

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052885.D
 Acq On : 14 Dec 2018 13:30
 Operator : MD\SY
 Sample : J6401-02 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 002-1212A-SEWER-OUTFALL-002

Quant Time: Dec 17 15:16:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	167745	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	987537	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	835413	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	331556	29.01	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.70%
60) 4-Bromofluorobenzene	12.40	95	372021	29.13	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.10%
63) Toluene-d8	10.09	98	1128612	29.14	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.13%

Target Compounds

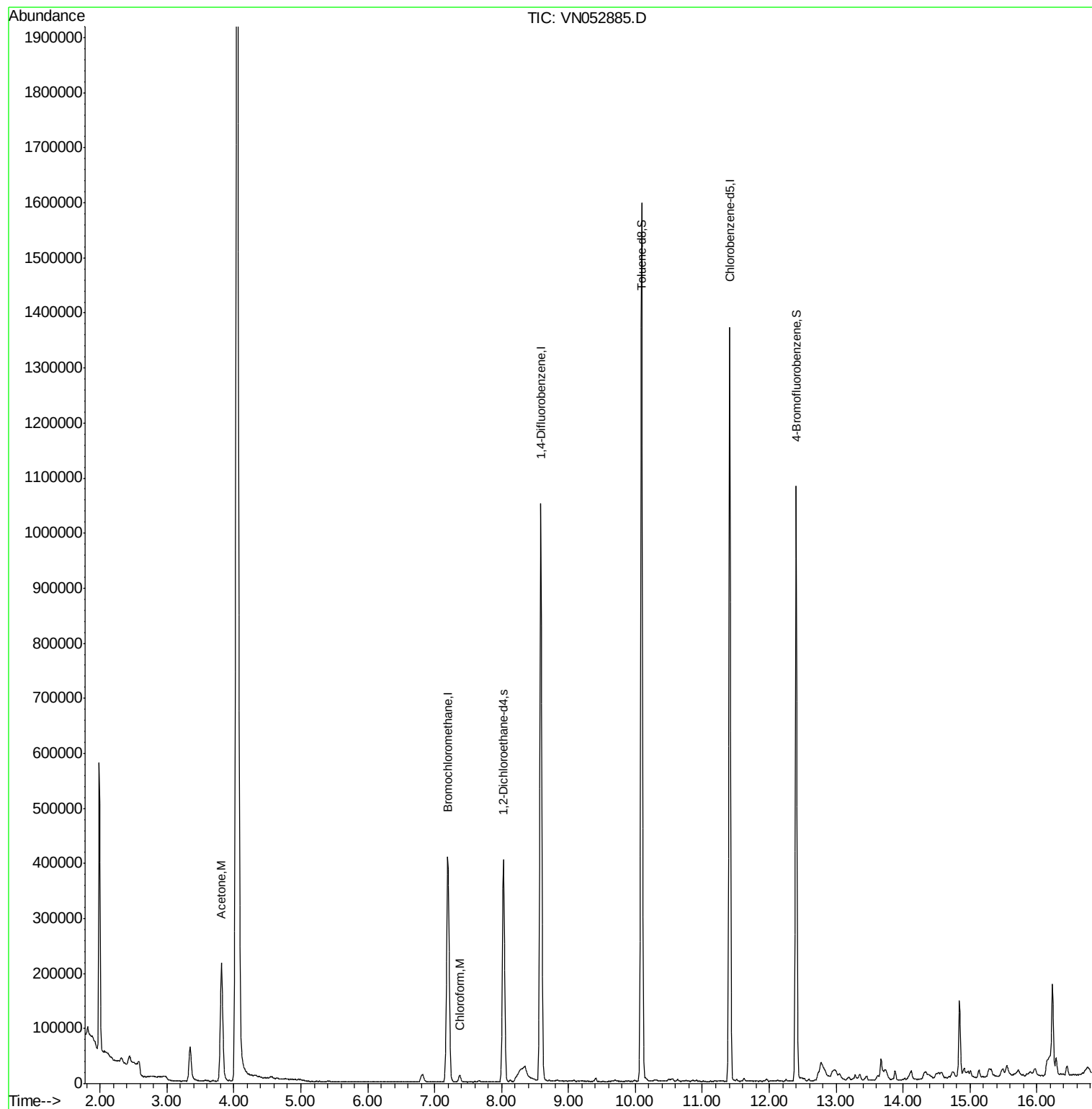
					Ovalue
15) Acetone	3.81	58	120172	136.257	ug/l 99
25) Chloroform	7.37	83	13275	0.700	ug/l 98

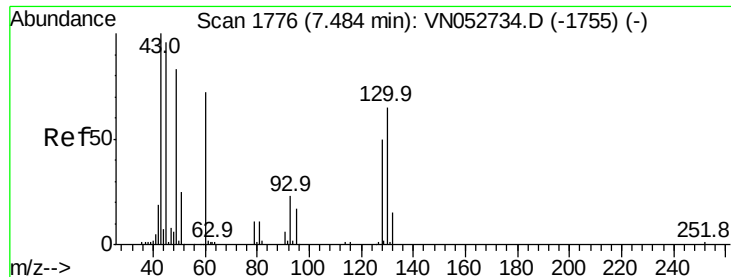
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN052885.D

Acq: 14 Dec 2018 13:30

Instrument :

MSVOA_N

ClientSampleId :

002-1212A-SEWER-OUTFALL-002

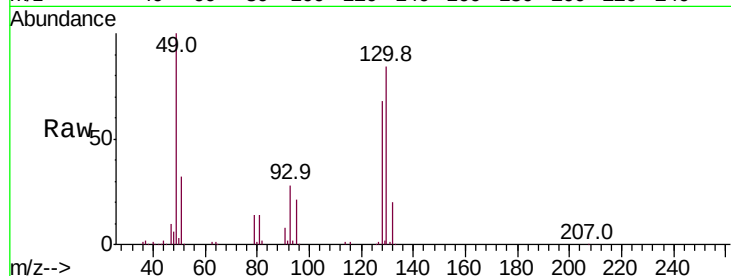
Tot Ion:128 Resp: 167745

Ion Ratio Lower Upper

128 100

49 155.8 0.0 431.8

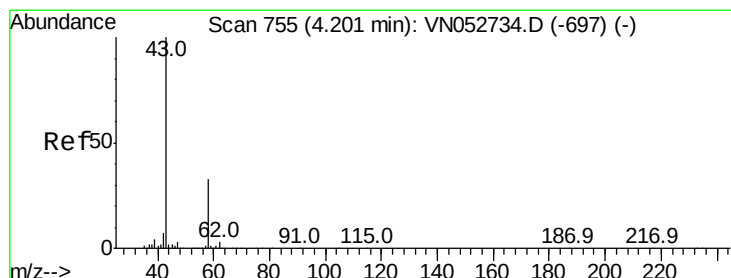
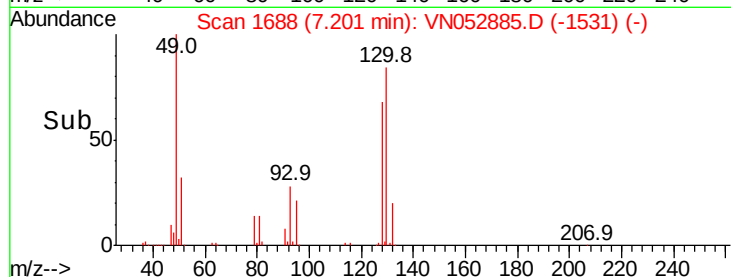
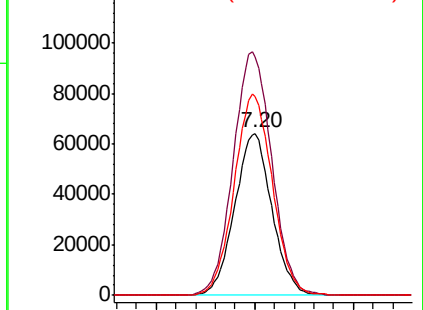
130 128.1 0.0 317.0



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: 136.257 ug/l

RT: 3.81 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN052885.D

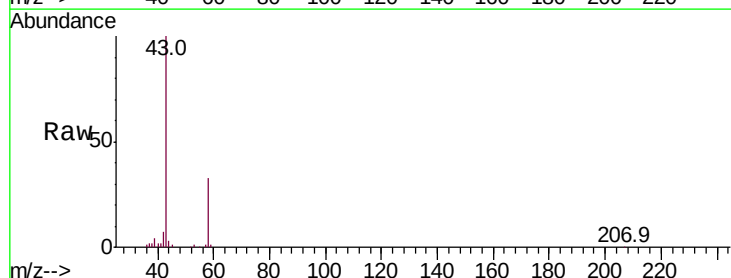
Acq: 14 Dec 2018 13:30

Tgt Ion: 58 Resp: 120172

Ion Ratio Lower Upper

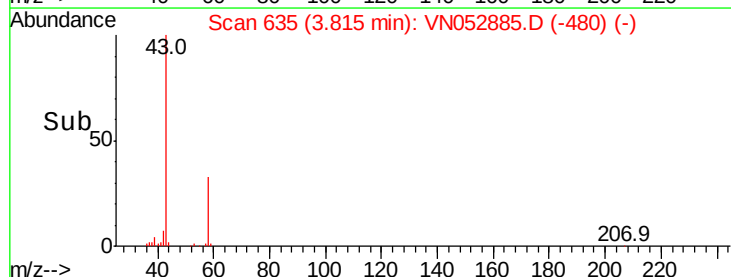
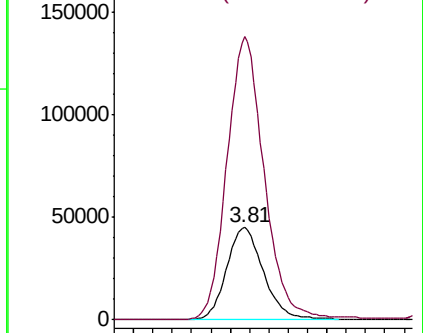
58 100

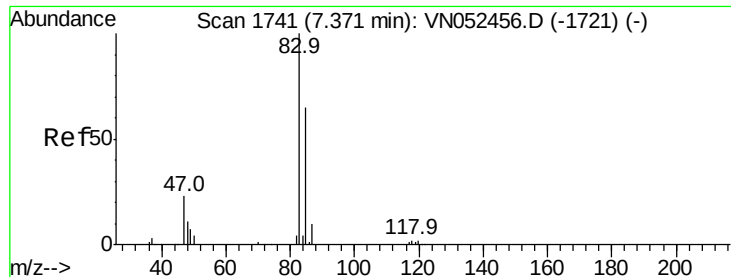
43 306.5 243.6 365.4



Abundance Ion 58.00 (57.70 to 58.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

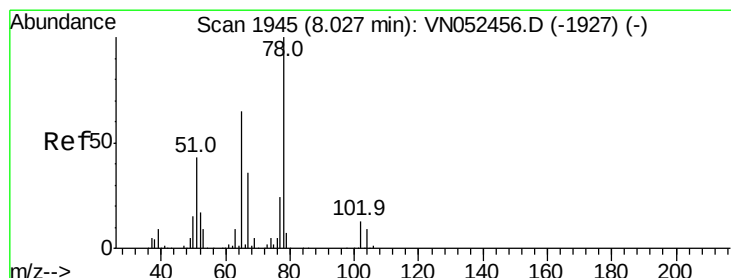
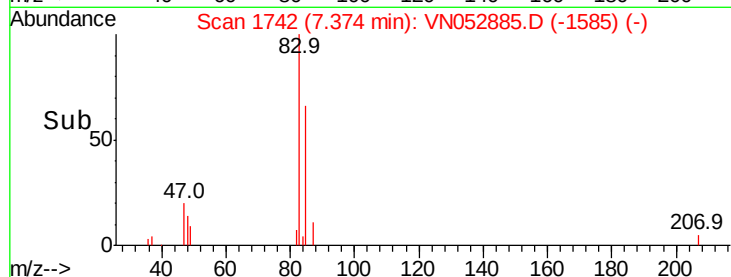
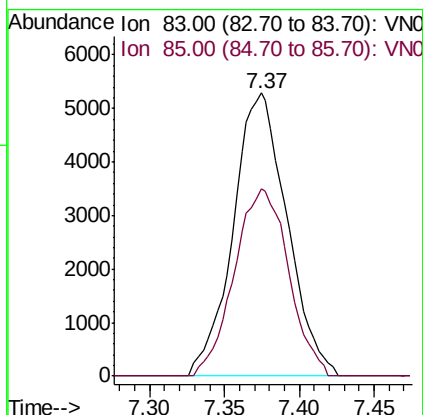
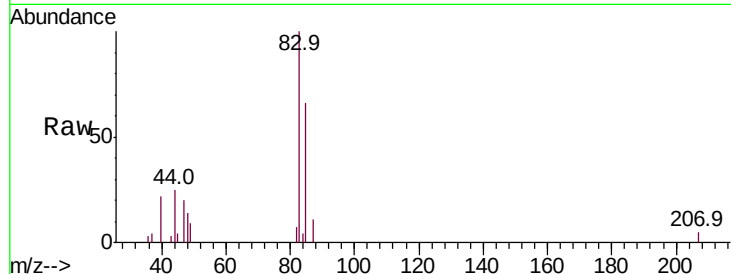




#25
Chloroform
Concen: 0.700 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052885.D
Acq: 14 Dec 2018 13:30

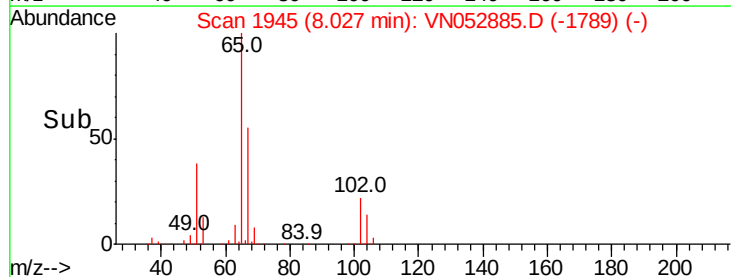
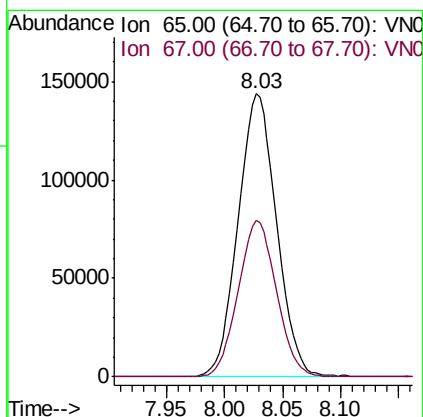
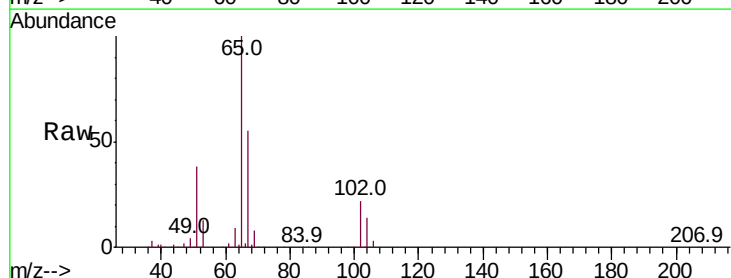
Instrument :
MSVOA_N
ClientSampleId :
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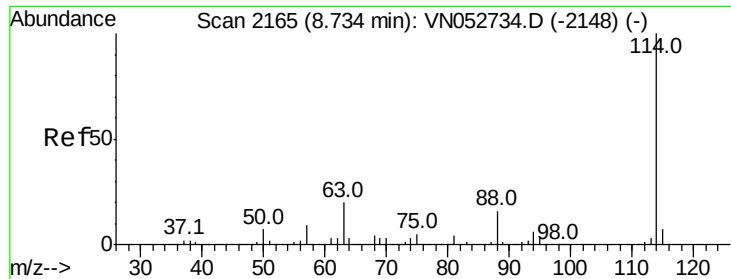
Tot Ion: 83 Resp: 13275
Ion Ratio Lower Upper
83 100
85 66.1 51.7 77.5



#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052885.D
Acq: 14 Dec 2018 13:30

Tgt Ion: 65 Resp: 331556
Ion Ratio Lower Upper
65 100
67 55.3 44.6 66.8

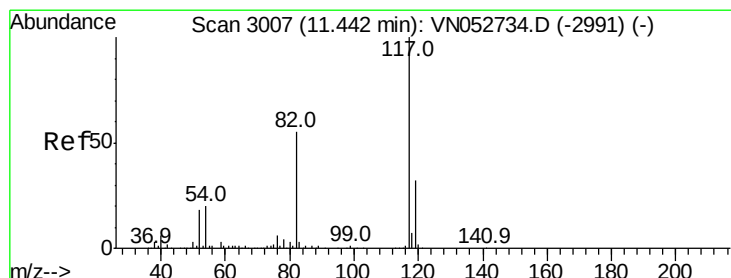
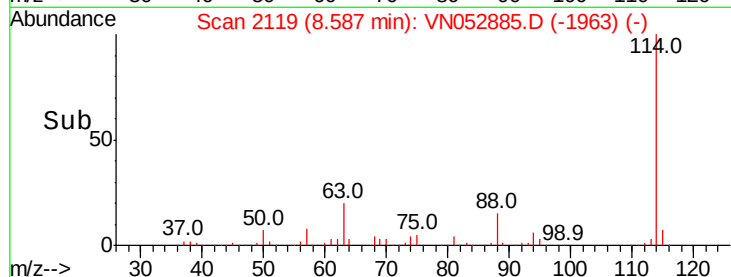
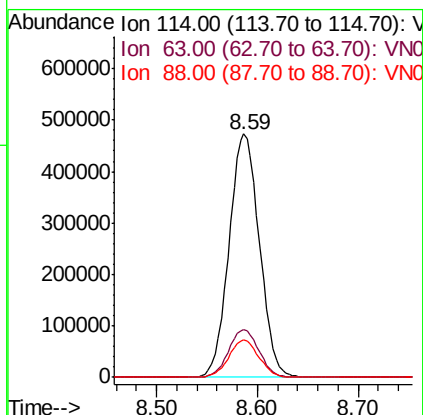
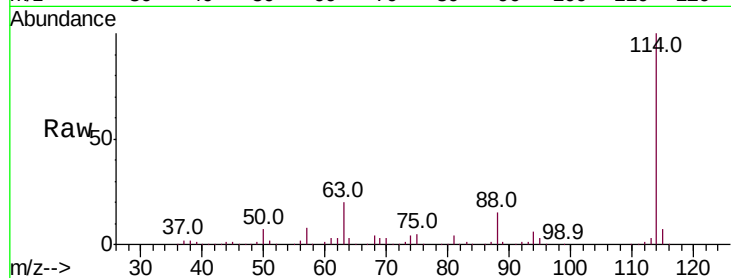




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052885.D
 Acq: 14 Dec 2018 13:30

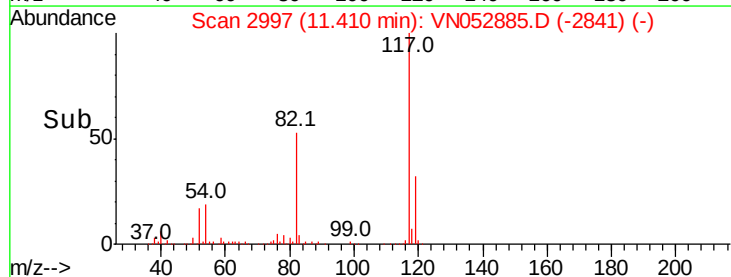
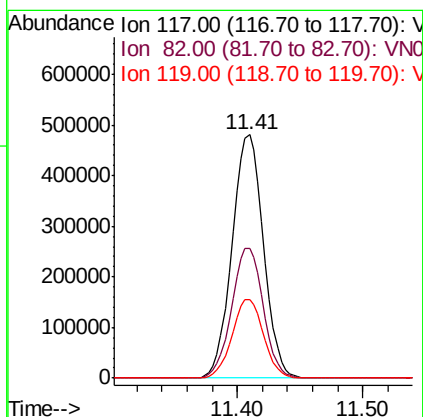
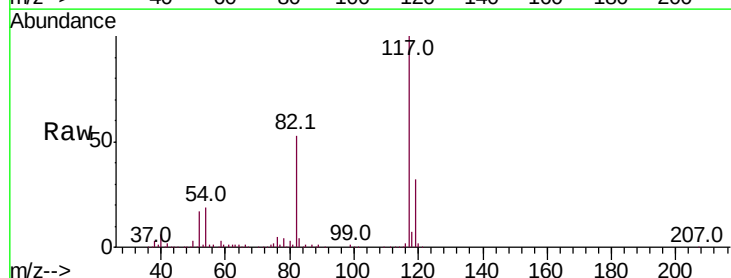
Instrument :
 MSVOA_N
 ClientSampleId :
 002-1212A-SEWER-OUTFALL-002

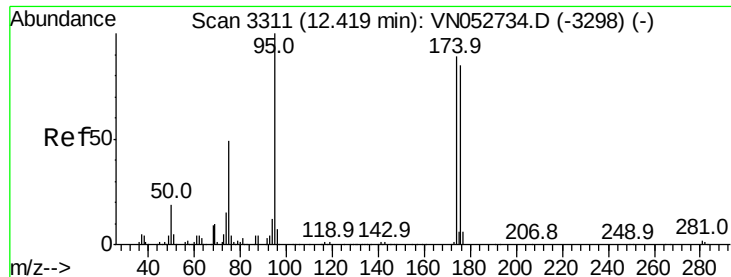
Tot Ion:114 Resp: 987537
 Ion Ratio Lower Upper
 114 100
 63 19.6 16.9 25.3
 88 15.3 12.8 19.2



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2997
 Delta R.T. 0.00 min
 Lab File: VN052885.D
 Acq: 14 Dec 2018 13:30

Tgt Ion:117 Resp: 835413
 Ion Ratio Lower Upper
 117 100
 82 53.5 44.2 66.2
 119 32.4 25.4 38.2

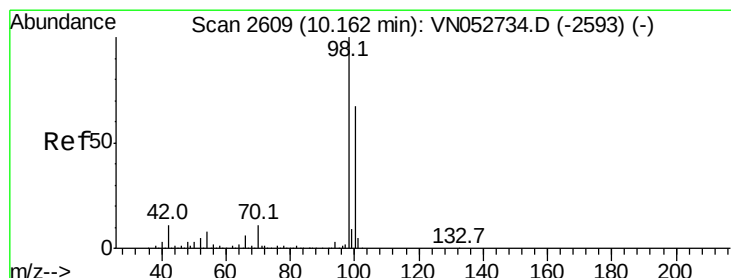
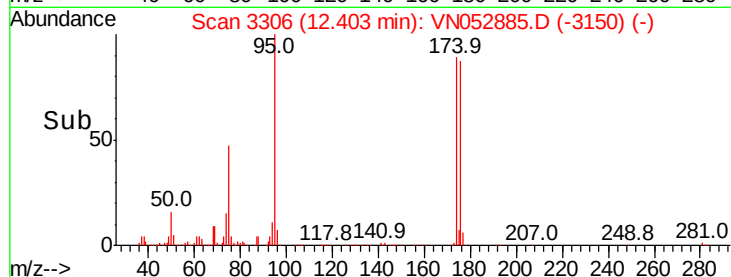
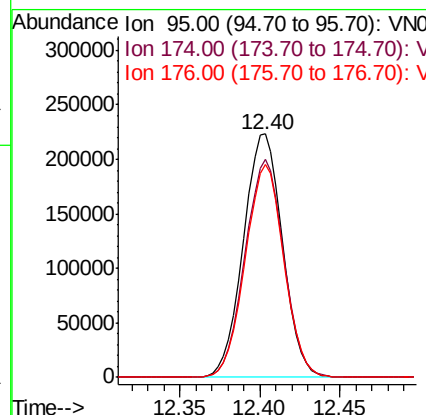
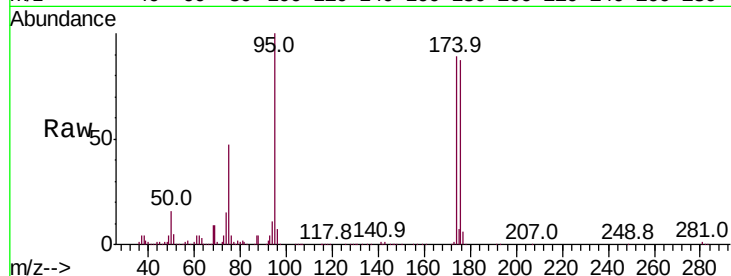




#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052885.D
Acq: 14 Dec 2018 13:30

Instrument :
MSVOA_N
ClientSampleId :
002-1212A-SEWER-OUTFALL-002

Tot Ion: 95 Resp: 372021
Ion Ratio Lower Upper
95 100
174 89.0 67.9 101.9
176 86.5 66.4 99.6



#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052885.D
Acq: 14 Dec 2018 13:30

Tgt Ion: 98 Resp: 1128612
Ion Ratio Lower Upper
98 100
100 64.1 51.1 76.7

