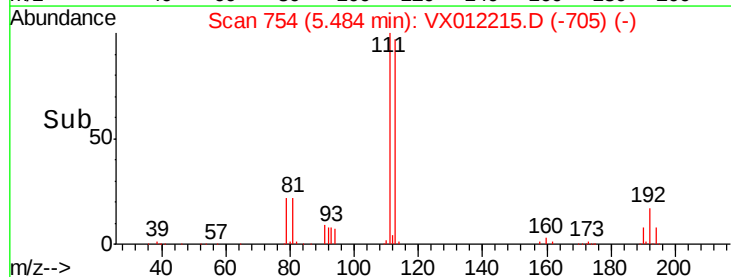
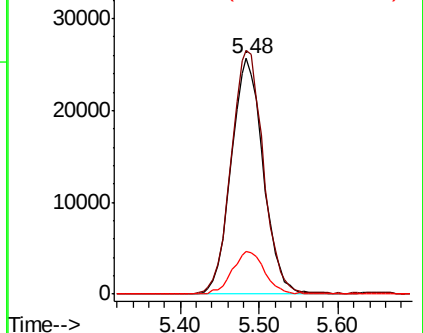
192 18.2 22.5 33.7#

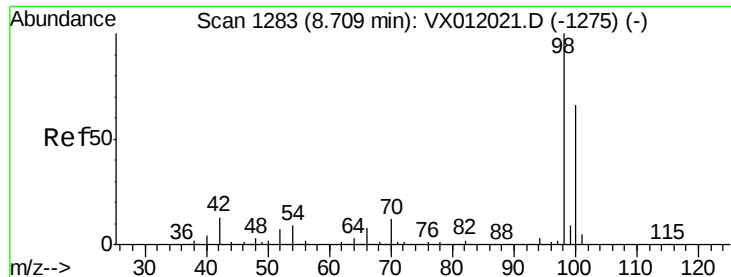


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.013 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012215.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

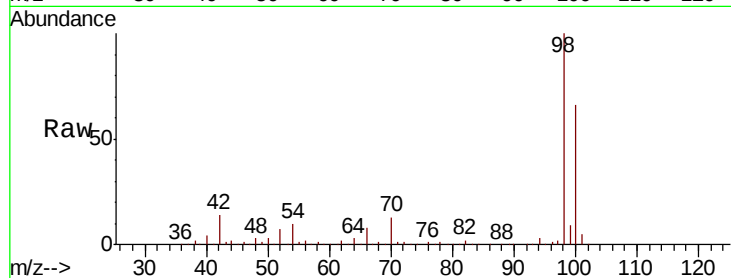
SOUTH-AVENUE-3-ABCD

Tot Ion: 98 Resp: 286802

Ion Ratio Lower Upper

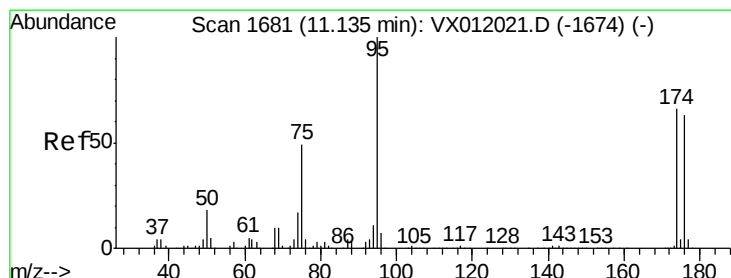
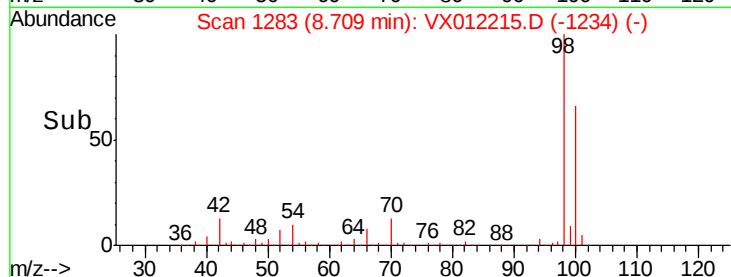
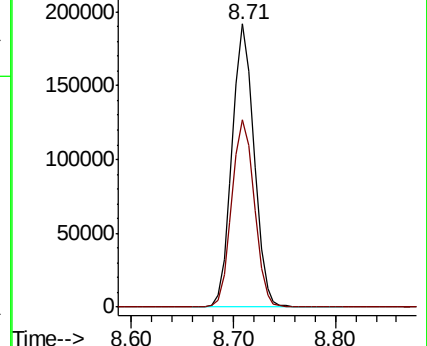
98 100

100 67.9 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: 44.623 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012215.D

Acq: 08 Sep 2019 11:33

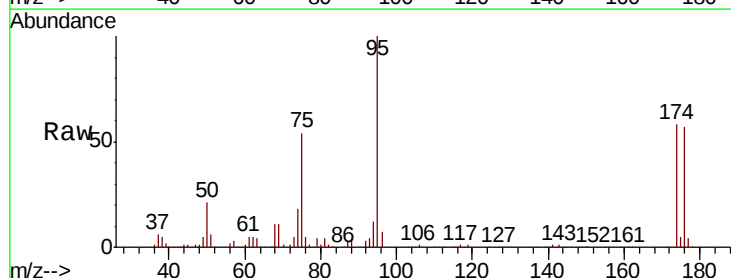
Tgt Ion: 95 Resp: 114430

Ion Ratio Lower Upper

95 100

174 64.1 0.0 205.4

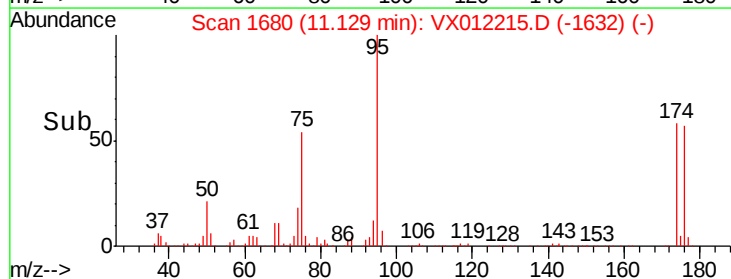
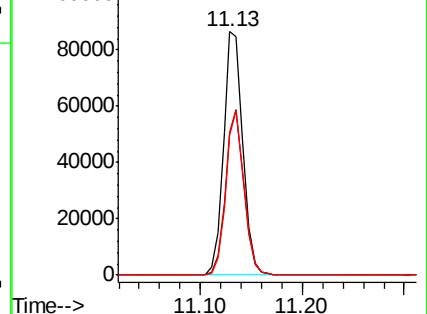
176 63.4 0.0 201.8

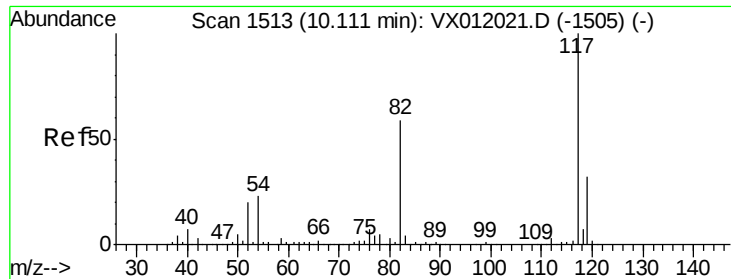


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

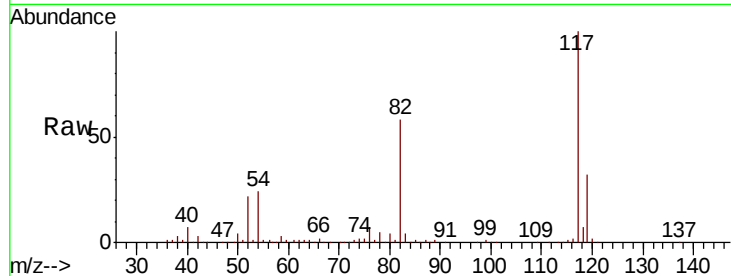




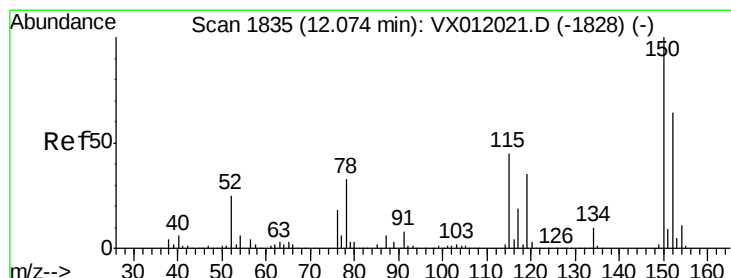
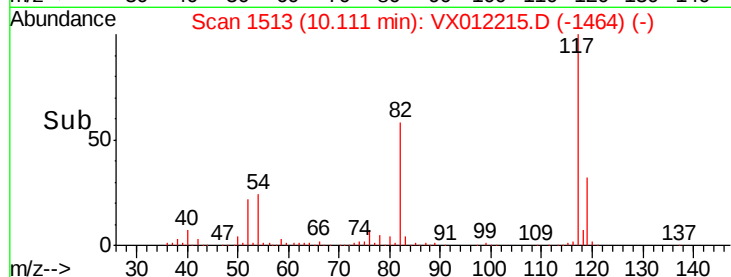
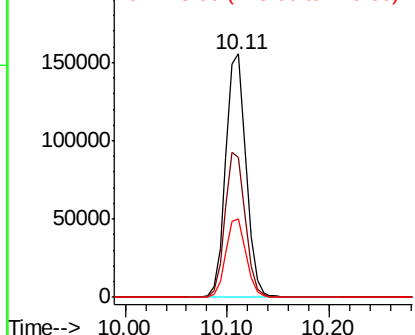
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012215.D
Acq: 08 Sep 2019 11:33

Instrument :
MSVOA_X
ClientSampleId :
SOUTH-AVENUE-3-ABCD

Tot Ion:117 Resp: 214160
Ion Ratio Lower Upper
117 100
82 57.6 39.4 59.0
119 32.0 26.1 39.1

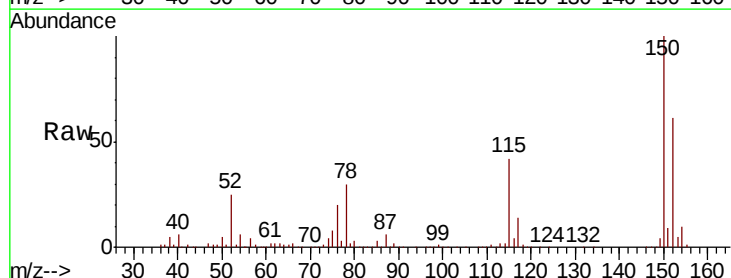


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012215.D
Acq: 08 Sep 2019 11:33

Tgt Ion:152 Resp: 93777
Ion Ratio Lower Upper
152 100
115 67.0 36.4 109.3
150 157.3 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

