

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081019\
 Data File : VN057172.D
 Acq On : 10 Aug 2019 13:27
 Operator : JC/SP
 Sample : K4221-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DSN-002-SEWER-OUTLET-02

Quant Time: Aug 11 04:07:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N081019W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sun Aug 11 03:53:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.59	128	171752	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.01	114	938960	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.91	117	765905	30.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane-d4		7.44	65	338047	30.19	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.63%	
60) 4-Bromofluorobenzene		11.92	95	267593	23.46	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	78.20%	
63) Toluene-d8		9.56	98	1116511	31.58	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	105.27%	

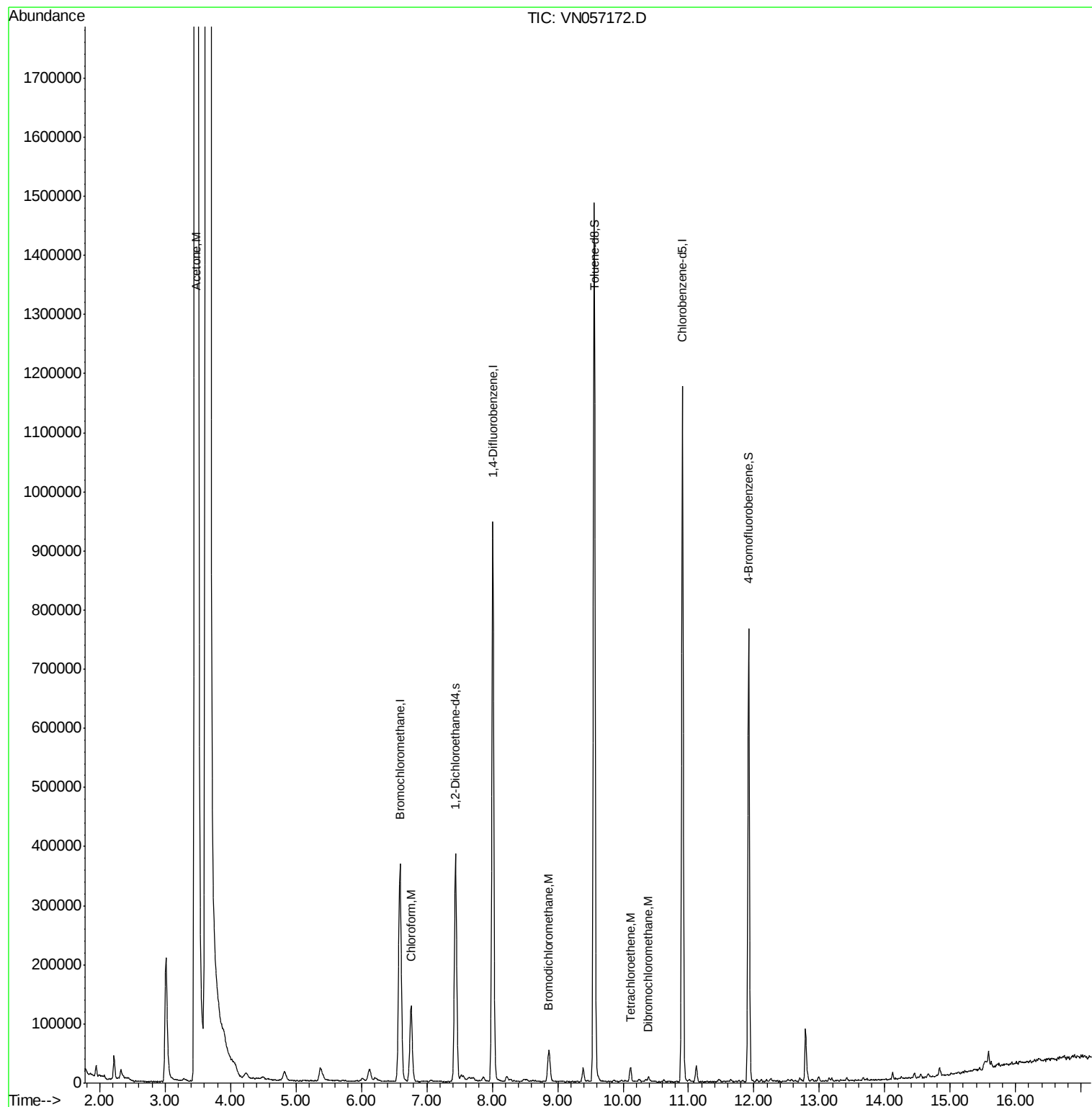
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.48	58	8133695	5727.755	ug/l	87
25) Chloroform	6.76	83	145116	7.655	ug/l	98
41) Bromodichloromethane	8.85	83	10298	0.724	ug/l	88
53) Dibromochloromethane	10.39	129	5164	0.448	ug/l	87
61) Tetrachloroethene	10.11	164	6676	0.568	ug/l	91

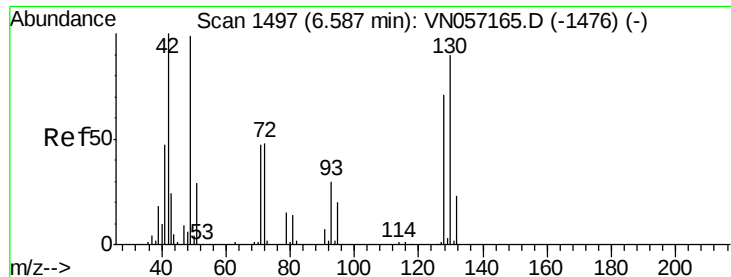
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081019\
Data File : VN057172.D
Acq On : 10 Aug 2019 13:27
Operator : JC/SP
Sample : K4221-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DSN-002-SEWER-OUTLET-02

Quant Time: Aug 11 04:07:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N081019W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sun Aug 11 03:53:25 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 6.59 min Scan# 1498

Delta R.T. 0.00 min

Lab File: VN057172.D

Acq: 10 Aug 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

DSN-002-SEWER-OUTLET-02

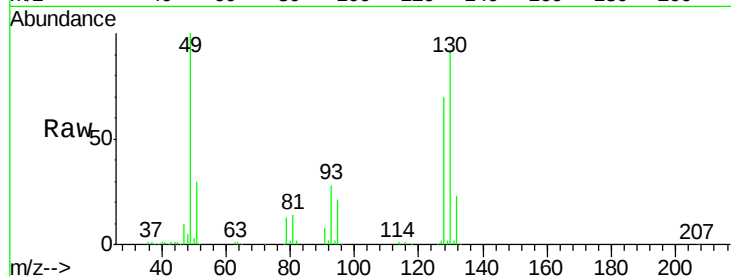
Tot Ion:128 Resp: 171752

Ion Ratio Lower Upper

128 100

49 141.0 0.0 361.0

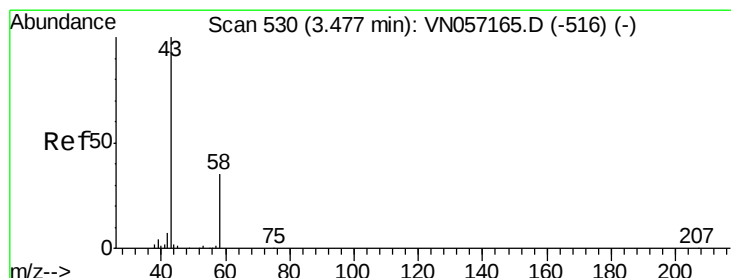
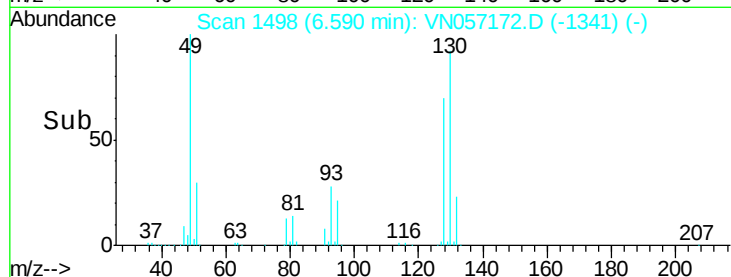
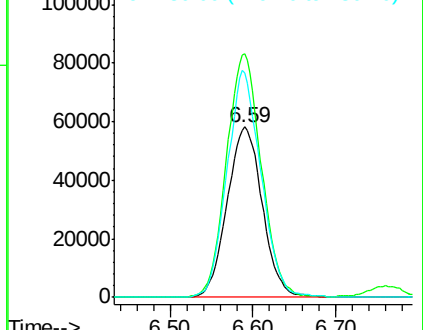
130 128.6 0.0 329.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VNO

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 5727.755 ug/l

RT: 3.48 min Scan# 530

Delta R.T. 0.00 min

Lab File: VN057172.D

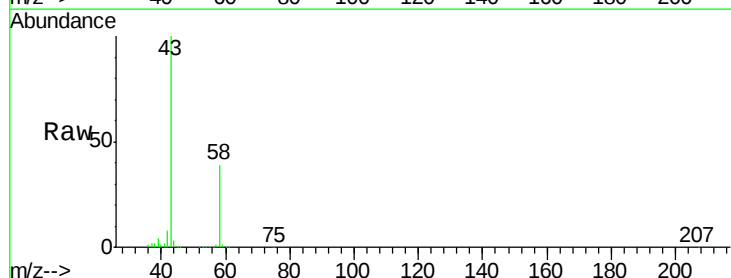
Acq: 10 Aug 2019 13:27

Tgt Ion: 58 Resp: 8133695

Ion Ratio Lower Upper

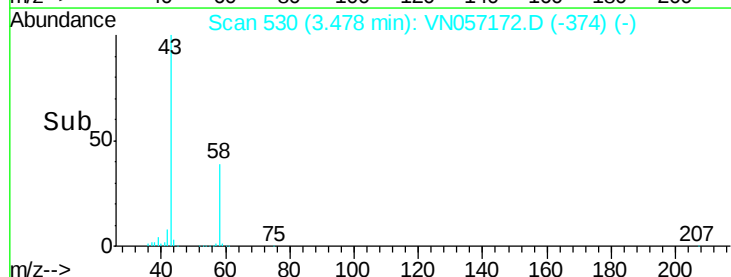
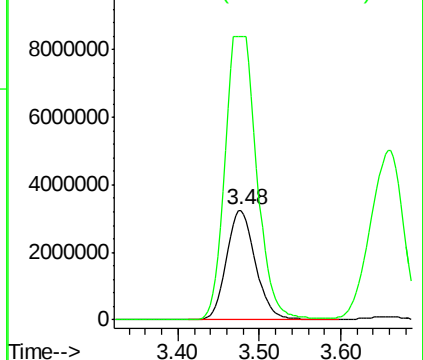
58 100

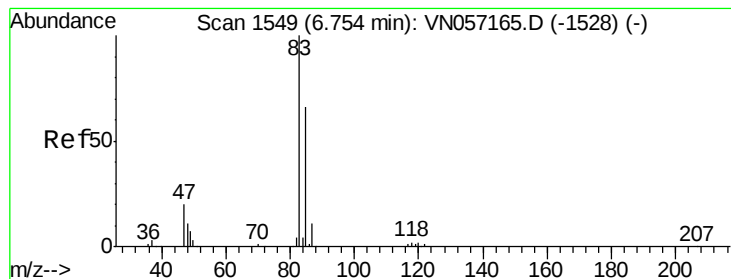
43 258.6 226.2 339.2



Abundance Ion 58.00 (57.70 to 58.70): VNO

Ion 43.00 (42.70 to 43.70): VNO





#25

Chloroform

Concen: 7.655 ug/l

RT: 6.76 min Scan# 1551

Delta R.T. 0.01 min

Lab File: VN057172.D

Acq: 10 Aug 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

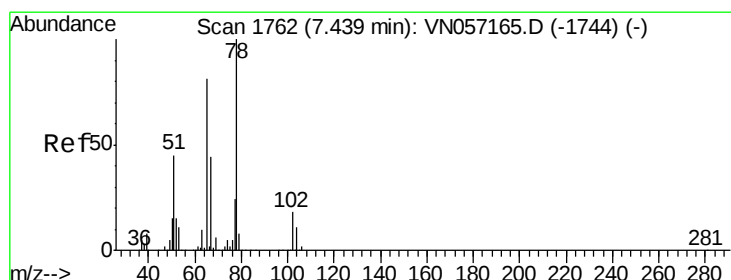
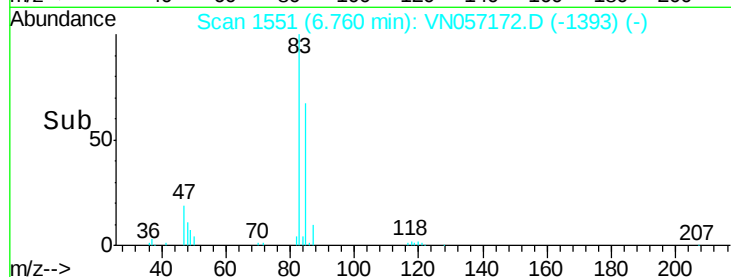
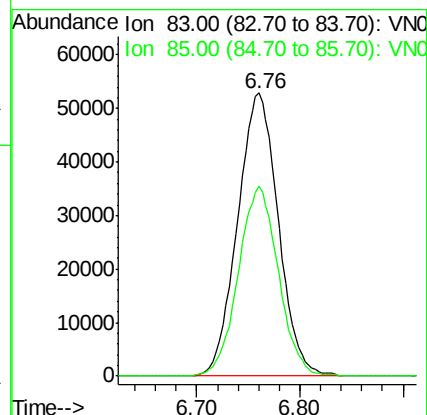
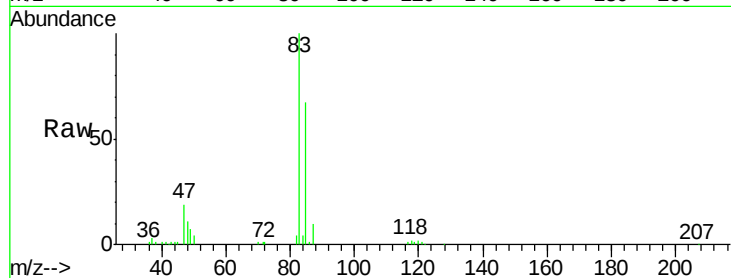
DSN-002-SEWER-OUTLET-02

Tot Ion: 83 Resp: 145116

Ion Ratio Lower Upper

83 100

85 67.3 52.5 78.7



#27

1,2-Dichloroethane-d4

Concen: 30.194 ug/l

RT: 7.44 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VN057172.D

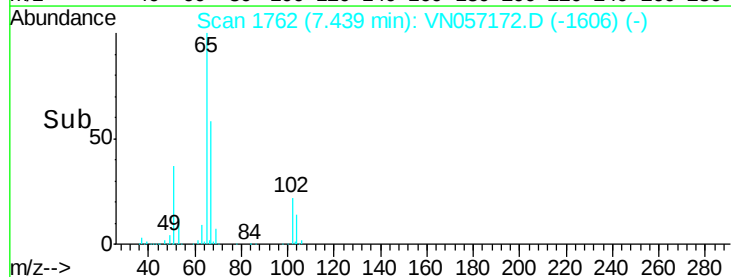
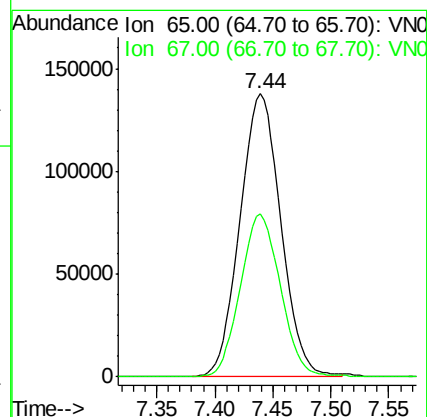
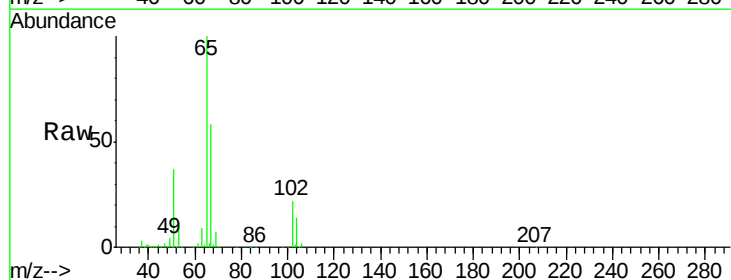
Acq: 10 Aug 2019 13:27

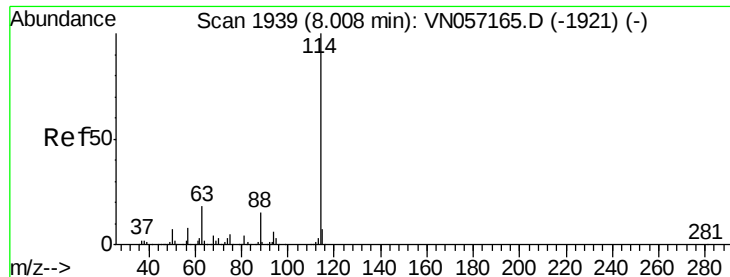
Tgt Ion: 65 Resp: 338047

Ion Ratio Lower Upper

65 100

67 56.3 42.4 63.6

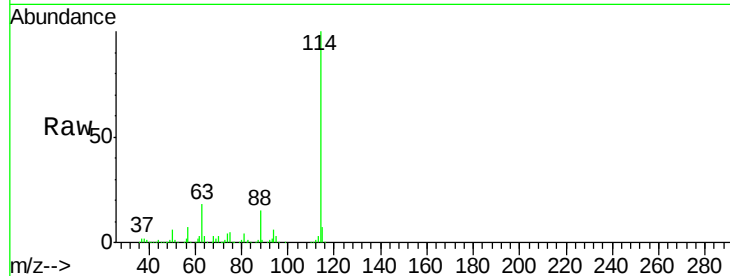




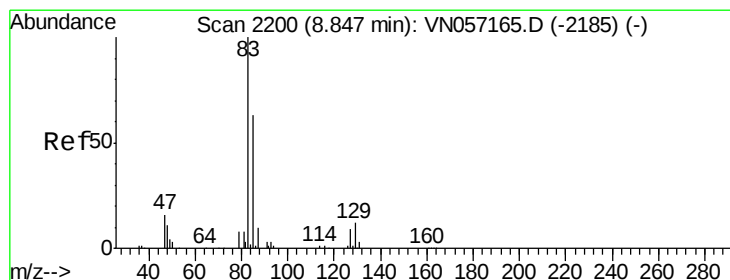
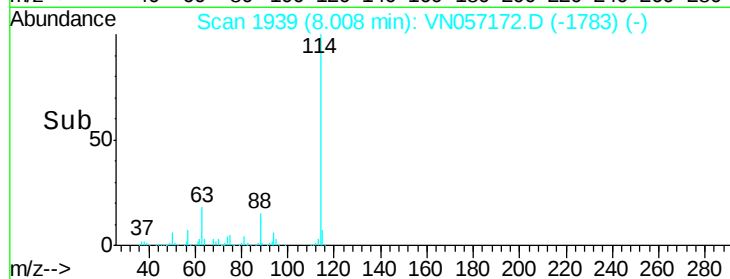
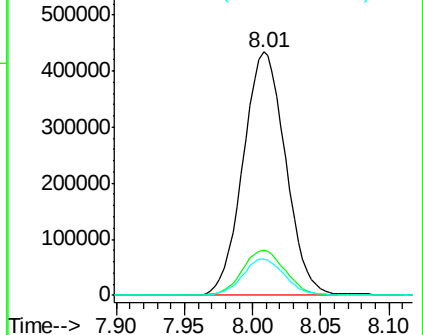
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN057172.D
 Acq: 10 Aug 2019 13:27

Instrument :
 MSVOA_N
 ClientSampleId :
 DSN-002-SEWER-OUTLET-02

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	14.6	21.8
88	15.0	12.2	18.2

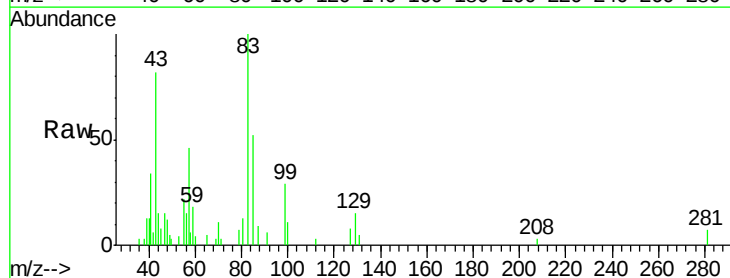


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VNO
 Ion 88.00 (87.70 to 88.70): VNO

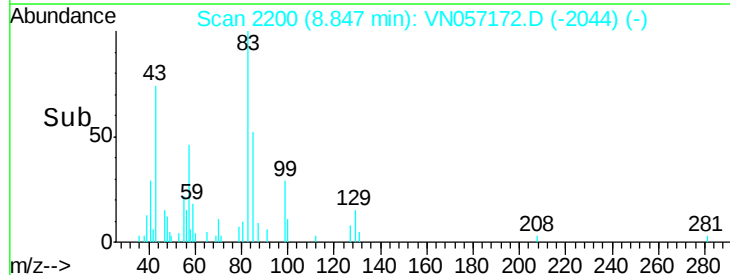
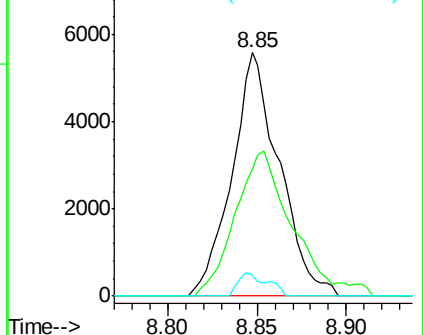


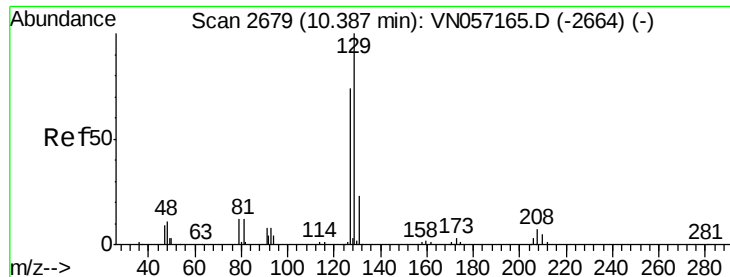
#41
 Bromodichloromethane
 Concen: 0.724 ug/l
 RT: 8.85 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: VN057172.D
 Acq: 10 Aug 2019 13:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	52.4	50.6	76.0
127	8.4	7.0	10.6



Abundance Ion 83.00 (82.70 to 83.70): VNO
 Ion 85.00 (84.70 to 85.70): VNO
 Ion 127.00 (126.70 to 127.70): VNO

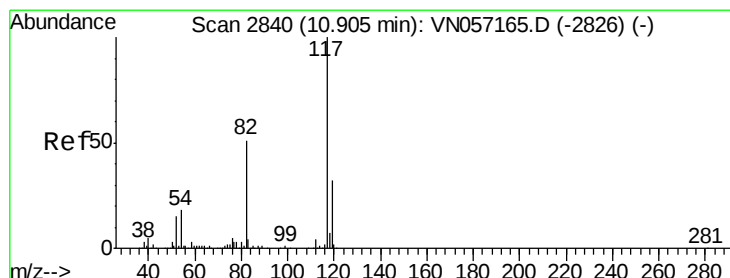
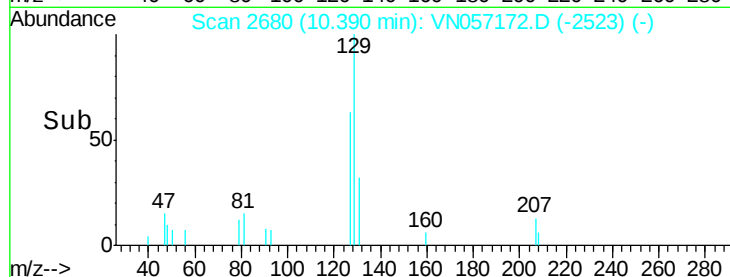
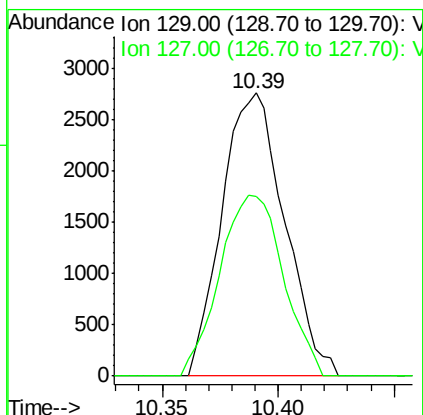
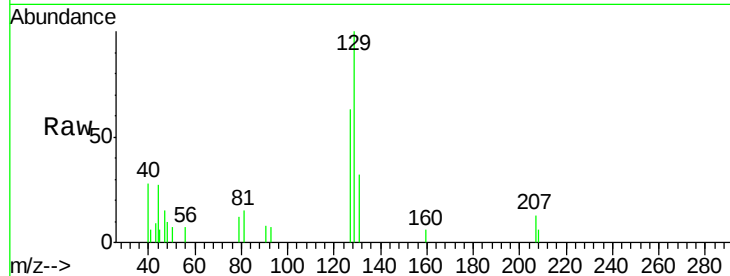




#53
Dibromochloromethane
Concen: 0.448 ug/l
RT: 10.39 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VN057172.D
Acq: 10 Aug 2019 13:27

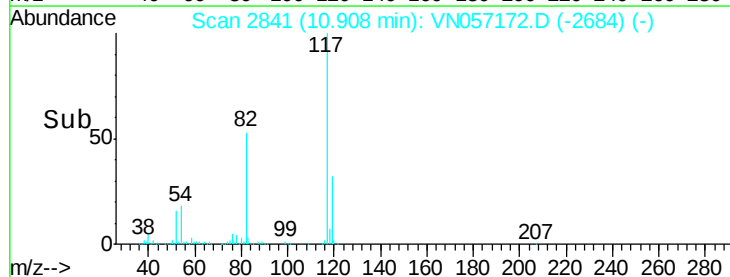
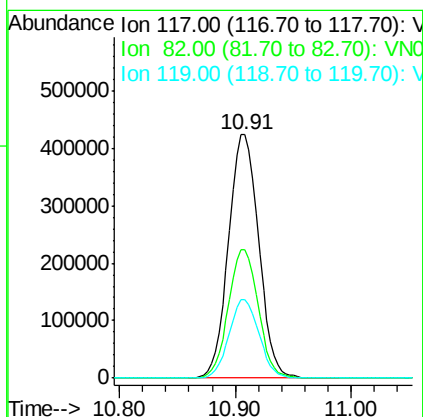
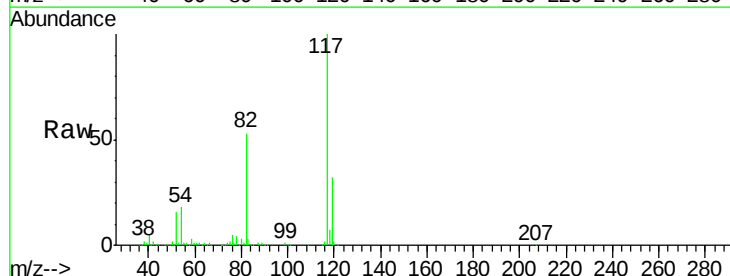
Instrument :
MSVOA_N
ClientSampleId :
DSN-002-SEWER-OUTLET-02

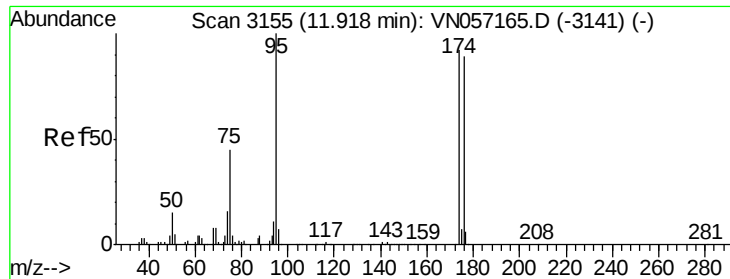
Tot Ion:129 Resp: 5164
Ion Ratio Lower Upper
129 100
127 64.9 38.2 114.6



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057172.D
Acq: 10 Aug 2019 13:27

Tgt Ion:117 Resp: 765905
Ion Ratio Lower Upper
117 100
82 52.1 41.5 62.3
119 31.9 26.1 39.1





#60

4-Bromofluorobenzene

Concen: 23.464 ug/l

RT: 11.92 min Scan# 3155

Delta R.T. 0.00 min

Lab File: VN057172.D

Acq: 10 Aug 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

DSN-002-SEWER-OUTLET-02

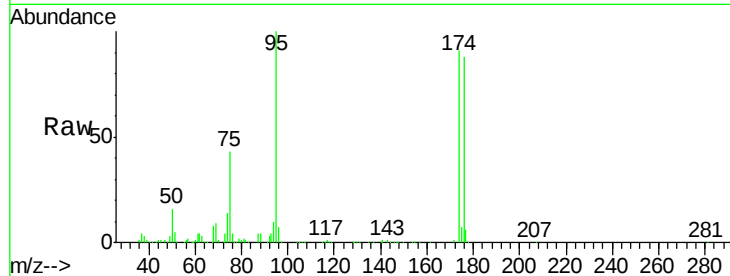
Tot Ion: 95 Resp: 267593

Ion Ratio Lower Upper

95 100

174 94.2 74.9 112.3

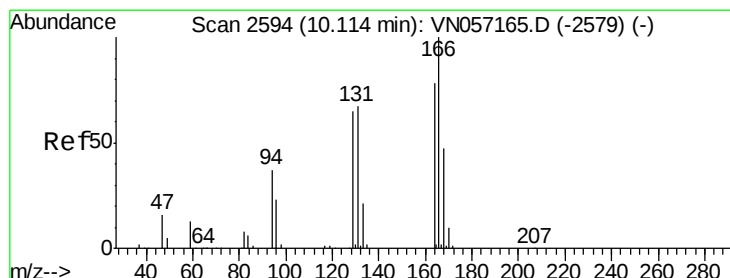
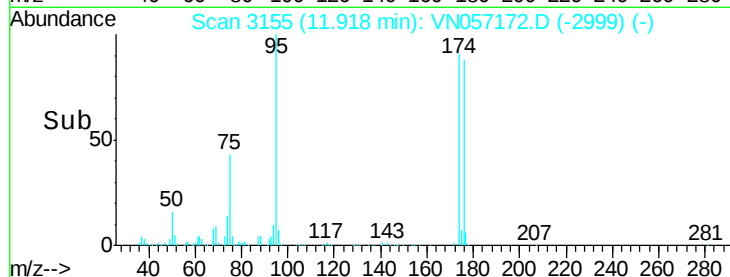
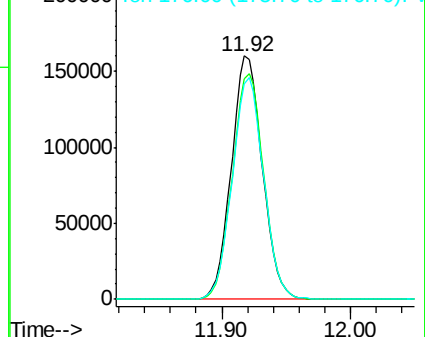
176 91.8 72.1 108.1



Abundance Ion 95.00 (94.70 to 95.70): VN057165.D (-3141) (-)

Ion 174.00 (173.70 to 174.70): VN057165.D (-3141) (-)

Ion 176.00 (175.70 to 176.70): VN057165.D (-3141) (-)



#61

Tetrachloroethene

Concen: 0.568 ug/l

RT: 10.11 min Scan# 2593

Delta R.T. -0.00 min

Lab File: VN057172.D

Acq: 10 Aug 2019 13:27

Tgt Ion: 164 Resp: 6676

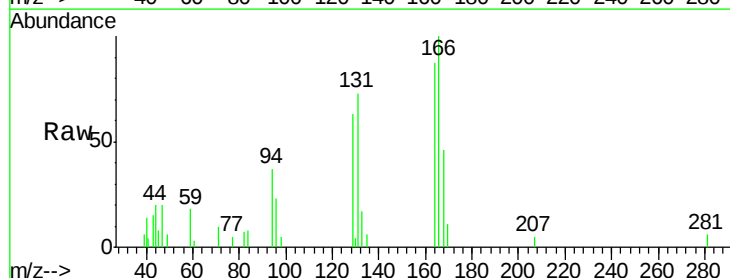
Ion Ratio Lower Upper

164 100

166 114.8 103.0 154.6

129 72.9 67.3 100.9

131 84.2 68.5 102.7

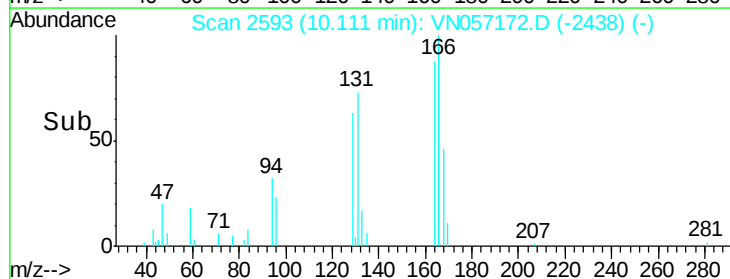
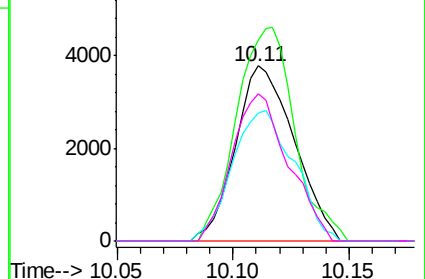


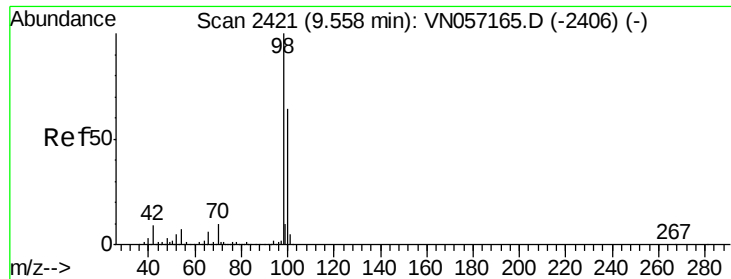
Abundance Ion 163.85 (163.55 to 164.55): VN057165.D (-2579) (-)

Ion 165.80 (165.50 to 166.50): VN057165.D (-2579) (-)

Ion 128.90 (128.60 to 129.60): VN057165.D (-2579) (-)

Ion 130.90 (130.60 to 131.60): VN057165.D (-2579) (-)





#63

Toluene-d8

Concen: 31.579 ug/l

RT: 9.56 min Scan# 2421

Delta R.T. 0.00 min

Lab File: VN057172.D

Acq: 10 Aug 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

DSN-002-SEWER-OUTLET-02

Tot Ion: 98 Resp: 1116511

Ion Ratio Lower Upper

98 100

100 64.7 52.4 78.6

