

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061419\
 Data File : VN056316.D
 Acq On : 14 Jun 2019 16:51
 Operator : JC/SP
 Sample : K3410-02 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WASTE-WATER

Quant Time: Jun 14 23:49:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	58730	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	319729	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	250857	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	123155	33.77	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	112.57%
60) 4-Bromofluorobenzene	12.40	95	86871	23.36	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	77.87%
63) Toluene-d8	10.09	98	372071	32.70	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	109.00%

Target Compounds

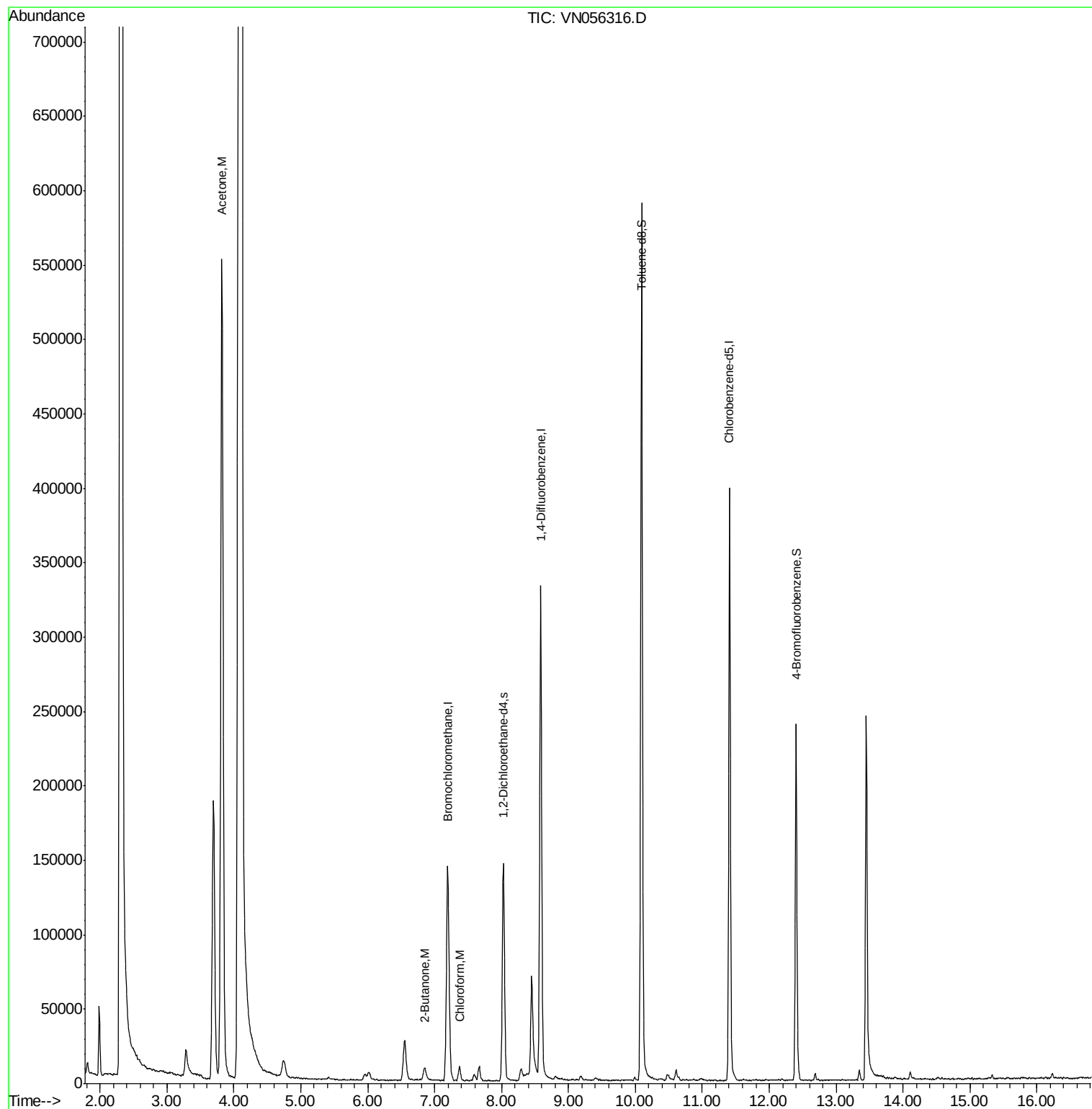
					Ovalue	
15) Acetone	3.82	58	295965	550.200	ug/l	93
25) Chloroform	7.37	83	10372	1.816	ug/l	100
30) 2-Butanone	6.86	43	7512	3.299	ug/l #	81

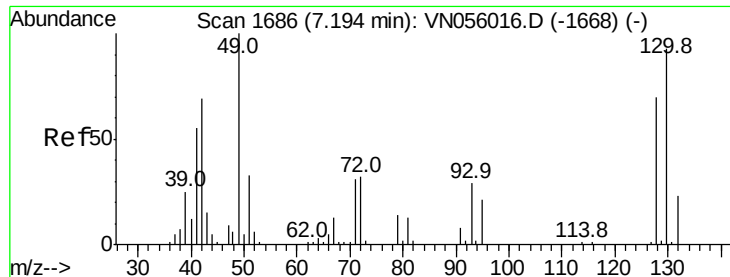
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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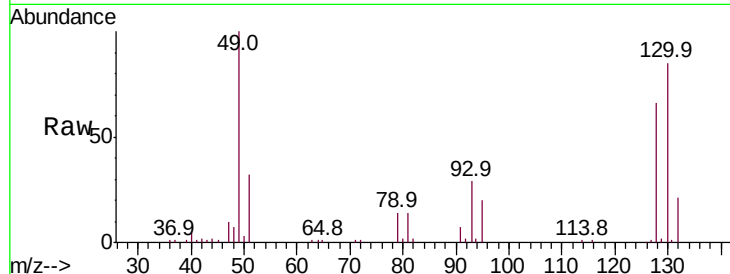




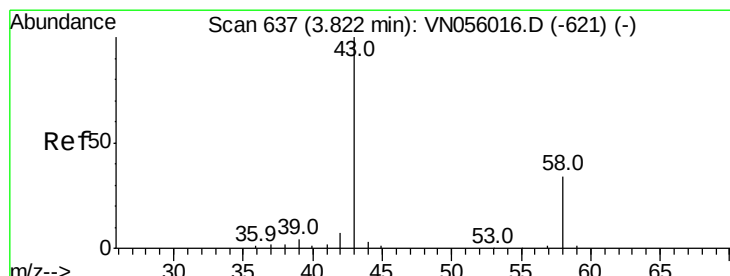
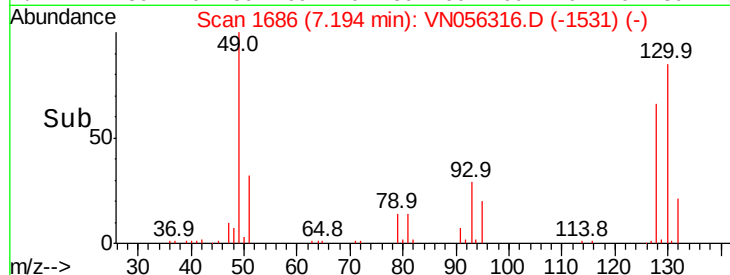
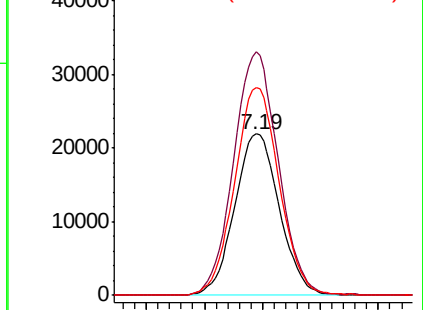
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN056316.D
 Acq: 14 Jun 2019 16:51

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WASTE-WATER

Tot Ion:128 Resp: 58730
 Ion Ratio Lower Upper
 128 100
 49 150.6 0.0 355.8
 130 129.1 0.0 326.3

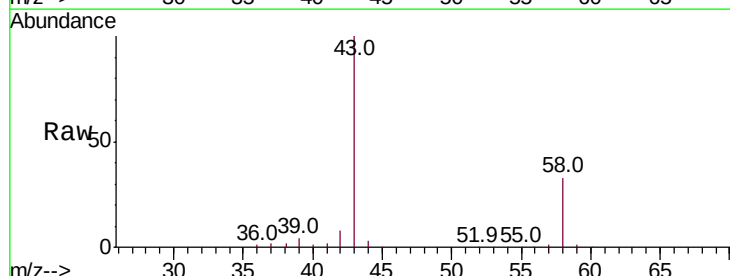


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

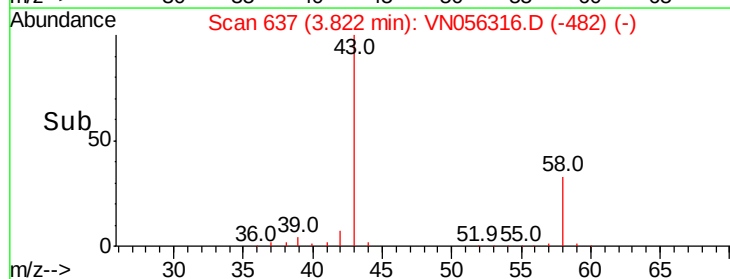
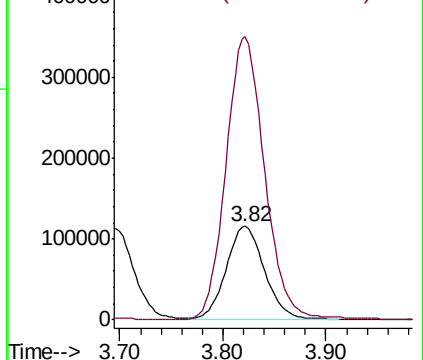


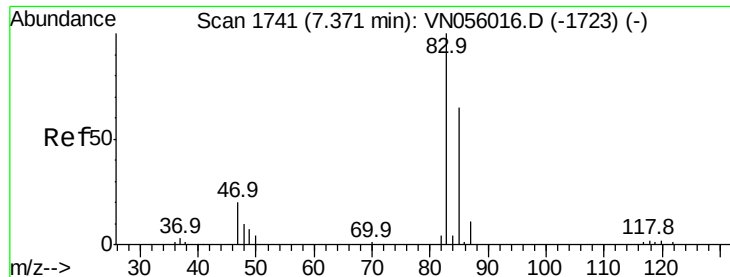
#15
 Acetone
 Concen: 550.200 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: VN056316.D
 Acq: 14 Jun 2019 16:51

Tgt Ion: 58 Resp: 295965
 Ion Ratio Lower Upper
 58 100
 43 303.9 232.5 348.7



Abundance Ion 58.00 (57.70 to 58.70): VN
 Ion 43.00 (42.70 to 43.70): VN

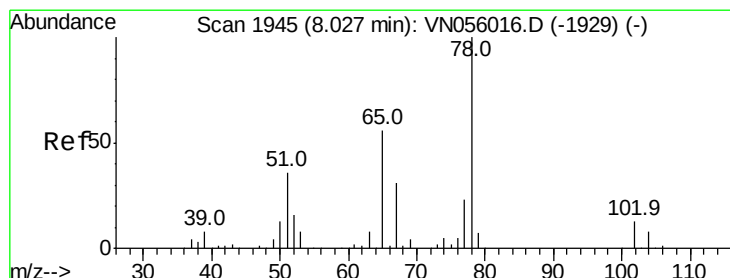
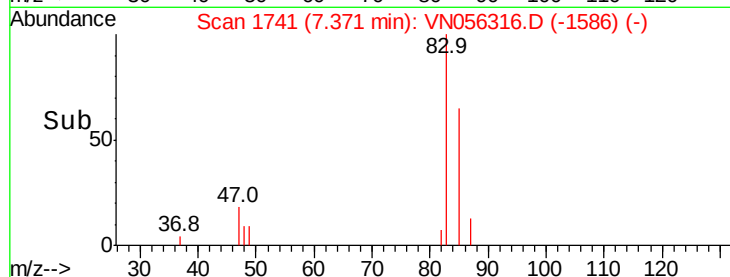
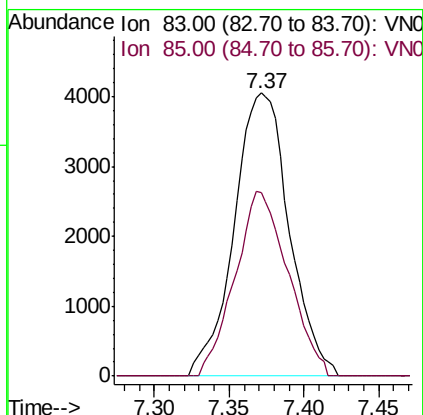
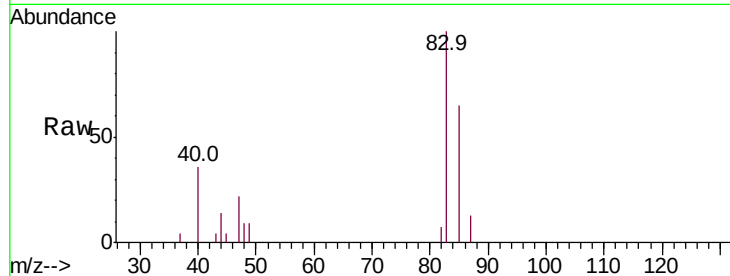




#25
Chloroform
Concen: 1.816 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056316.D
Acq: 14 Jun 2019 16:51

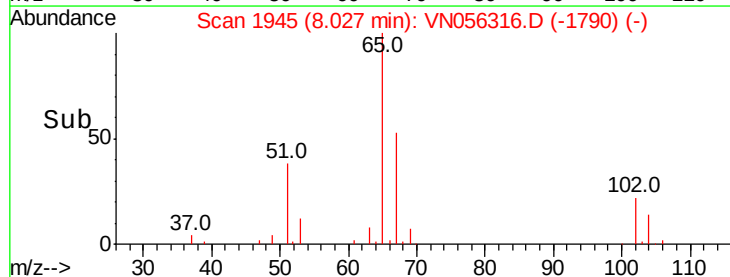
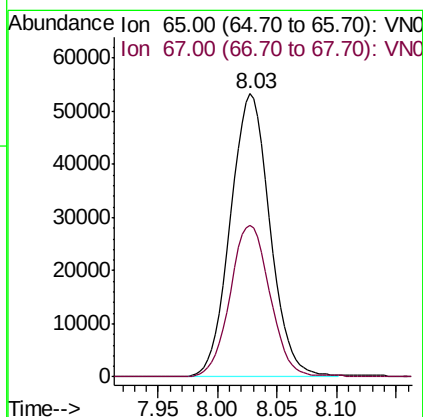
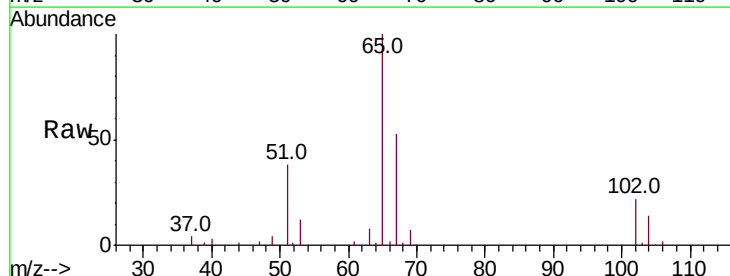
Instrument :
MSVOA_N
ClientSampleId :
EFF-WASTE-WATER

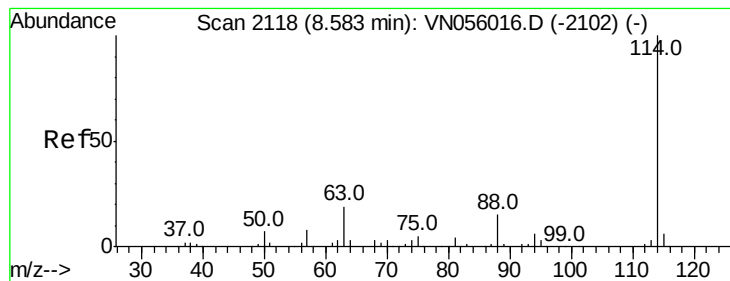
Tot Ion: 83 Resp: 10372
Ion Ratio Lower Upper
83 100
85 65.1 52.0 78.0



#27
1,2-Dichloroethane-d4
Concen: 33.768 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056316.D
Acq: 14 Jun 2019 16:51

Tgt Ion: 65 Resp: 123155
Ion Ratio Lower Upper
65 100
67 53.9 43.4 65.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056316.D

Acq: 14 Jun 2019 16:51

Instrument :

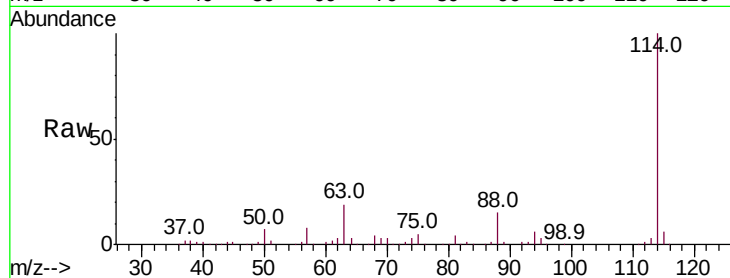
MSVOA_N

ClientSampleId :

EFF-WASTE-WATER

Tot Ion:114 Resp: 319729

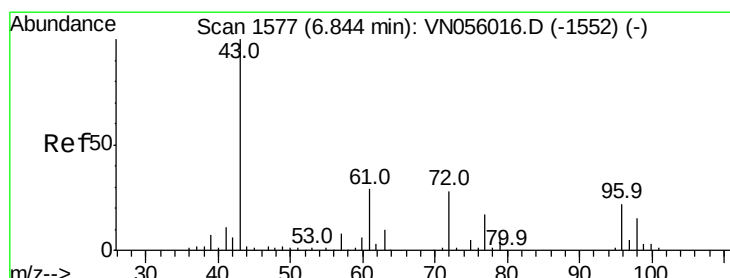
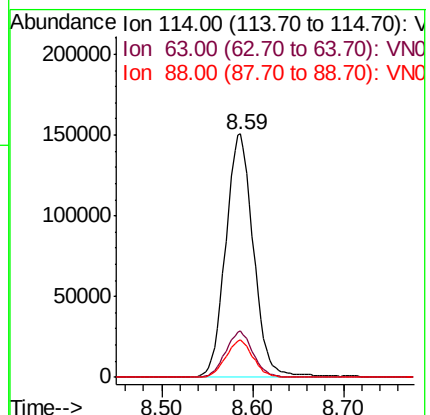
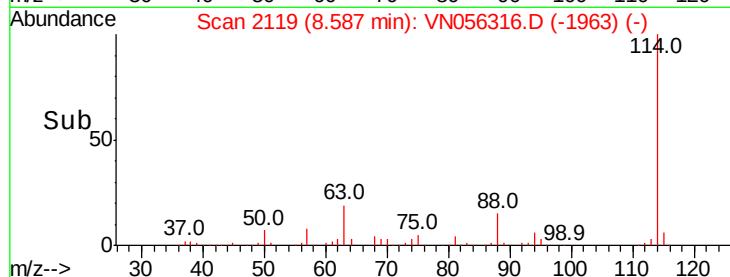
Ion	Ratio	Lower	Upper
114	100		
63	18.8	14.7	22.1
88	15.0	11.9	17.9



Abundance Ion 114.00 (113.70 to 114.70): VN0

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0



#30

2-Butanone

Concen: 3.299 ug/l

RT: 6.86 min Scan# 1581

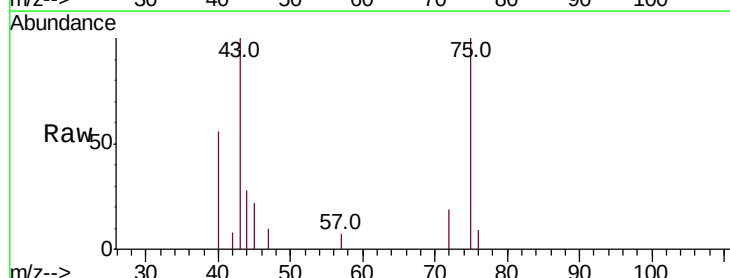
Delta R.T. 0.01 min

Lab File: VN056316.D

Acq: 14 Jun 2019 16:51

Tgt Ion: 43 Resp: 7512

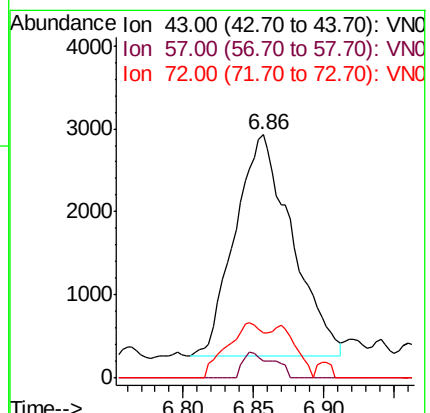
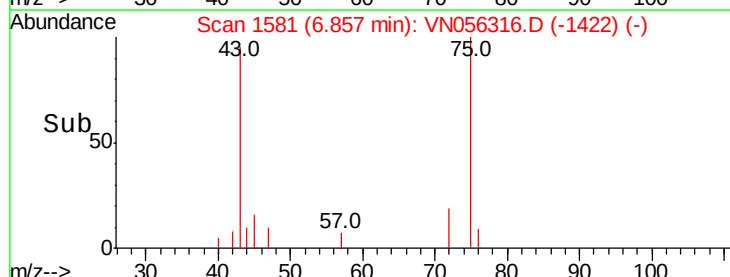
Ion	Ratio	Lower	Upper
43	100		
57	4.3	6.7	10.1#
72	16.6	22.4	33.6#

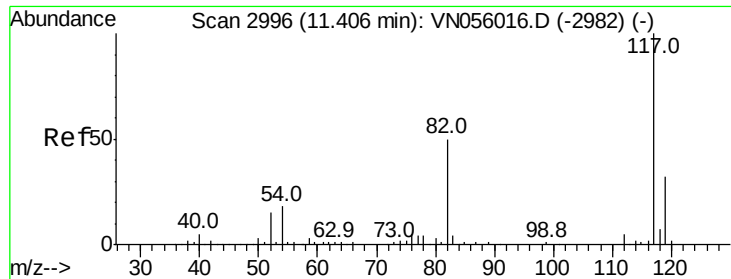


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

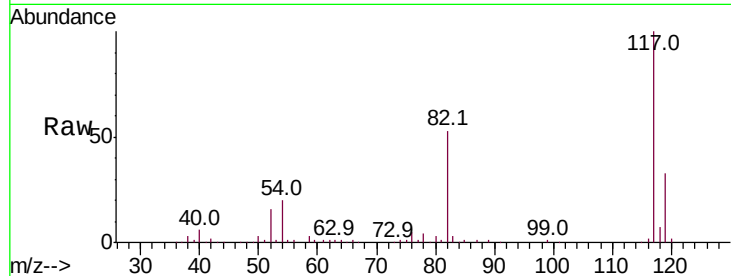




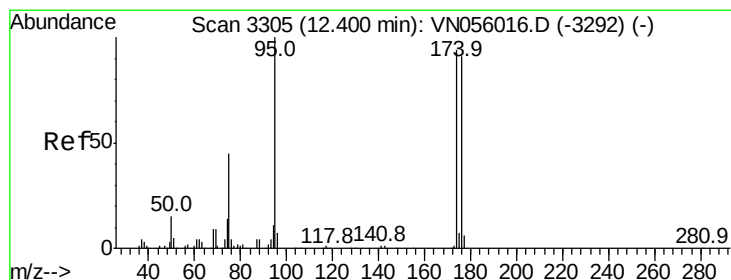
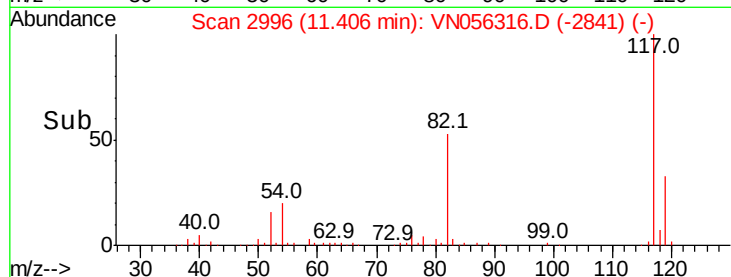
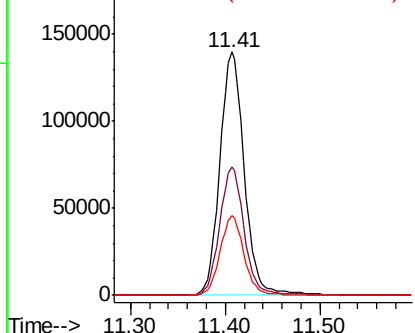
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056316.D
Acq: 14 Jun 2019 16:51

Instrument :
MSVOA_N
ClientSampleId :
EFF-WASTE-WATER

Tot Ion:117 Resp: 250857
Ion Ratio Lower Upper
117 100
82 53.0 41.2 61.8
119 31.8 26.2 39.2

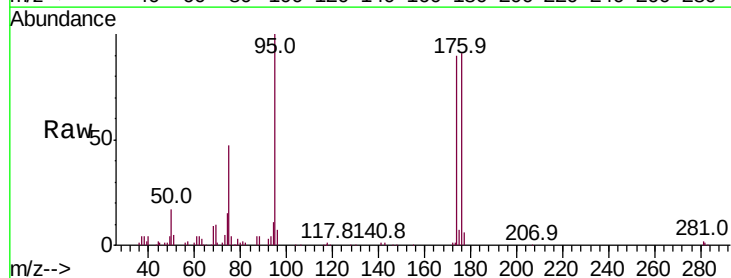


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

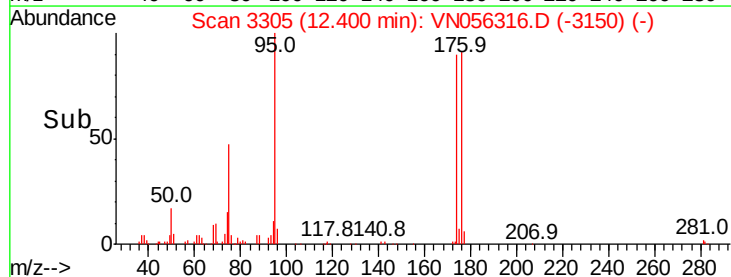
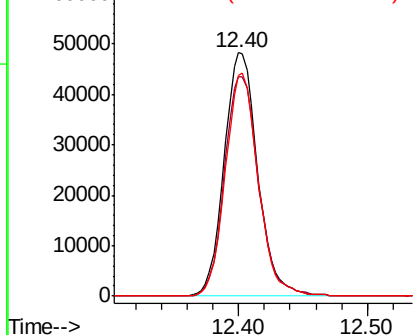


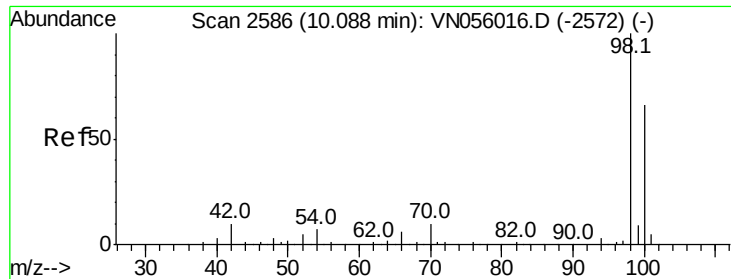
#60
4-Bromofluorobenzene
Concen: 23.364 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056316.D
Acq: 14 Jun 2019 16:51

Tgt Ion: 95 Resp: 86871
Ion Ratio Lower Upper
95 100
174 91.9 75.4 113.0
176 89.9 73.9 110.9



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





#63

Toluene-d8

Concen: 32.696 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056316.D

Acq: 14 Jun 2019 16:51

Instrument :

MSVOA_N

ClientSampleId :

EFF-WASTE-WATER

Tot Ion: 98 Resp: 372071

Ion Ratio Lower Upper

98 100

100 64.0 52.2 78.4

