

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051019\
 Data File : VX009475.D
 Acq On : 10 May 2019 12:04
 Operator : JC/SP
 Sample : K2789-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTLET-01

Quant Time: May 11 03:11:33 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	5.03	128	26564	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.86	114	160929	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	140946	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	69631	31.60	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery	=	105.33%	
60) 4-Bromofluorobenzene	11.13	95	68103	28.44	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery	=	94.80%	
63) Toluene-d8	8.71	98	199706	29.89	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery	=	99.63%	

Target Compounds

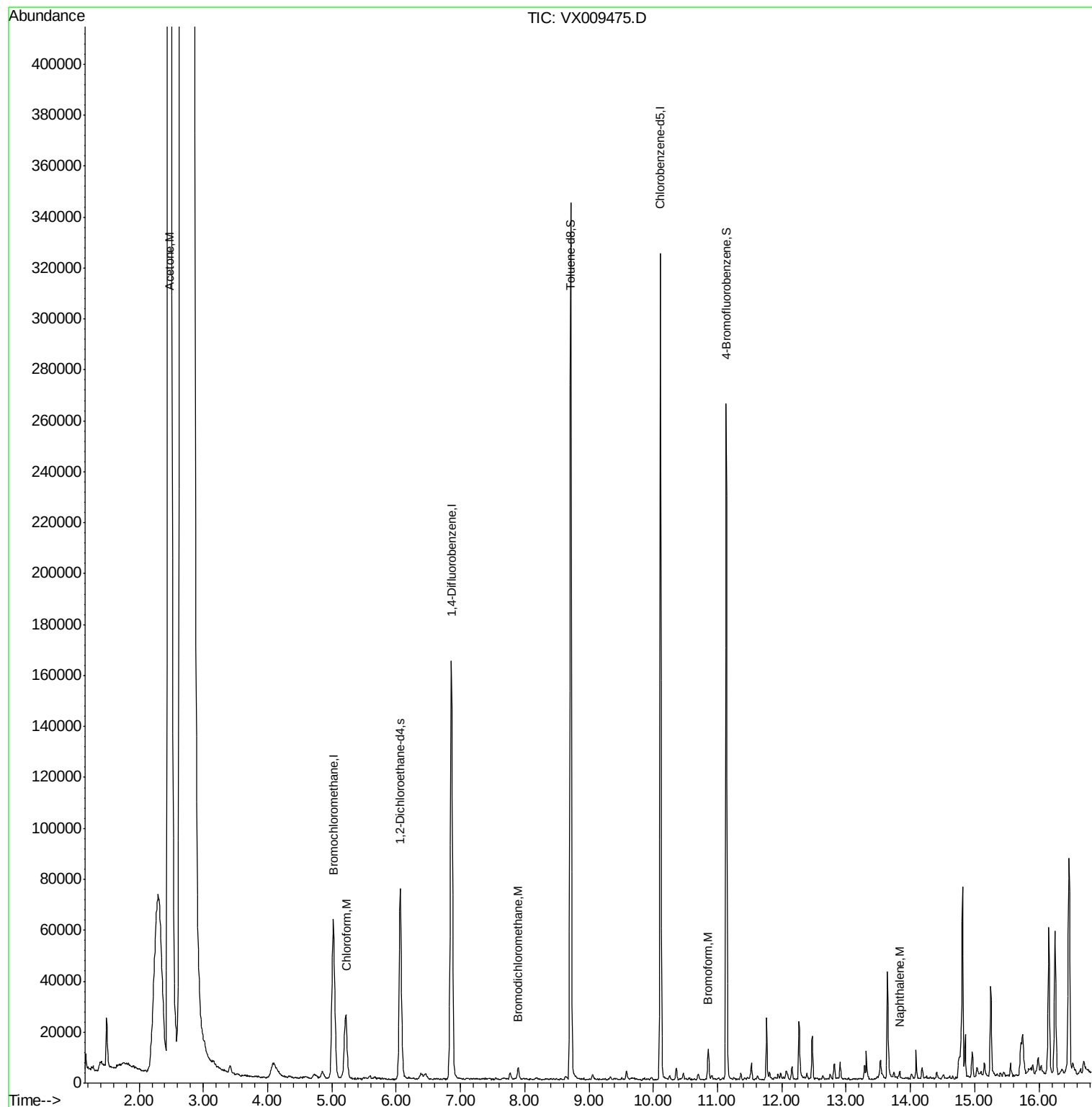
					Ovalue	
15) Acetone	2.47	58	1716192	5032.815	ug/l	96
25) Chloroform	5.21	83	29401	9.692	ug/l	98
41) Bromodichloromethane	7.90	83	2785	1.159	ug/l #	95
56) Bromoform	10.85	173	4254	3.087	ug/l #	94
91) Naphthalene	13.83	128	2038	0.243	ug/l #	97

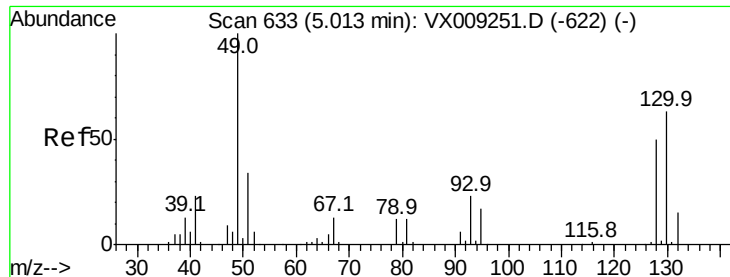
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 02 06:46:57 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 635

Delta R.T. 0.01 min

Lab File: VX009475.D

Acq: 10 May 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTLET-01

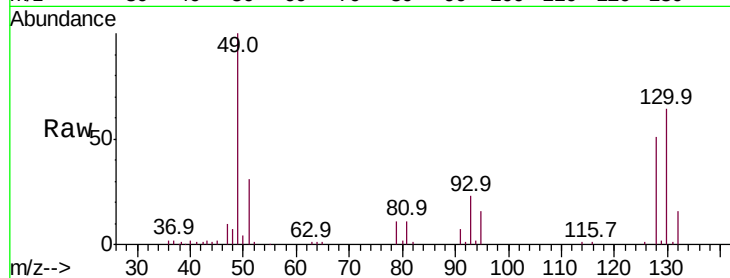
Tot Ion:128 Resp: 26564

Ion Ratio Lower Upper

128 100

49 197.1 0.0 515.0

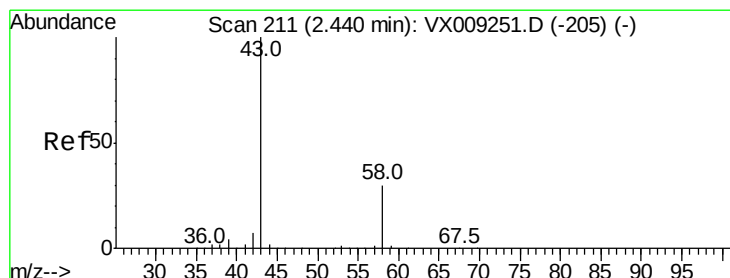
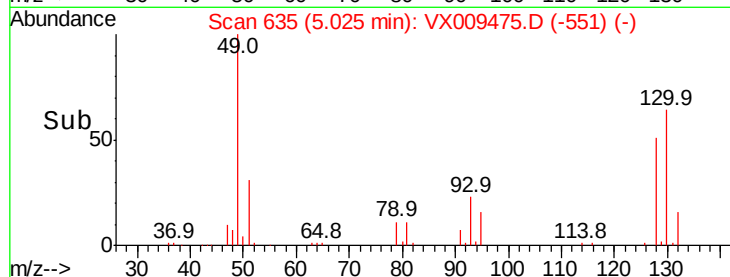
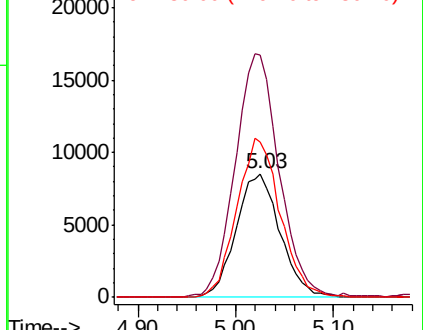
130 127.5 0.0 323.3



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: 5032.815 ug/l

RT: 2.47 min Scan# 216

Delta R.T. 0.03 min

Lab File: VX009475.D

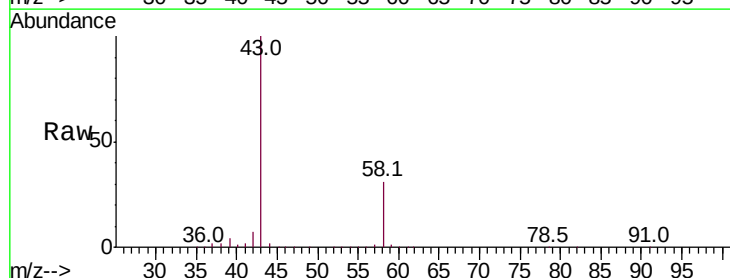
Acq: 10 May 2019 12:04

Tgt Ion: 58 Resp: 1716192

Ion Ratio Lower Upper

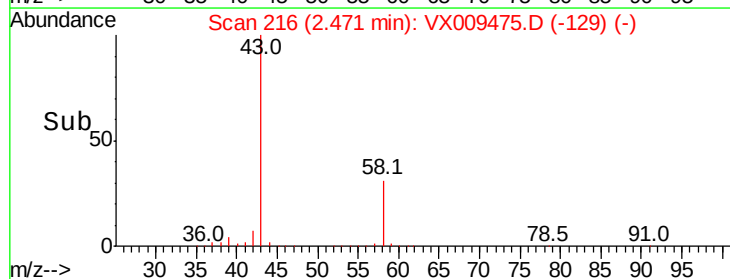
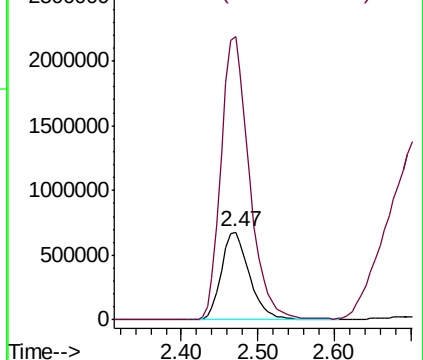
58 100

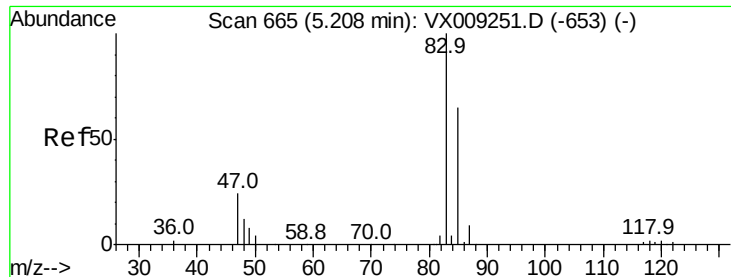
43 322.0 264.0 396.0



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 9.692 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX009475.D

Acq: 10 May 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

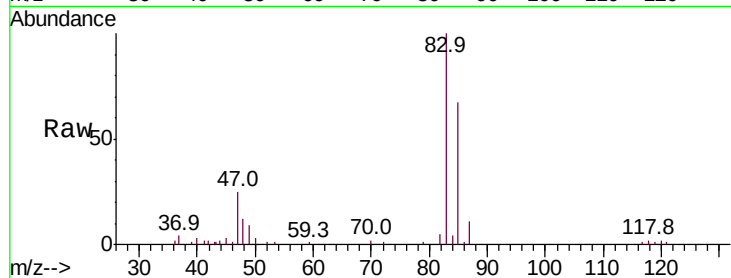
SEWER-OUTLET-01

Tot Ion: 83 Resp: 29401

Ion Ratio Lower Upper

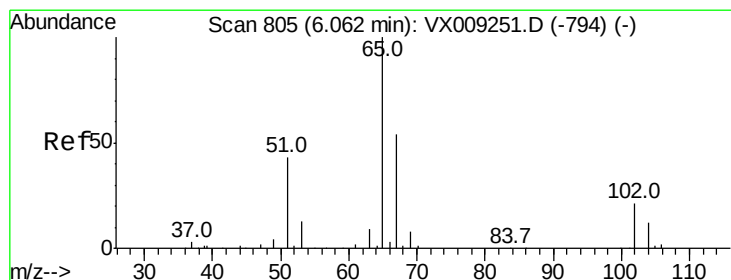
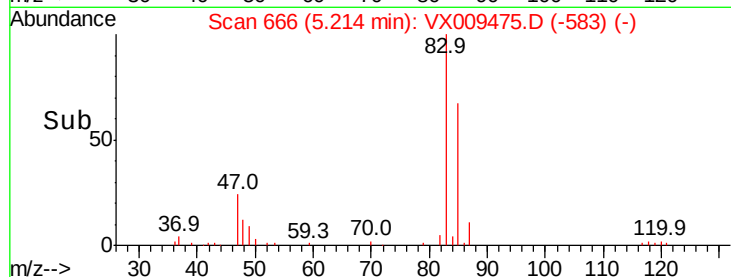
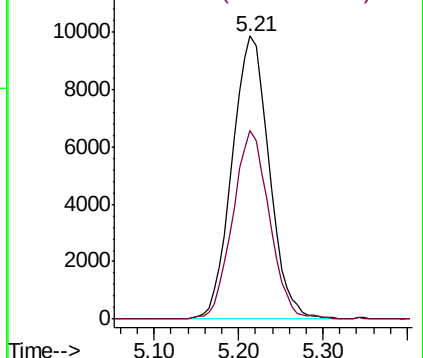
83 100

85 66.6 51.9 77.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#27

1,2-Dichloroethane-d4

Concen: 31.599 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009475.D

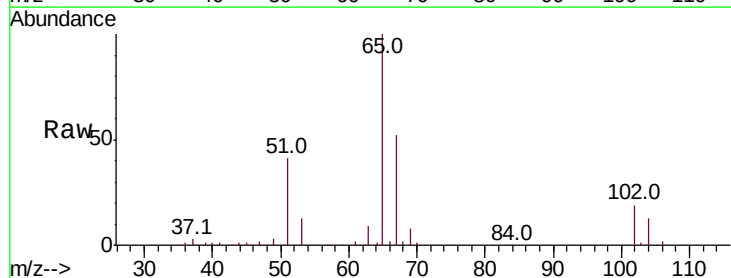
Acq: 10 May 2019 12:04

Tgt Ion: 65 Resp: 69631

Ion Ratio Lower Upper

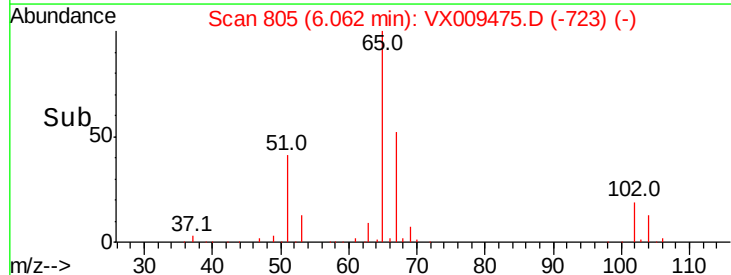
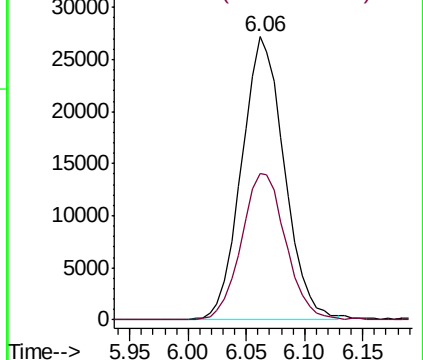
65 100

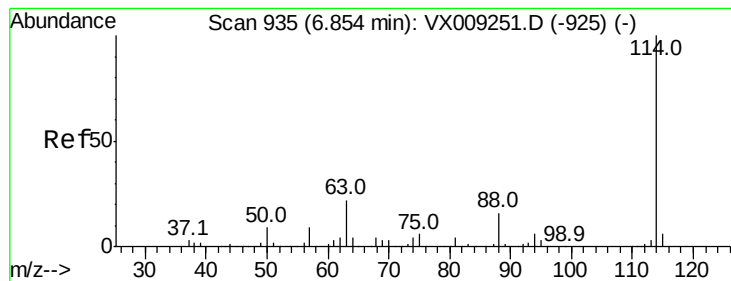
67 53.5 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.01 min

Lab File: VX009475.D

Acq: 10 May 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTLET-01

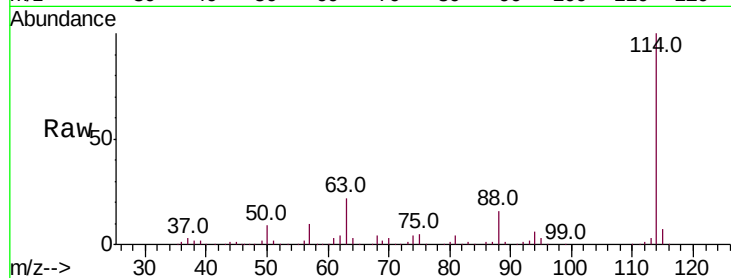
Tot Ion:114 Resp: 160929

Ion Ratio Lower Upper

114 100

63 22.8 18.0 27.0

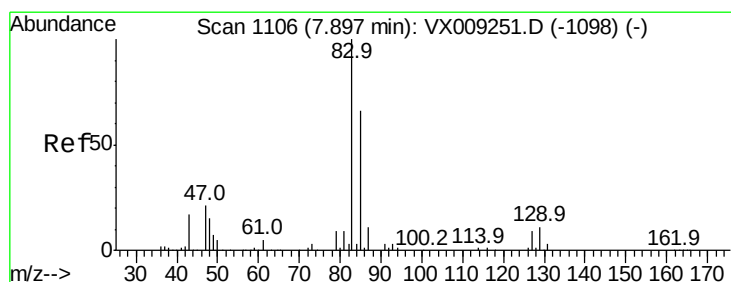
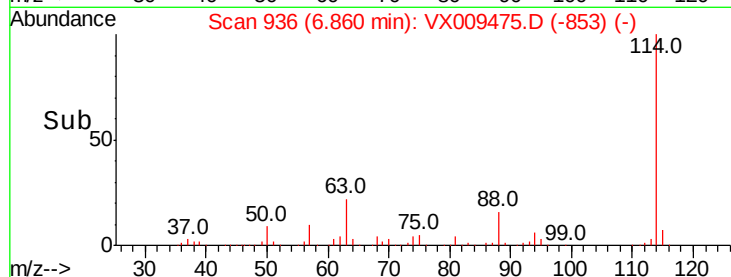
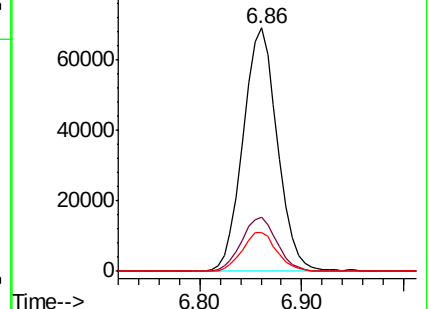
88 16.2 13.4 20.0



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



#41

Bromodichloromethane

Concen: 1.159 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009475.D

Acq: 10 May 2019 12:04

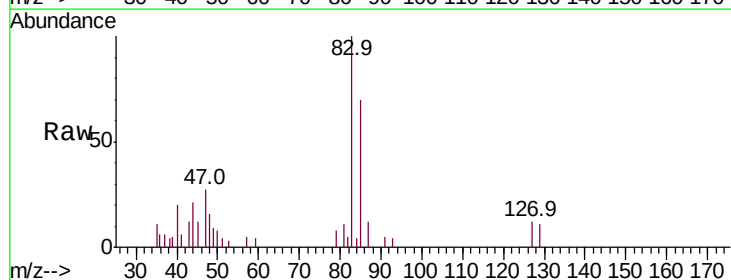
Tgt Ion: 83 Resp: 2785

Ion Ratio Lower Upper

83 100

85 69.7 52.6 79.0

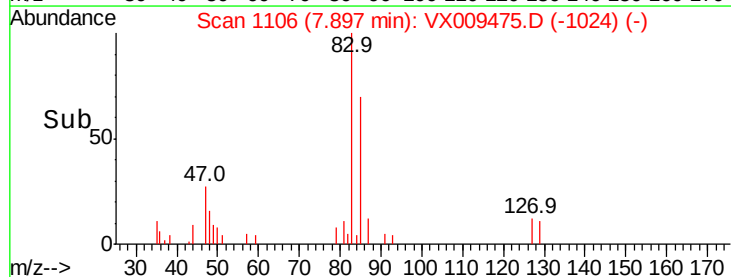
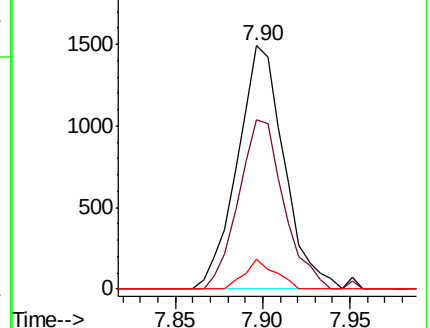
127 12.0 6.9 10.3#

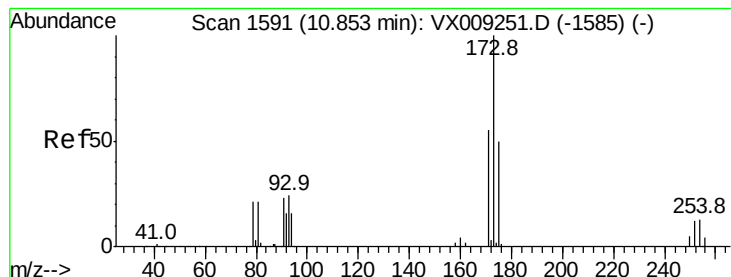


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V





#56

Bromoform

Concen: 3.087 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009475.D

Acq: 10 May 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTLET-01

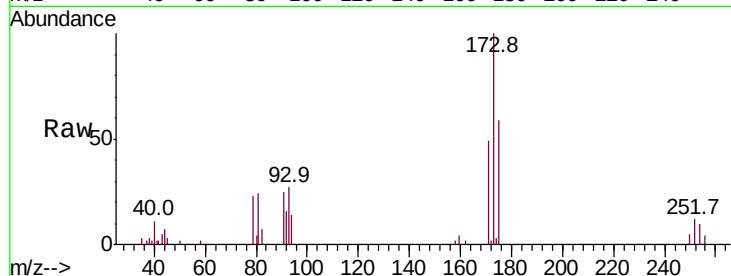
Tot Ion:173 Resp: 4254

Ion Ratio Lower Upper

173 100

175 51.4 39.4 59.2

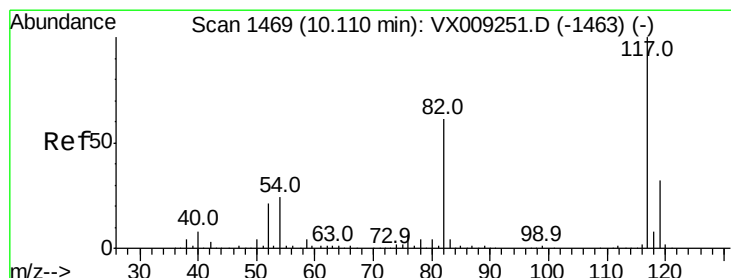
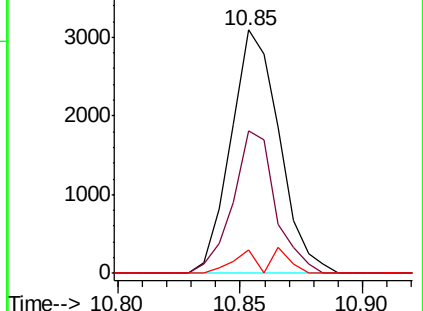
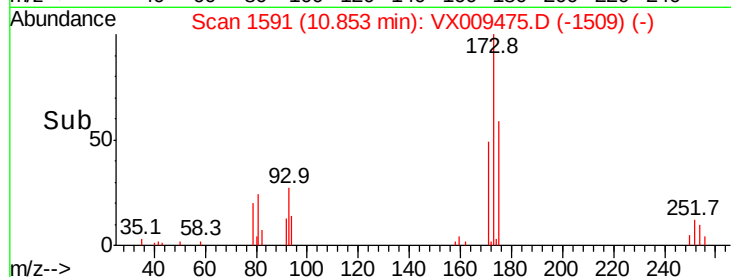
254 4.6 9.9 14.9#



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009475.D

Acq: 10 May 2019 12:04

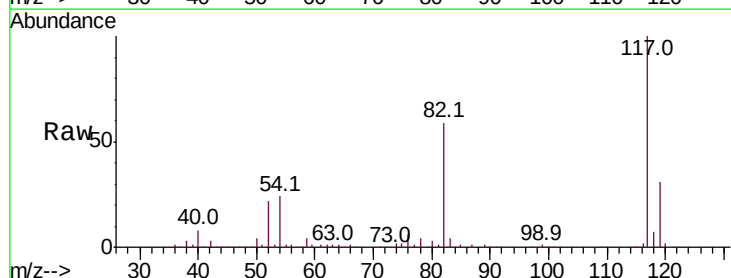
Tgt Ion:117 Resp: 140946

Ion Ratio Lower Upper

117 100

82 58.2 47.8 71.8

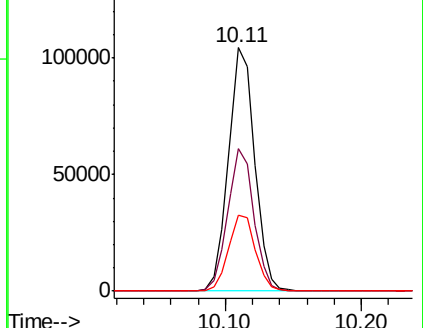
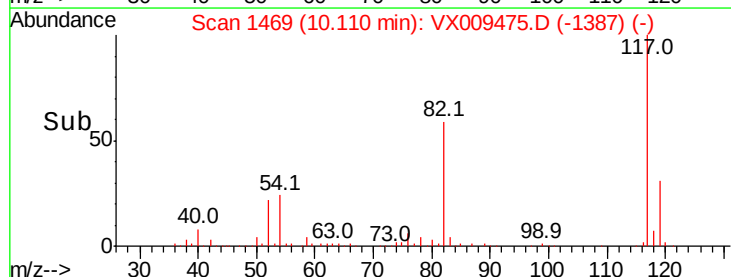
119 32.1 25.6 38.4

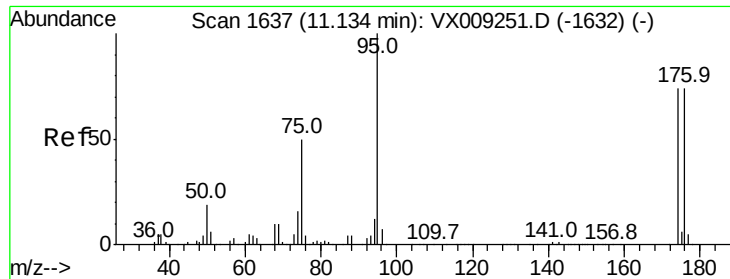


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

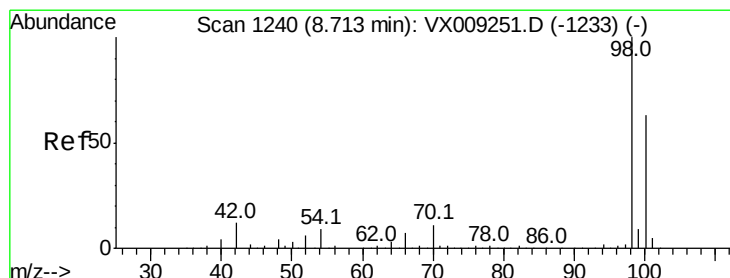
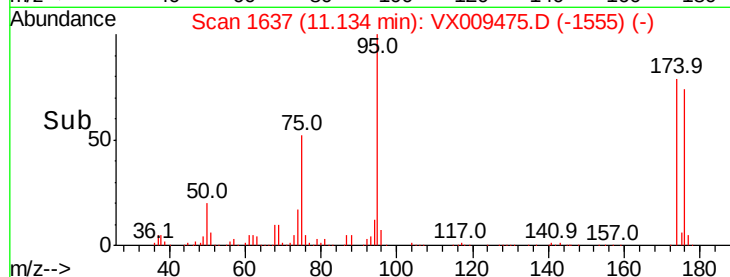
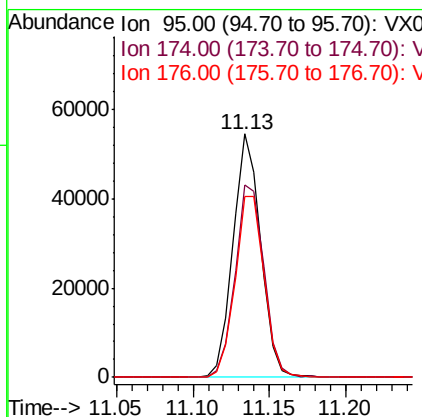
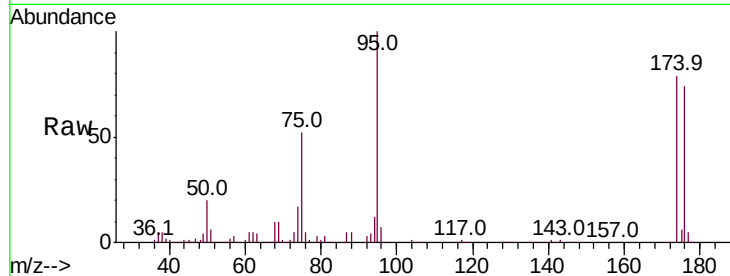




#60
4-Bromofluorobenzene
Concen: 28.435 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009475.D
Acq: 10 May 2019 12:04

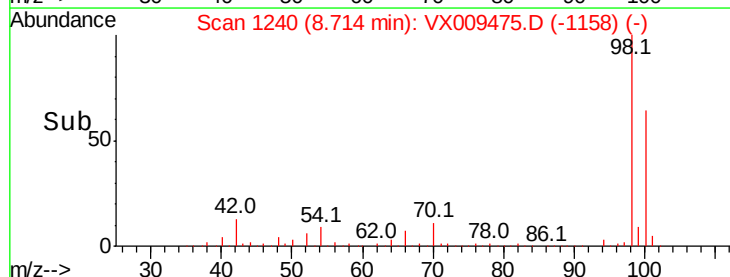
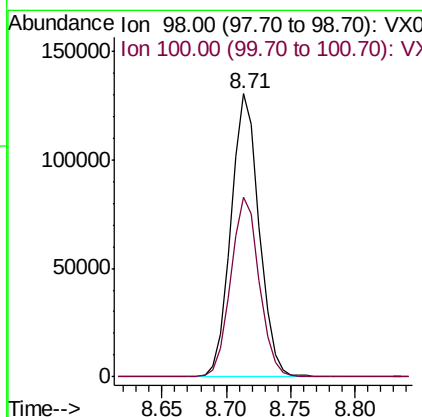
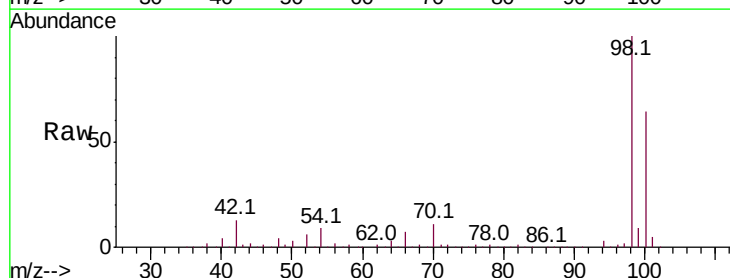
Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-01

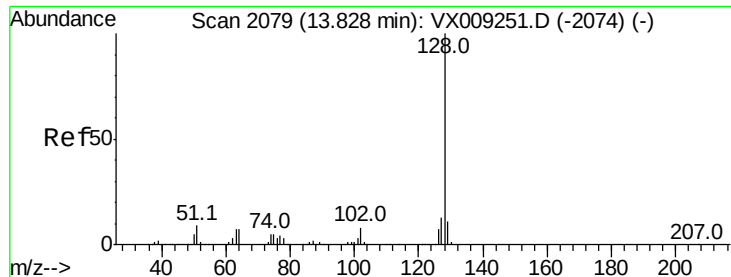
Tot Ion: 95 Resp: 68103
Ion Ratio Lower Upper
95 100
174 82.1 63.6 95.4
176 78.4 62.4 93.6



#63
Toluene-d8
Concen: 29.886 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009475.D
Acq: 10 May 2019 12:04

Tgt Ion: 98 Resp: 199706
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5

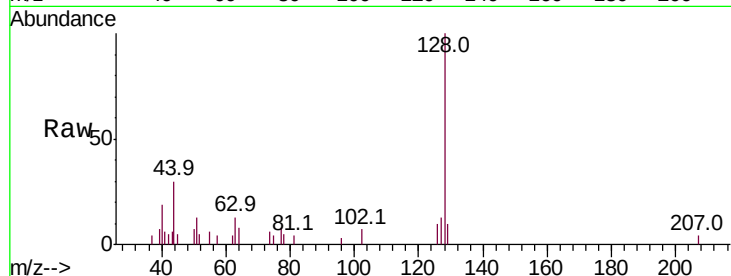




#91
Naphthalene
Concen: 0.243 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX009475.D
Acq: 10 May 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	8.2	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

