

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092118\
 Data File : VN051362.D
 Acq On : 21 Sep 2018 11:54
 Operator : MD\SY
 Sample : J5015-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

Quant Time: Sep 21 14:04:18 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	114854	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	582457	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	486949	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	206956	28.24	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.13%
60) 4-Bromofluorobenzene	12.40	95	158554	21.90	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	73.00%
63) Toluene-d8	10.09	98	656812	28.92	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.40%

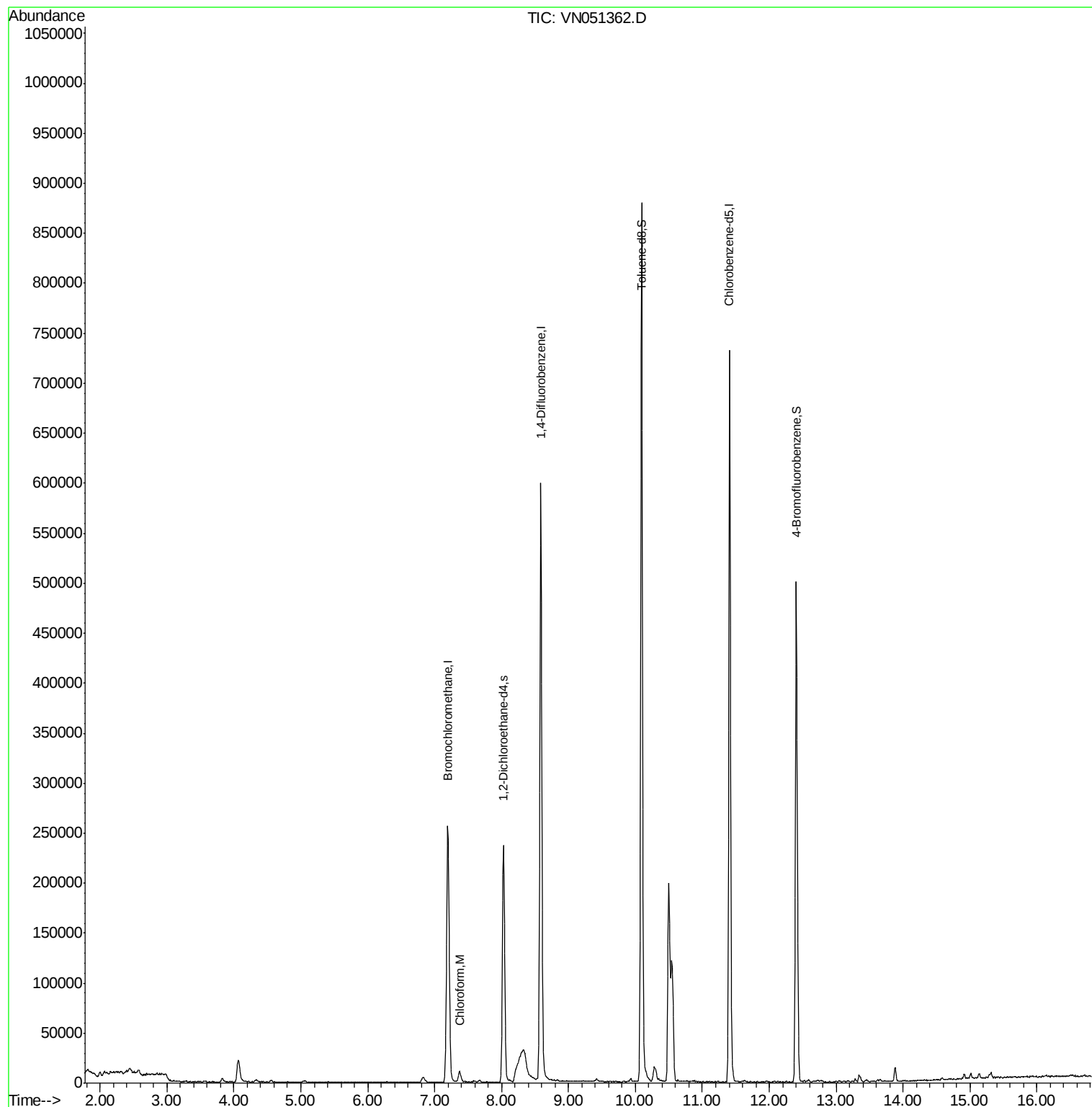
Target Compounds					Qvalue
25) Chloroform	7.37	83	11376	0.917 ug/l	98

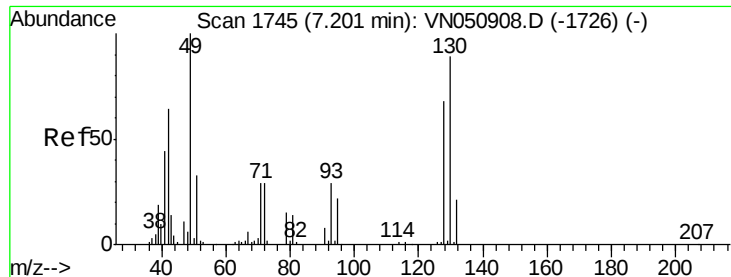
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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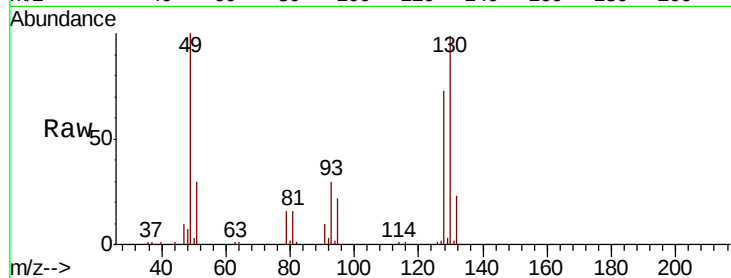




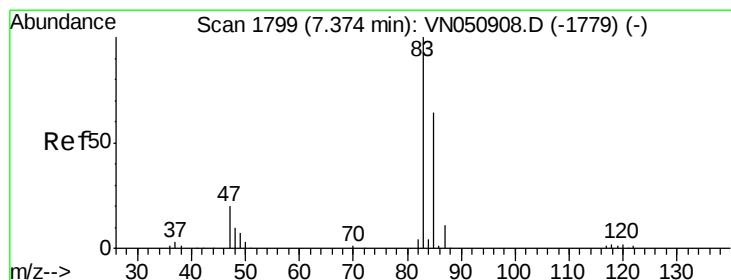
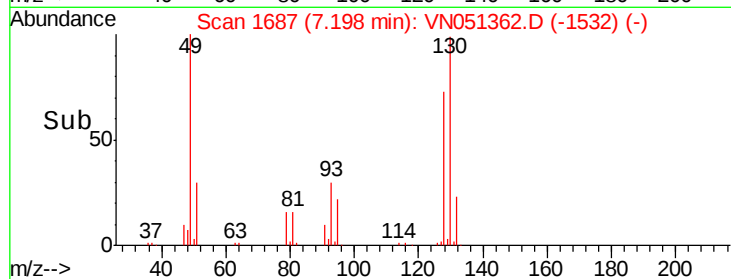
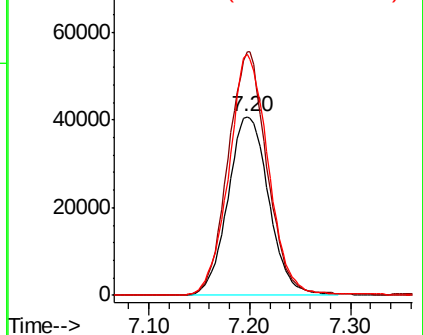
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: VN051362.D
 Acq: 21 Sep 2018 11:54

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

Tgt Ion: 128 Resp: 114854
 Ion Ratio Lower Upper
 128 100
 49 130.4 0.0 380.3
 130 129.6 0.0 325.3

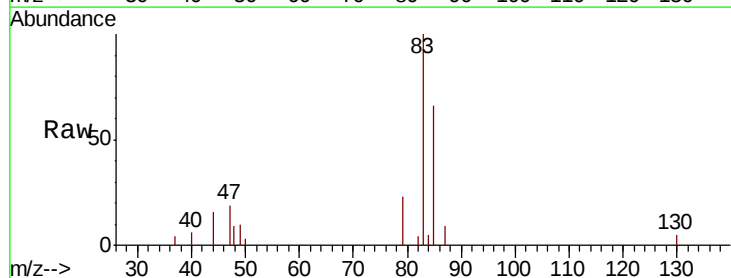


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

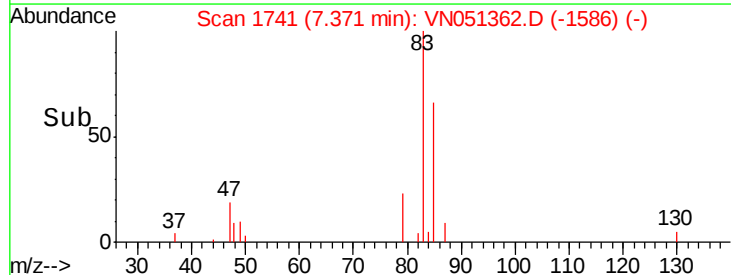
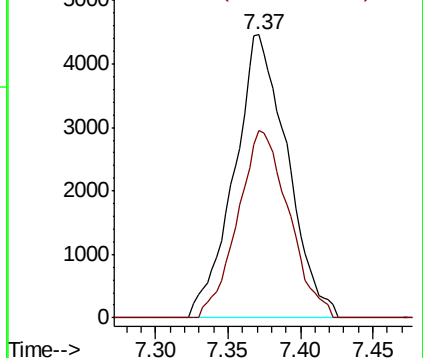


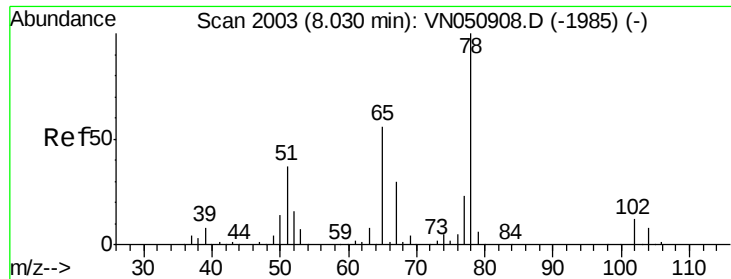
#25
 Chloroform
 Concen: 0.917 ug/l
 RT: 7.37 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VN051362.D
 Acq: 21 Sep 2018 11:54

Tgt Ion: 83 Resp: 11376
 Ion Ratio Lower Upper
 83 100
 85 66.1 51.4 77.0



Abundance Ion 83.00 (82.70 to 83.70): VN
 Ion 85.00 (84.70 to 85.70): VN





#27

1,2-Dichloroethane-d4

Concen: 28.237 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051362.D

Acq: 21 Sep 2018 11:54

Instrument :

MSVOA_N

ClientSampleId :

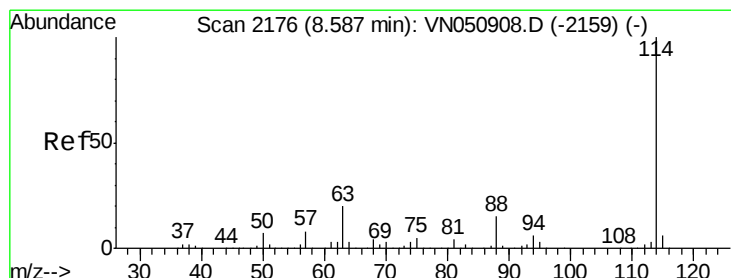
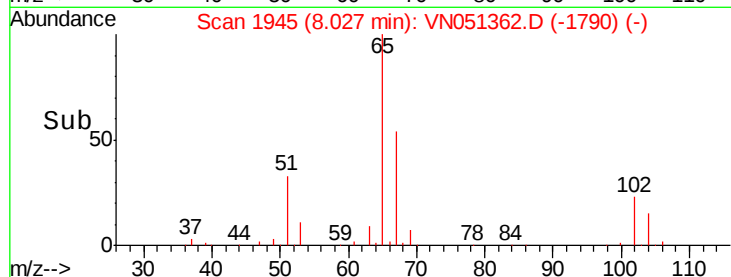
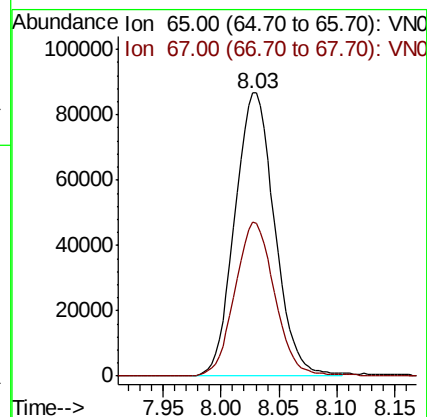
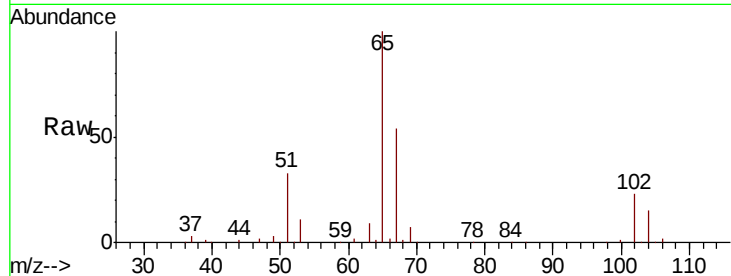
SPDES-1

Tgt Ion: 65 Resp: 206956

Ion Ratio Lower Upper

65 100

67 54.3 43.7 65.5



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051362.D

Acq: 21 Sep 2018 11:54

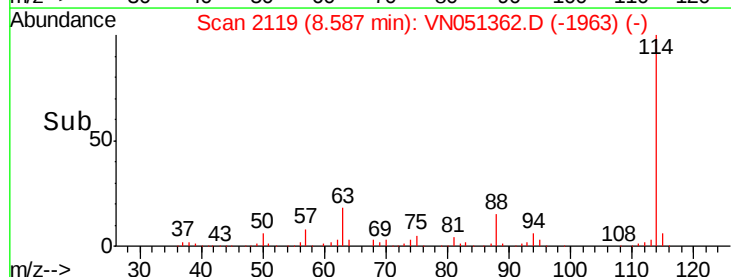
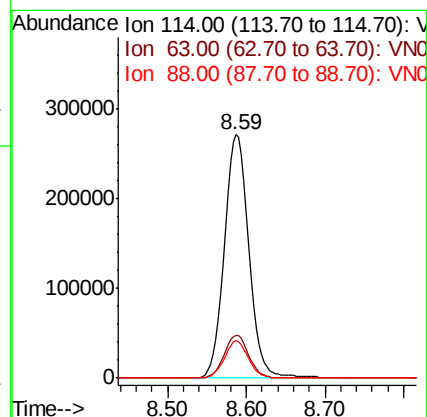
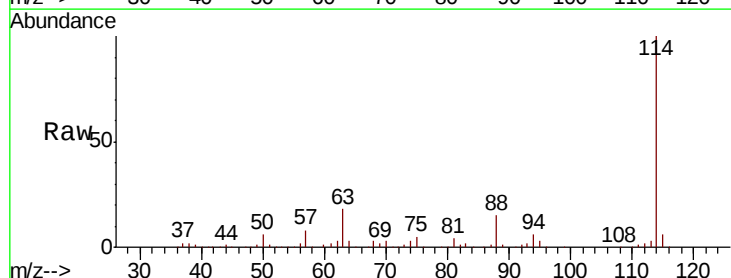
Tgt Ion: 114 Resp: 582457

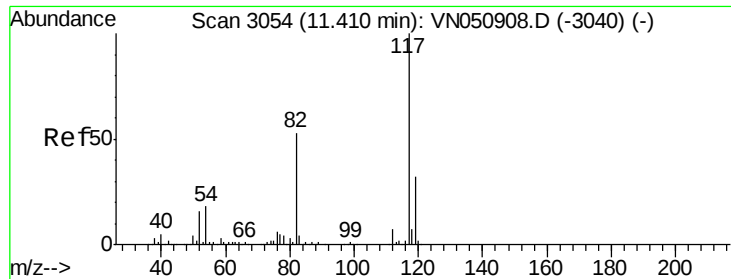
Ion Ratio Lower Upper

114 100

63 17.5 15.6 23.4

88 14.9 12.2 18.4

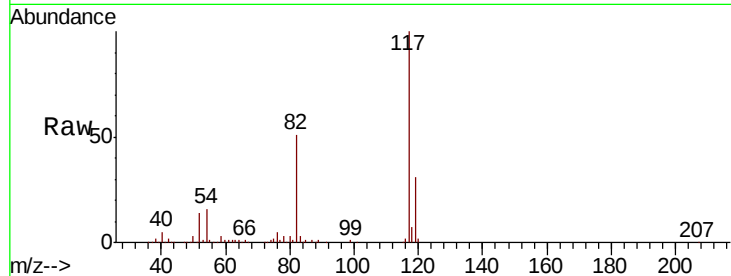




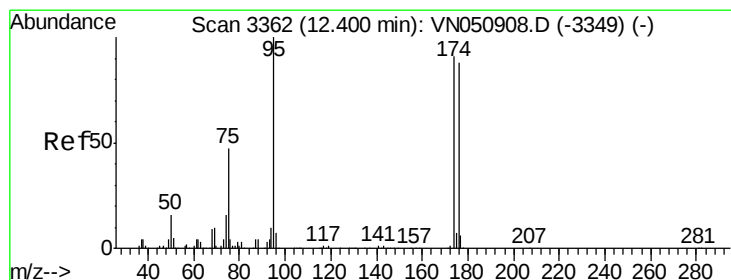
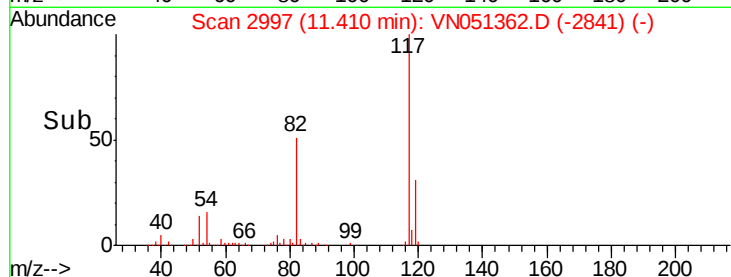
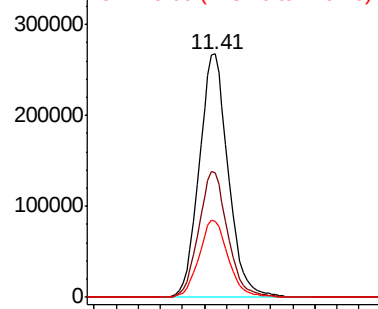
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051362.D
Acq: 21 Sep 2018 11:54

Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

Tgt Ion:117 Resp: 486949
Ion Ratio Lower Upper
117 100
82 51.7 42.6 64.0
119 32.0 25.7 38.5

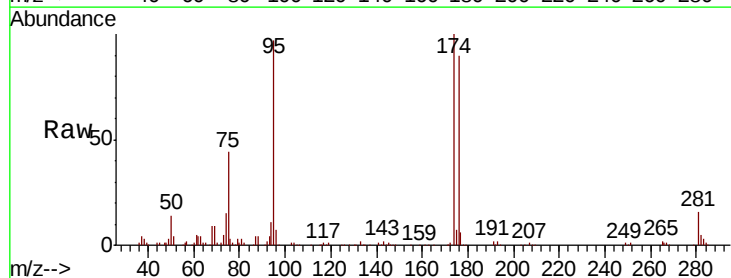


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

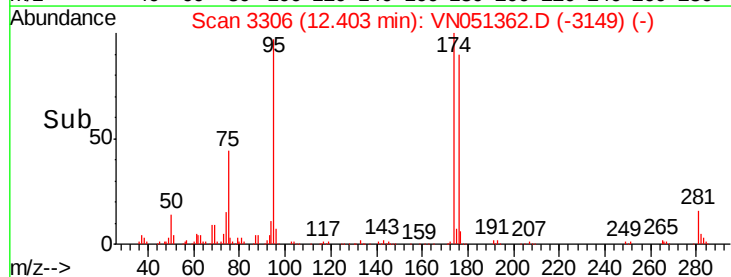
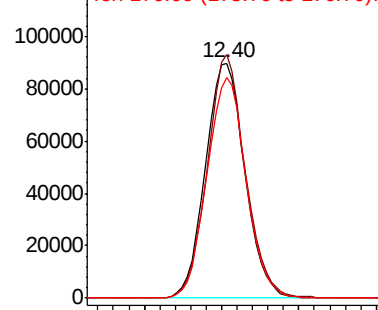


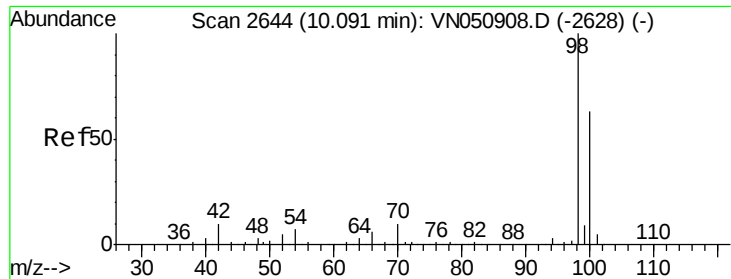
#60
4-Bromofluorobenzene
Concen: 21.896 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051362.D
Acq: 21 Sep 2018 11:54

Tgt Ion: 95 Resp: 158554
Ion Ratio Lower Upper
95 100
174 99.9 74.6 112.0
176 93.4 71.5 107.3



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





#63

Toluene-d8

Concen: 28.924 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051362.D

Acq: 21 Sep 2018 11:54

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

Tgt Ion: 98 Resp: 656812

Ion Ratio Lower Upper

98 100

100 63.5 50.6 75.8

