

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053462.D
 Acq On : 18 Jan 2019 10:27
 Operator : JC/SP
 Sample : K1166-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 D-10

Quant Time: Jan 18 10:59:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N122818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 28 10:33:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	103089	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	542282	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	483401	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	198589	30.32	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.07%
60) 4-Bromofluorobenzene	12.40	95	200790	27.15	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	90.50%
63) Toluene-d8	10.09	98	632355	29.04	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.80%

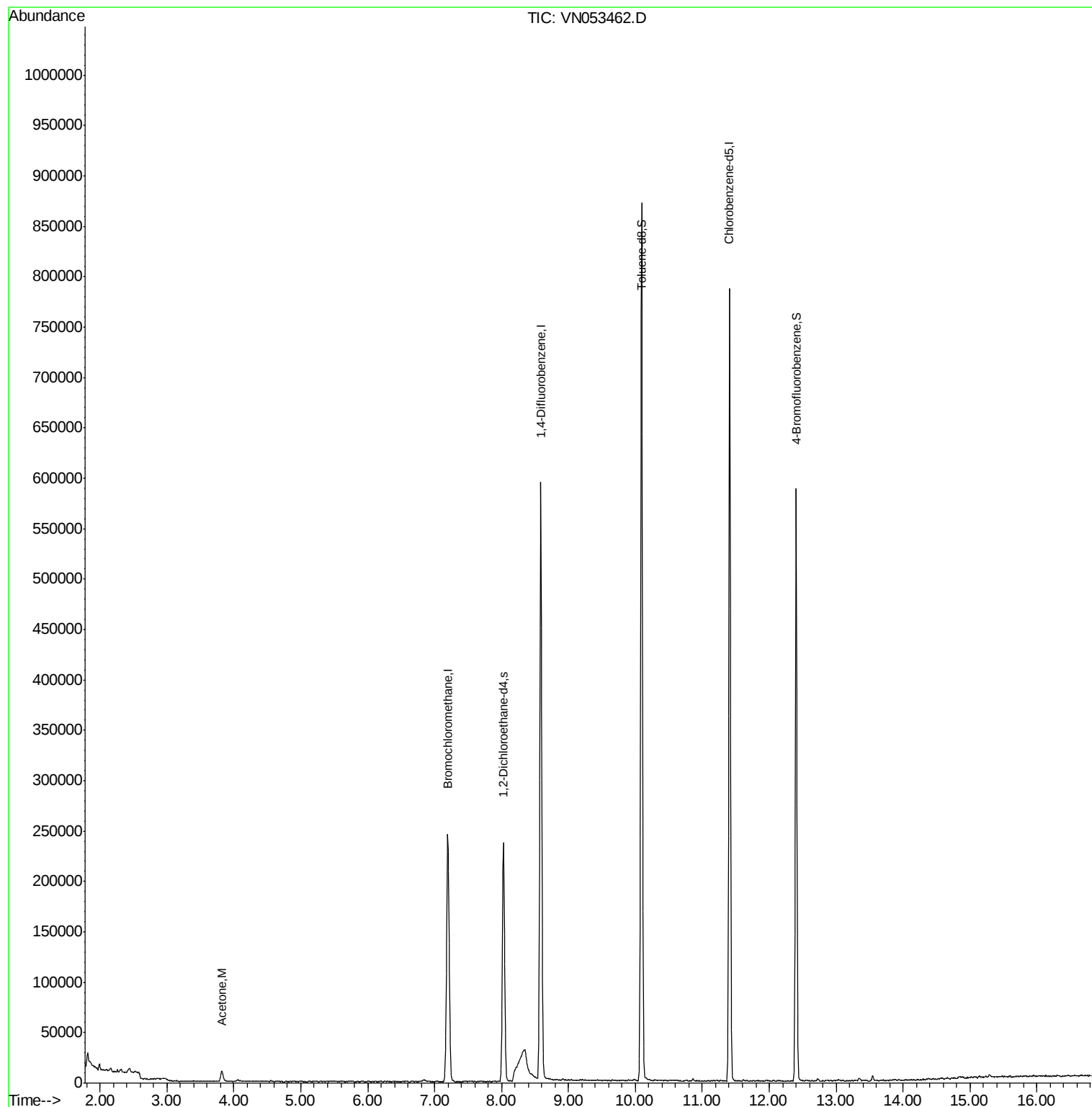
Target Compounds					Ovalue
15) Acetone	3.82	58	5897	13.248 ug/l	78

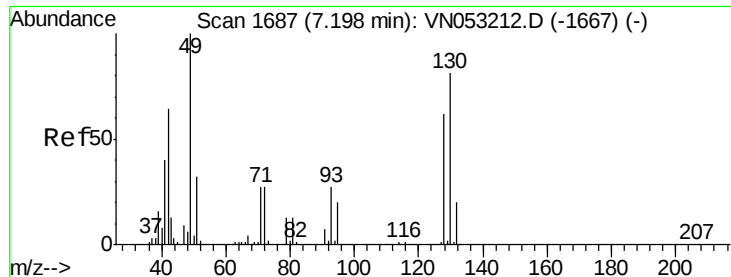
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

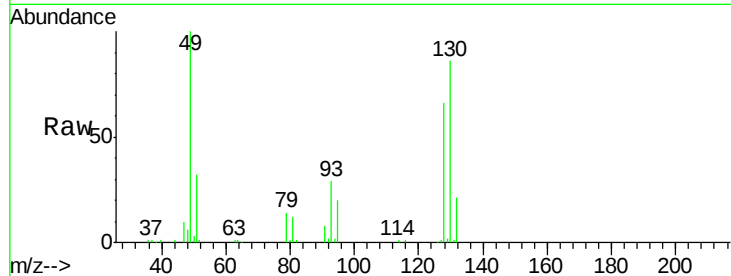
Delta R.T. -0.00 min

Lab File: VN053462.D

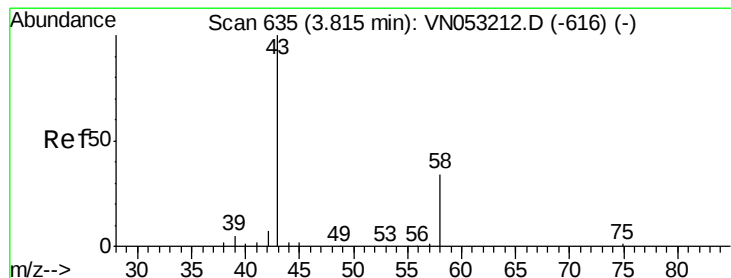
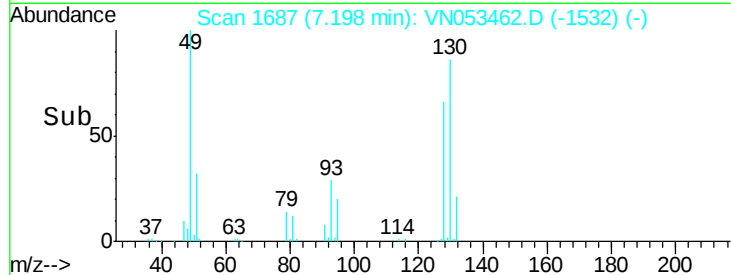
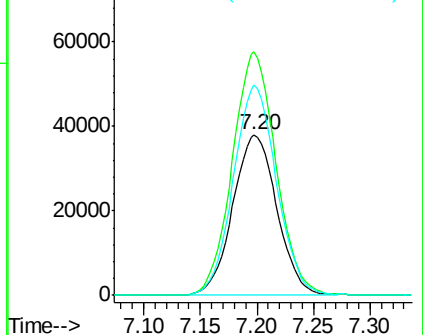
Acq: 18 Jan 2019 10:27

Instrument :
MSVOA_N
ClientSampled :
D-10

Tot Ion:	128	Resp:	103089
Ion	Ratio	Lower	Upper
128	100		
49	149.9	0.0	431.8
130	128.3	0.0	317.0



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: 13.248 ug/l

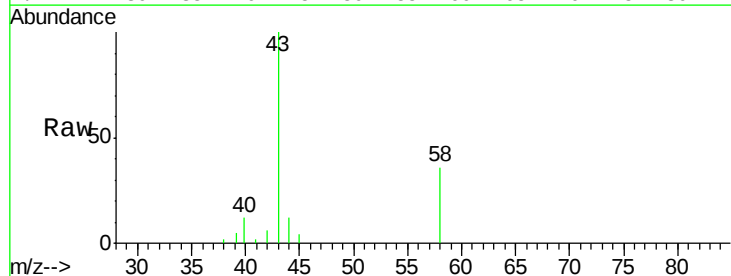
RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

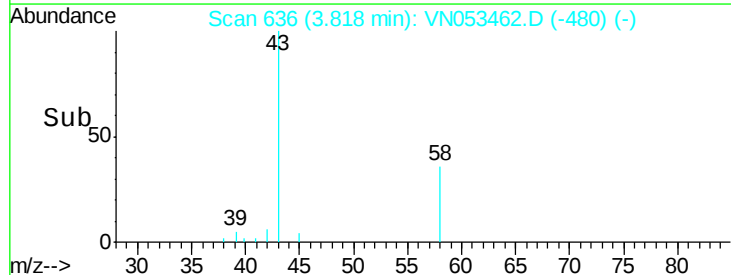
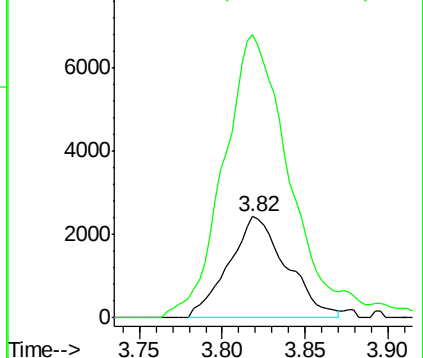
Lab File: VN053462.D

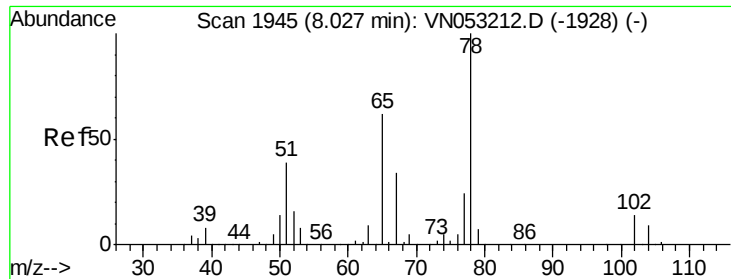
Acq: 18 Jan 2019 10:27

Tgt Ion:	58	Resp:	5897
Ion	Ratio	Lower	Upper
58	100		
43	261.0	243.6	365.4



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





#27

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053462.D

Acq: 18 Jan 2019 10:27

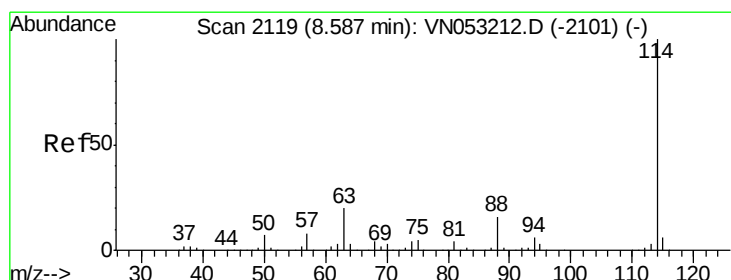
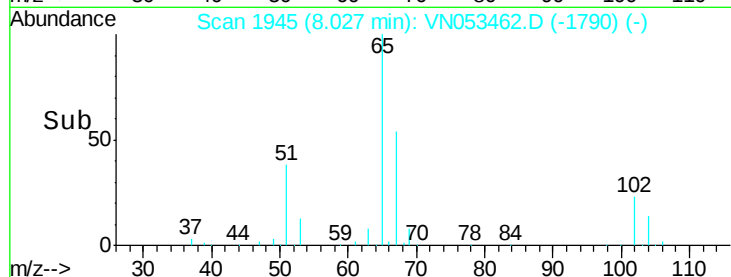
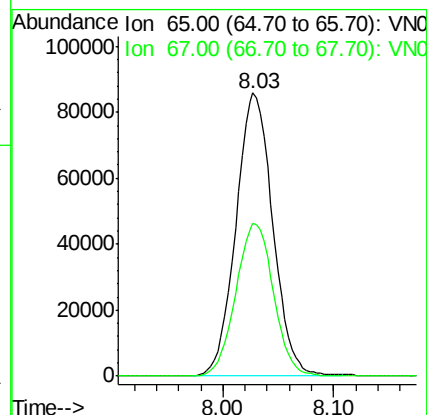
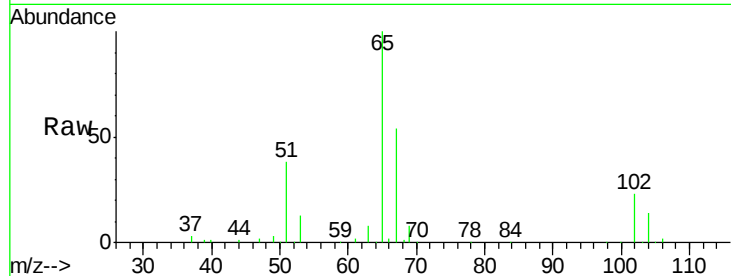
Instrument :
MSVOA_N
ClientSampleId :
D-10

Tot Ion: 65 Resp: 198589

Ion Ratio Lower Upper

65 100

67 54.9 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: VN053462.D

Acq: 18 Jan 2019 10:27

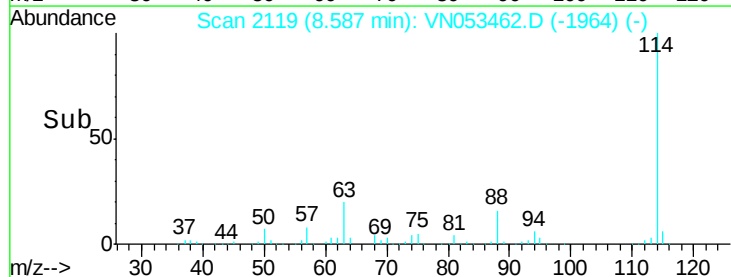
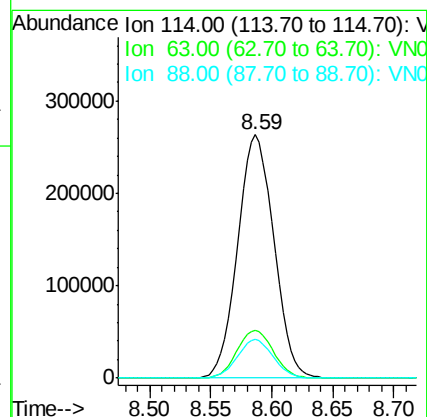
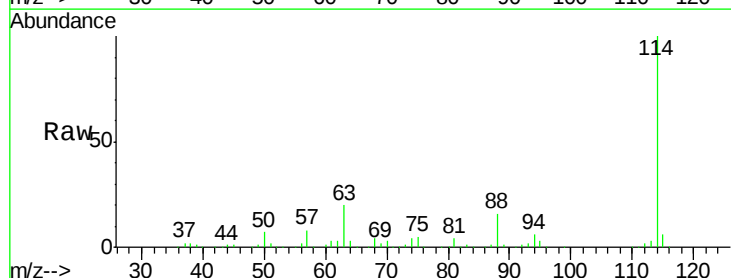
Tgt Ion: 114 Resp: 542282

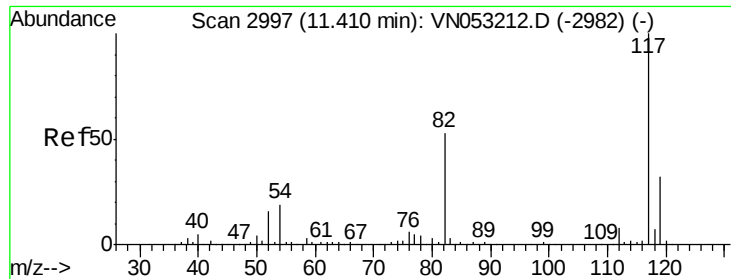
Ion Ratio Lower Upper

114 100

63 19.8 16.9 25.3

88 15.6 12.8 19.2

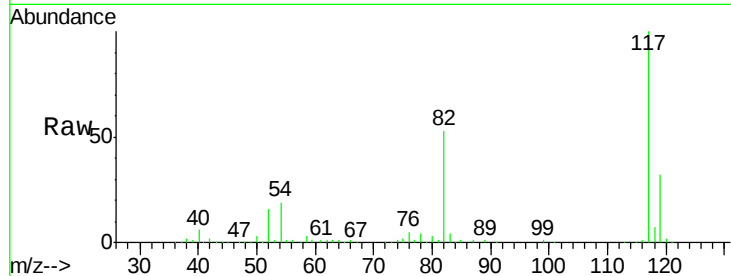




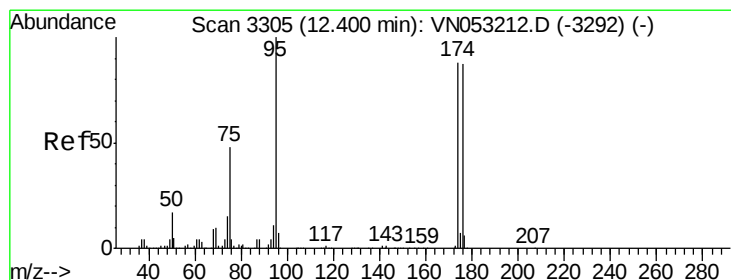
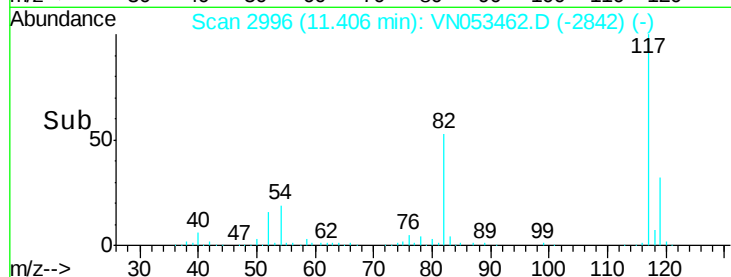
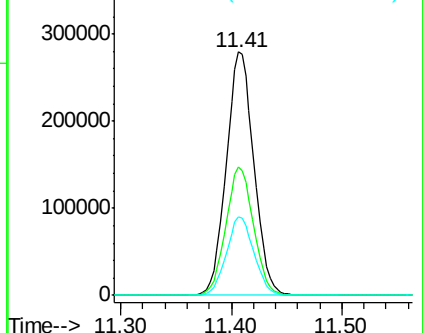
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053462.D
Acq: 18 Jan 2019 10:27

Instrument :
MSVOA_N
ClientSampled :
D-10

Tot Ion:117 Resp: 483401
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.2
119 32.0 25.4 38.2

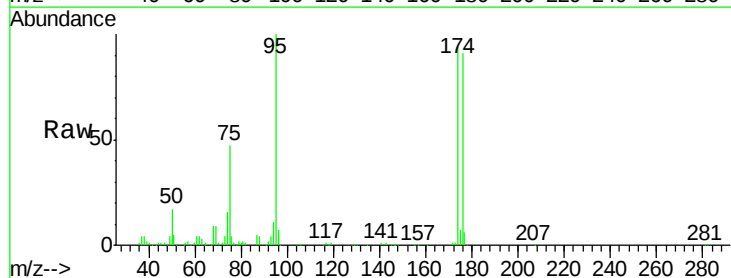


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

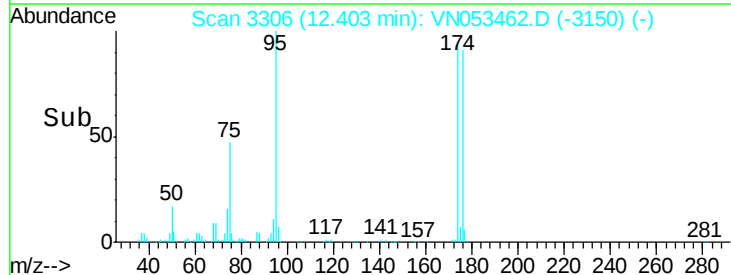
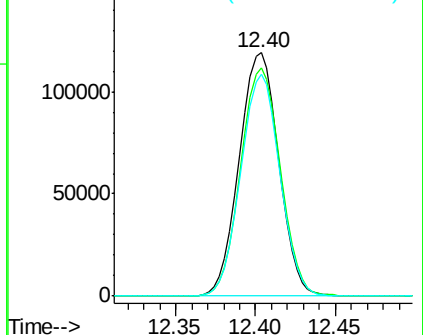


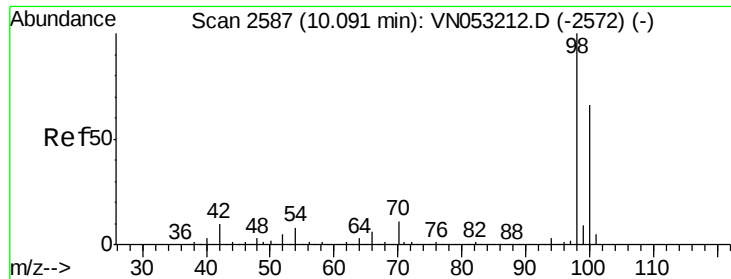
#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053462.D
Acq: 18 Jan 2019 10:27

Tgt Ion: 95 Resp: 200790
Ion Ratio Lower Upper
95 100
174 94.2 67.9 101.9
176 90.0 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 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053462.D

Acq: 18 Jan 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

D-10

Tot Ion: 98 Resp: 632355

Ion Ratio Lower Upper

98 100

100 64.1 51.1 76.7

