

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051019\
 Data File : VX009480.D
 Acq On : 10 May 2019 14:01
 Operator : JC/SP
 Sample : K2789-01DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTLET-01DL

Quant Time: May 11 03:13:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	27871	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	159689	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	138996	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	69232	29.94	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.80%
60) 4-Bromofluorobenzene	11.13	95	65172	27.59	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.97%
63) Toluene-d8	8.71	98	198031	30.05	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.17%

Target Compounds

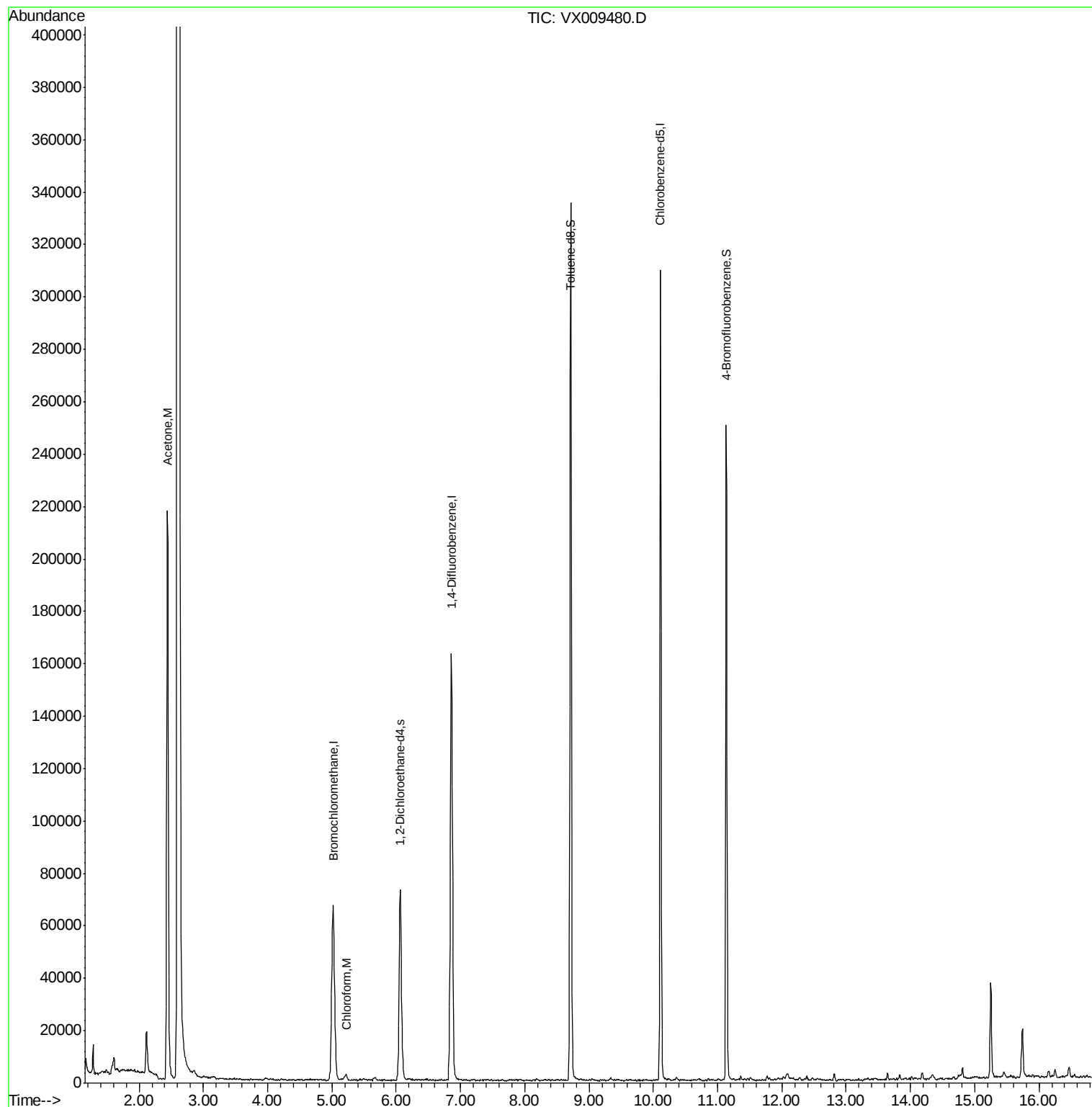
					Ovalue	
15) Acetone	2.44	58	71874	200.890	ug/l	93
25) Chloroform	5.21	83	2013	0.632	ug/l #	83

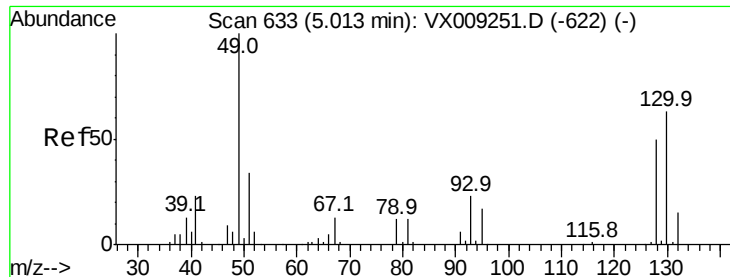
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.01 min

Lab File: VX009480.D

Acq: 10 May 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTLET-01DL

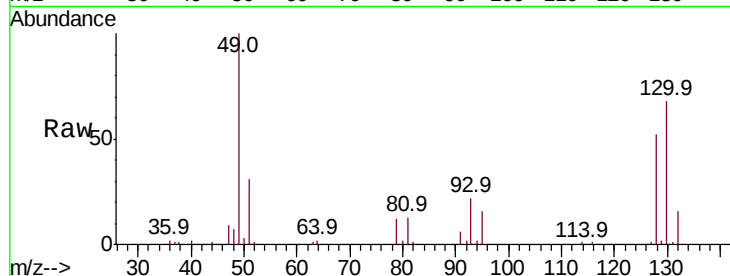
Tot Ion:128 Resp: 27871

Ion Ratio Lower Upper

128 100

49 195.8 0.0 515.0

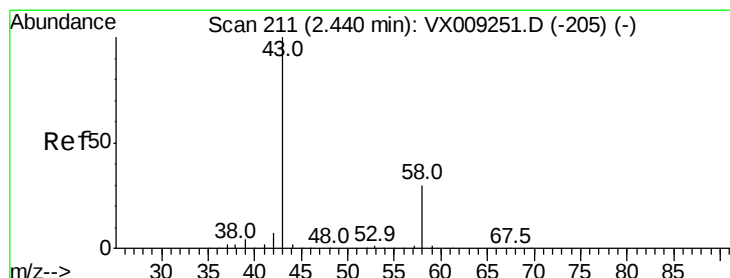
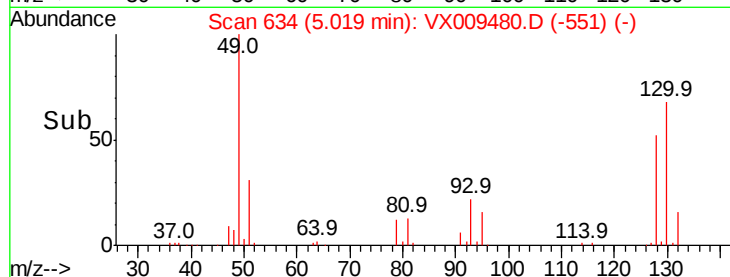
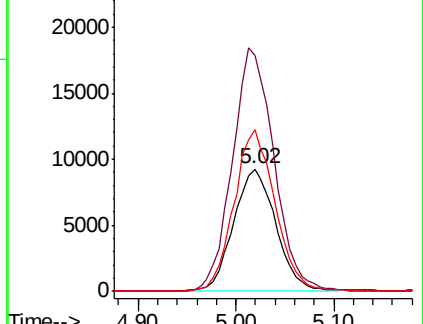
130 128.6 0.0 323.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 200.890 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX009480.D

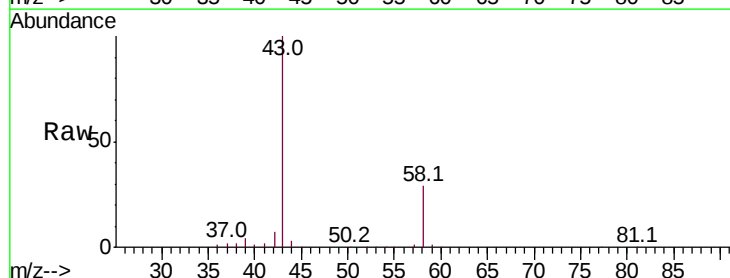
Acq: 10 May 2019 14:01

Tgt Ion: 58 Resp: 71874

Ion Ratio Lower Upper

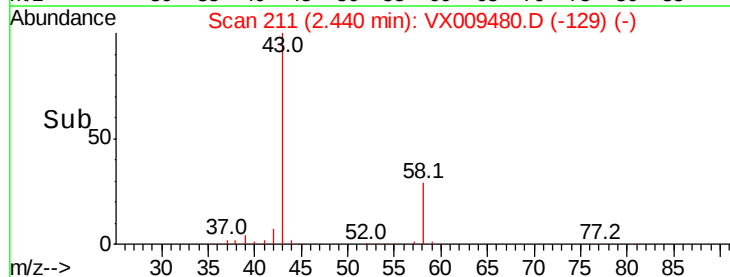
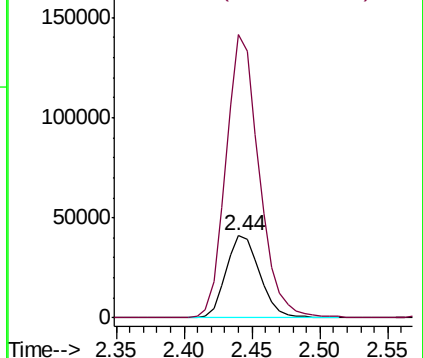
58 100

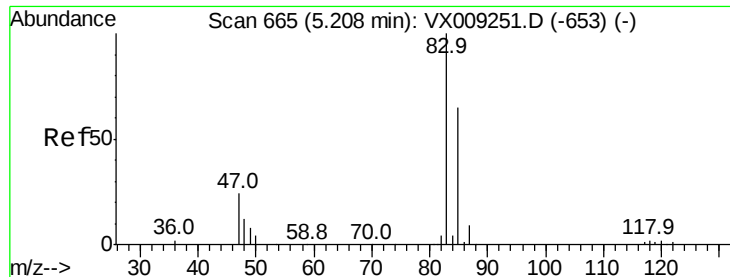
43 343.8 264.0 396.0



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

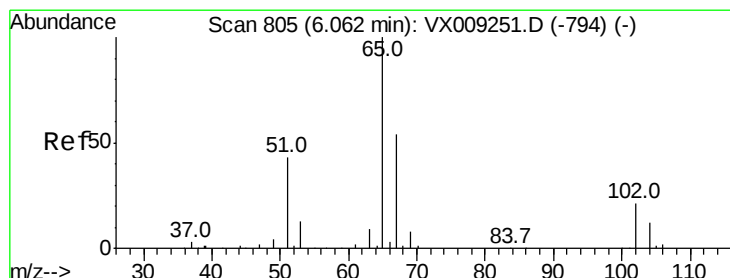
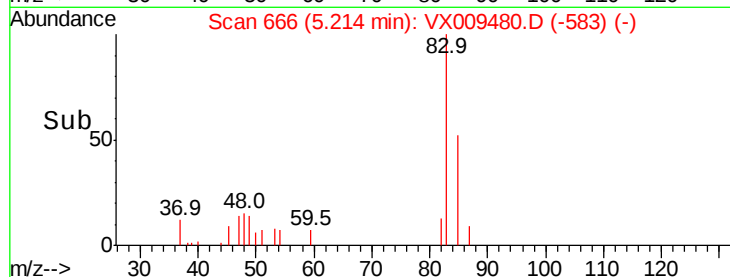
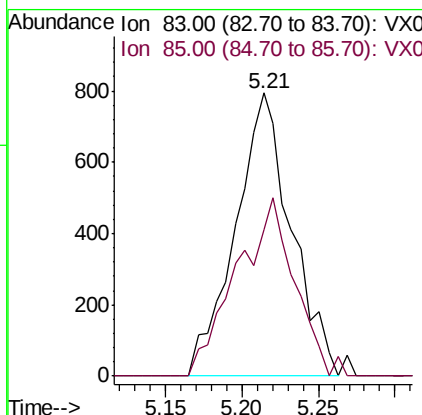
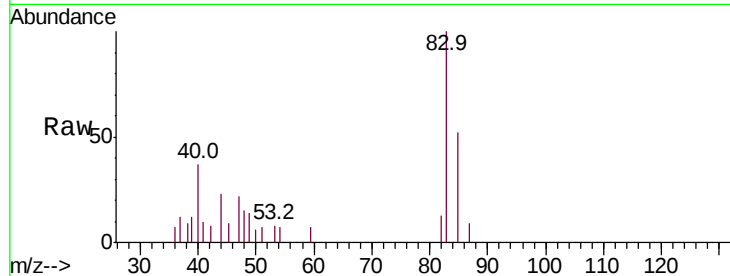




#25
 Chloroform
 Concen: 0.632 ug/l
 RT: 5.21 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: VX009480.D
 Acq: 10 May 2019 14:01

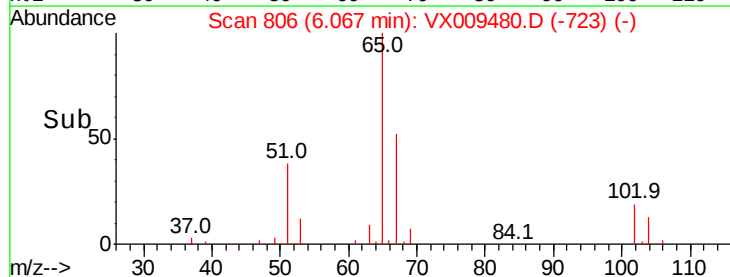
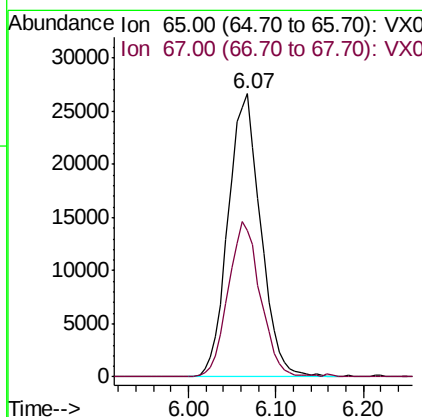
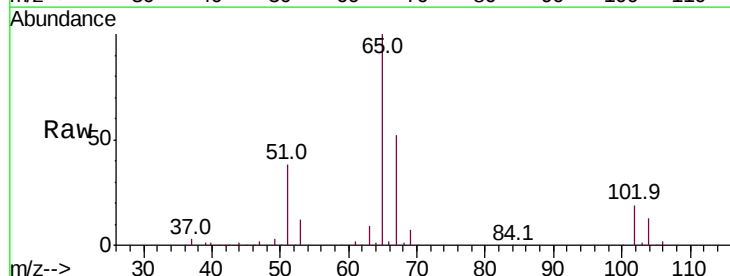
Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTLET-01DL

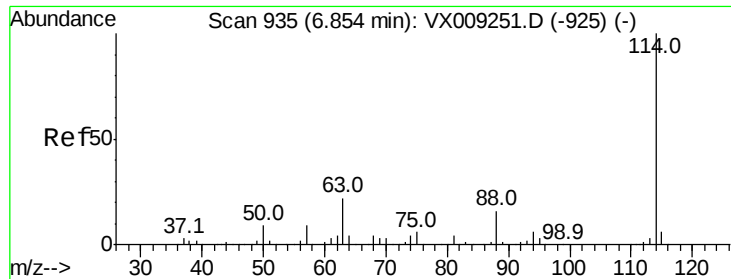
Tot Ion: 83 Resp: 2013
 Ion Ratio Lower Upper
 83 100
 85 51.8 51.9 77.9#



#27
 1,2-Dichloroethane-d4
 Concen: 29.944 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX009480.D
 Acq: 10 May 2019 14:01

Tgt Ion: 65 Resp: 69232
 Ion Ratio Lower Upper
 65 100
 67 54.2 43.1 64.7

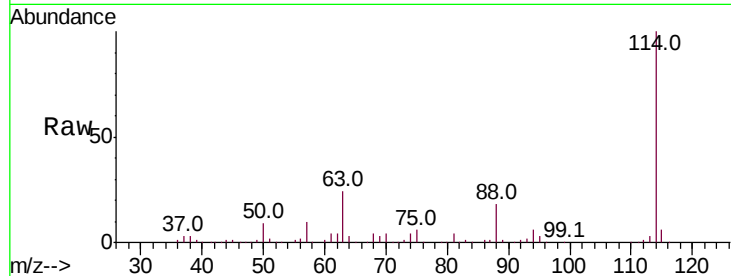




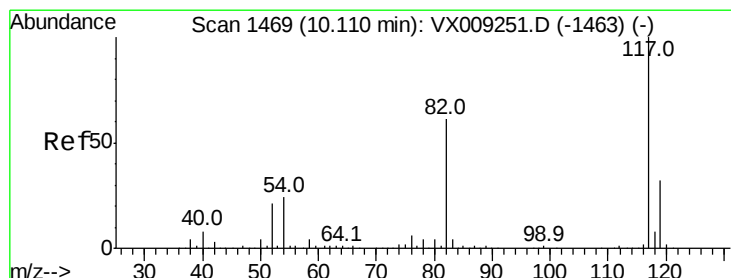
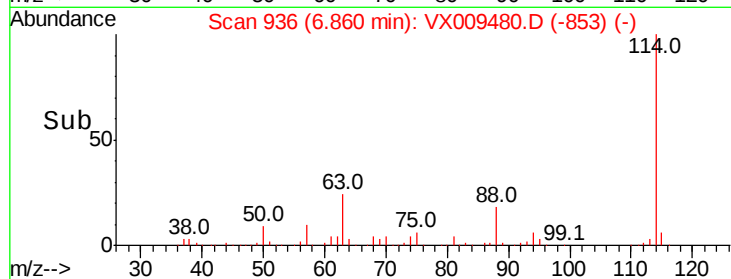
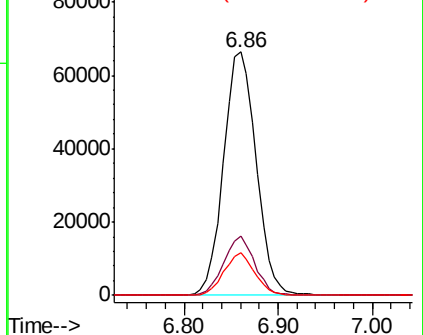
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VX009480.D
 Acq: 10 May 2019 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTLET-01DL

Tot Ion:114 Resp: 159689
 Ion Ratio Lower Upper
 114 100
 63 23.2 18.0 27.0
 88 16.7 13.4 20.0

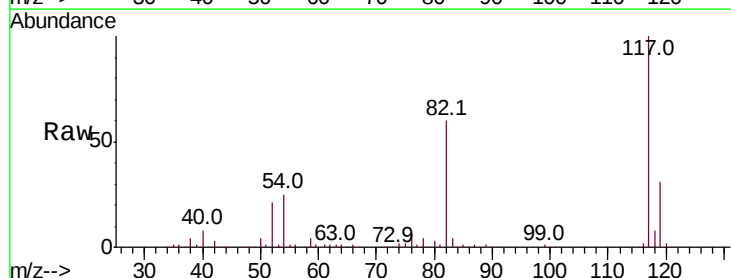


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 88.00 (87.70 to 88.70): VX0

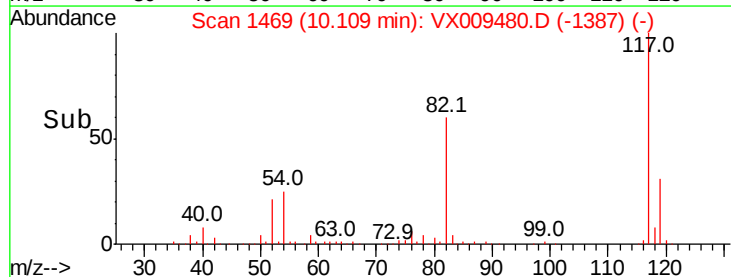
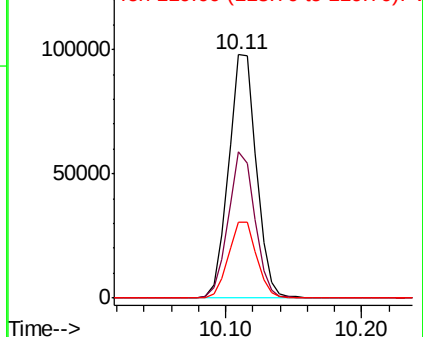


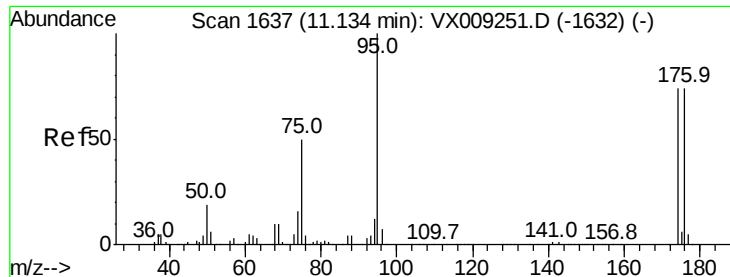
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX009480.D
 Acq: 10 May 2019 14:01

Tgt Ion:117 Resp: 138996
 Ion Ratio Lower Upper
 117 100
 82 57.9 47.8 71.8
 119 31.7 25.6 38.4



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): VX0
 Ion 119.00 (118.70 to 119.70): V

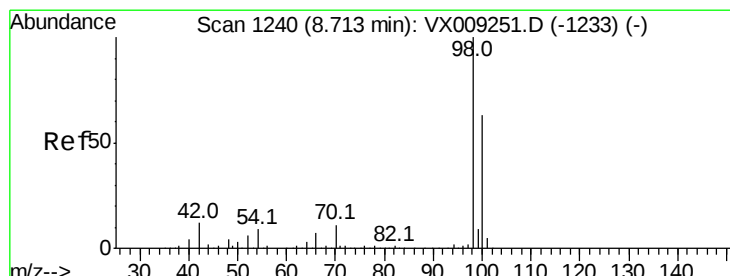
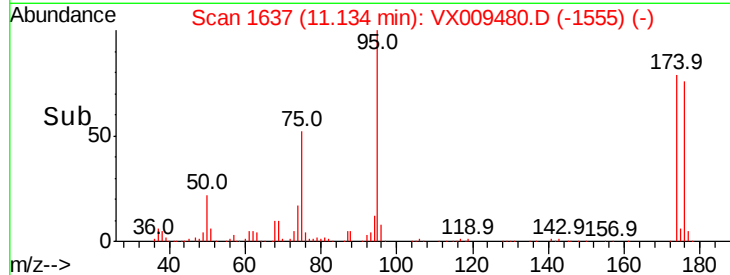
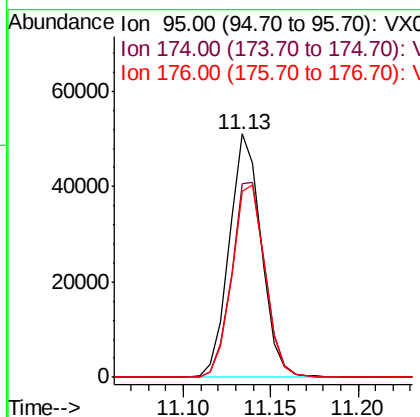
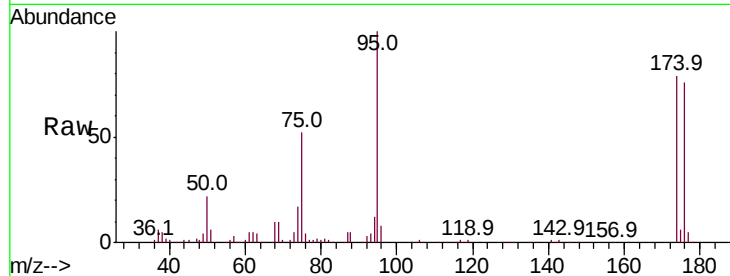




#60
 4-Bromofluorobenzene
 Concen: 27.593 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX009480.D
 Acq: 10 May 2019 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTLET-01DL

Tot Ion: 95 Resp: 65172
 Ion Ratio Lower Upper
 95 100
 174 83.5 63.6 95.4
 176 81.4 62.4 93.6



#63
 Toluene-d8
 Concen: 30.051 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009480.D
 Acq: 10 May 2019 14:01

Tgt Ion: 98 Resp: 198031
 Ion Ratio Lower Upper
 98 100
 100 63.5 52.3 78.5

