

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050718.D
 Acq On : 17 Aug 2018 9:37
 Operator : MD\SY
 Sample : J4527-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

Quant Time: Aug 17 14:32:40 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA N\methods\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	113979	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	568052	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	469179	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	226882	29.29	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.63%
60) 4-Bromofluorobenzene	12.40	95	152822	21.20	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	70.67%
63) Toluene-d8	10.09	98	661109	29.50	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.33%

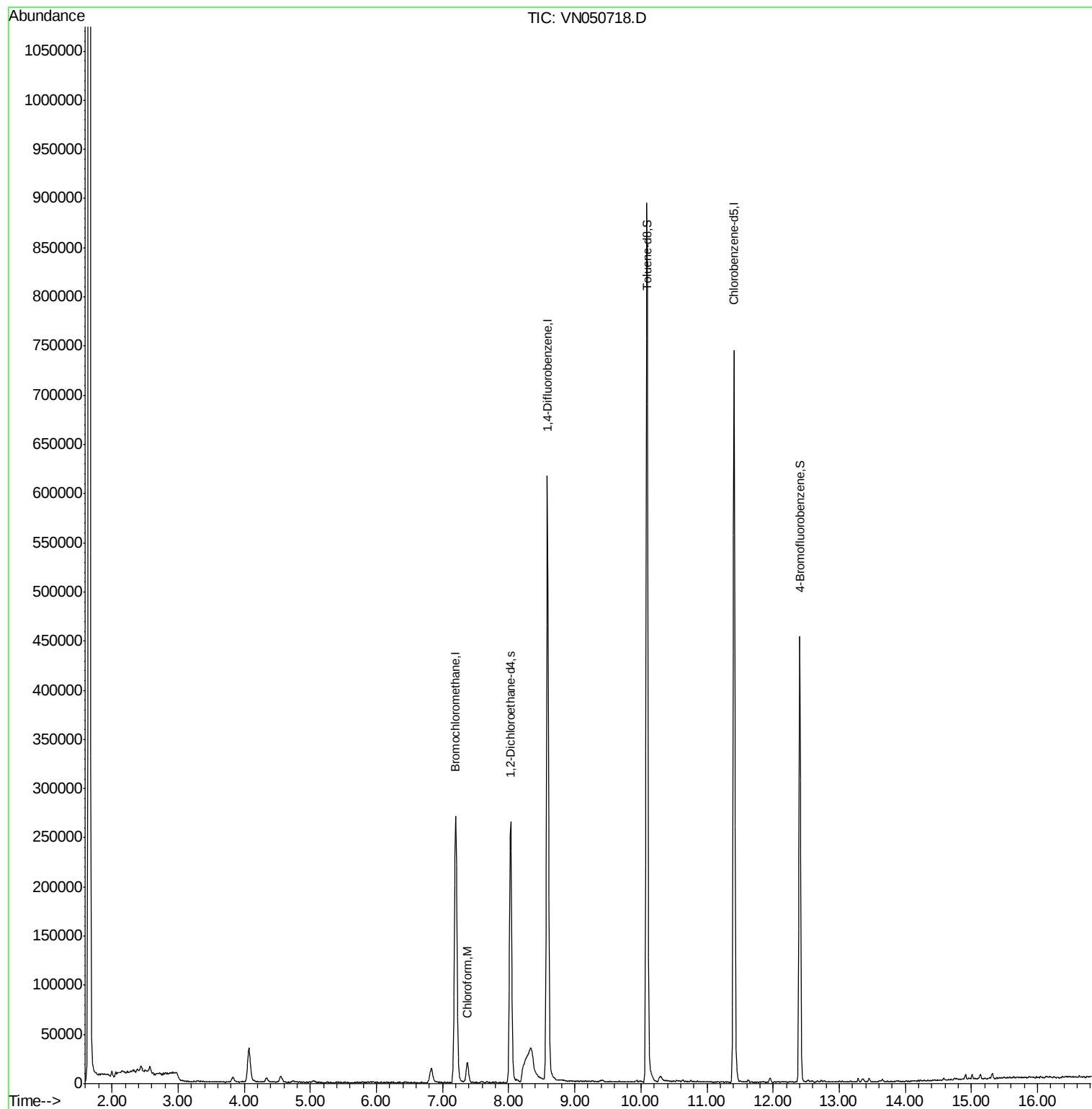
Target Compounds					Ovalue
25) Chloroform	7.37	83	22490	1.80 ug/l	86

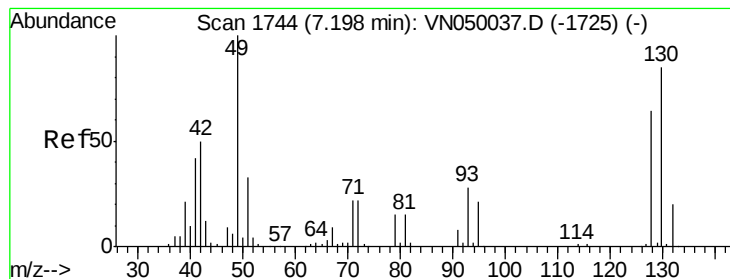
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
Data File : VN050718.D
Acq On : 17 Aug 2018 9:37
Operator : MD\SY
Sample : J4527-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

Quant Time: Aug 17 14:32:40 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA N\methods\624N072518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 26 15:21:50 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN050718.D

Acq: 17 Aug 2018 9:37

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

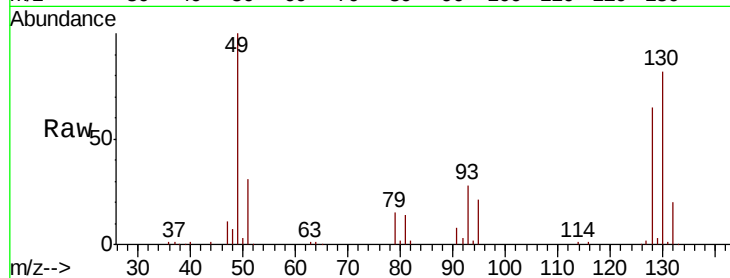
Tot Ion:128 Resp: 113979

Ion Ratio Lower Upper

128 100

49 150.9 0.0 378.3

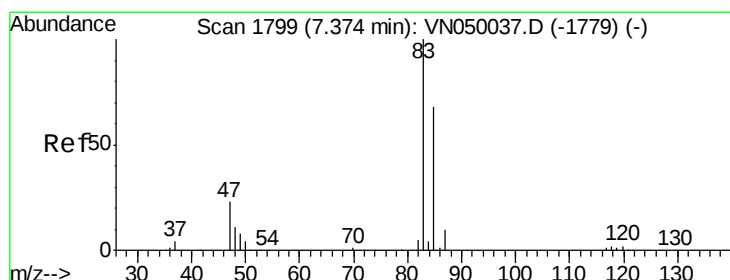
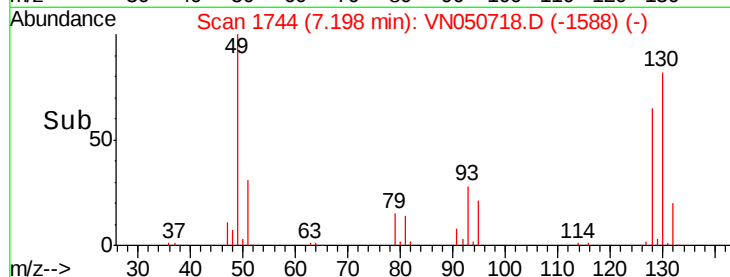
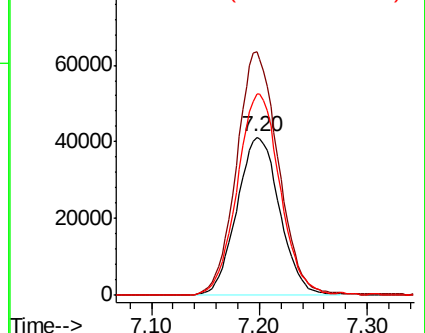
130 127.0 0.0 320.7



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: 1.80 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN050718.D

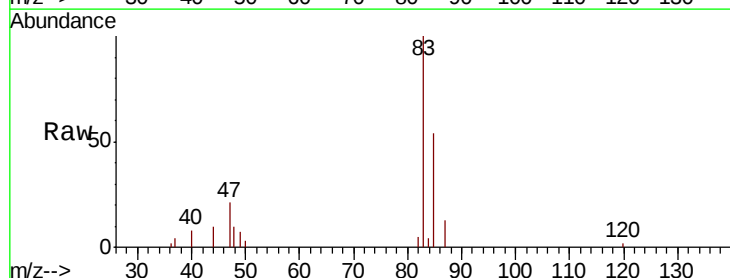
Acq: 17 Aug 2018 9:37

Tgt Ion: 83 Resp: 22490

Ion Ratio Lower Upper

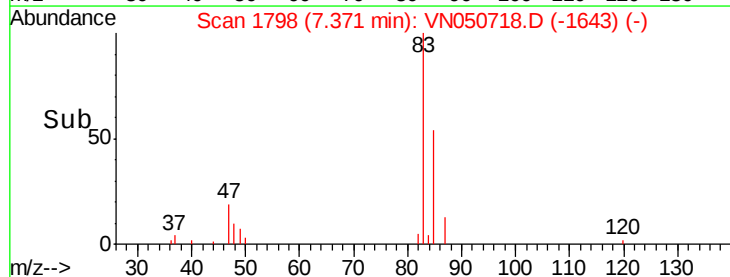
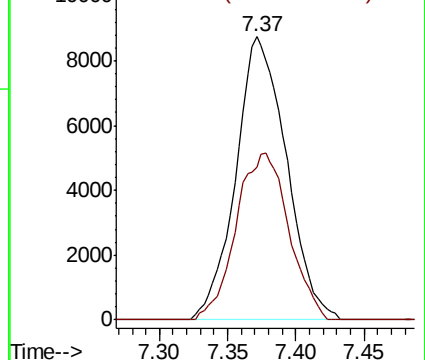
83 100

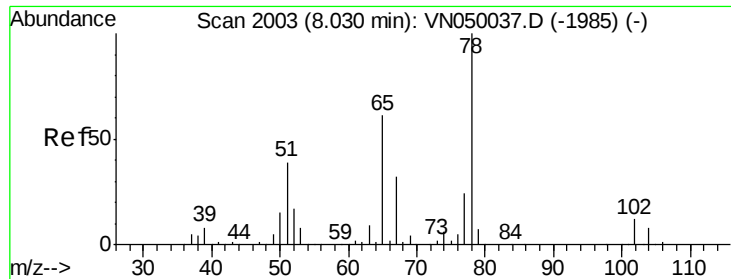
85 54.1 52.1 78.1



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: 29.29 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050718.D

Acq: 17 Aug 2018 9:37

Instrument :

MSVOA_N

ClientSampleId :

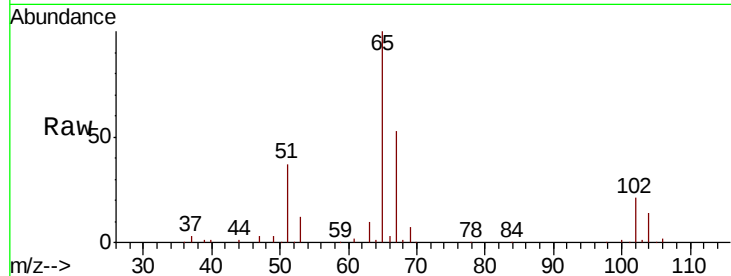
SPDES-1

Tot Ion: 65 Resp: 226882

Ion Ratio Lower Upper

65 100

67 53.8 42.7 64.1



Abundance Ion 65.00 (64.70 to 65.70): VN050718.D (-2003) (-)

Ion 67.00 (66.70 to 67.70): VN050718.D (-2003) (-)

8.03

100000

80000

60000

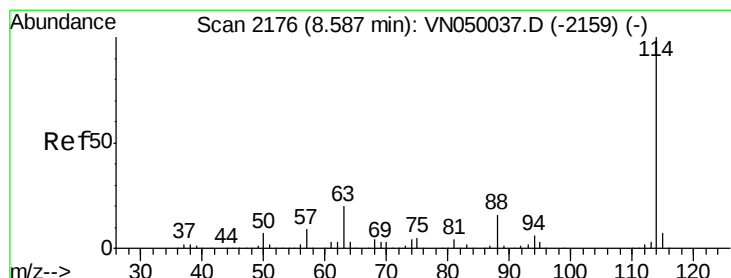
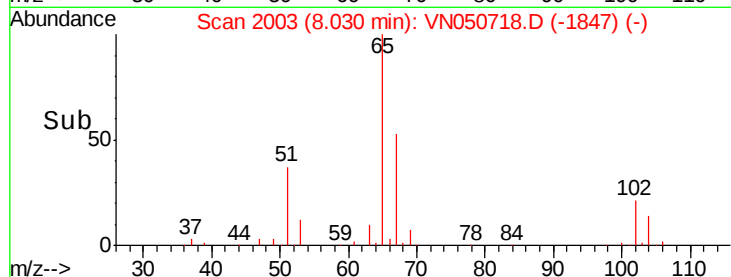
40000

20000

0

8.00 8.10

Time-->



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN050718.D

Acq: 17 Aug 2018 9:37

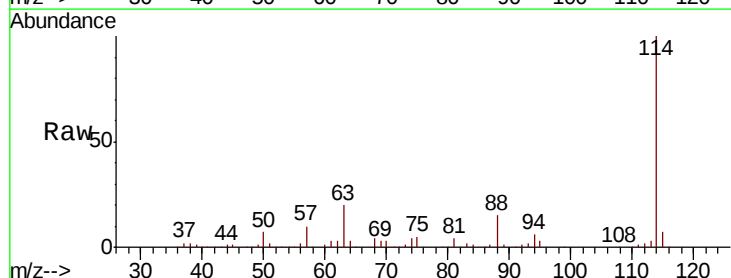
Tgt Ion: 114 Resp: 568052

Ion Ratio Lower Upper

114 100

63 19.8 16.2 24.2

88 15.6 12.3 18.5



Abundance Ion 114.00 (113.70 to 114.70): VN050718.D (-2176) (-)

Ion 63.00 (62.70 to 63.70): VN050718.D (-2176) (-)

Ion 88.00 (87.70 to 88.70): VN050718.D (-2176) (-)

8.59

300000

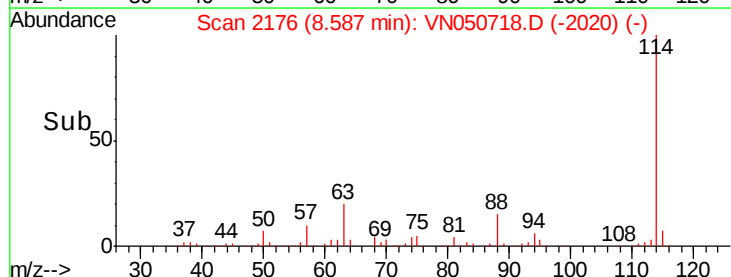
200000

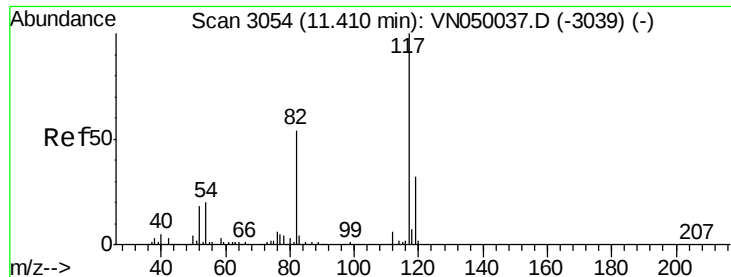
100000

0

8.50 8.60 8.70

Time-->

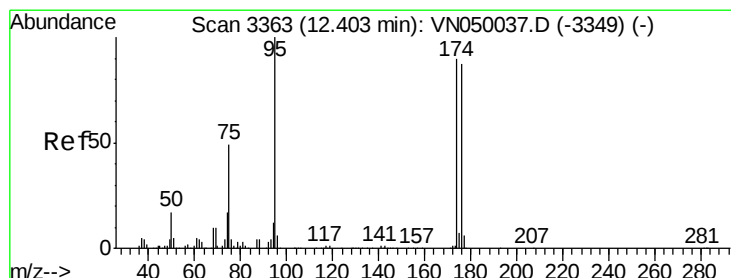
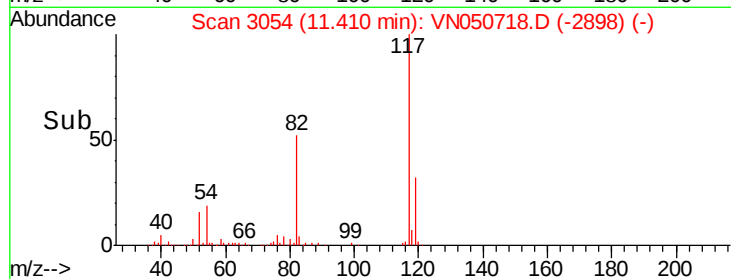
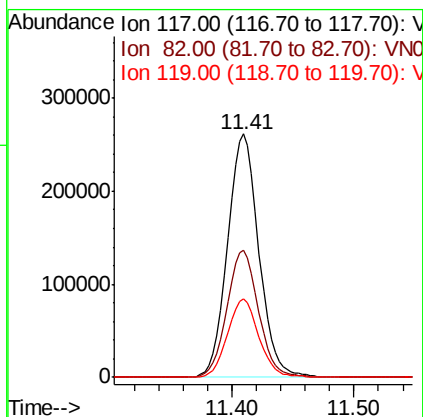
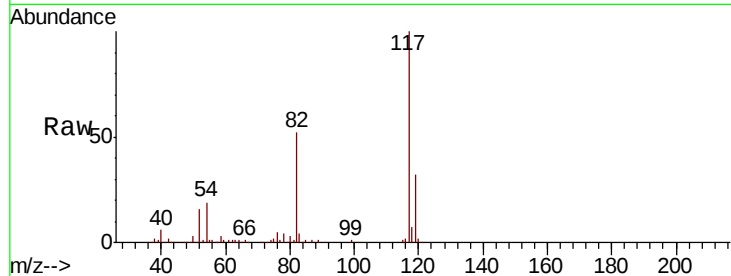




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050718.D
Acq: 17 Aug 2018 9:37

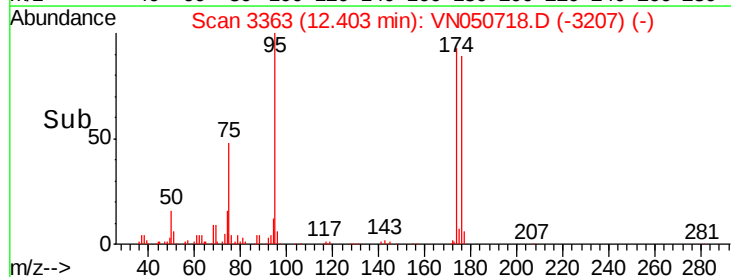
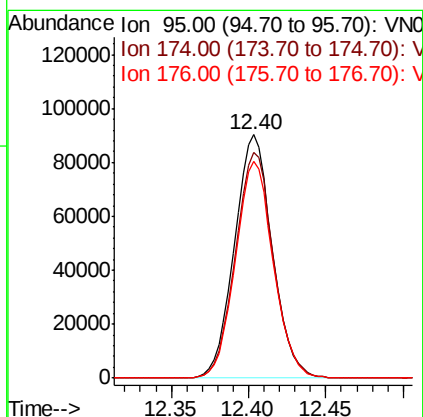
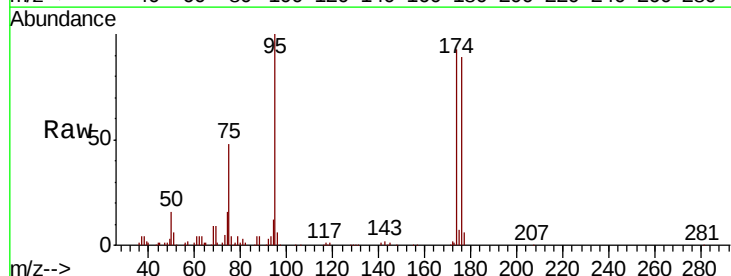
Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

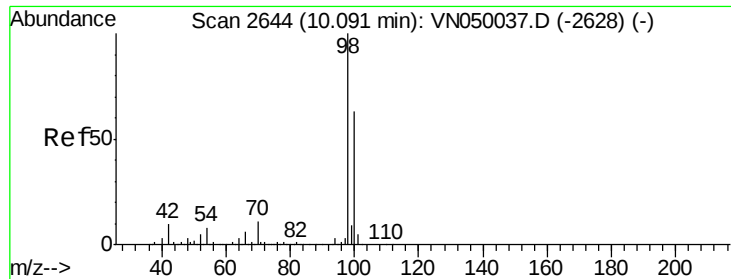
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.4	63.6
119	32.2	25.4	38.0



#60
4-Bromofluorobenzene
Concen: 21.20 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050718.D
Acq: 17 Aug 2018 9:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.5	72.3	108.5
176	89.4	70.0	105.0





#63

Toluene-d8

Concen: 29.50 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050718.D

Acq: 17 Aug 2018 9:37

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

Tot Ion: 98 Resp: 661109

Ion Ratio Lower Upper

98 100

100 62.9 51.2 76.8

