

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012198.D
 Acq On : 08 Sep 2019 03:28
 Operator : SY/SP
 Sample : K4570-03
 Misc : 5.05g/5.0mL/MSVOA X/SOIL
 ALS Vial : 36 Sample Multiplier: 1

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

Quant Time: Sep 08 08:35:15 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

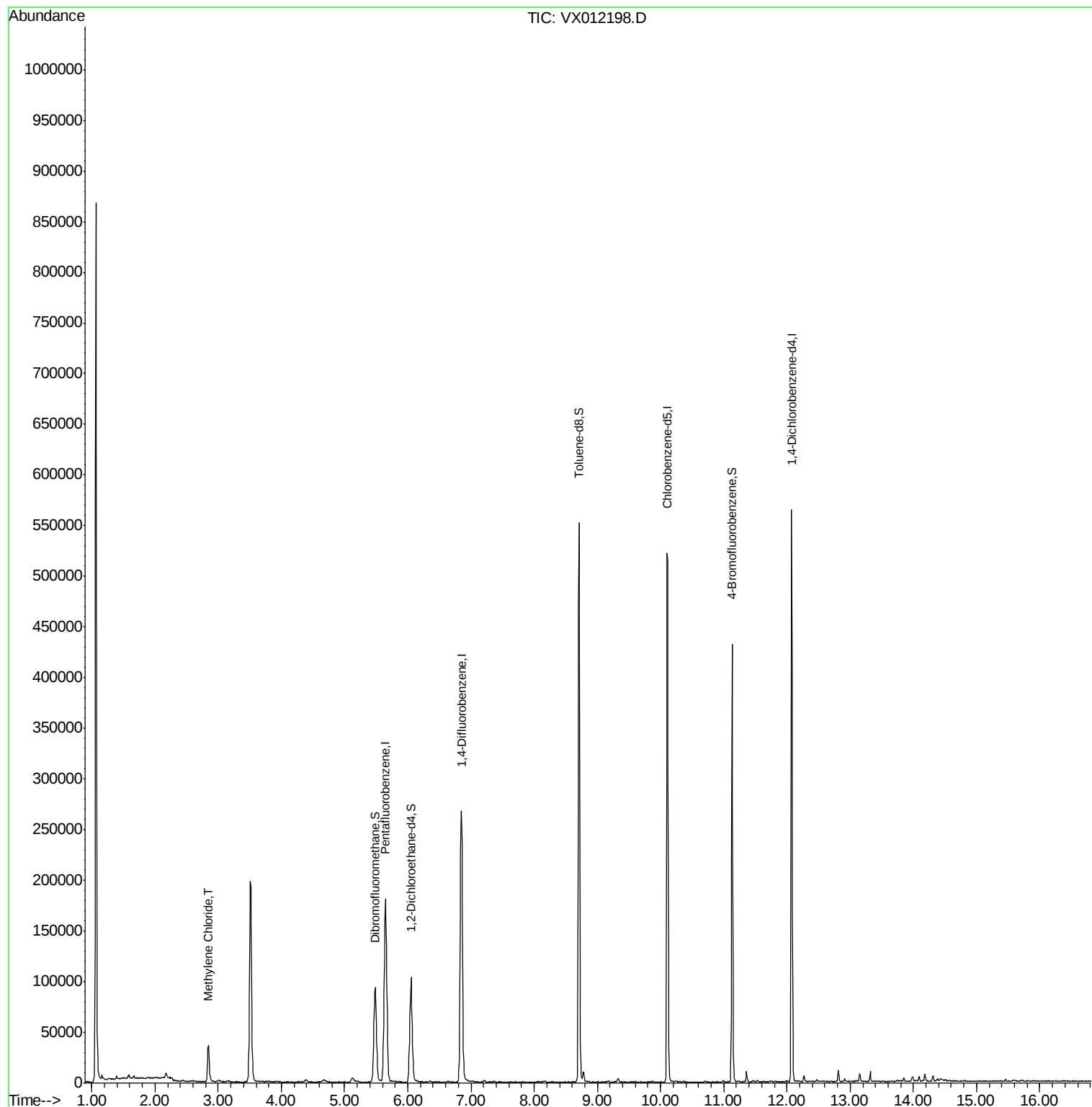
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	151966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	261016	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	230706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101389	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	103030	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
35) Dibromofluoromethane	5.48	113	77162	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
50) Toluene-d8	8.71	98	308923	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
62) 4-Bromofluorobenzene	11.14	95	122006	44.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.08%	
Target Compounds						
20) Methylene Chloride	2.84	84	16879	8.387	ug/l	Qvalue 92

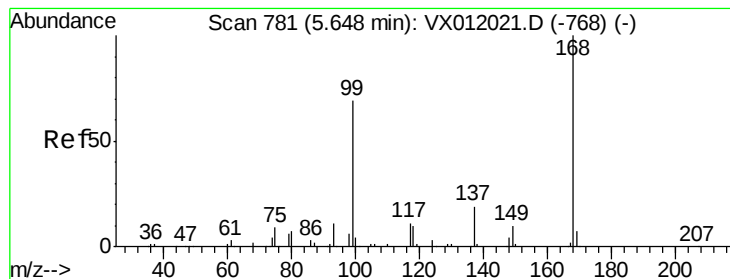
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012198.D

Acq: 08 Sep 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

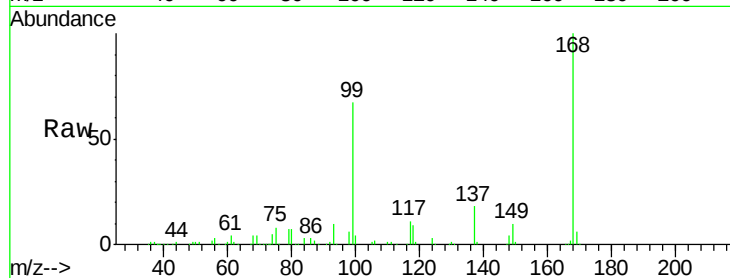
SOUTH-AVENUE-3-ABCD

Tot Ion:168 Resp: 151966

Ion Ratio Lower Upper

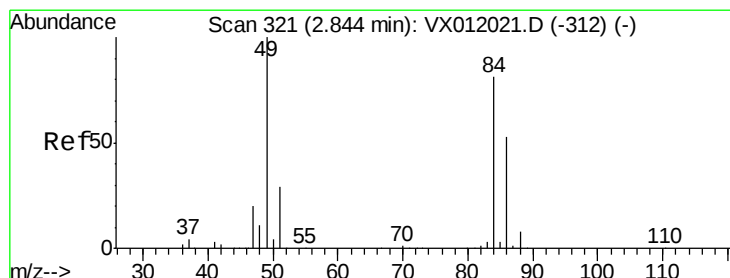
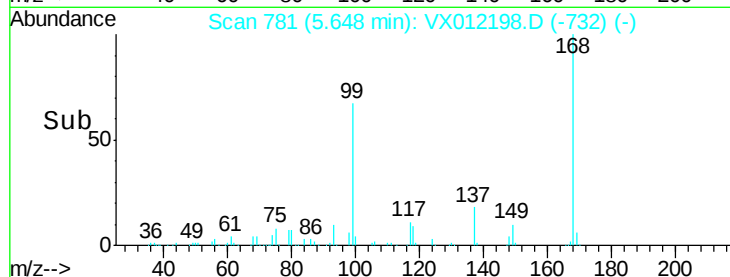
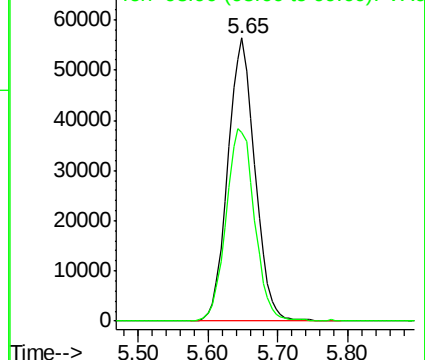
168 100

99 66.6 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#20

Methylene Chloride

Concen: 8.387 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012198.D

Acq: 08 Sep 2019 03:28

Tgt Ion: 84 Resp: 16879

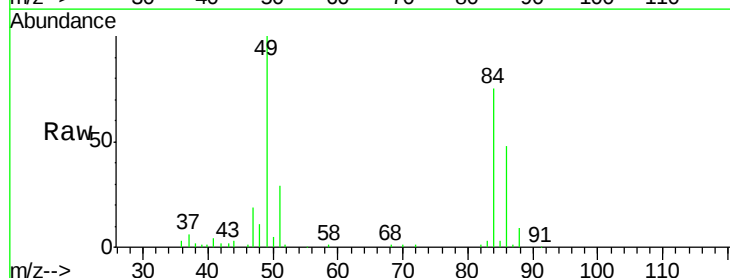
Ion Ratio Lower Upper

84 100

49 133.0 95.8 143.8

51 39.1 28.6 43.0

86 64.0 50.9 76.3

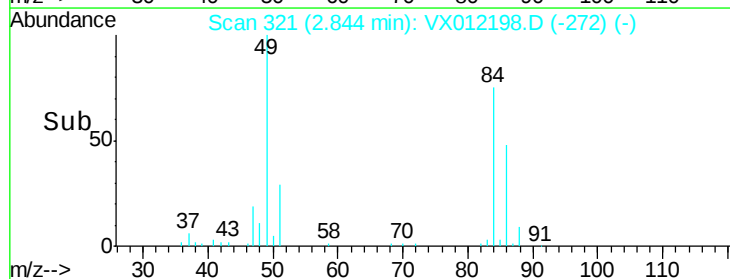
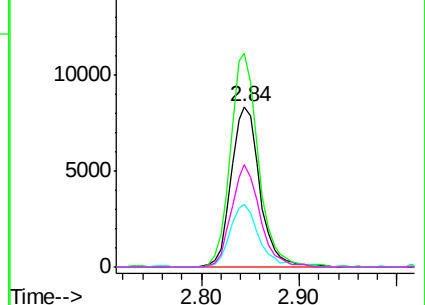


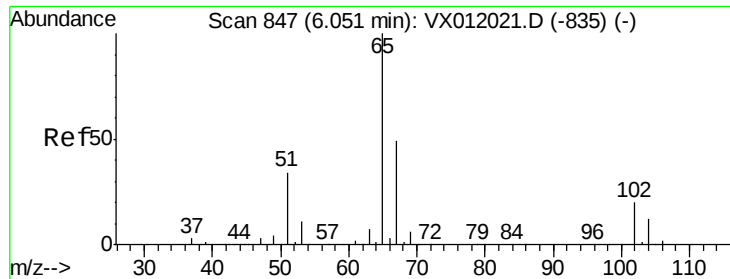
Abundance Ion 83.90 (83.60 to 84.60): VX0

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

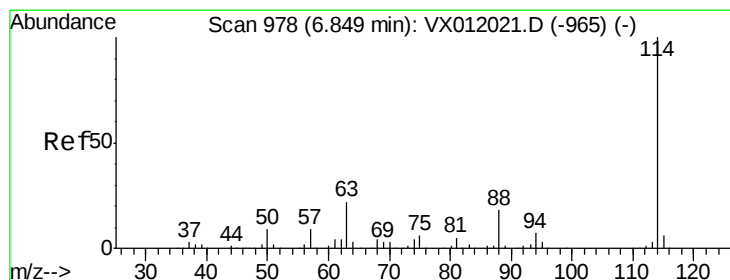
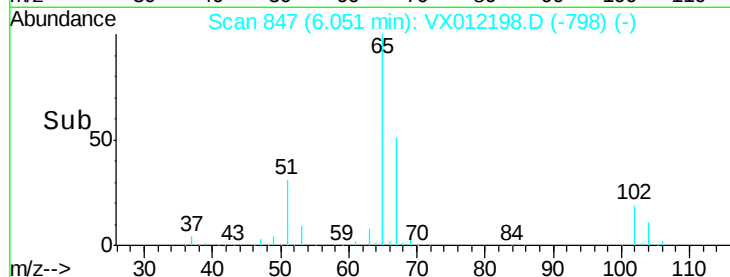
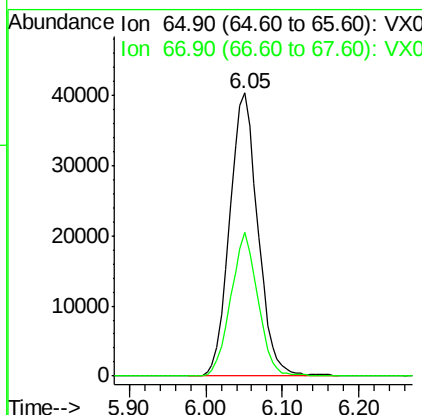
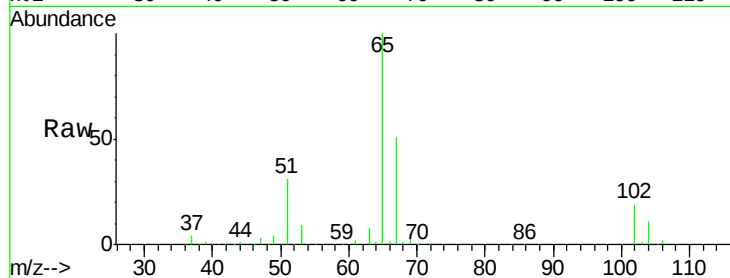




#33
 1,2-Dichloroethane-d4
 Concen: 49.136 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012198.D
 Acq: 08 Sep 2019 03:28

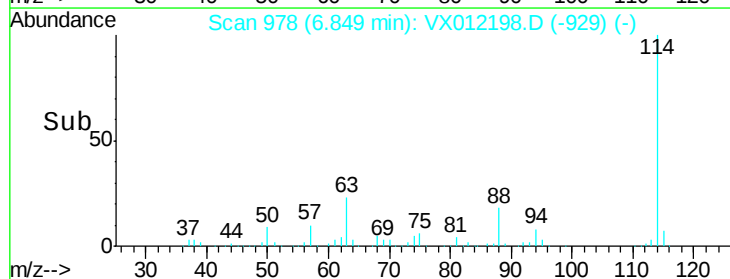
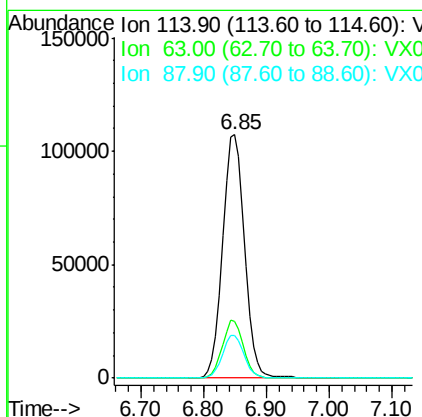
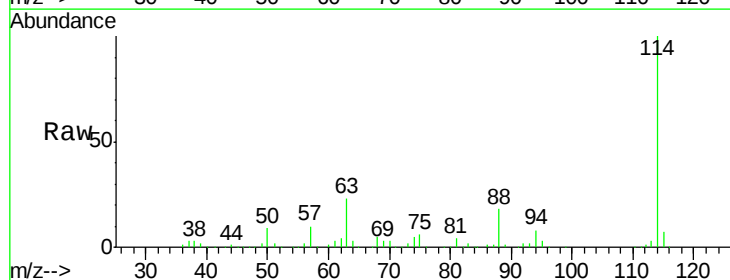
Instrument :
 MSVOA_X
 ClientSampleId :
 SOUTH-AVENUE-3-ABCD

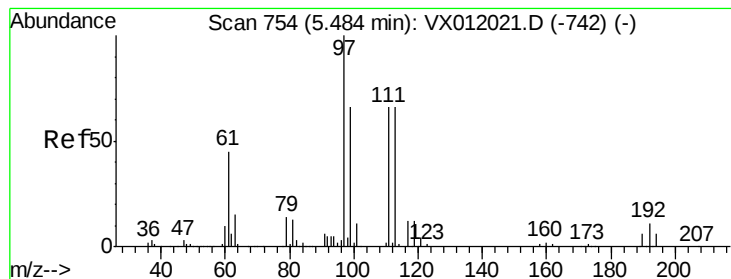
Tot Ion: 65 Resp: 103030
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012198.D
 Acq: 08 Sep 2019 03:28

Tgt Ion: 114 Resp: 261016
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 37.4
 88 17.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.071 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012198.D

Acq: 08 Sep 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

SOUTH-AVENUE-3-ABCD

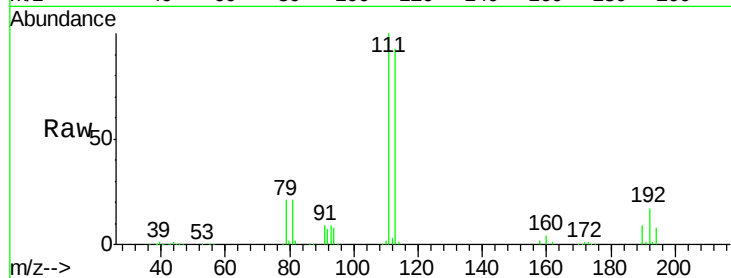
Tot Ion:113 Resp: 77162

Ion Ratio Lower Upper

113 100

111 104.4 81.7 122.5

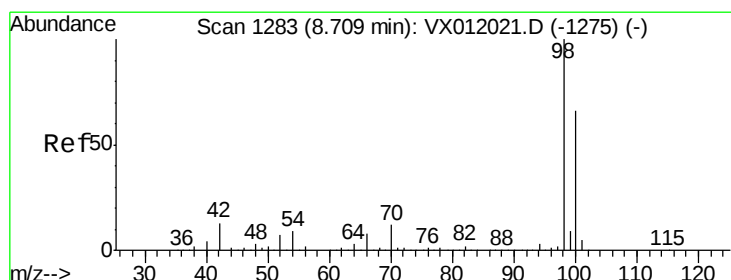
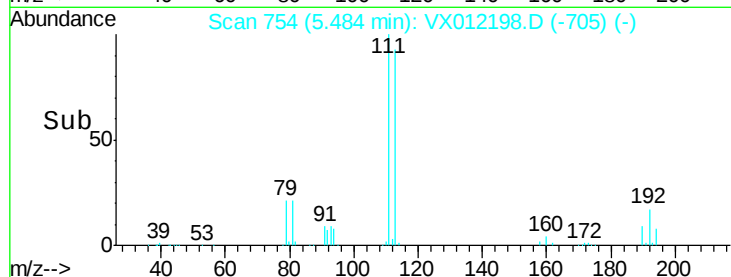
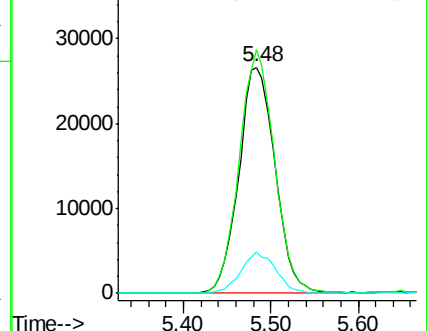
192 17.6 22.5 33.7#



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: 52.446 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012198.D

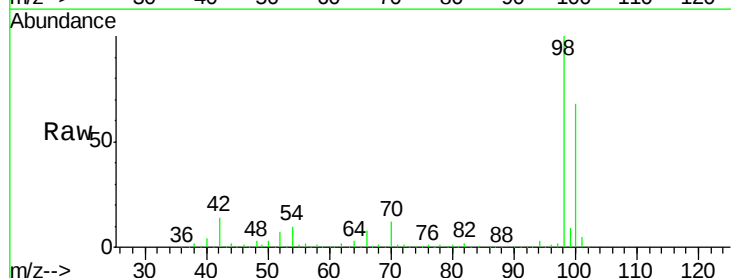
Acq: 08 Sep 2019 03:28

Tgt Ion: 98 Resp: 308923

Ion Ratio Lower Upper

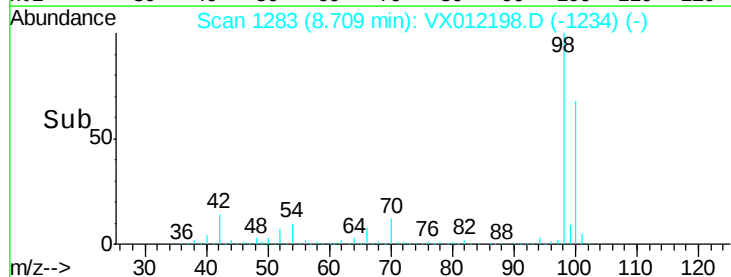
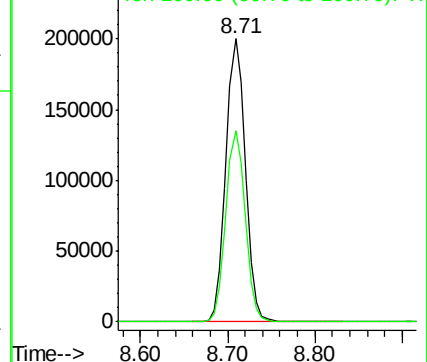
98 100

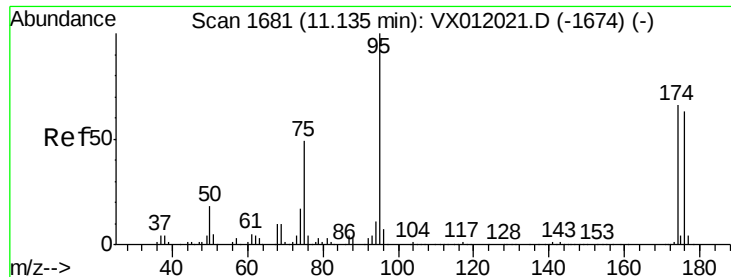
100 67.4 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

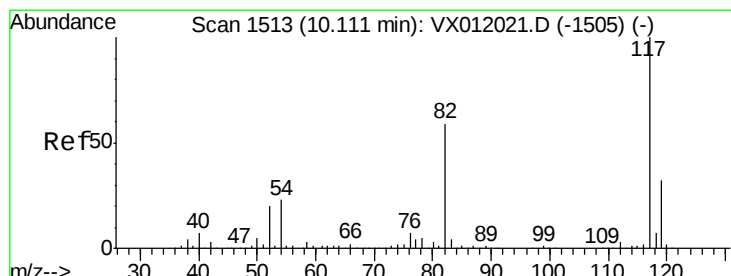
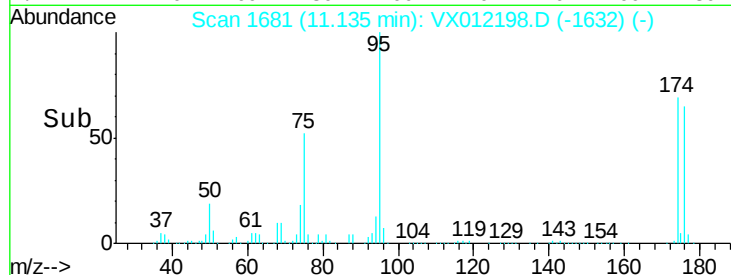
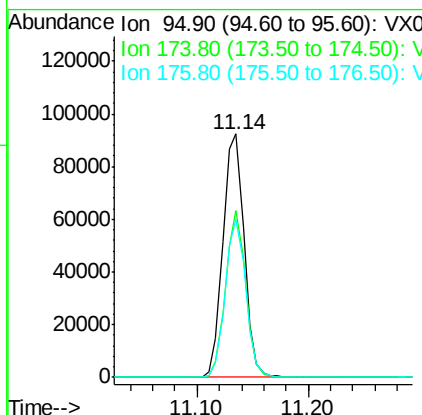
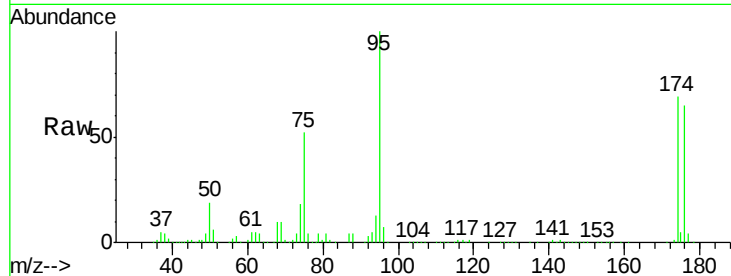




#62
4-Bromofluorobenzene
Concen: 44.539 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012198.D
Acq: 08 Sep 2019 03:28

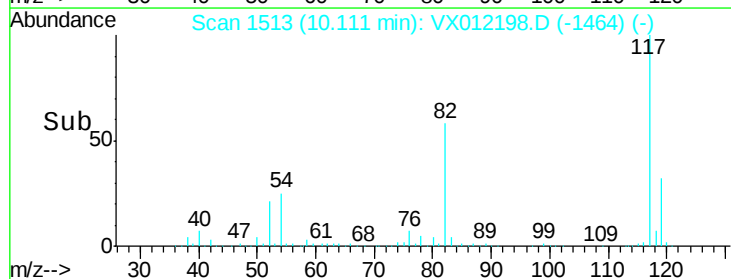
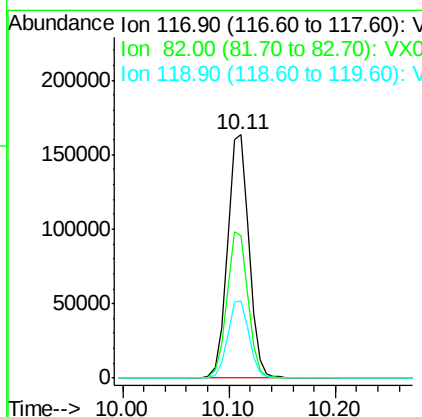
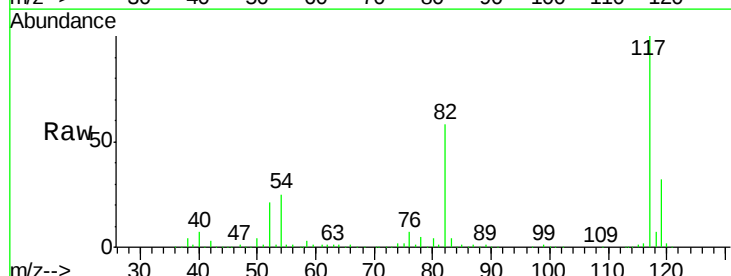
Instrument :
MSVOA_X
ClientSampleId :
SOUTH-AVENUE-3-ABCD

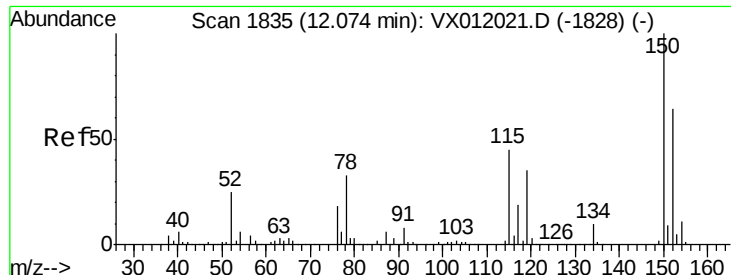
Tot Ion: 95 Resp: 122006
Ion Ratio Lower Upper
95 100
174 65.0 0.0 205.4
176 62.9 0.0 201.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012198.D
Acq: 08 Sep 2019 03:28

Tgt Ion: 117 Resp: 230706
Ion Ratio Lower Upper
117 100
82 58.4 39.4 59.0
119 31.8 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012198.D

Acq: 08 Sep 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

SOUTH-AVENUE-3-ABCD

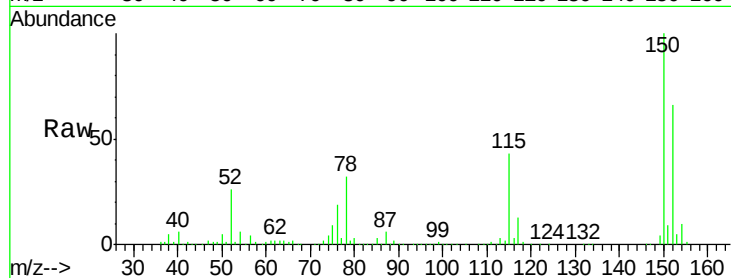
Tot Ion:152 Resp: 101389

Ion Ratio Lower Upper

152 100

115 65.9 36.4 109.3

150 156.3 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

