

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030119\
 Data File : VN054023.D
 Acq On : 1 Mar 2019 12:24
 Operator : JC/SP
 Sample : K1663-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

Quant Time: Mar 02 00:00:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N030119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 01 11:11:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	117896	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	610589	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	499211	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	249069	30.08	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.27%
60) 4-Bromofluorobenzene	12.40	95	179508	23.49	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	78.30%
63) Toluene-d8	10.09	98	730557	30.42	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.40%

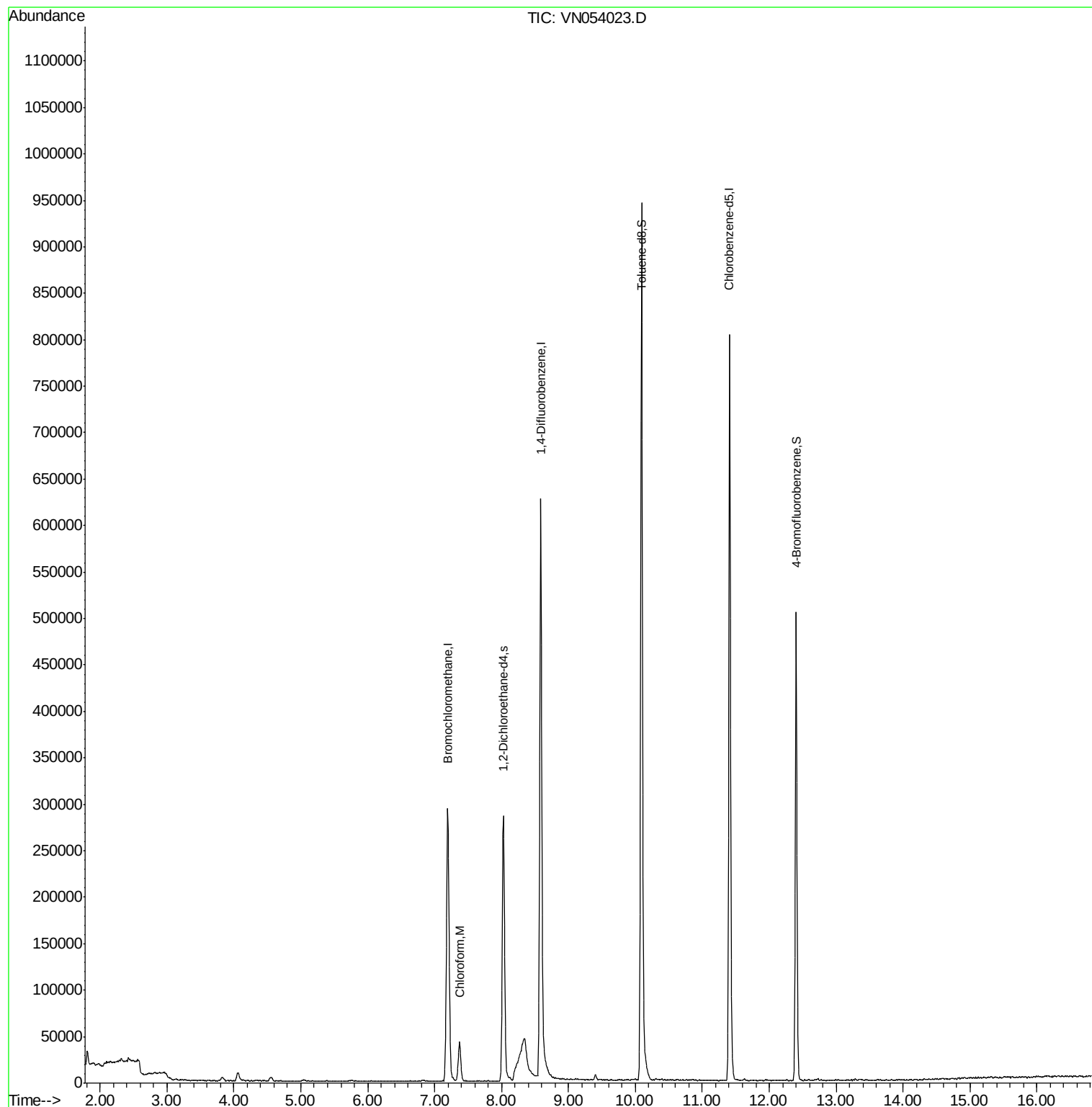
Target Compounds					Ovalue
25) Chloroform	7.37	83	45808	3.497 ug/l	98

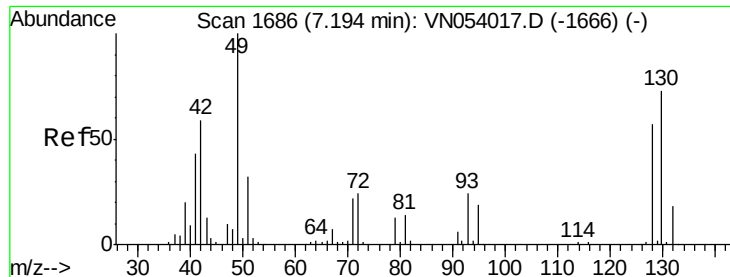
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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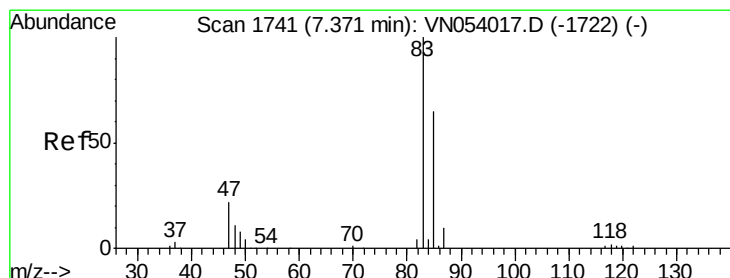
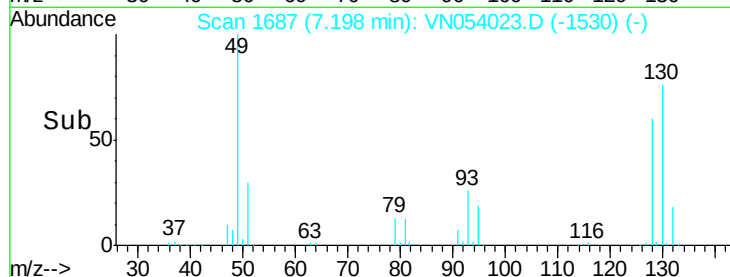
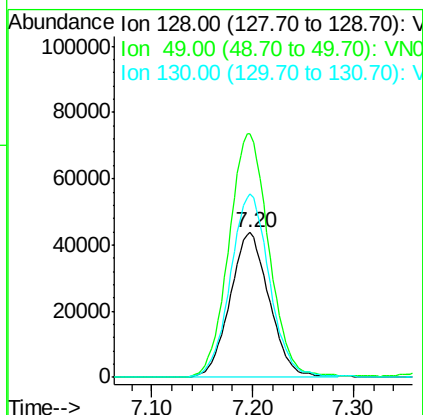
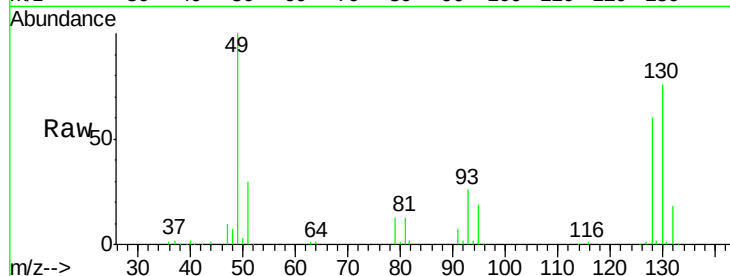




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN054023.D
Acq: 1 Mar 2019 12:24

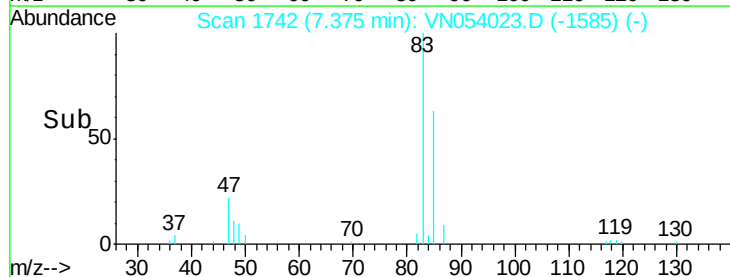
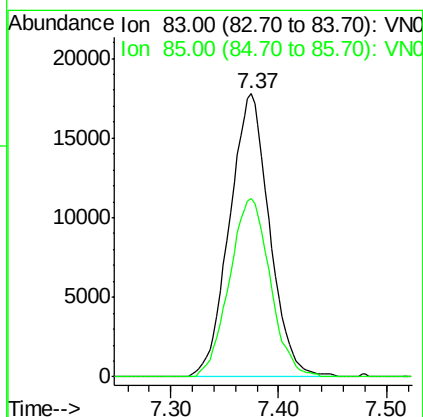
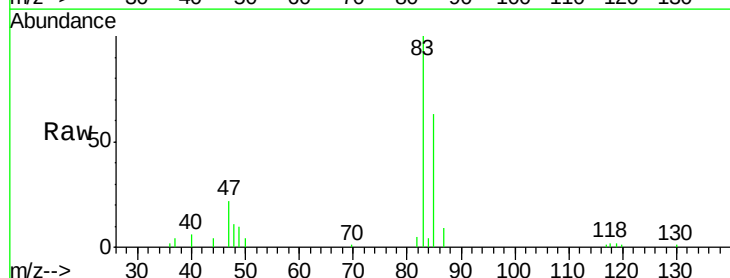
Instrument :
MSVOA_N
ClientSampled :
SPDES-1

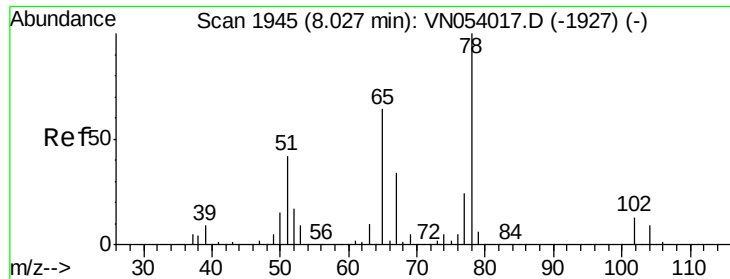
Tot Ion:128 Resp: 117896
Ion Ratio Lower Upper
128 100
49 171.2 0.0 431.8
130 126.4 0.0 317.0



#25
Chloroform
Concen: 3.497 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN054023.D
Acq: 1 Mar 2019 12:24

Tgt Ion: 83 Resp: 45808
Ion Ratio Lower Upper
83 100
85 62.9 51.7 77.5

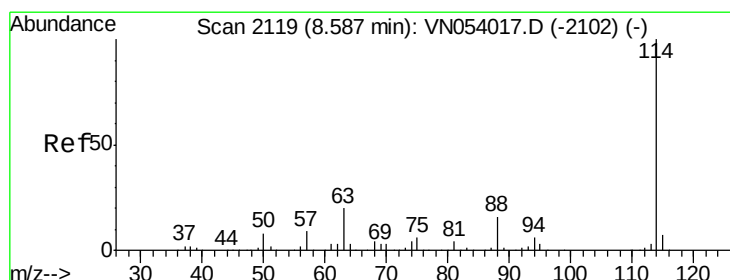
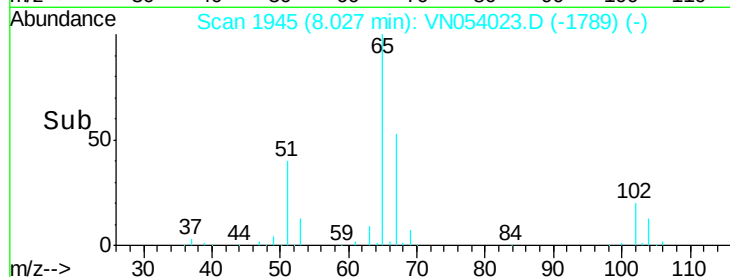
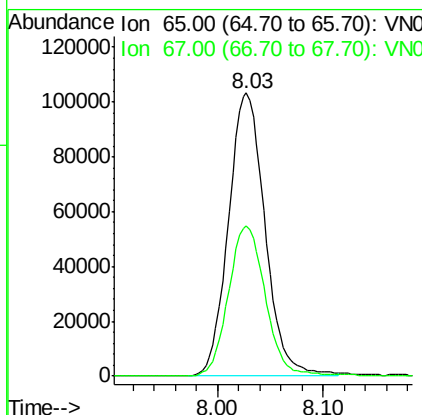
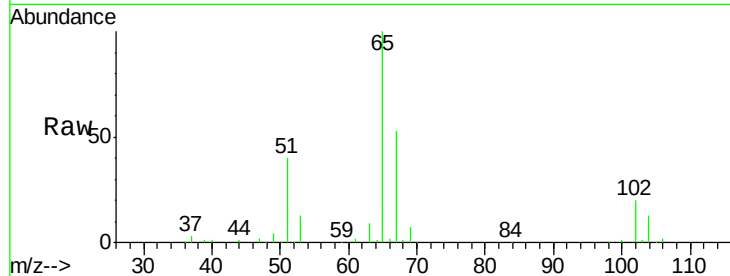




#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054023.D
 Acq: 1 Mar 2019 12:24

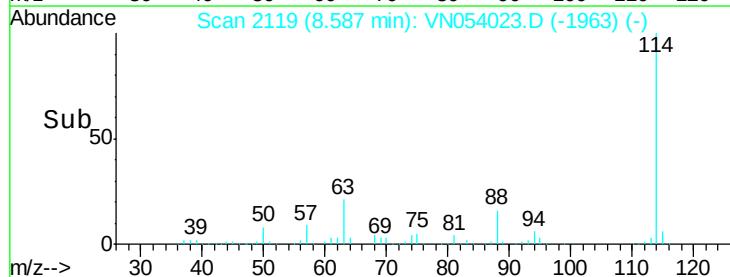
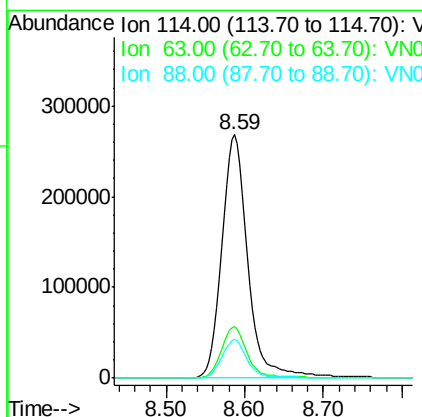
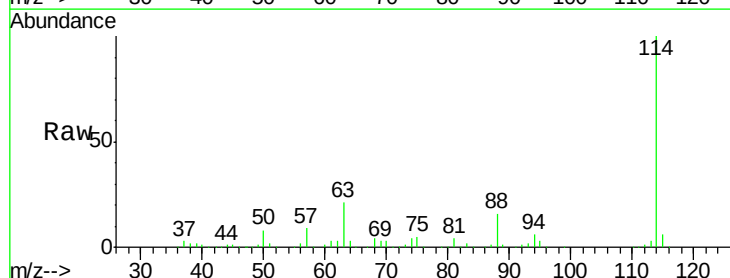
Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

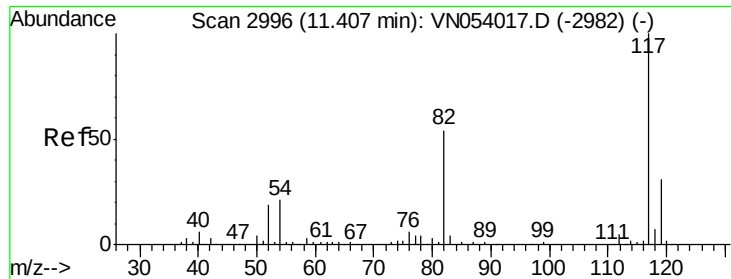
Tot Ion: 65 Resp: 249069
 Ion Ratio Lower Upper
 65 100
 67 53.5 44.6 66.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054023.D
 Acq: 1 Mar 2019 12:24

Tgt Ion: 114 Resp: 610589
 Ion Ratio Lower Upper
 114 100
 63 20.8 16.9 25.3
 88 15.2 12.8 19.2

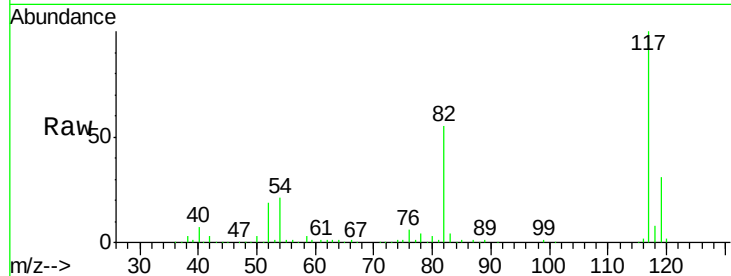




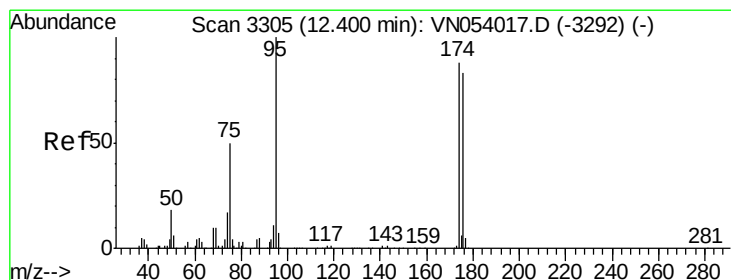
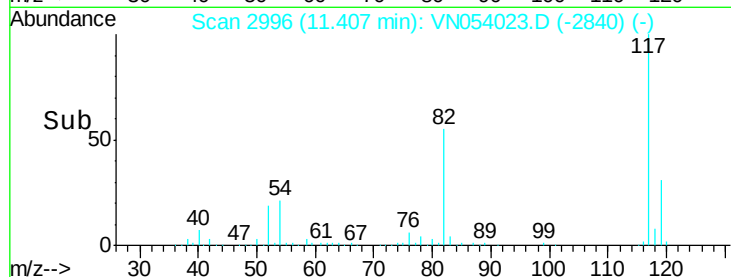
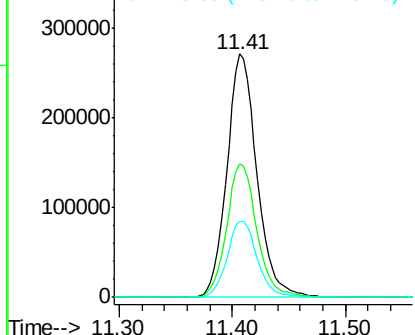
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054023.D
Acq: 1 Mar 2019 12:24

Instrument :
MSVOA_N
ClientSampled :
SPDES-1

Tot Ion:117 Resp: 499211
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 31.7 25.4 38.2

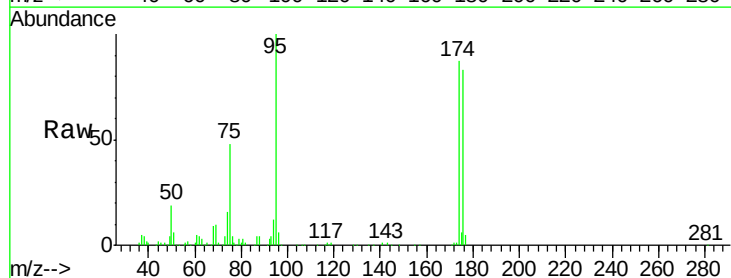


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

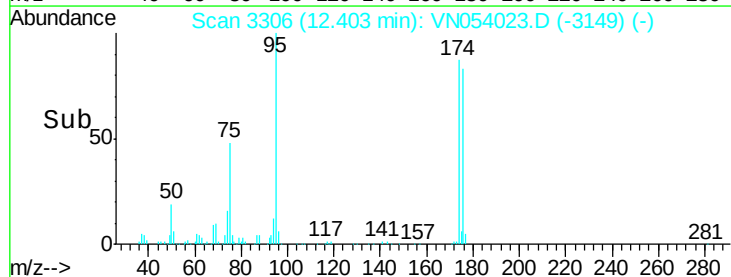
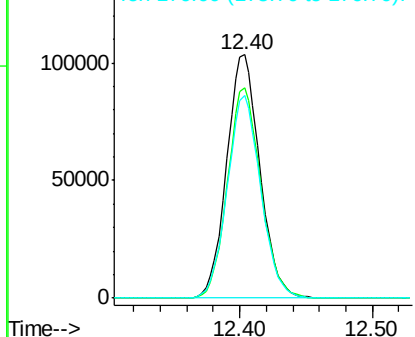


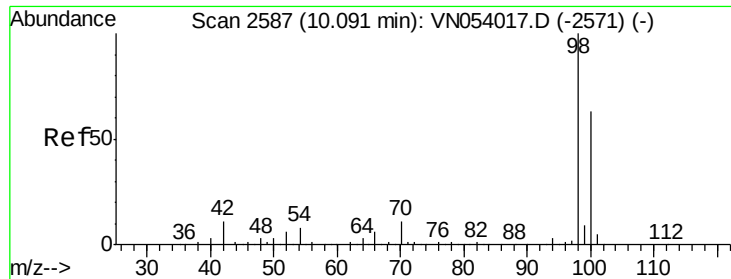
#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054023.D
Acq: 1 Mar 2019 12:24

Tgt Ion: 95 Resp: 179508
Ion Ratio Lower Upper
95 100
174 86.7 67.9 101.9
176 83.8 66.4 99.6



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





#63

Toluene-d8

Concen: Below ua/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054023.D

Acq: 1 Mar 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

Tot Ion: 98 Resp: 730557

Ion Ratio Lower Upper

98 100

100 64.0 51.1 76.7

