

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041919\
 Data File : VN055132.D
 Acq On : 19 Apr 2019 10:58
 Operator : JC/SP
 Sample : K2467-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

Quant Time: Apr 19 11:21:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 12 07:55:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	77481	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	416775	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	330794	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	182341	30.88	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.93%
60) 4-Bromofluorobenzene	12.40	95	116827	22.69	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	75.63%
63) Toluene-d8	10.09	98	492281	31.30	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	104.33%

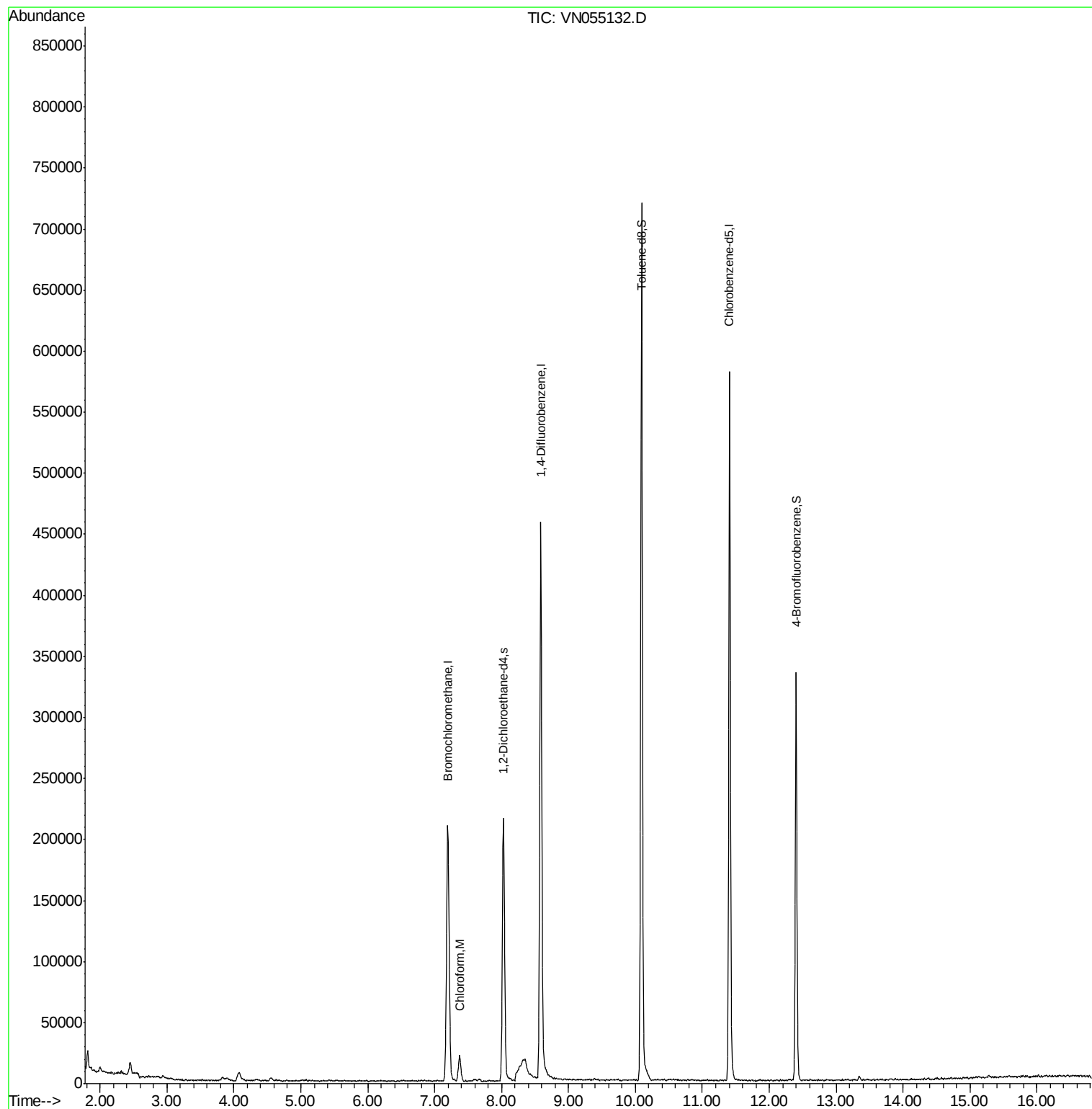
Target Compounds					Ovalue
25) Chloroform	7.37	83	20696	2.359 ug/l	100

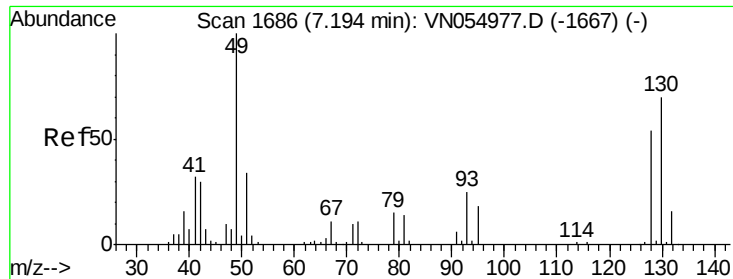
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055132.D

Acq: 19 Apr 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

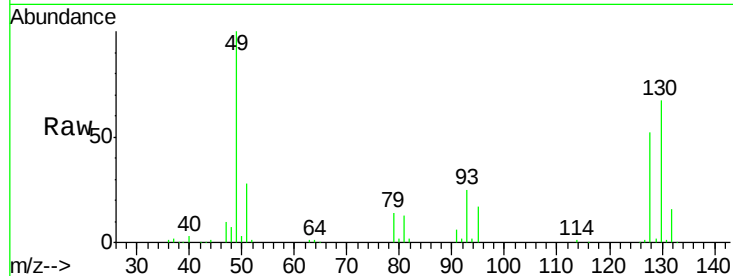
Tot Ion:128 Resp: 77481

Ion Ratio Lower Upper

128 100

49 191.9 0.0 480.3

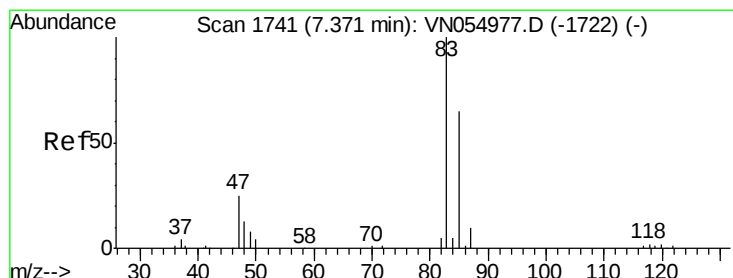
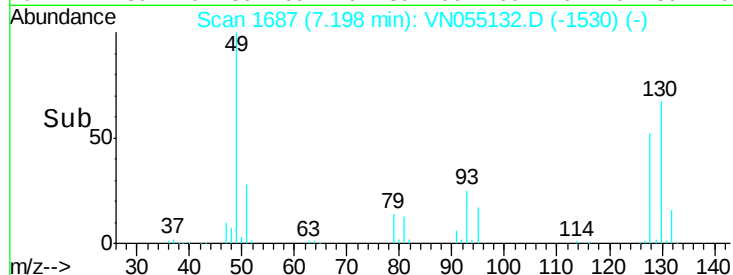
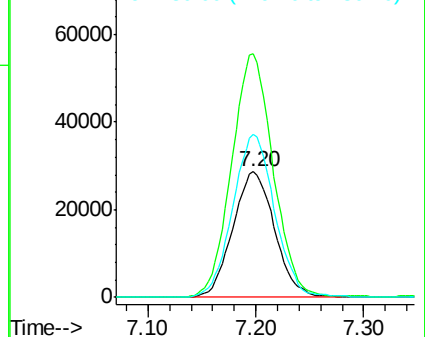
130 130.1 0.0 322.2



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



#25

Chloroform

Concen: 2.359 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN055132.D

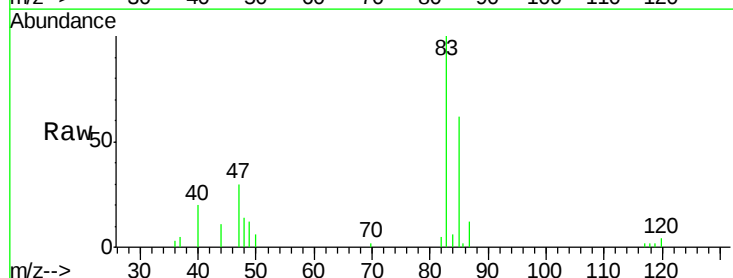
Acq: 19 Apr 2019 10:58

Tgt Ion: 83 Resp: 20696

Ion Ratio Lower Upper

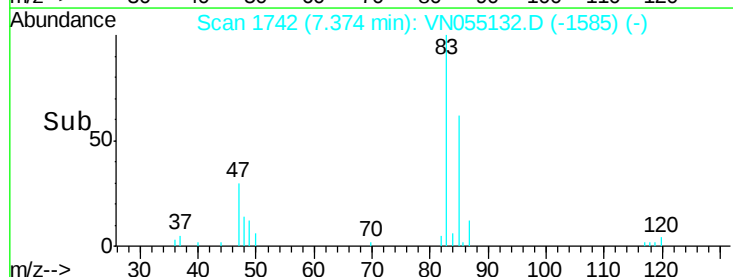
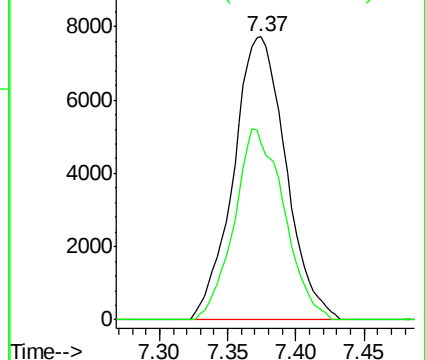
83 100

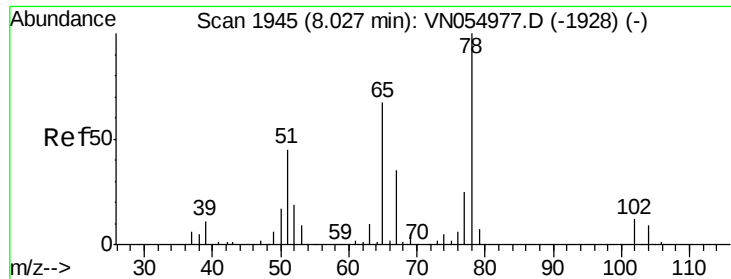
85 64.7 51.8 77.8



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

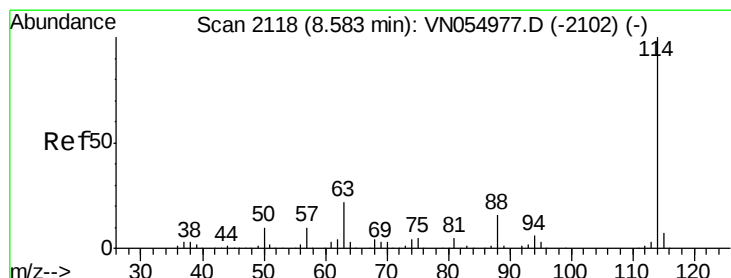
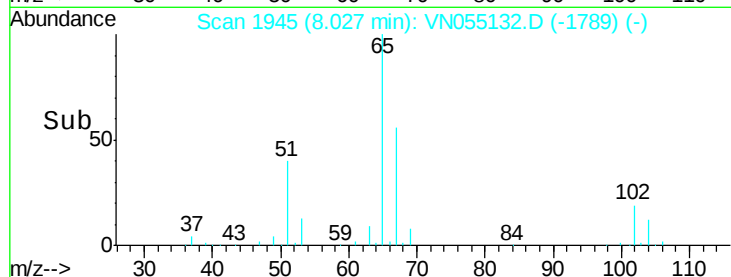
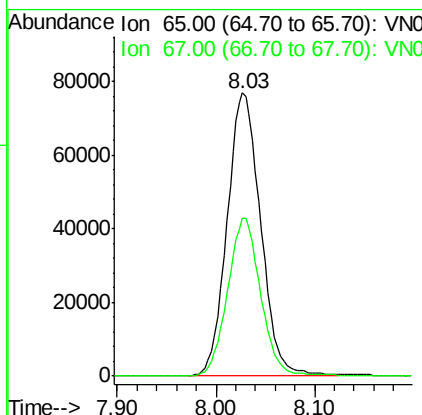
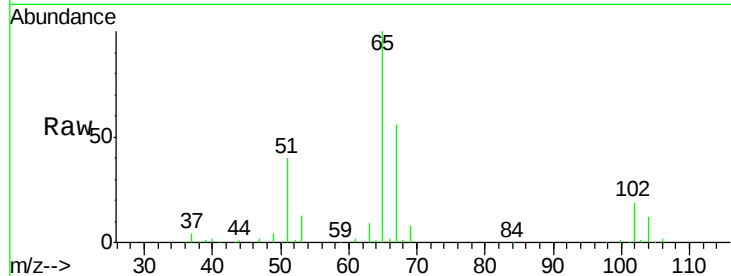




#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055132.D
 Acq: 19 Apr 2019 10:58

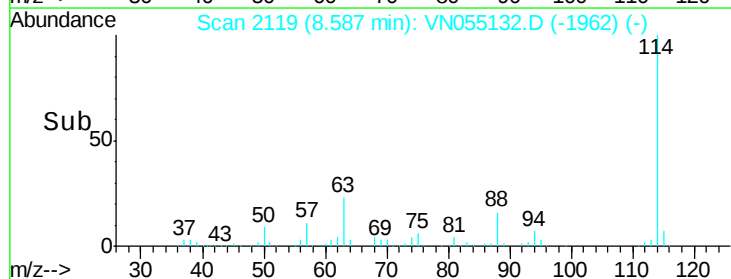
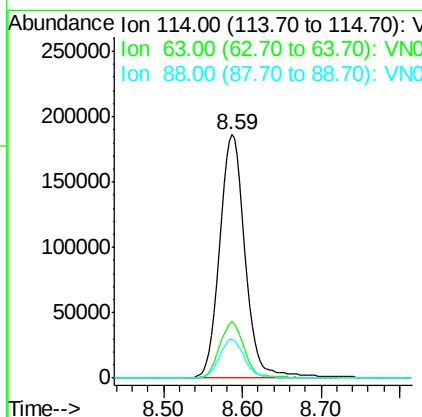
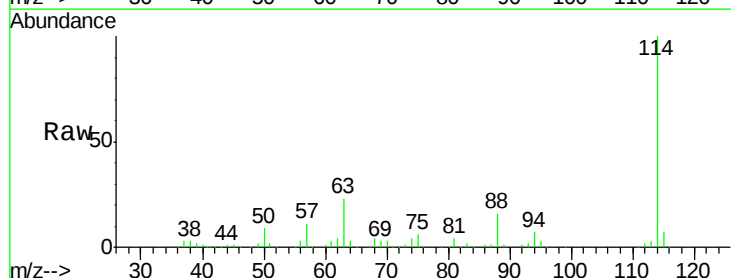
Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

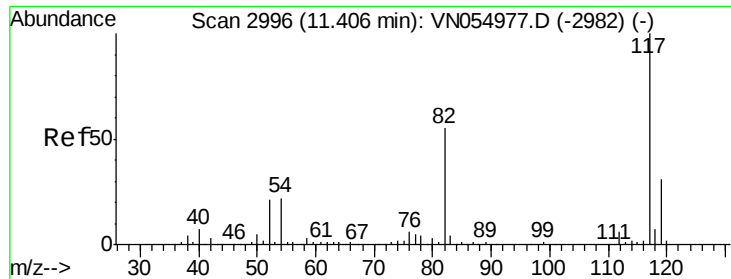
Tot Ion: 65 Resp: 182341
 Ion Ratio Lower Upper
 65 100
 67 54.7 41.8 62.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055132.D
 Acq: 19 Apr 2019 10:58

Tgt Ion: 114 Resp: 416775
 Ion Ratio Lower Upper
 114 100
 63 22.1 17.0 25.4
 88 15.5 12.3 18.5

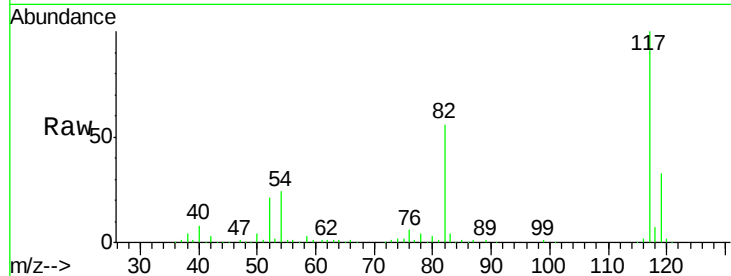




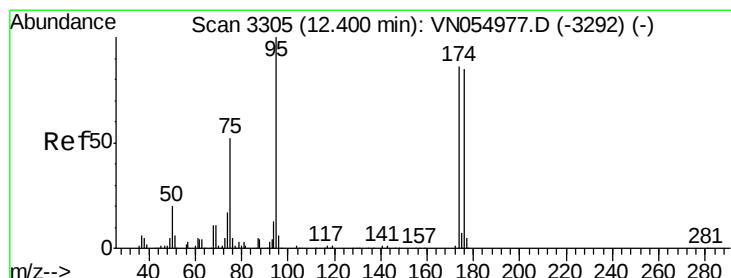
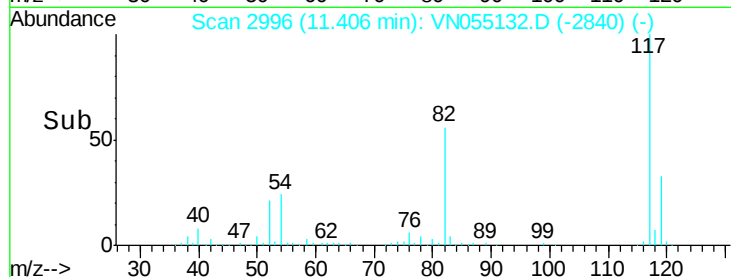
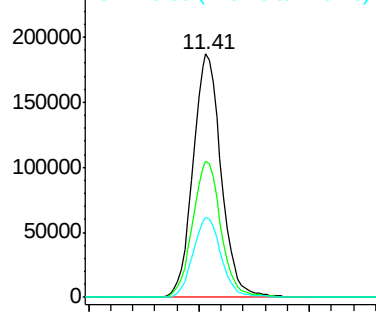
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055132.D
Acq: 19 Apr 2019 10:58

Instrument :
MSVOA_N
ClientSampled :
SPDES-1

Tot Ion:117 Resp: 330794
Ion Ratio Lower Upper
117 100
82 56.3 45.2 67.8
119 33.0 25.4 38.2

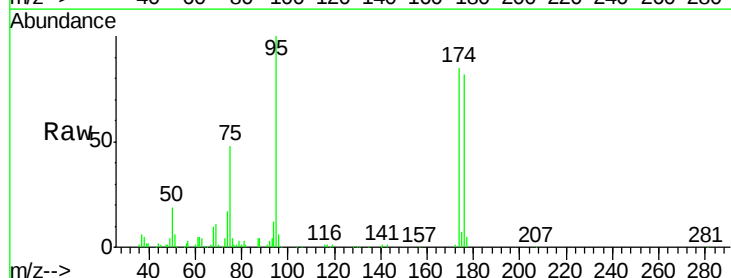


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

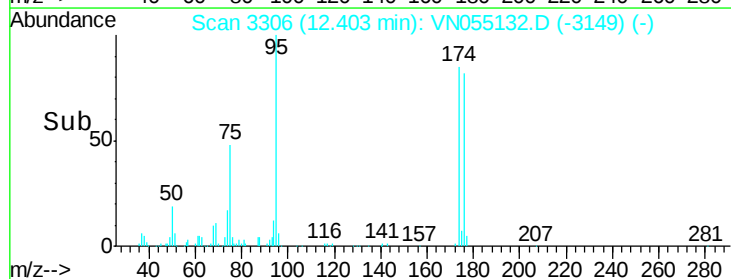
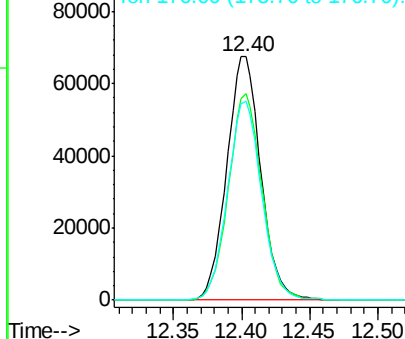


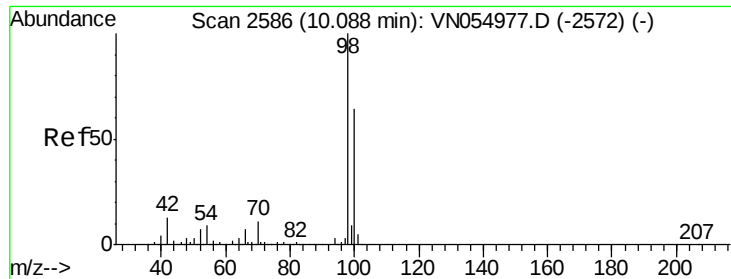
#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN055132.D
Acq: 19 Apr 2019 10:58

Tgt Ion: 95 Resp: 116827
Ion Ratio Lower Upper
95 100
174 83.2 69.4 104.2
176 81.7 67.4 101.2



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: VN055132.D

Acq: 19 Apr 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

Tot Ion: 98 Resp: 492281

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7

