

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051019\
 Data File : VX009481.D
 Acq On : 10 May 2019 14:24
 Operator : JC/SP
 Sample : K2789-02DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTLET-02DL

Quant Time: May 11 03:18:14 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	28591	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	166678	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	141573	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.06	65	70989	29.93	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.77%
60) 4-Bromofluorobenzene	11.13	95	68796	28.60	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.33%
63) Toluene-d8	8.71	98	201132	29.97	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.90%

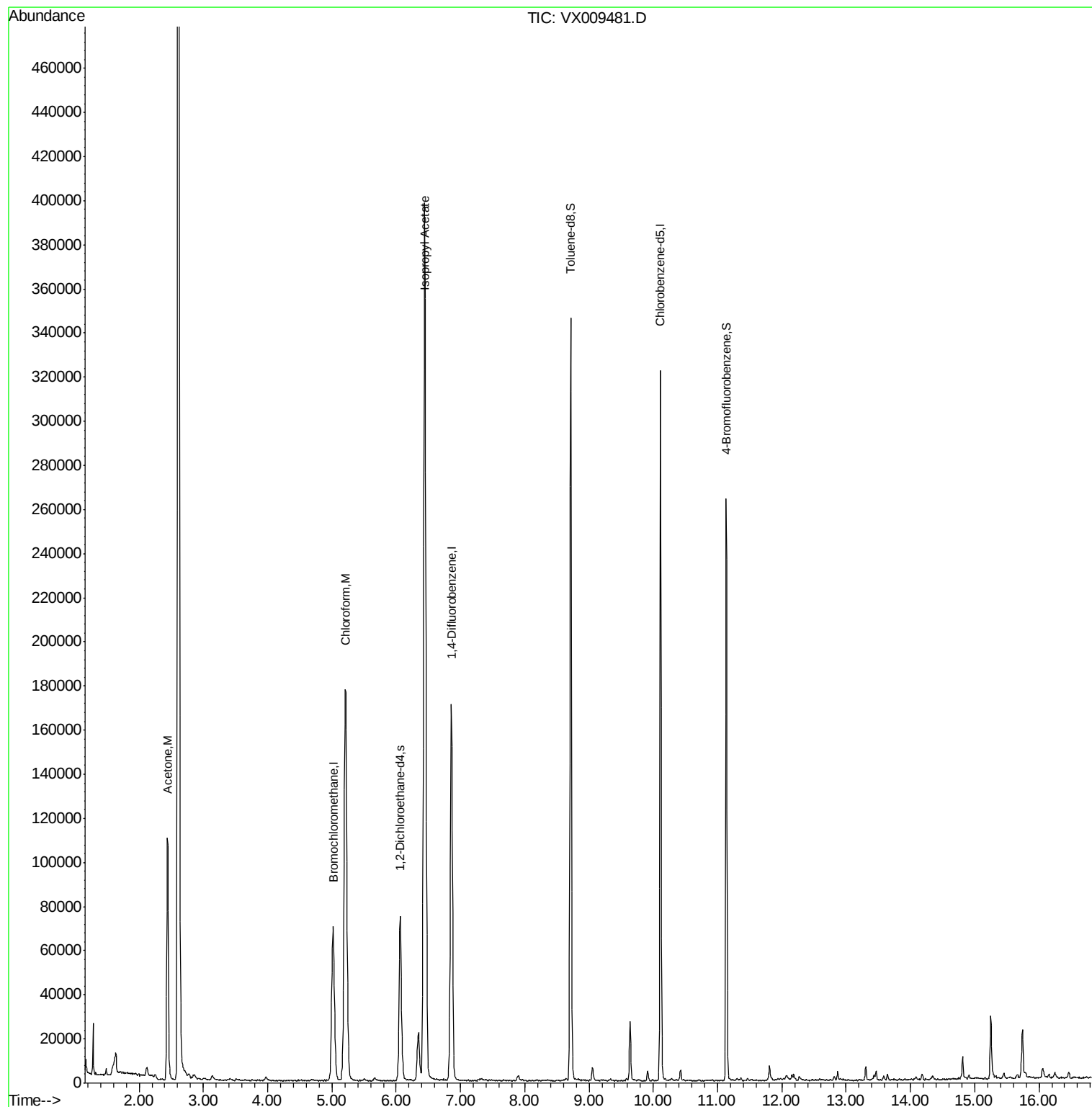
Target Compounds					Ovalue
15) Acetone	2.44	58	36386	99.139	ug/l 98
25) Chloroform	5.21	83	212569	65.102	ug/l 99
44) Isopropyl Acetate	6.45	43	555759	99.122	ug/l 99

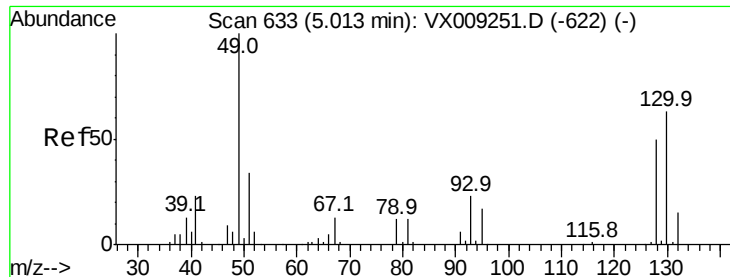
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009481.D

Acq: 10 May 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTLET-02DL

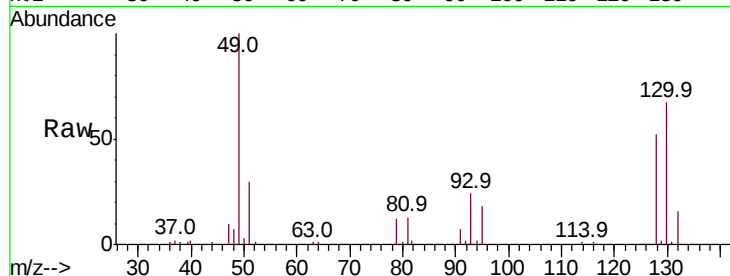
Tot Ion:128 Resp: 28591

Ion Ratio Lower Upper

128 100

49 196.6 0.0 515.0

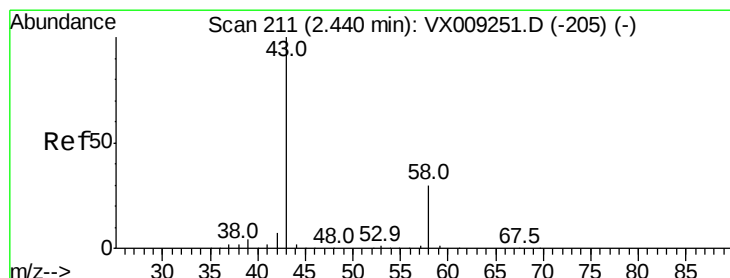
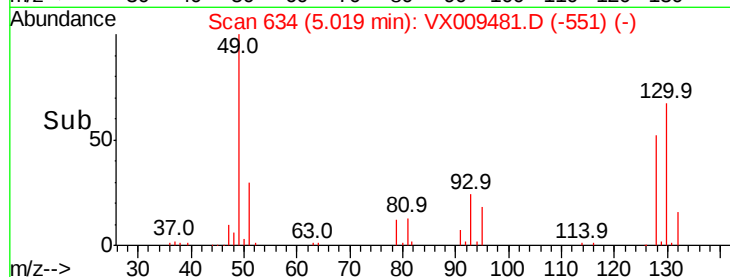
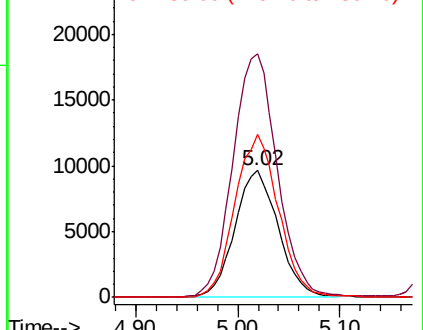
130 129.1 0.0 323.3



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: 99.139 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX009481.D

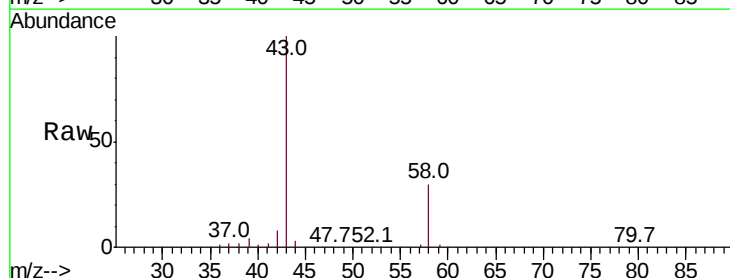
Acq: 10 May 2019 14:24

Tgt Ion: 58 Resp: 36386

Ion Ratio Lower Upper

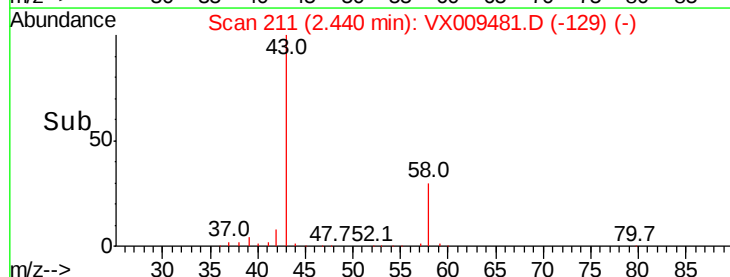
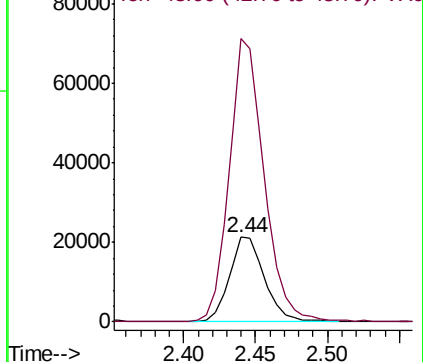
58 100

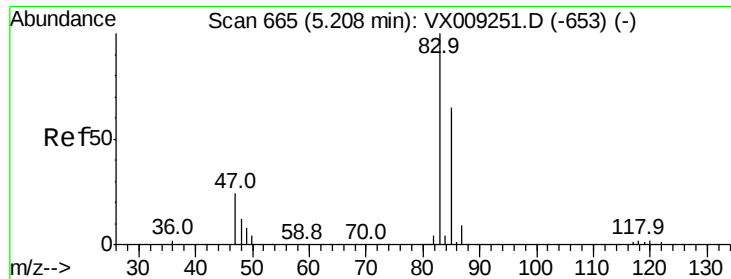
43 333.8 264.0 396.0



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

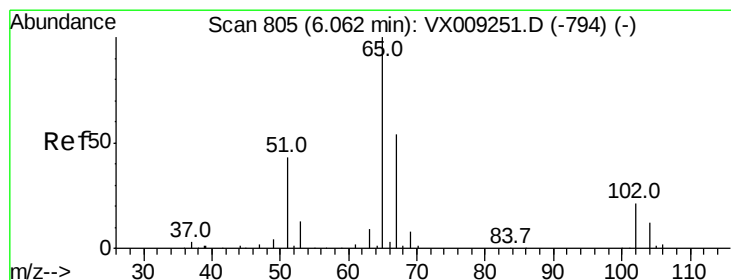
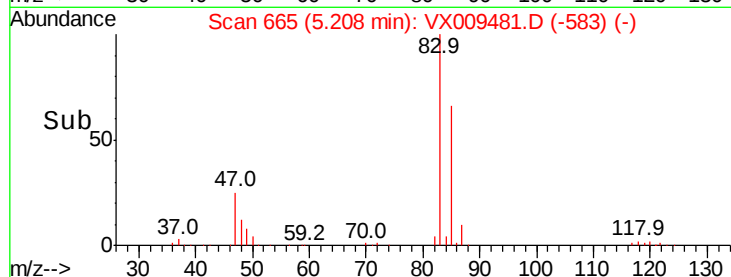
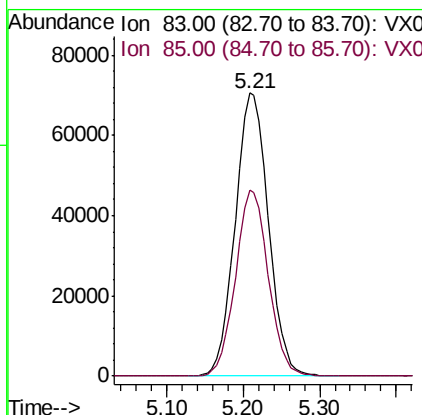
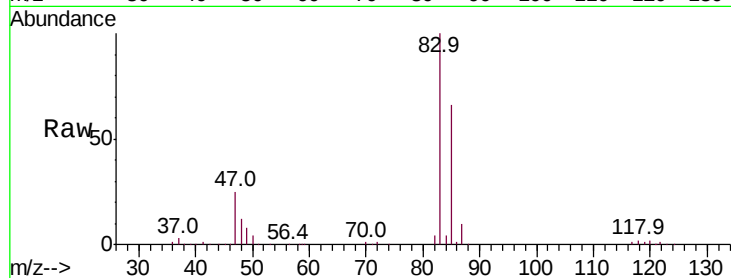




#25
Chloroform
Concen: 65.102 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX009481.D
Acq: 10 May 2019 14:24

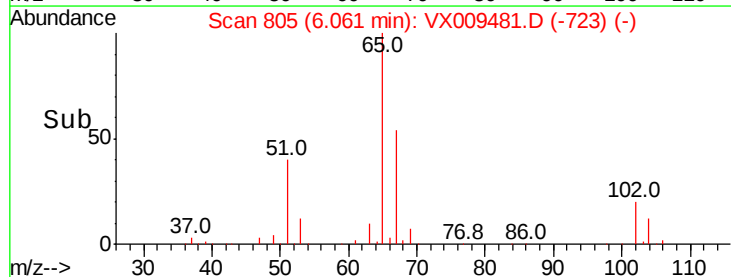
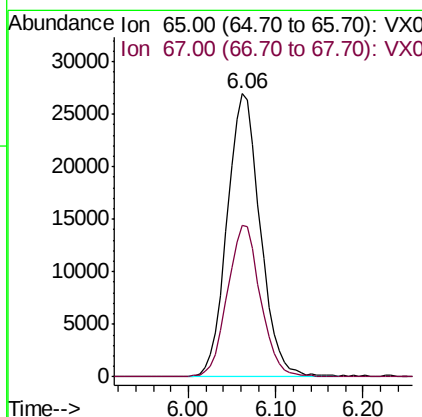
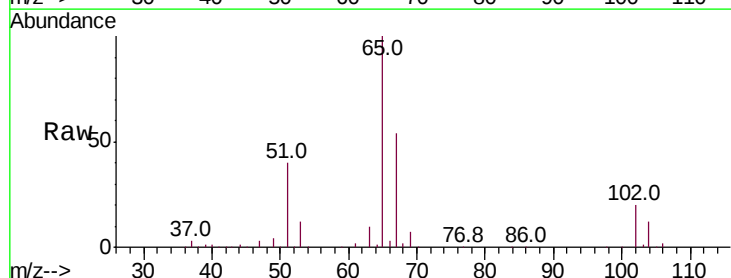
Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02DL

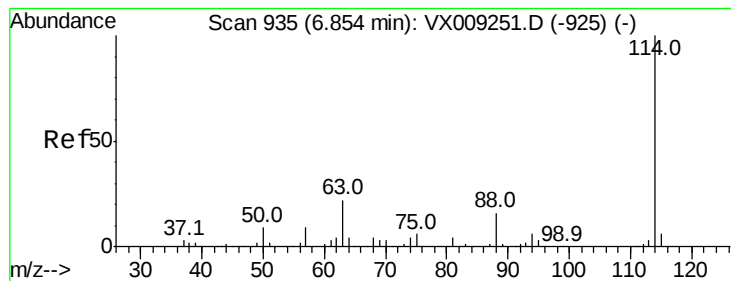
Tot Ion: 83 Resp: 212569
Ion Ratio Lower Upper
83 100
85 65.6 51.9 77.9



#27
1,2-Dichloroethane-d4
Concen: 29.931 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009481.D
Acq: 10 May 2019 14:24

Tgt Ion: 65 Resp: 70989
Ion Ratio Lower Upper
65 100
67 53.4 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: VX009481.D

Acq: 10 May 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTLET-02DL

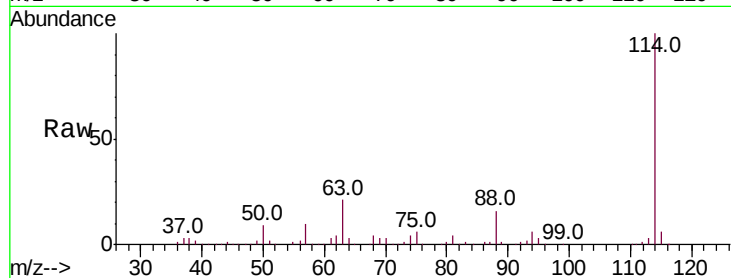
Tot Ion:114 Resp: 166678

Ion Ratio Lower Upper

114 100

63 22.4 18.0 27.0

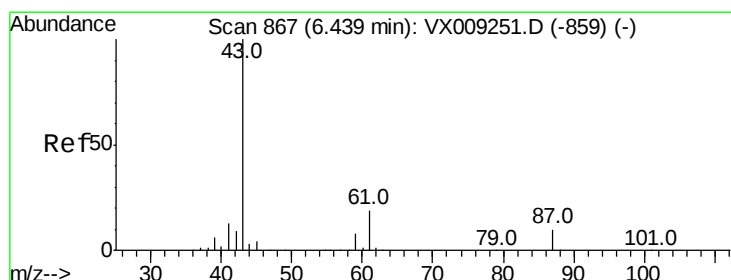
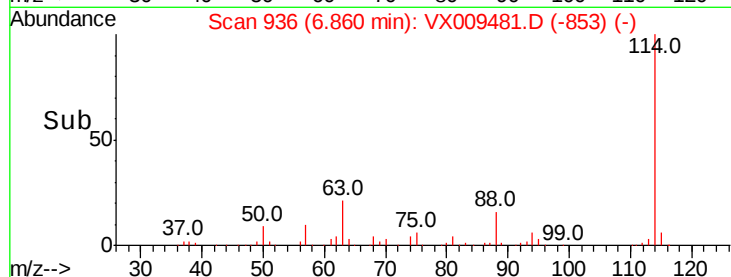
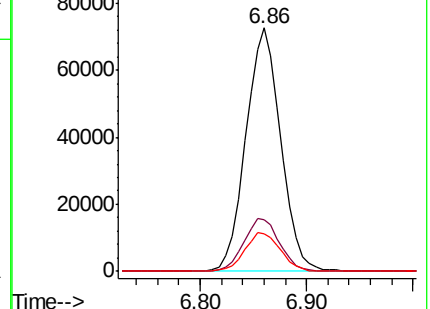
88 16.3 13.4 20.0



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



#44

Isopropyl Acetate

Concen: 99.122 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.01 min

Lab File: VX009481.D

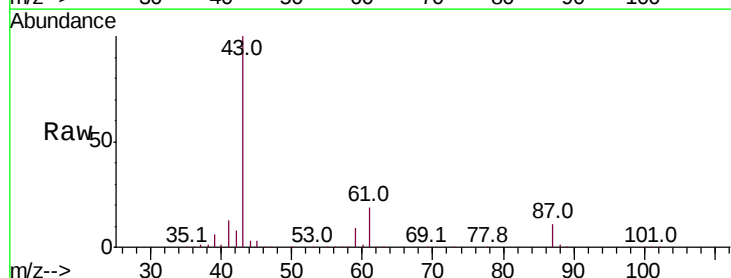
Acq: 10 May 2019 14:24

Tgt Ion: 43 Resp: 555759

Ion Ratio Lower Upper

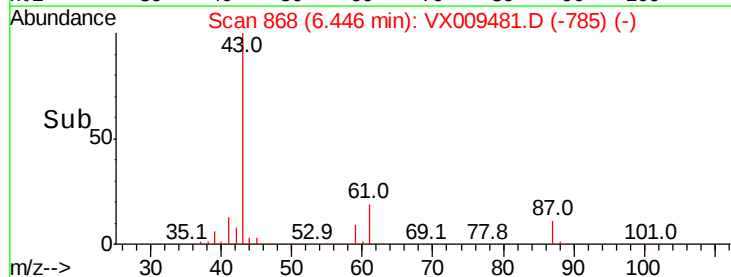
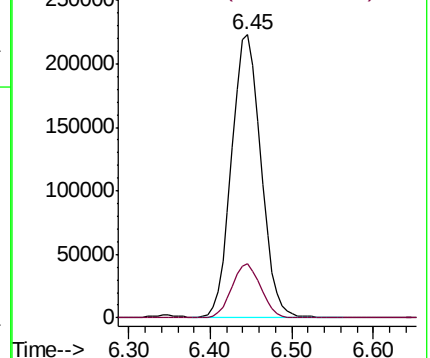
43 100

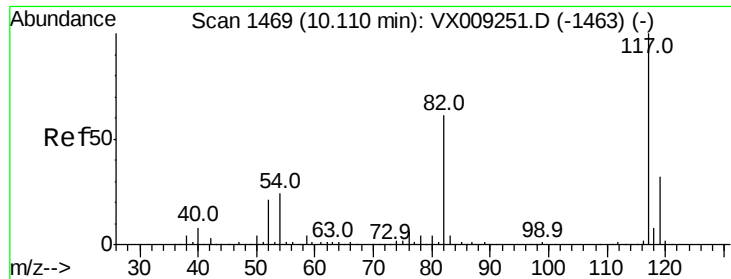
61 18.8 15.4 23.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

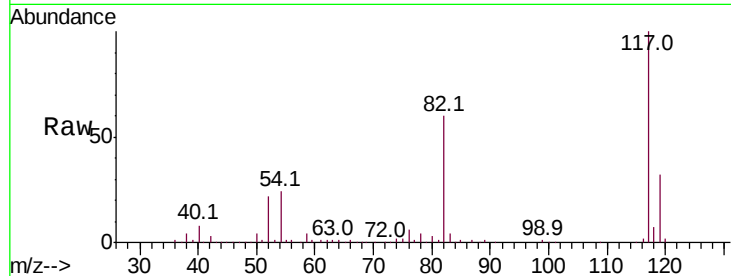




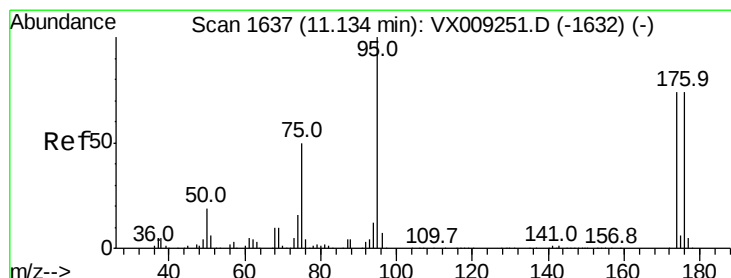
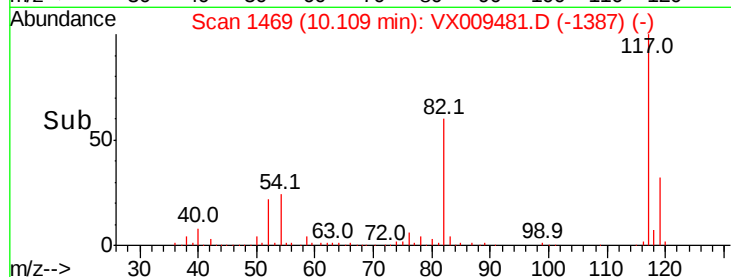
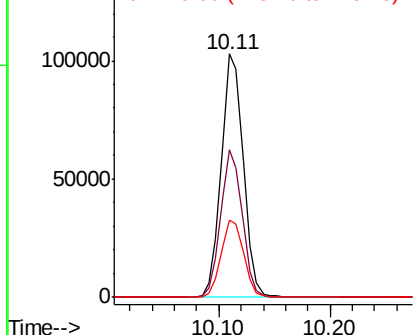
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX009481.D
 Acq: 10 May 2019 14:24

Instrument :
 MSVOA_X
 ClientSampleID :
 SEWER-OUTLET-02DL

Tot Ion:117 Resp: 141573
 Ion Ratio Lower Upper
 117 100
 82 59.0 47.8 71.8
 119 31.9 25.6 38.4

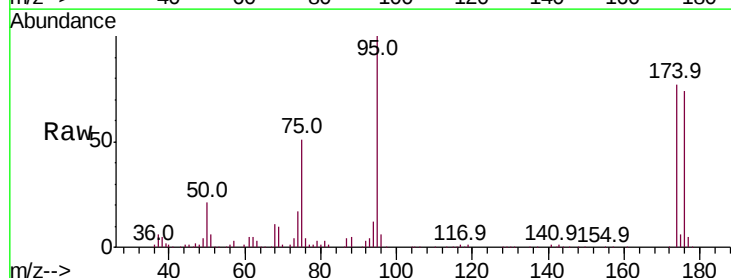


Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): VX0
 Ion 119.00 (118.70 to 119.70): V

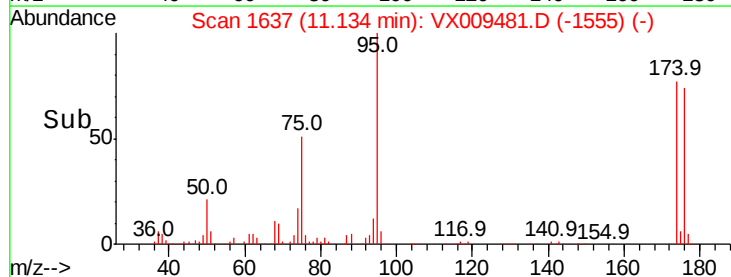
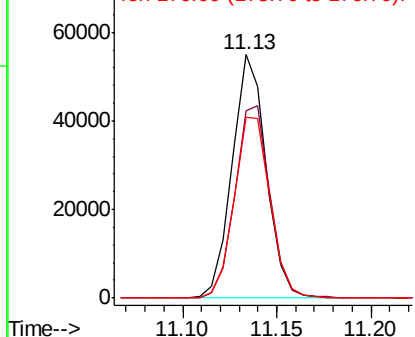


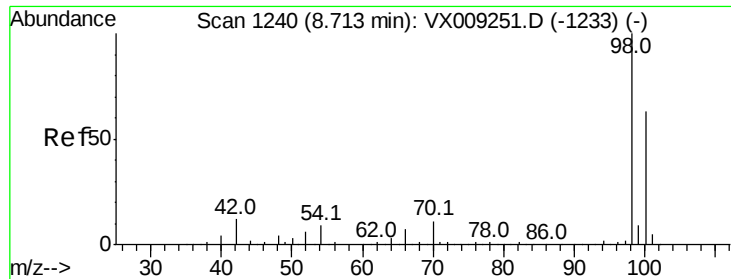
#60
 4-Bromofluorobenzene
 Concen: 28.597 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX009481.D
 Acq: 10 May 2019 14:24

Tgt Ion: 95 Resp: 68796
 Ion Ratio Lower Upper
 95 100
 174 81.9 63.6 95.4
 176 78.7 62.4 93.6



Abundance Ion 95.00 (94.70 to 95.70): VX0
 Ion 174.00 (173.70 to 174.70): V
 Ion 176.00 (175.70 to 176.70): V





#63

Toluene-d8

Concen: 29.966 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009481.D

Acq: 10 May 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTLET-02DL

Tot Ion: 98 Resp: 201132

Ion Ratio Lower Upper

98 100

100 64.6 52.3 78.5

