

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112020\
 Data File : VX019484.D
 Acq On : 19 Nov 2020 22:23
 Operator : JC/MD
 Sample : L4834-01 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DSN-001-SEWER-OUTLET-001

Quant Time: Nov 20 03:08:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X112020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 20 01:06:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	47265	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	254766	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	233566	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	105431	31.04	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery	=	103.47%	
60) 4-Bromofluorobenzene	11.12	95	103768	27.24	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery	=	90.80%	
63) Toluene-d8	8.70	98	308254	29.61	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery	=	98.70%	

Target Compounds

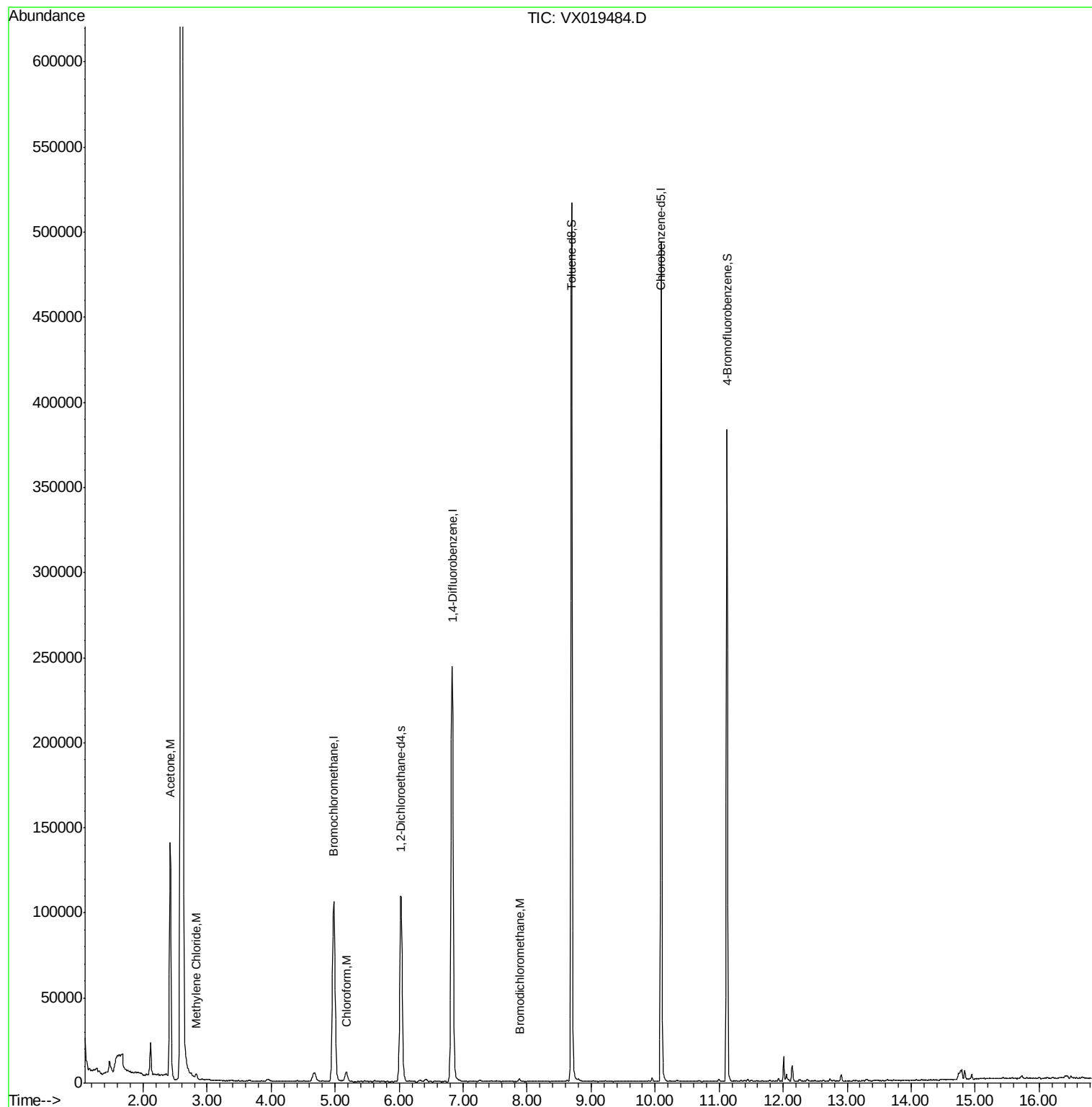
					Ovalue
15) Acetone	2.42	58	49875	112.235	ug/l 99
18) Methylene Chloride	2.83	84	1142	0.361	ug/l # 79
25) Chloroform	5.18	83	6965	1.290	ug/l 97
41) Bromodichloromethane	7.87	83	1052	0.256	ug/l 90

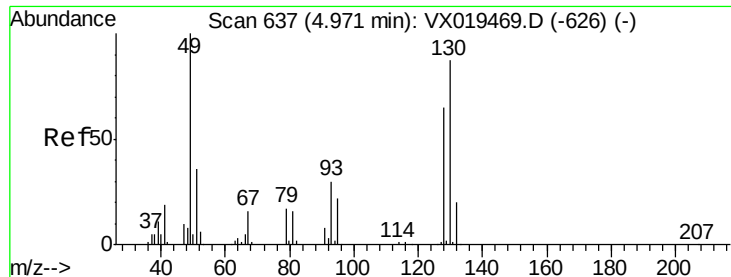
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112020\
Data File : VX019484.D
Acq On : 19 Nov 2020 22:23
Operator : JC/MD
Sample : L4834-01 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001

Quant Time: Nov 20 03:08:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X112020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 20 01:06:02 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. 0.01 min

Lab File: VX019484.D

Acq: 19 Nov 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

DSN-001-SEWER-OUTLET-001

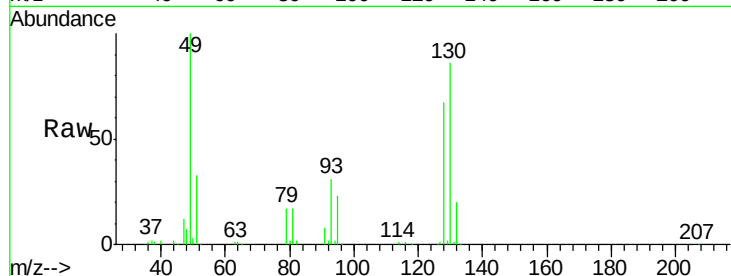
Tot Ion:128 Resp: 47265

Ion Ratio Lower Upper

128 100

49 151.1 0.0 377.8

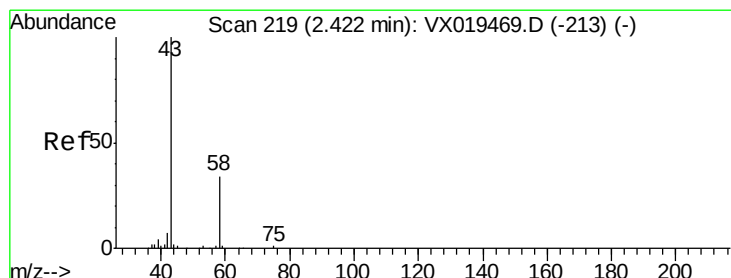
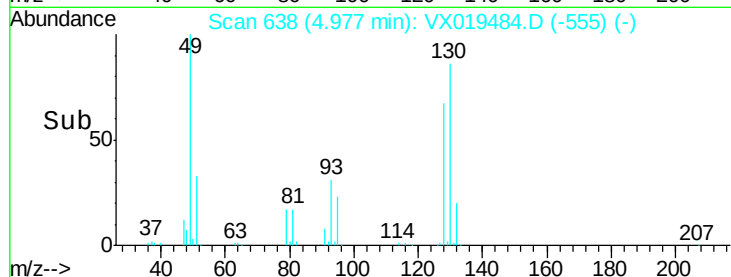
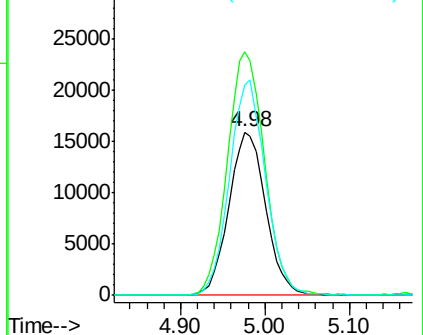
130 128.8 0.0 324.0



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: 112.235 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019484.D

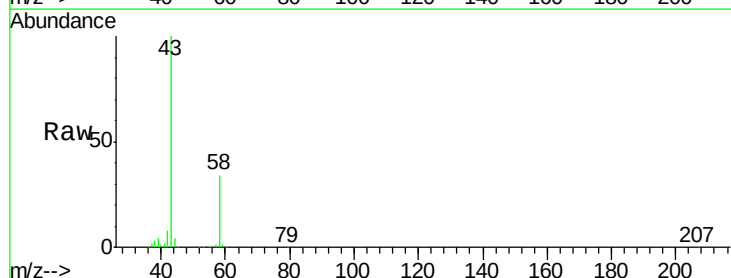
Acq: 19 Nov 2020 22:23

Tgt Ion: 58 Resp: 49875

Ion Ratio Lower Upper

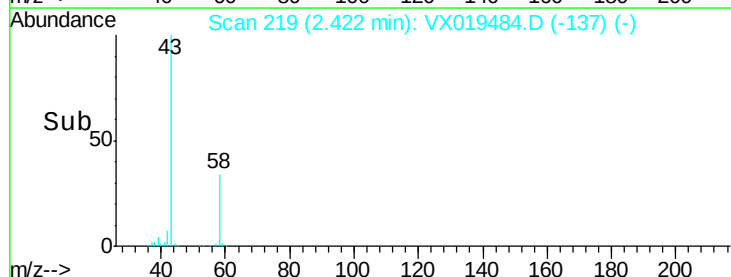
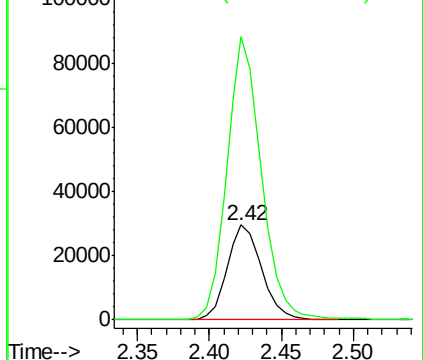
58 100

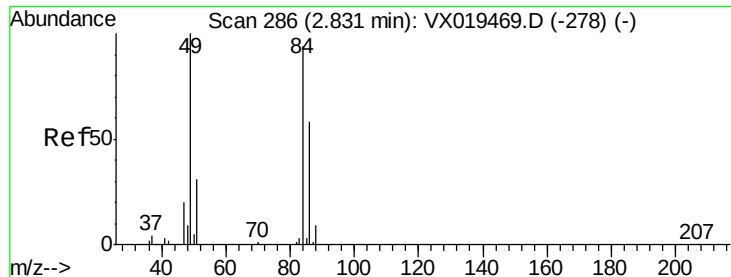
43 297.7 236.3 354.5



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

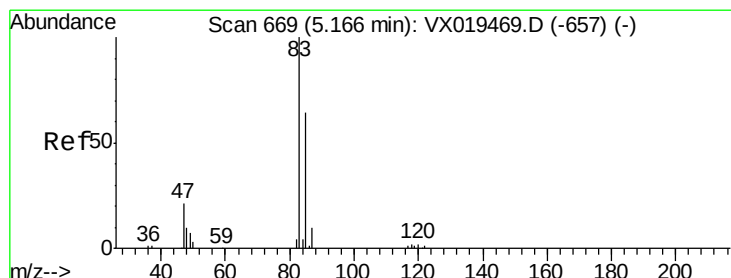
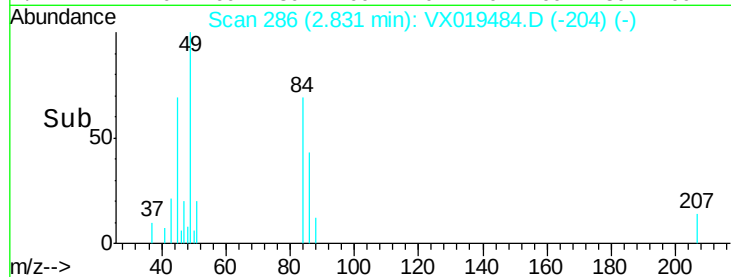
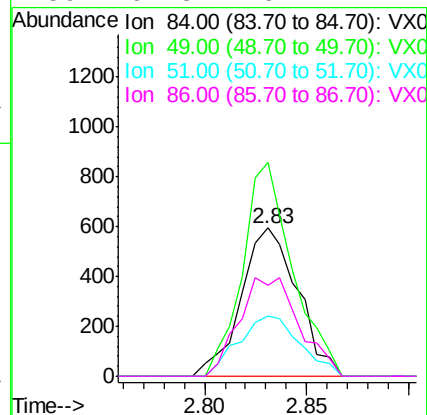
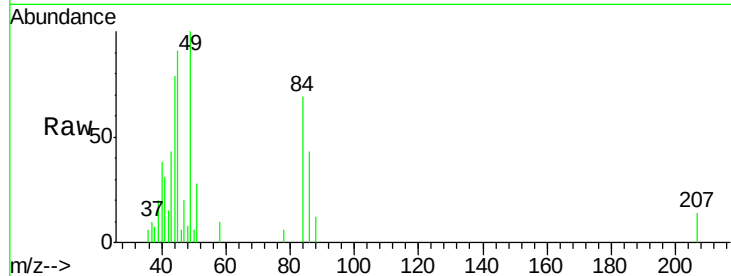




#18
Methvlene Chloride
Concen: 0.361 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019484.D
Acq: 19 Nov 2020 22:23

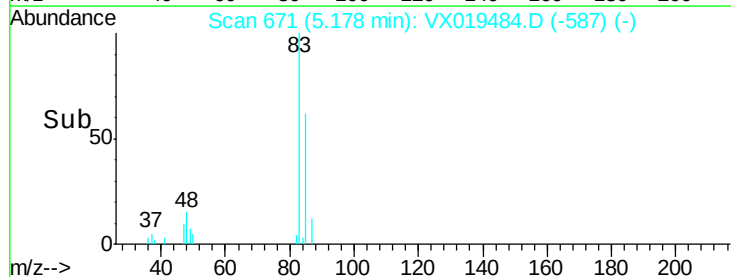
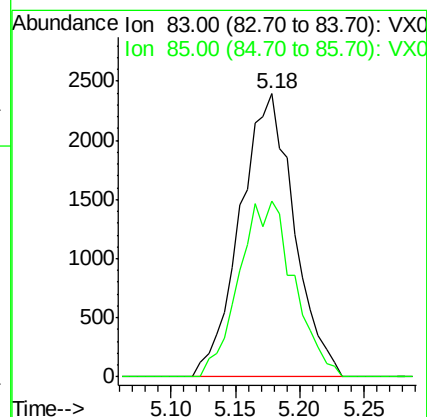
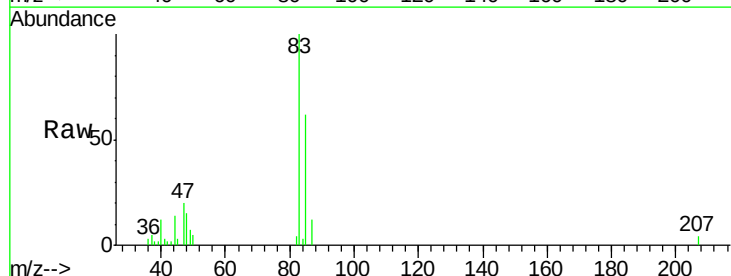
Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001

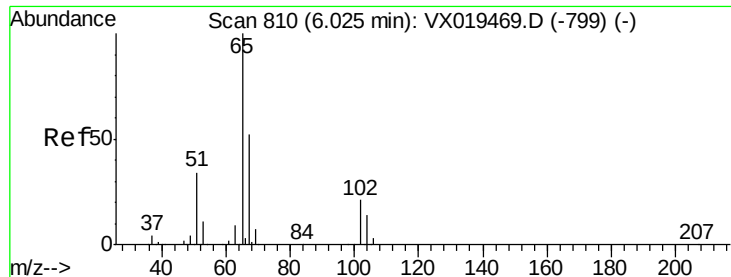
Tot Ion: 84 Resp: 1142
Ion Ratio Lower Upper
84 100
49 144.3 85.4 128.0#
51 40.2 26.7 40.1#
86 61.8 49.4 74.2



#25
Chloroform
Concen: 1.290 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX019484.D
Acq: 19 Nov 2020 22:23

Tgt Ion: 83 Resp: 6965
Ion Ratio Lower Upper
83 100
85 62.1 51.4 77.0





#27

1,2-Dichloroethane-d4

Concen: 31.036 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX019484.D

Acq: 19 Nov 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

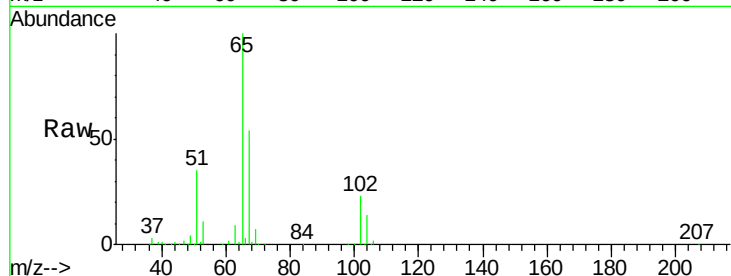
DSN-001-SEWER-OUTLET-001

Tot Ion: 65 Resp: 105431

Ion Ratio Lower Upper

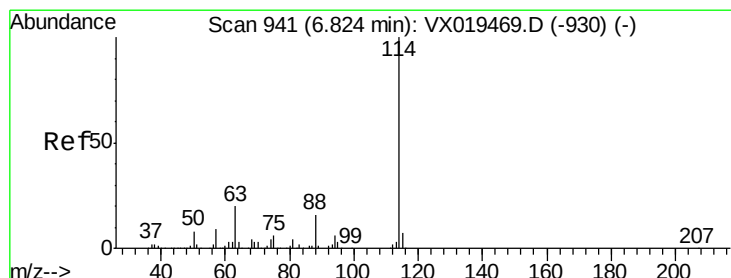
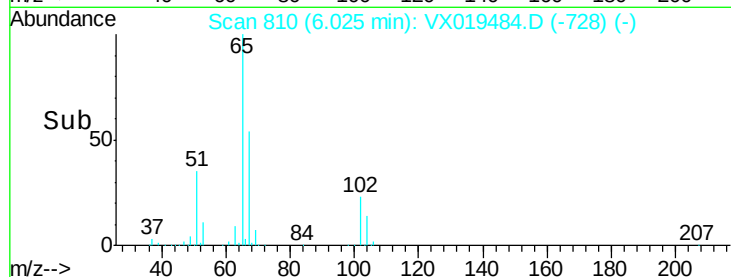
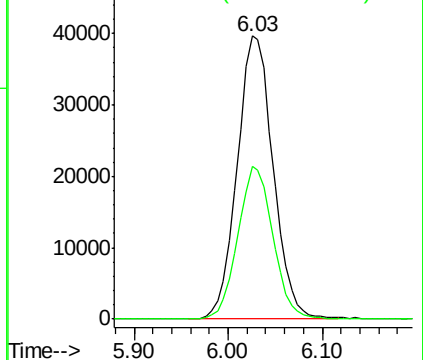
65 100

67 52.6 42.2 63.2



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: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019484.D

Acq: 19 Nov 2020 22:23

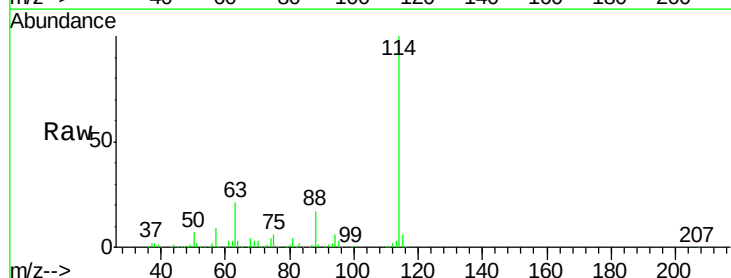
Tgt Ion: 114 Resp: 254766

Ion Ratio Lower Upper

114 100

63 20.6 16.2 24.2

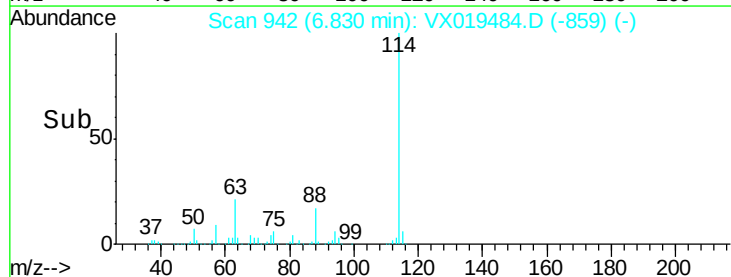
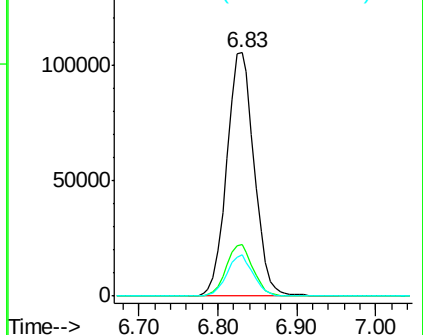
88 16.2 12.9 19.3

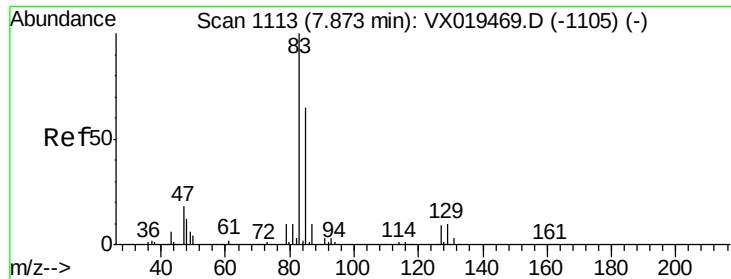


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#41

Bromodichloromethane

Concen: 0.256 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019484.D

Acq: 19 Nov 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

DSN-001-SEWER-OUTLET-001

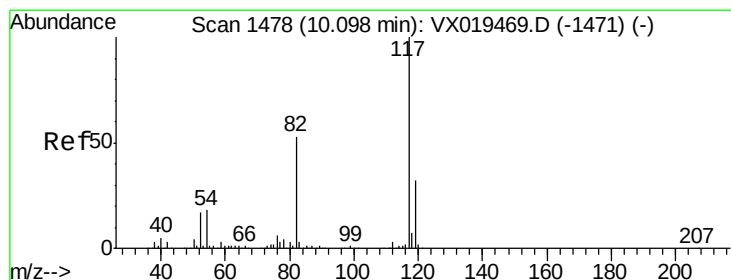
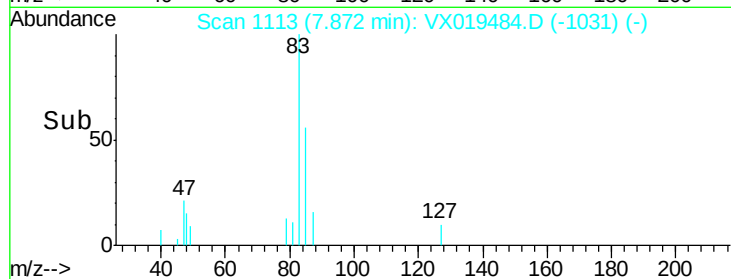
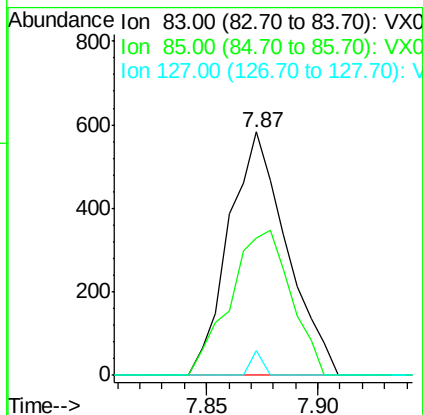
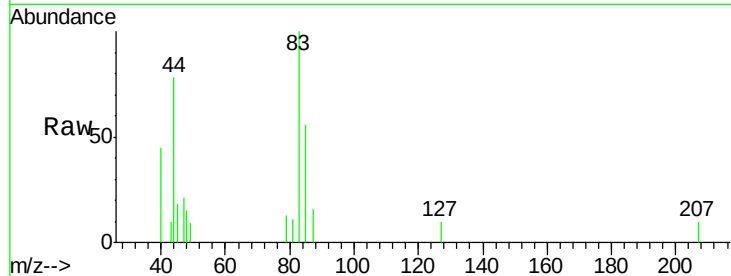
Tot Ion: 83 Resp: 1052

Ion Ratio Lower Upper

83 100

85 56.3 51.7 77.5

127 10.5 7.0 10.6



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019484.D

Acq: 19 Nov 2020 22:23

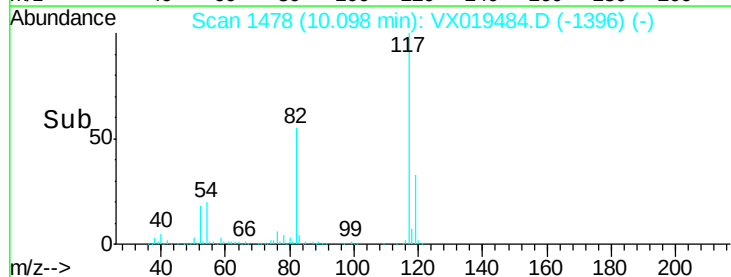
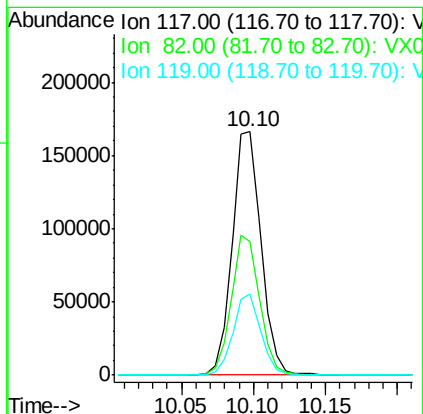
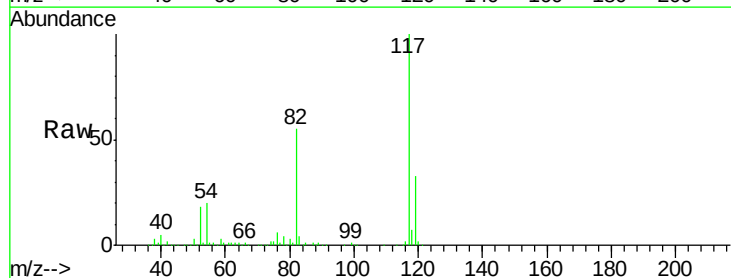
Tgt Ion: 117 Resp: 233566

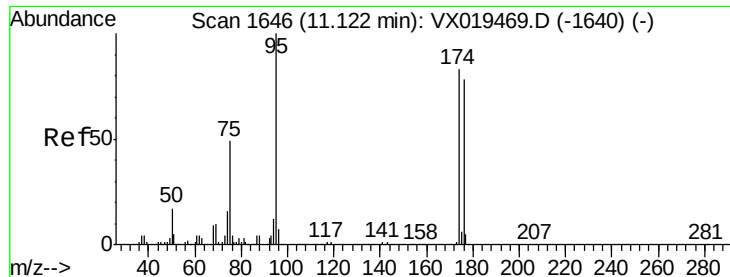
Ion Ratio Lower Upper

117 100

82 56.2 44.5 66.7

119 32.1 25.9 38.9





#60

4-Bromofluorobenzene

Concen: 27.242 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019484.D

Acq: 19 Nov 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

DSN-001-SEWER-OUTLET-001

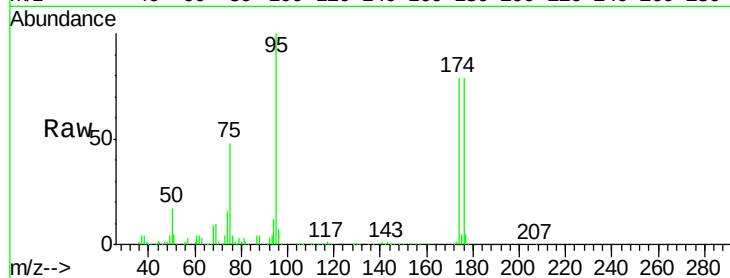
Tot Ion: 95 Resp: 103768

Ion Ratio Lower Upper

95 100

174 77.8 63.5 95.3

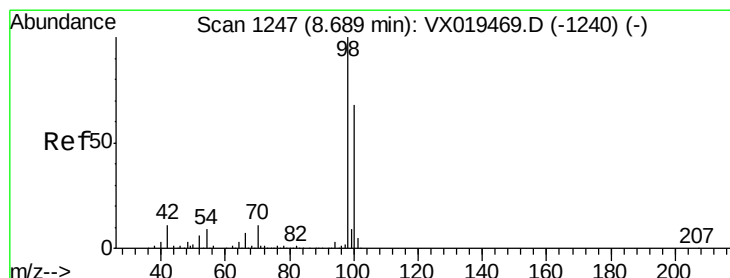
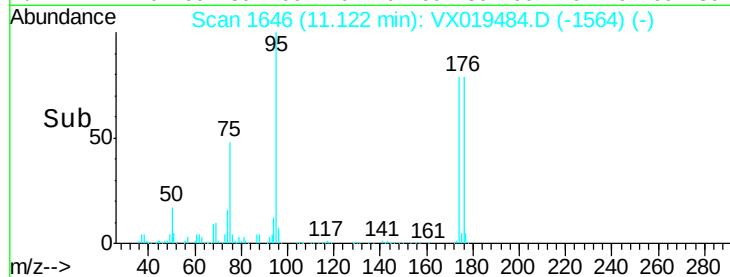
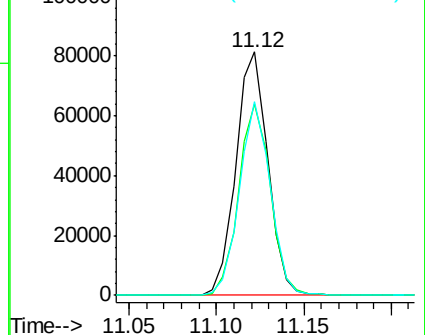
176 76.8 59.8 89.6



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: 29.608 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.01 min

Lab File: VX019484.D

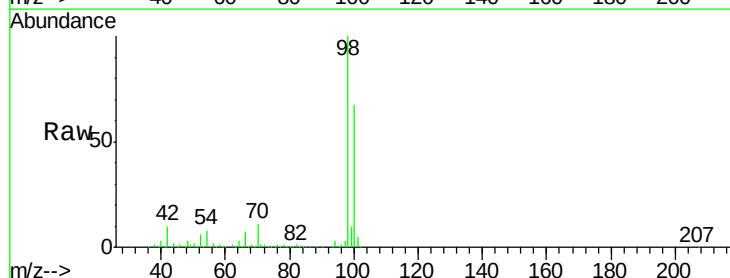
Acq: 19 Nov 2020 22:23

Tgt Ion: 98 Resp: 308254

Ion Ratio Lower Upper

98 100

100 65.8 53.6 80.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

