

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090618\
 Data File : VN051031.D
 Acq On : 6 Sep 2018 13:24
 Operator : MD\SY
 Sample : J4799-01 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WASTE-WATER

Quant Time: Sep 07 11:18:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:38:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	129131	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	675345	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	582868	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	259934	31.54	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.13%
60) 4-Bromofluorobenzene	12.40	95	221458	25.55	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	85.17%
63) Toluene-d8	10.09	98	788625	29.01	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.70%

Target Compounds

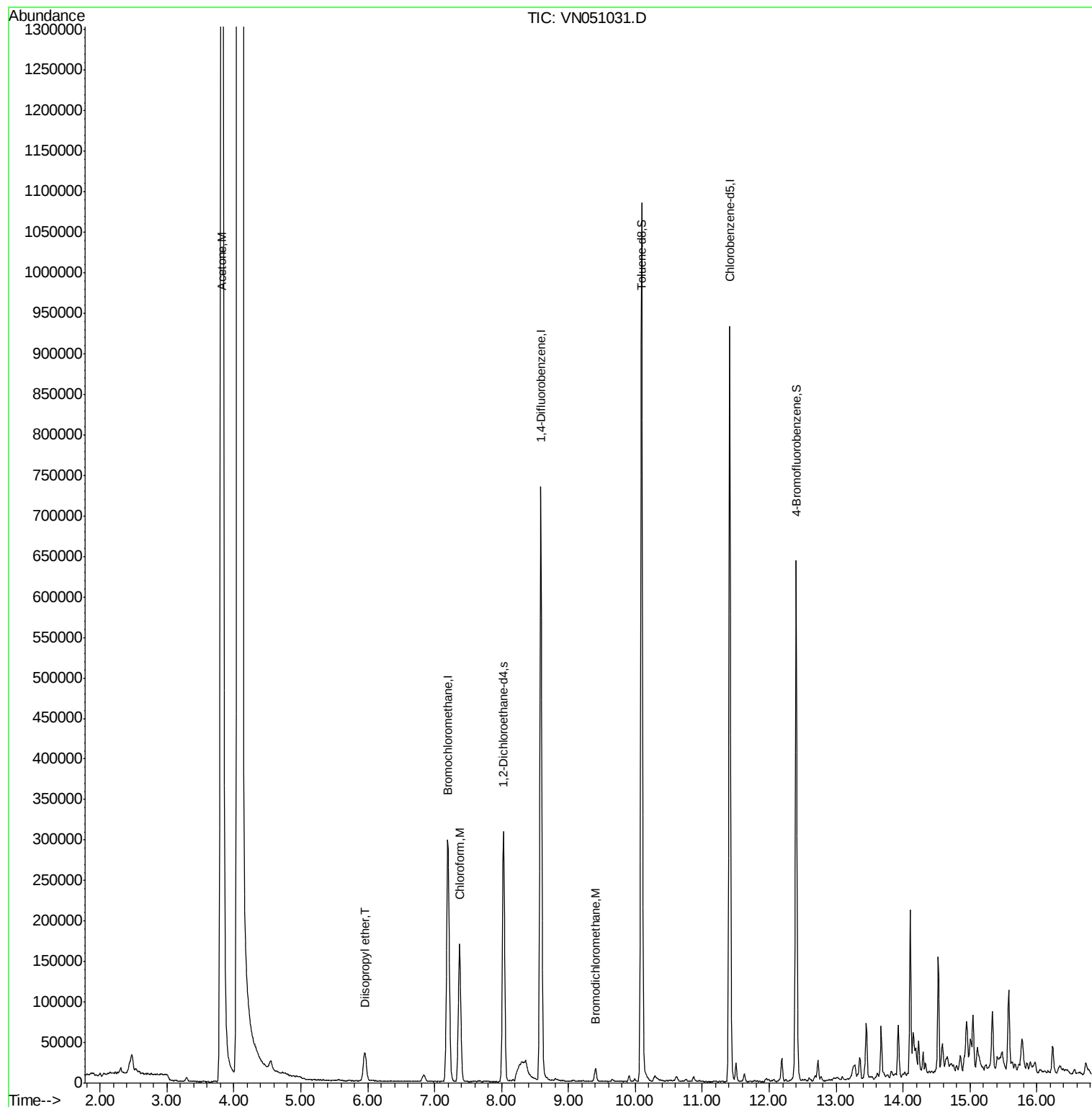
						Ovalue
15) Acetone	3.82	58	1815489	2600.76	ug/l	96
20) Diisopropyl ether	5.96	45	44492	1.95	ug/l	94
25) Chloroform	7.37	83	183888	13.19	ug/l	99
41) Bromodichloromethane	9.41	83	11469	1.11	ug/l	99

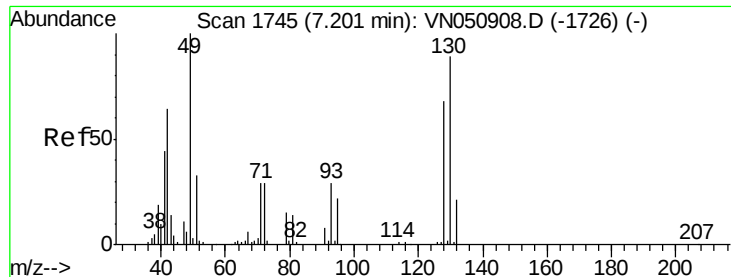
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 29 01:38:44 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN051031.D

Acq: 6 Sep 2018 13:24

Instrument :

MSVOA_N

ClientSampleId :

EFF-WASTE-WATER

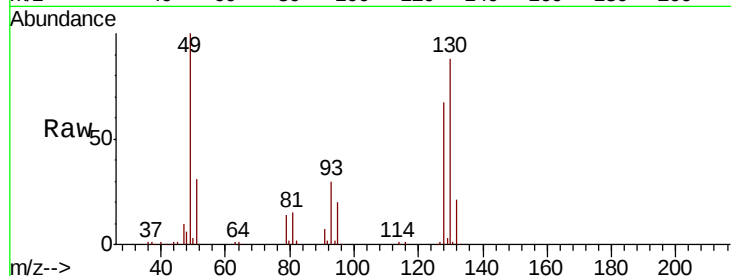
Tot Ion:128 Resp: 129131

Ion Ratio Lower Upper

128 100

49 148.2 0.0 380.3

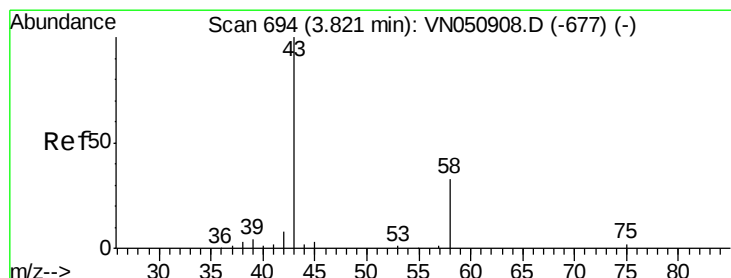
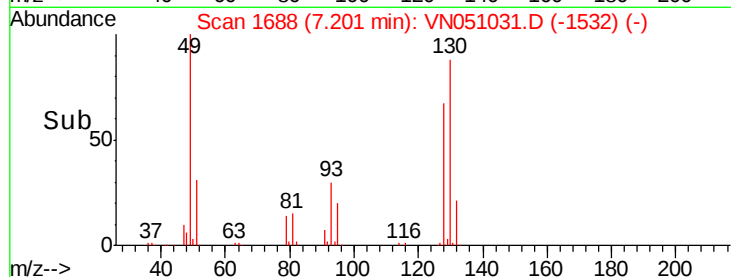
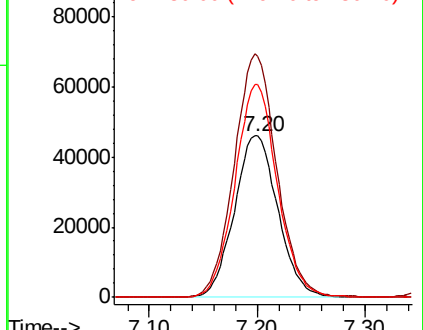
130 128.9 0.0 325.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 2600.76 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051031.D

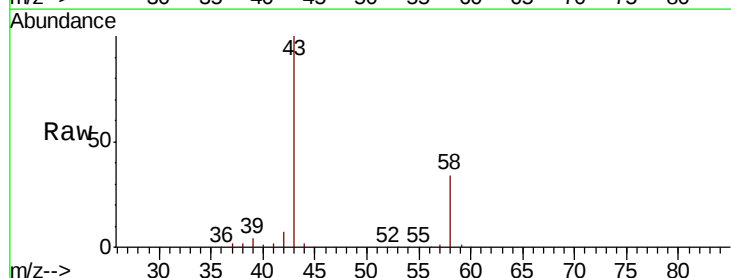
Acq: 6 Sep 2018 13:24

Tgt Ion: 58 Resp: 1815489

Ion Ratio Lower Upper

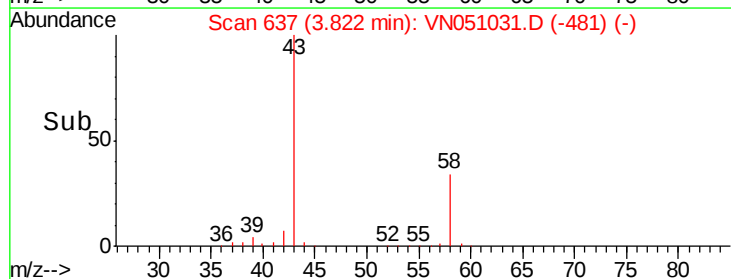
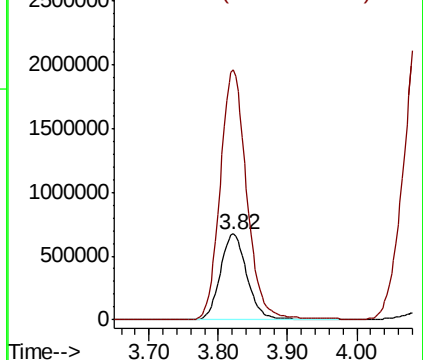
58 100

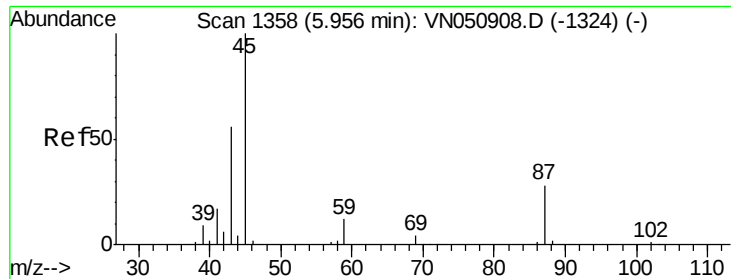
43 290.7 239.4 359.0



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

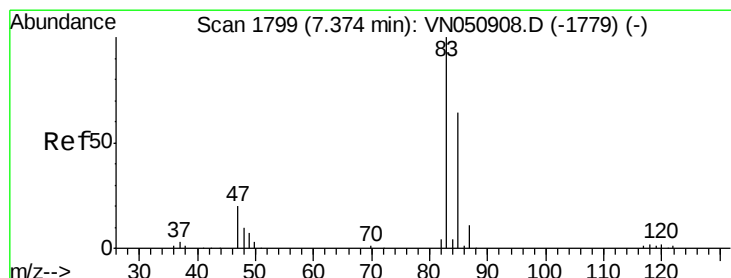
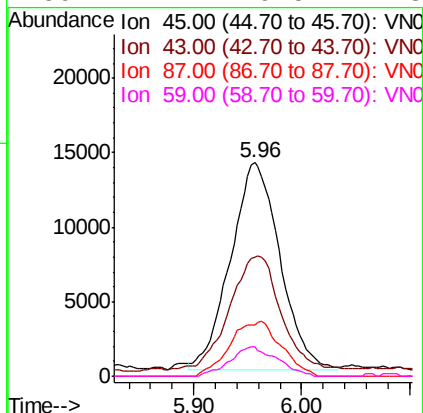
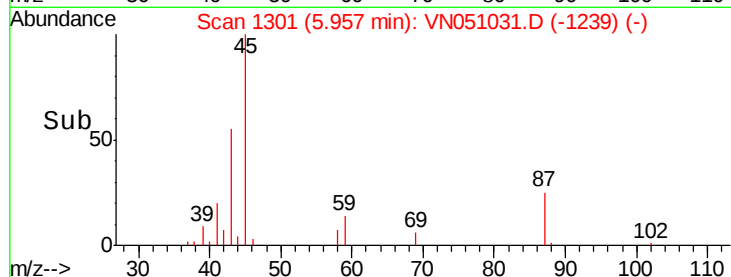
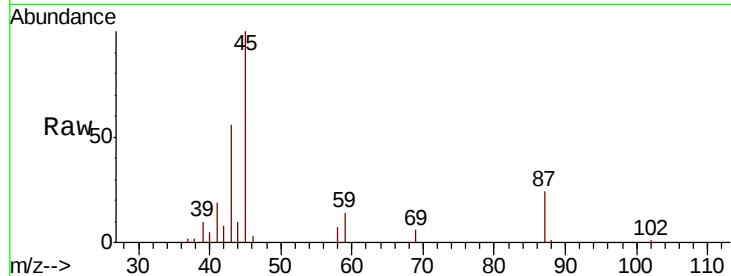




#20
Diisopropyl ether
Concen: 1.95 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN051031.D
Acq: 6 Sep 2018 13:24

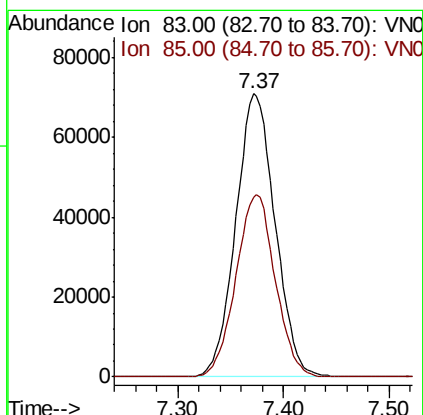
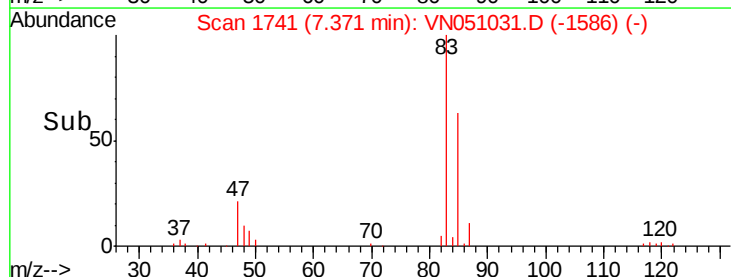
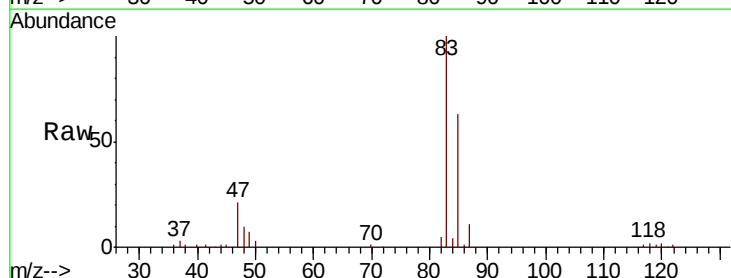
Instrument :
MSVOA_N
ClientSampleId :
EFF-WASTE-WATER

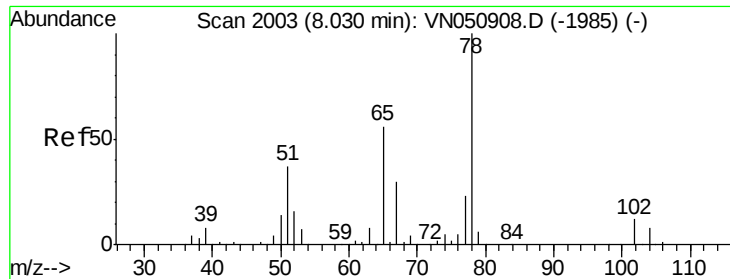
Tot Ion:	45	Resp:	44492
Ion	Ratio	Lower	Upper
45	100		
43	53.9	47.0	70.6
87	25.2	22.8	34.2
59	14.2	9.5	14.3



#25
Chloroform
Concen: 13.19 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051031.D
Acq: 6 Sep 2018 13:24

Tgt Ion:	83	Resp:	183888
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.4	77.0





#27

1,2-Dichloroethane-d4

Concen: 31.54 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051031.D

Acq: 6 Sep 2018 13:24

Instrument :

MSVOA_N

ClientSampleId :

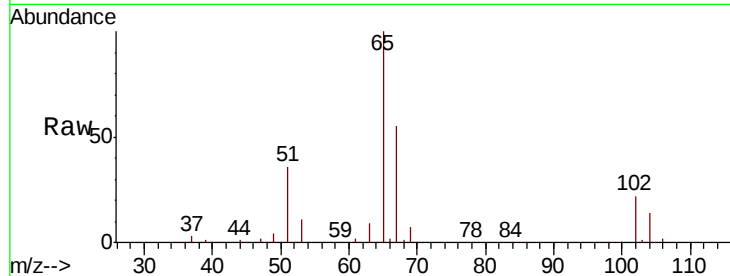
EFF-WASTE-WATER

Tot Ion: 65 Resp: 259934

Ion Ratio Lower Upper

65 100

67 55.0 43.7 65.5



Abundance Ion 65.00 (64.70 to 65.70): VN051031.D (-1985) (-)

Ion 67.00 (66.70 to 67.70): VN051031.D (-1985) (-)

8.03

120000

100000

80000

60000

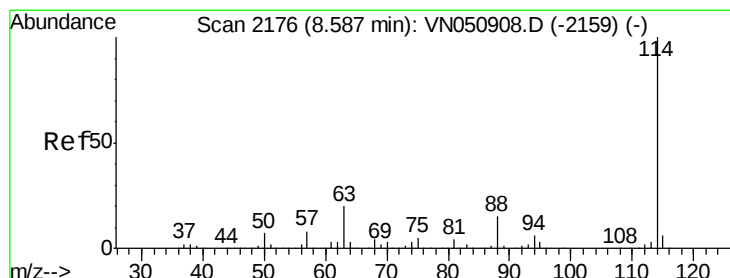
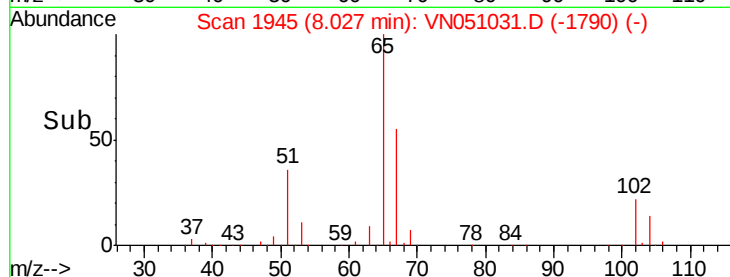
40000

20000

0

8.00 8.10

Time-->



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051031.D

Acq: 6 Sep 2018 13:24

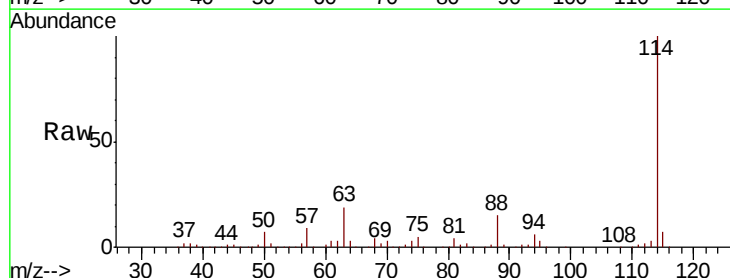
Tgt Ion: 114 Resp: 675345

Ion Ratio Lower Upper

114 100

63 19.2 15.6 23.4

88 15.5 12.2 18.4



Abundance Ion 114.00 (113.70 to 114.70): VN051031.D (-2159) (-)

Ion 63.00 (62.70 to 63.70): VN051031.D (-2159) (-)

Ion 88.00 (87.70 to 88.70): VN051031.D (-2159) (-)

8.59

400000

300000

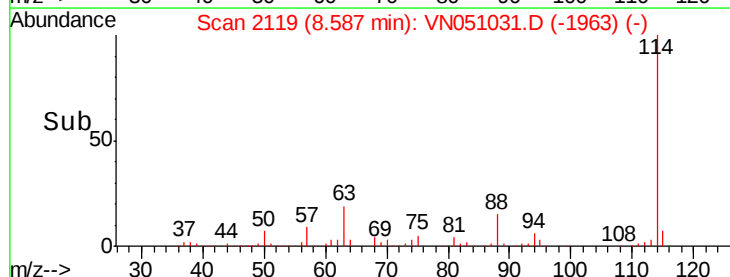
200000

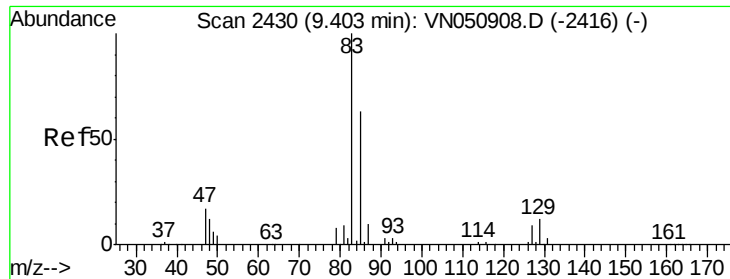
100000

0

8.50 8.60 8.70

Time-->





#41

Bromodichloromethane

Concen: 1.11 ug/l

RT: 9.41 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN051031.D

Acq: 6 Sep 2018 13:24

Instrument :

MSVOA_N

ClientSampleId :

EFF-WASTE-WATER

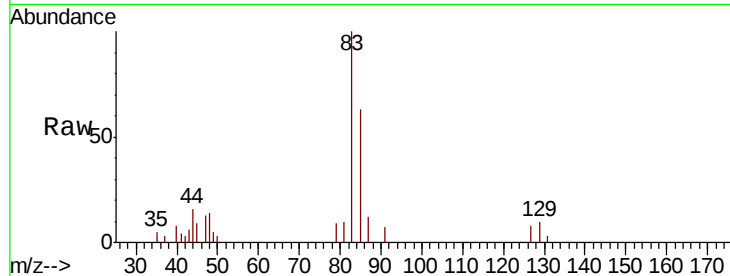
Tot Ion: 83 Resp: 11469

Ion Ratio Lower Upper

83 100

85 62.6 50.6 76.0

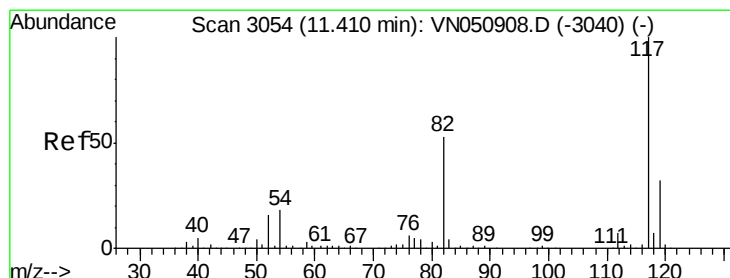
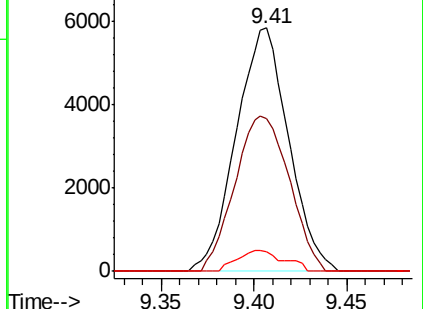
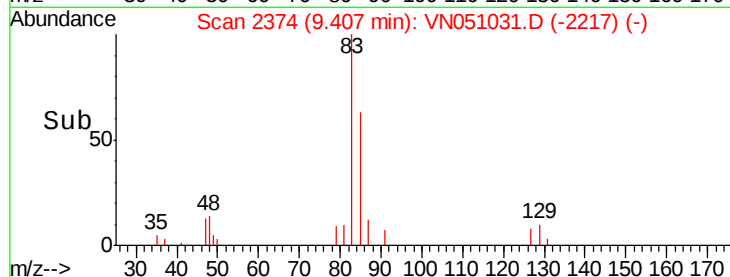
127 8.2 7.1 10.7



Abundance Ion 83.00 (82.70 to 83.70): VN051031.D (-2374) (-)

Ion 85.00 (84.70 to 85.70): VN051031.D (-2374) (-)

Ion 127.00 (126.70 to 127.70): VN051031.D (-2374) (-)



#57

Chlorobenzene-d5

Concen: 30.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051031.D

Acq: 6 Sep 2018 13:24

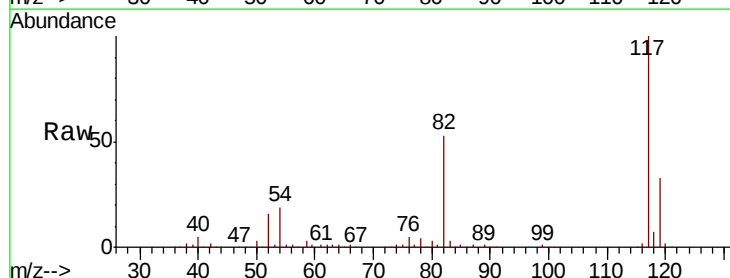
Tgt Ion: 117 Resp: 582868

Ion Ratio Lower Upper

117 100

82 52.6 42.6 64.0

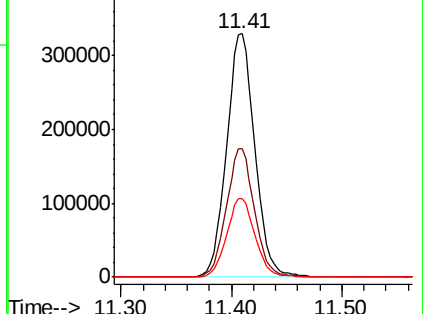
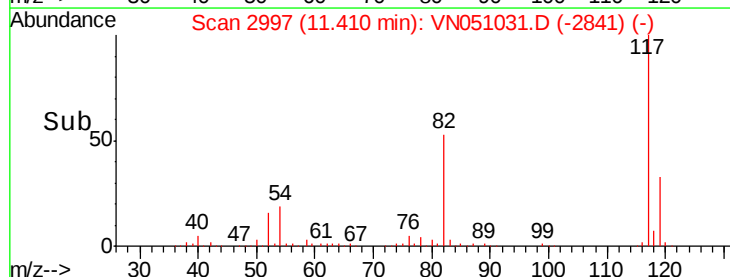
119 32.4 25.7 38.5

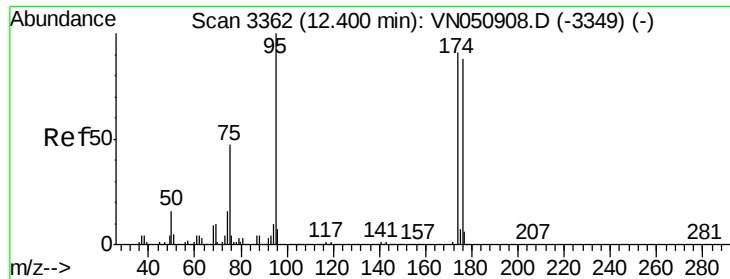


Abundance Ion 117.00 (116.70 to 117.70): VN051031.D (-2997) (-)

Ion 82.00 (81.70 to 82.70): VN051031.D (-2997) (-)

Ion 119.00 (118.70 to 119.70): VN051031.D (-2997) (-)

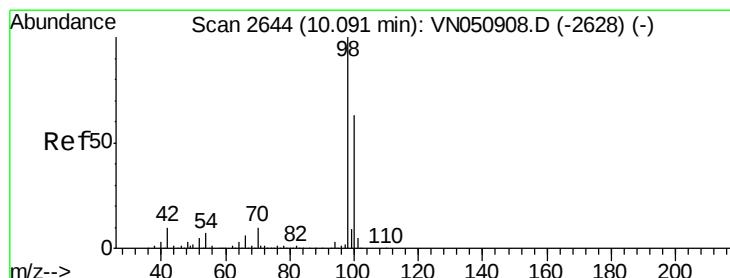
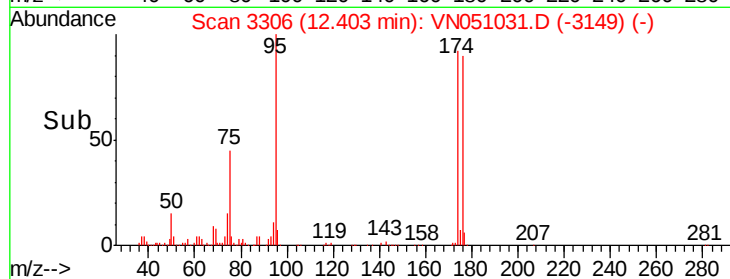
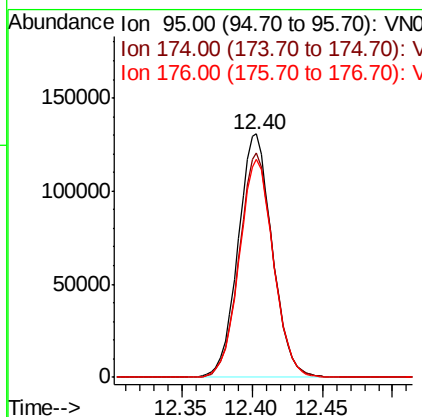
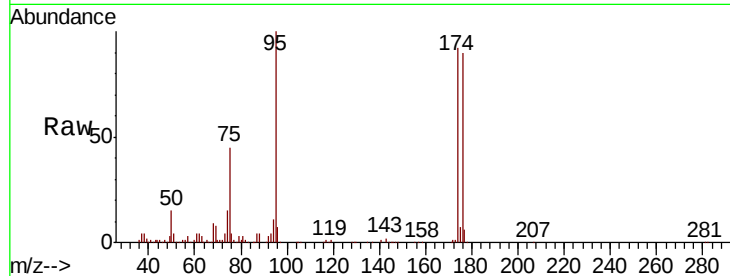




#60
4-Bromofluorobenzene
Concen: 25.55 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051031.D
Acq: 6 Sep 2018 13:24

Instrument :
MSVOA_N
ClientSampleId :
EFF-WASTE-WATER

Tot Ion: 95 Resp: 221458
Ion Ratio Lower Upper
95 100
174 91.8 74.6 112.0
176 89.3 71.5 107.3



#63
Toluene-d8
Concen: 29.01 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051031.D
Acq: 6 Sep 2018 13:24

Tgt Ion: 98 Resp: 788625
Ion Ratio Lower Upper
98 100
100 63.4 50.6 75.8

