

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050720.D
 Acq On : 17 Aug 2018 10:26
 Operator : MD\SY
 Sample : J4506-01 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WASTE-WATER

Quant Time: Aug 17 15:32:45 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA N\methods\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	119520	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	616065	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	534768	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	248563	30.60	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.00%
60) 4-Bromofluorobenzene	12.40	95	201650	24.54	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	81.80%
63) Toluene-d8	10.09	98	725883	28.42	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	94.73%

Target Compounds

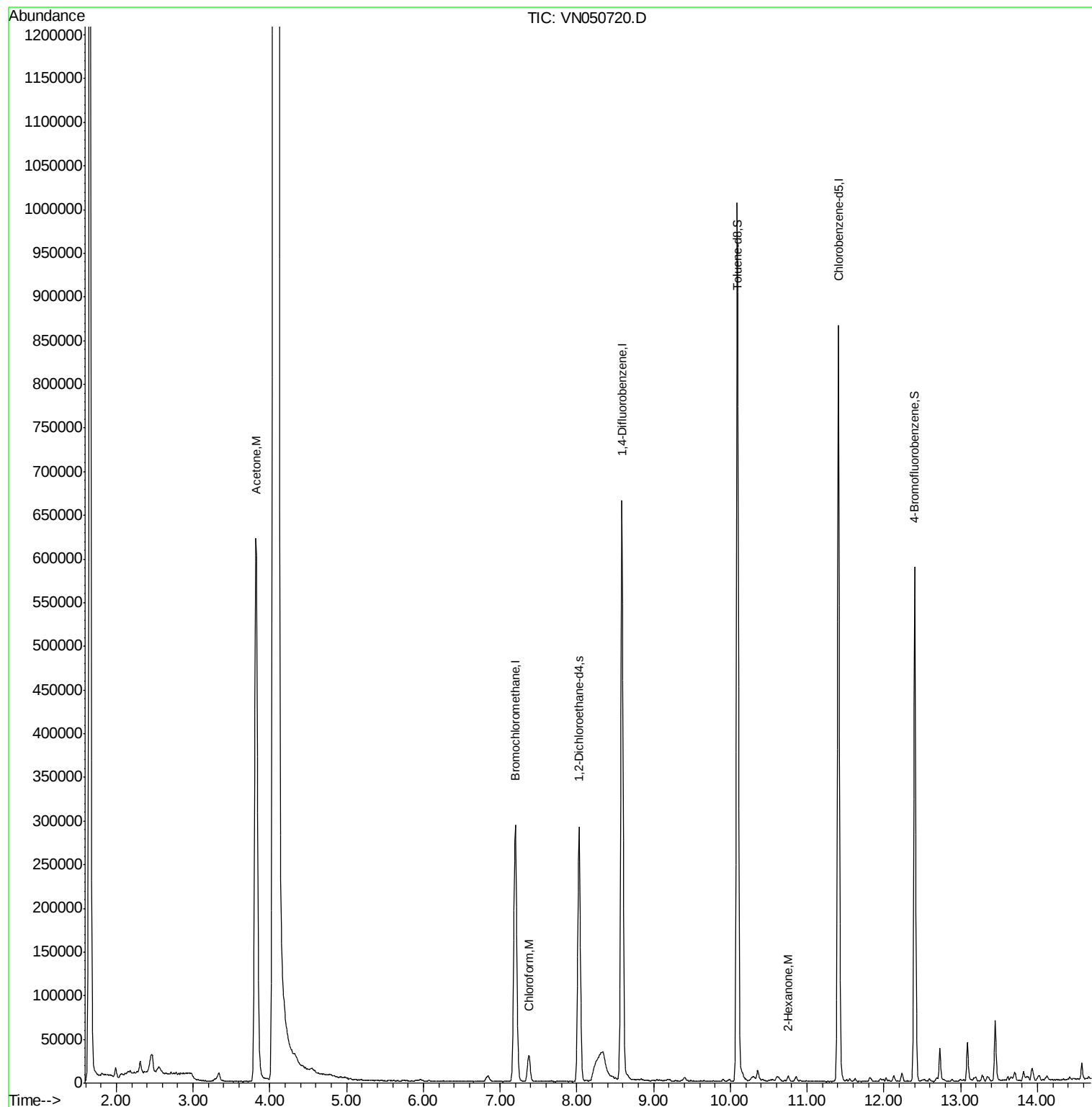
					Ovalue
15) Acetone	3.82	58	344685	532.46	ug/l 92
25) Chloroform	7.38	83	32604	2.48	ug/l 96
59) 2-Hexanone	10.75	43	4112	0.97	ug/l # 87

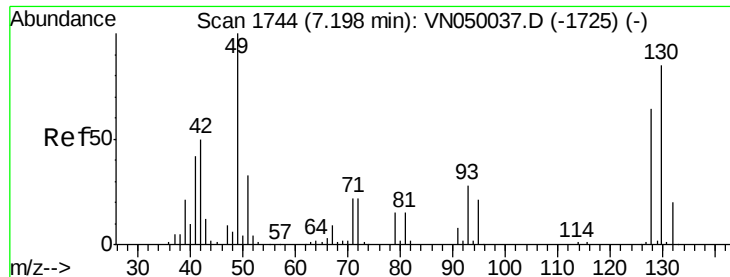
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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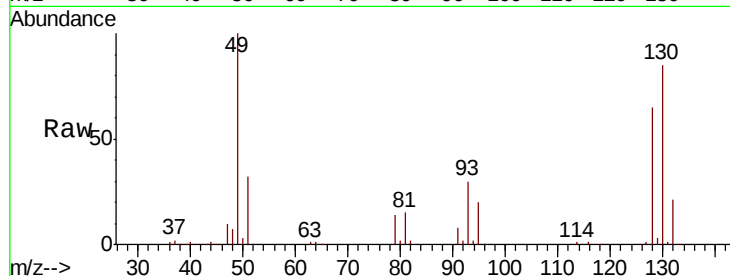




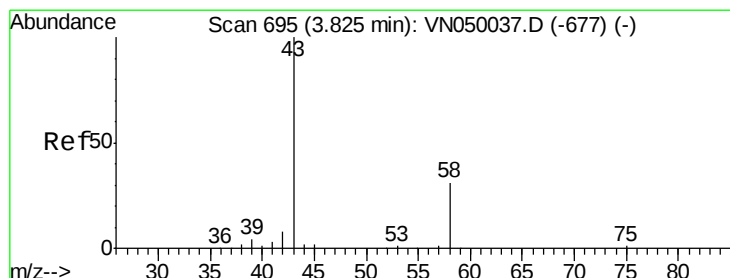
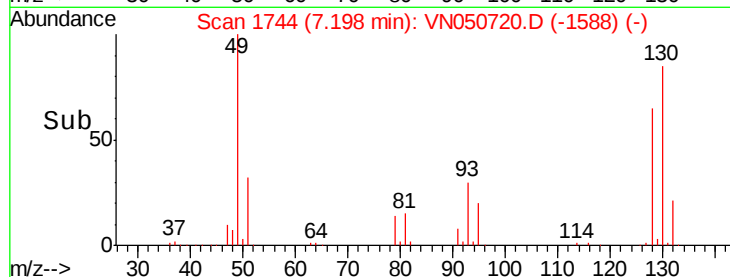
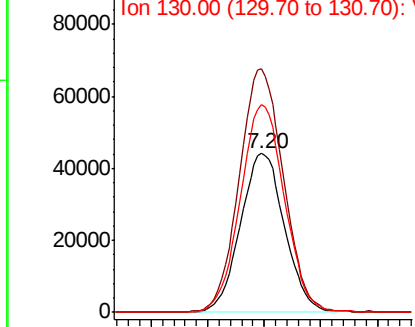
#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: VN050720.D
 Acq: 17 Aug 2018 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WASTE-WATER

Tot Ion:128 Resp: 119520
 Ion Ratio Lower Upper
 128 100
 49 153.9 0.0 378.3
 130 131.0 0.0 320.7

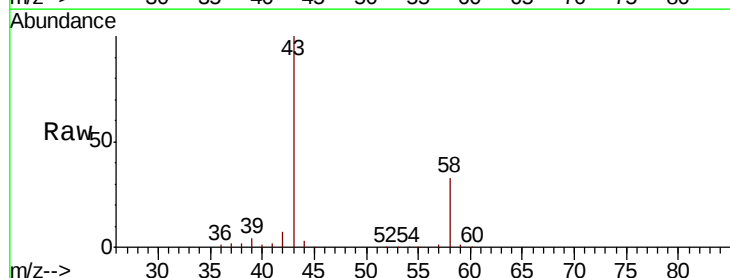


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

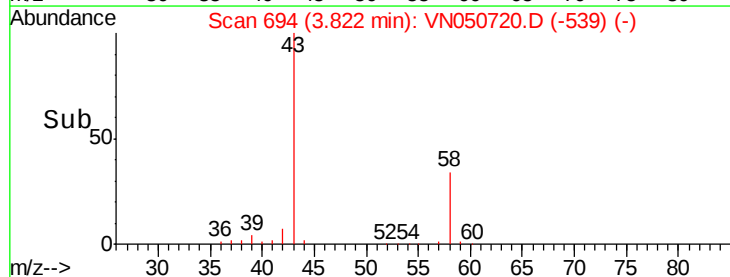
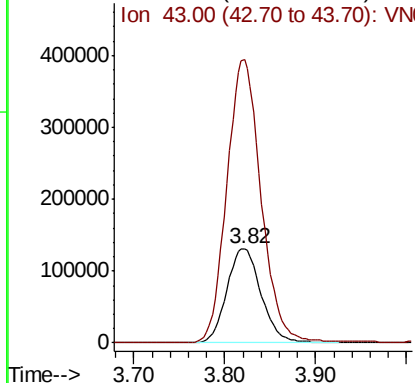


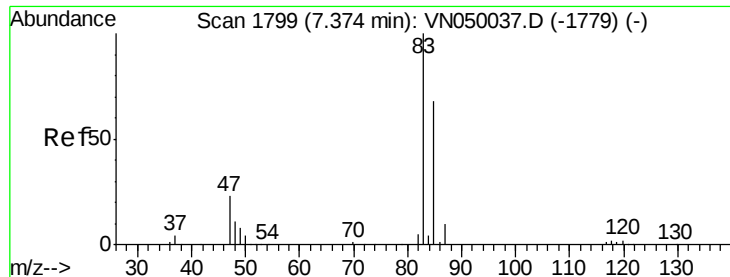
#15
 Acetone
 Concen: 532.46 ug/l
 RT: 3.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VN050720.D
 Acq: 17 Aug 2018 10:26

Tgt Ion: 58 Resp: 344685
 Ion Ratio Lower Upper
 58 100
 43 299.3 252.0 378.0



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

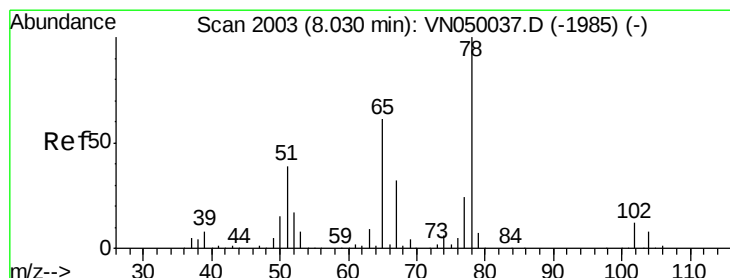
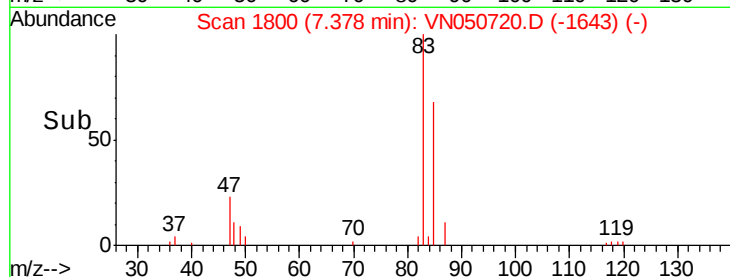
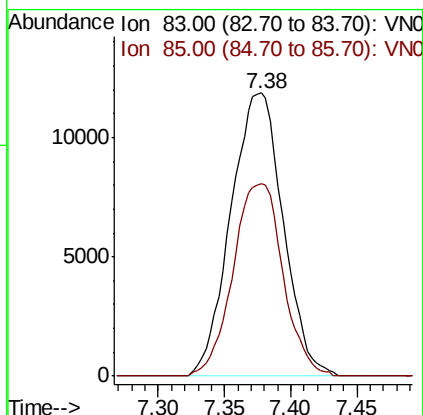
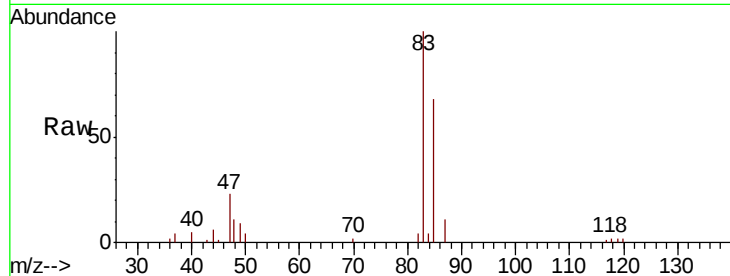




#25
Chloroform
Concen: 2.48 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN050720.D
Acq: 17 Aug 2018 10:26

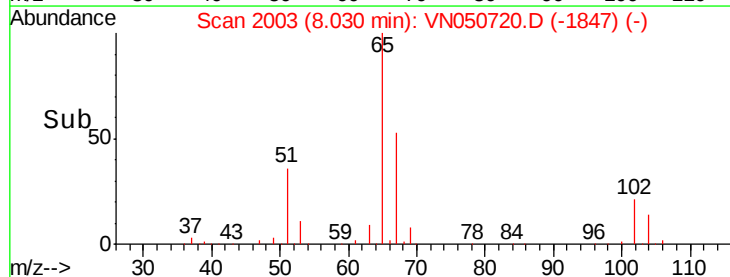
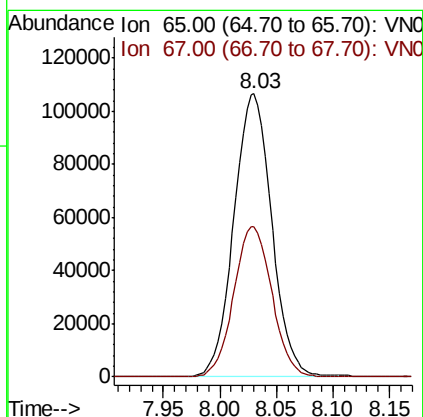
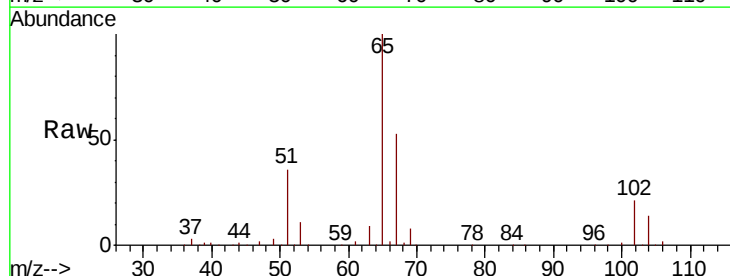
Instrument :
MSVOA_N
ClientSampleId :
EFF-WASTE-WATER

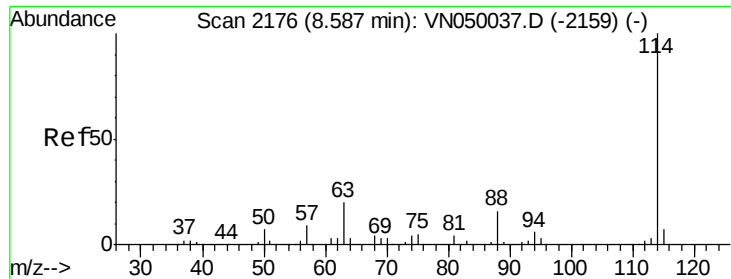
Tot Ion: 83 Resp: 32604
Ion Ratio Lower Upper
83 100
85 68.0 52.1 78.1



#27
1,2-Dichloroethane-d4
Concen: 30.60 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050720.D
Acq: 17 Aug 2018 10:26

Tgt Ion: 65 Resp: 248563
Ion Ratio Lower Upper
65 100
67 53.4 42.7 64.1

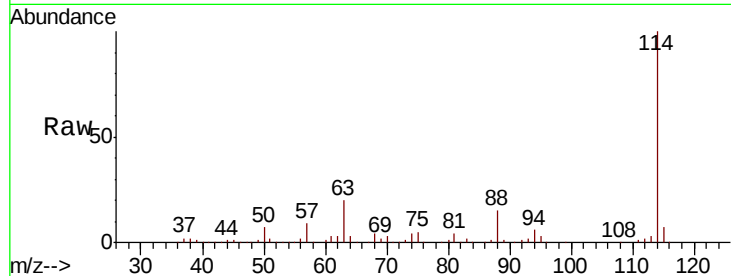




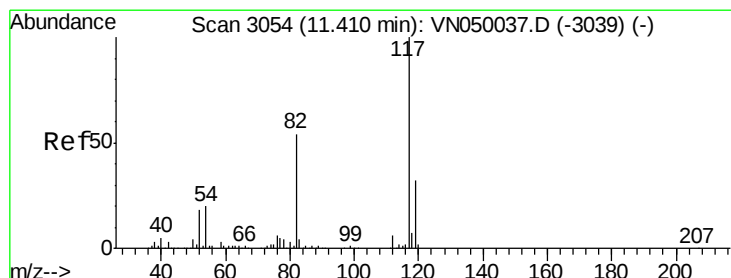
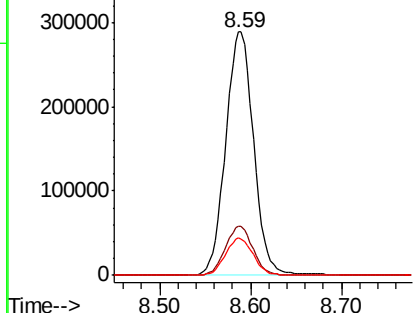
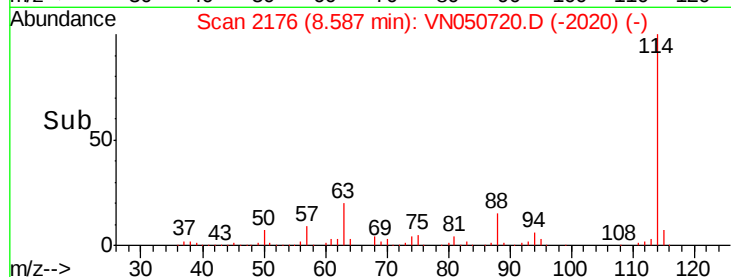
#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050720.D
 Acq: 17 Aug 2018 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WASTE-WATER

Tot Ion:114 Resp: 616065
 Ion Ratio Lower Upper
 114 100
 63 19.9 16.2 24.2
 88 15.3 12.3 18.5

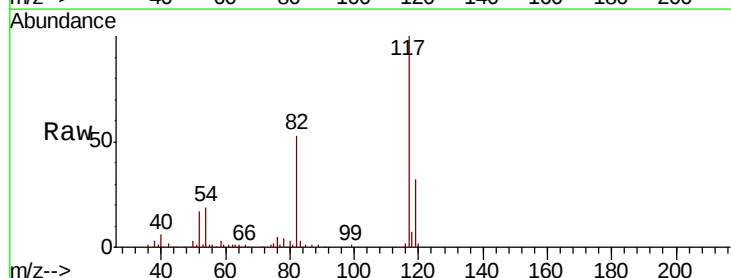


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

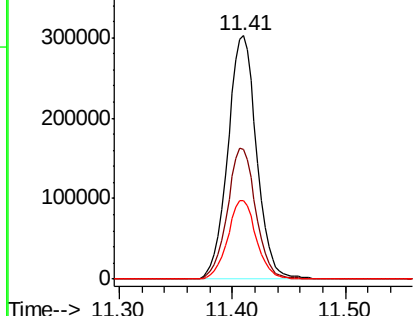
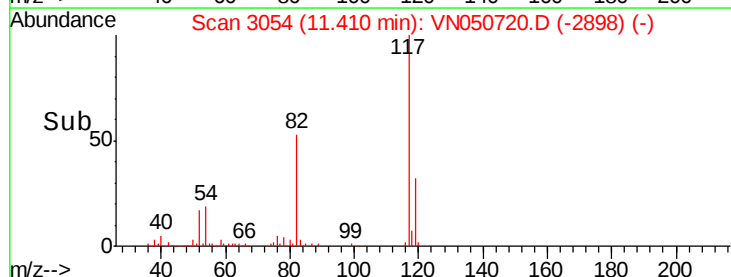


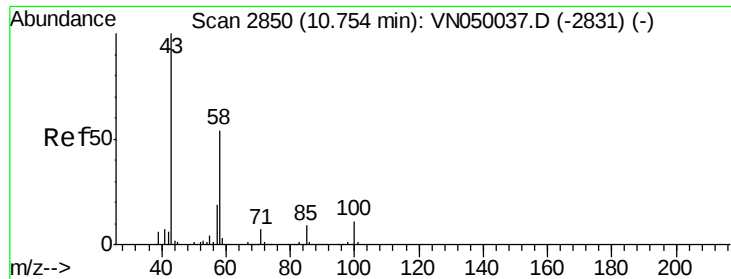
#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 11.41 min Scan# 3054
 Delta R.T. 0.00 min
 Lab File: VN050720.D
 Acq: 17 Aug 2018 10:26

Tgt Ion:117 Resp: 534768
 Ion Ratio Lower Upper
 117 100
 82 53.1 42.4 63.6
 119 32.2 25.4 38.0



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

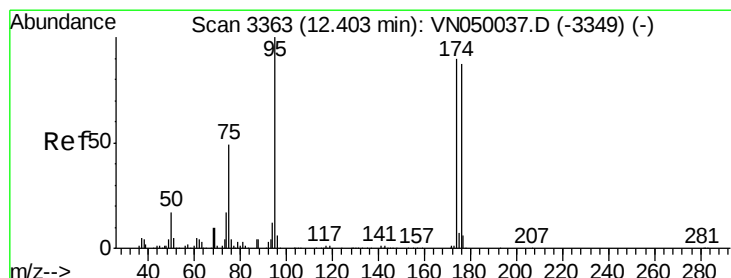
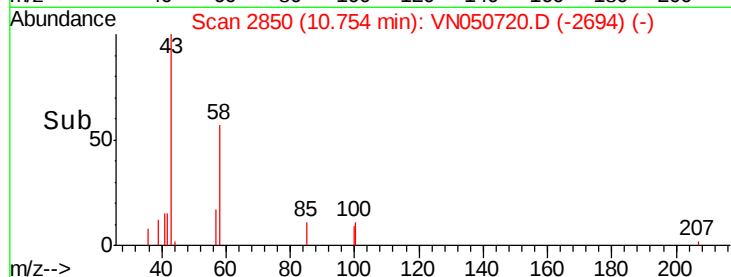
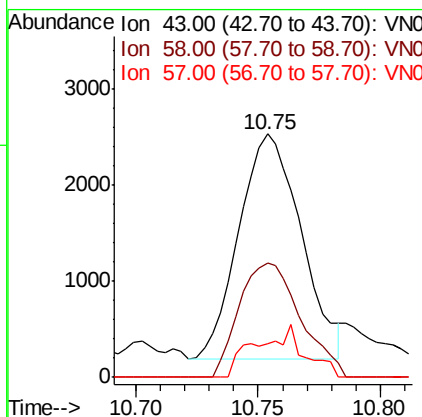
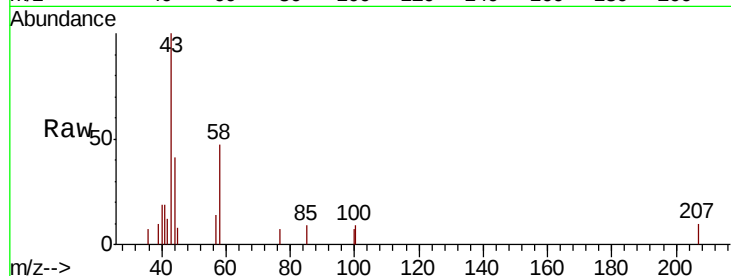




#59
2-Hexanone
Concen: 0.97 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN050720.D
Acq: 17 Aug 2018 10:26

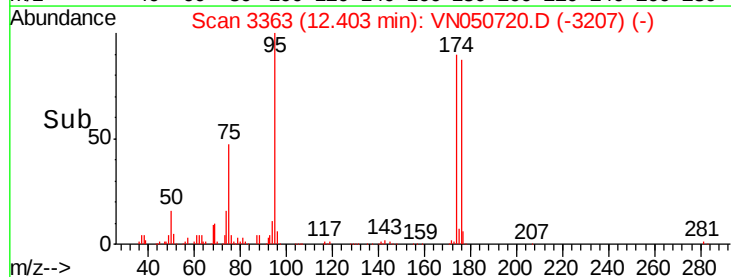
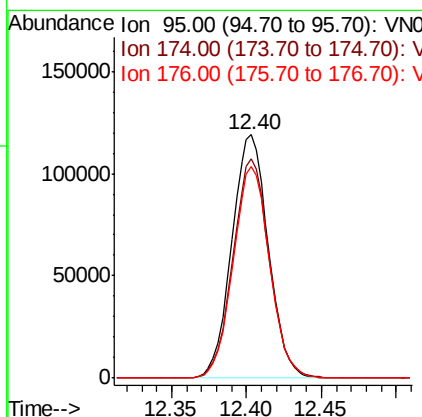
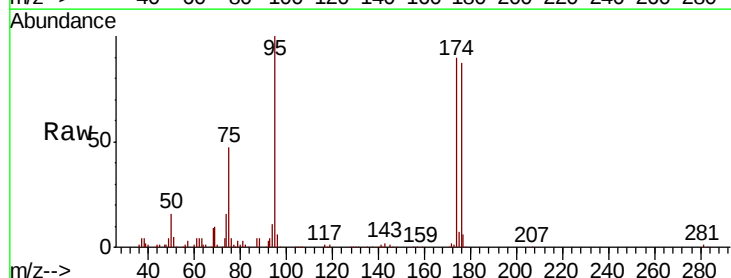
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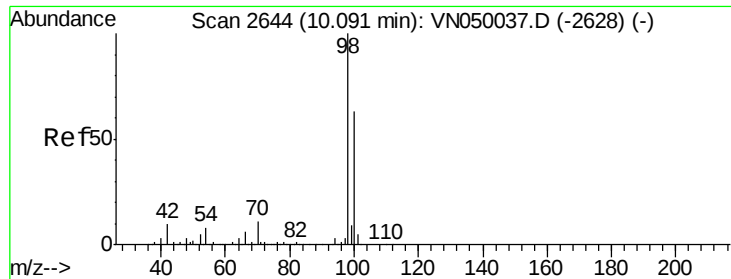
Tot Ion: 43 Resp: 4112
Ion Ratio Lower Upper
43 100
58 50.5 43.8 65.8
57 3.5 15.1 22.7#



#60
4-Bromofluorobenzene
Concen: 24.54 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050720.D
Acq: 17 Aug 2018 10:26

Tgt Ion: 95 Resp: 201650
Ion Ratio Lower Upper
95 100
174 90.0 72.3 108.5
176 87.1 70.0 105.0





#63
Toluene-d8
Concen: 28.42 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050720.D
Acq: 17 Aug 2018 10:26

Instrument :
MSVOA_N
ClientSampleId :
EFF-WASTE-WATER

Tot Ion: 98 Resp: 725883
Ion Ratio Lower Upper
98 100
100 63.3 51.2 76.8

