

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
 Data File : VN051919.D
 Acq On : 18 Oct 2018 16:28
 Operator : MD\SY
 Sample : J5594-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

Quant Time: Oct 19 07:13:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 12 10:23:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	149693	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	824332	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	663617	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	275583	30.26	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.87%
60) 4-Bromofluorobenzene	12.40	95	216232	22.60	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	75.33%
63) Toluene-d8	10.09	98	914529	31.74	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	105.80%

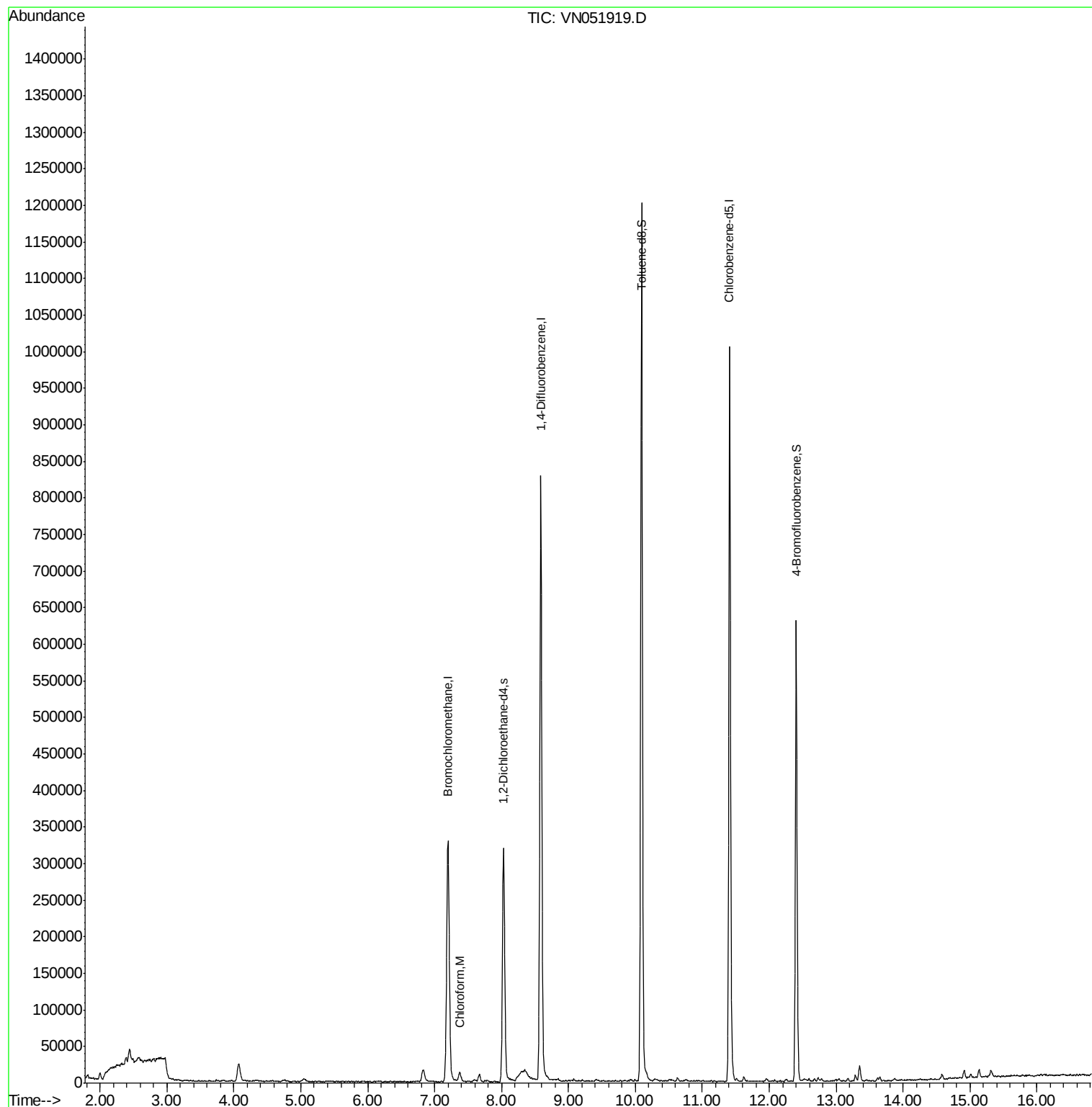
Target Compounds					Qvalue
25) Chloroform	7.38	83	12675	0.84 ug/l	# 83

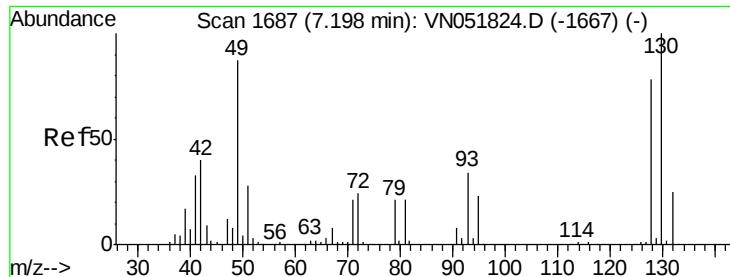
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN051919.D

Acq: 18 Oct 2018 16:28

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

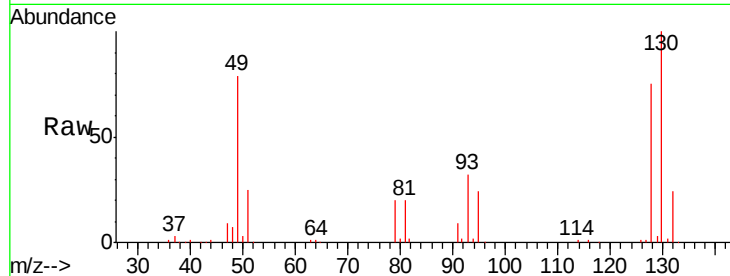
Tgt Ion:128 Resp: 149693

Ion Ratio Lower Upper

128 100

49 106.4 0.0 403.3

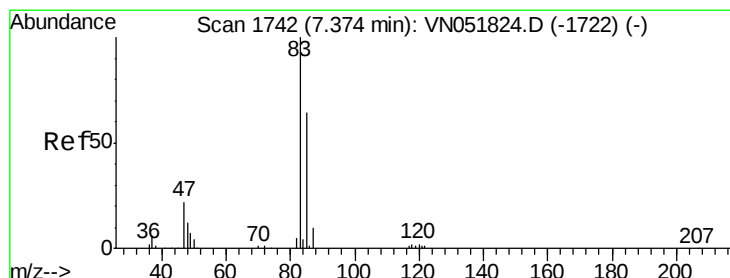
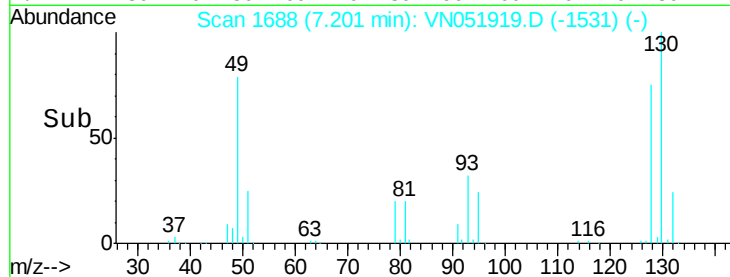
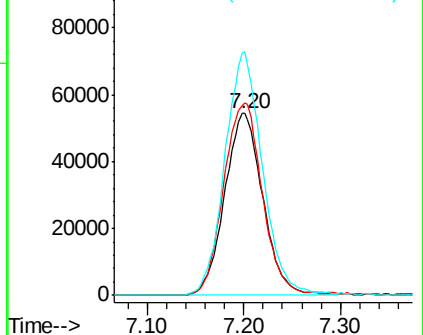
130 130.9 0.0 326.0



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: 0.84 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.00 min

Lab File: VN051919.D

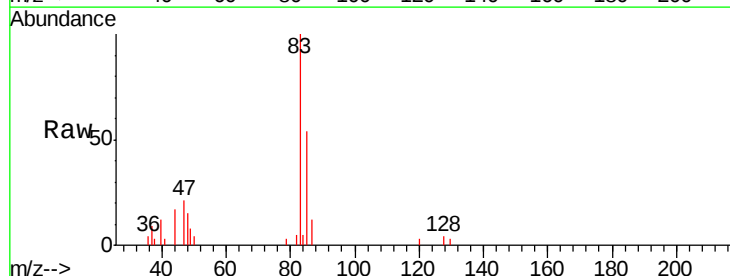
Acq: 18 Oct 2018 16:28

Tgt Ion: 83 Resp: 12675

Ion Ratio Lower Upper

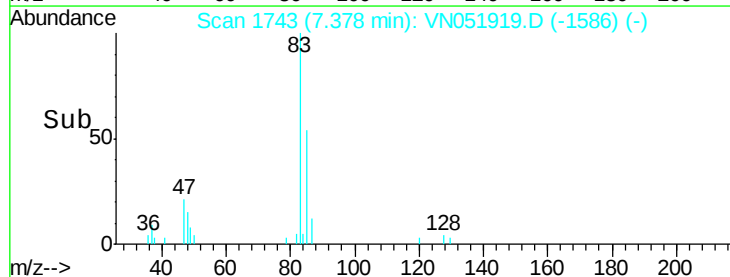
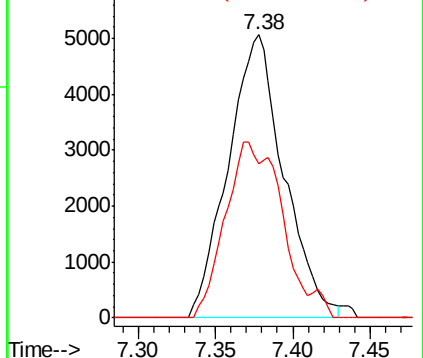
83 100

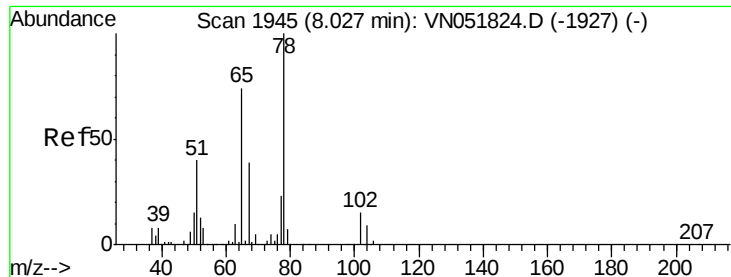
85 54.4 54.6 82.0#



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# 1946

Delta R.T. 0.00 min

Lab File: VN051919.D

Acq: 18 Oct 2018 16:28

Instrument :

MSVOA_N

ClientSampleId :

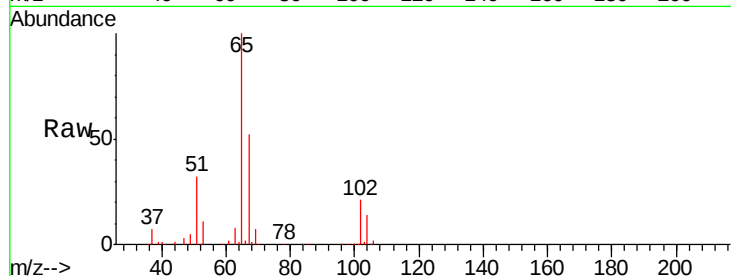
SPDES-1

Tgt Ion: 65 Resp: 275583

Ion Ratio Lower Upper

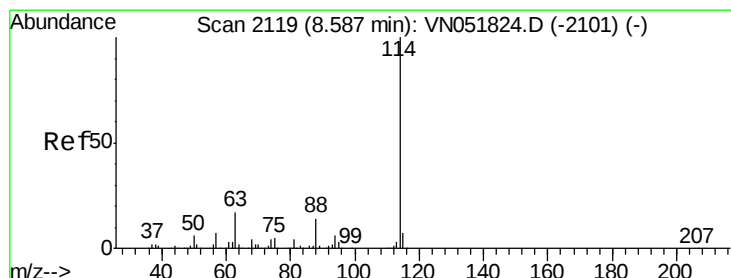
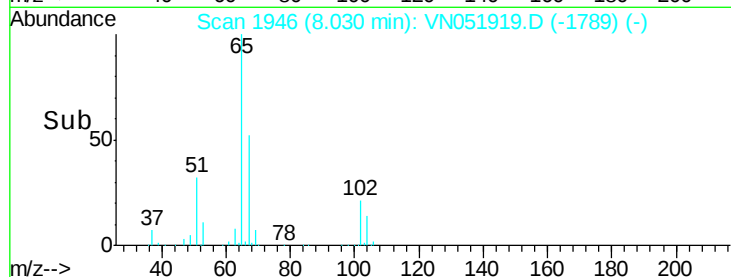
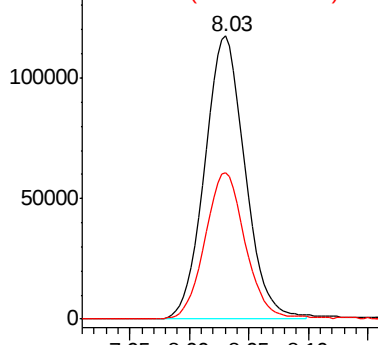
65 100

67 51.8 41.8 62.8



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051919.D

Acq: 18 Oct 2018 16:28

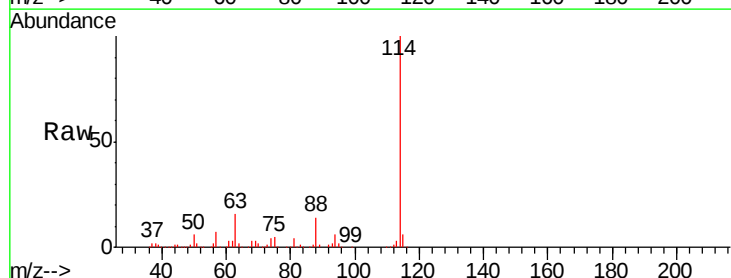
Tgt Ion: 114 Resp: 824332

Ion Ratio Lower Upper

114 100

63 16.0 16.2 24.2#

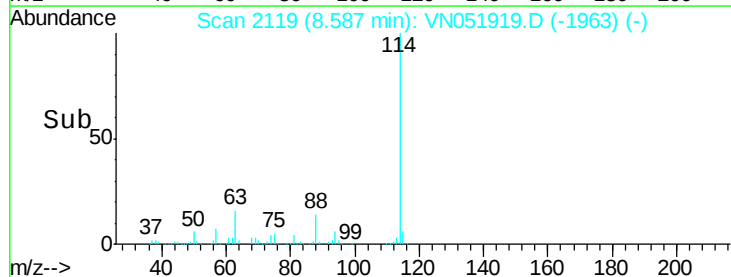
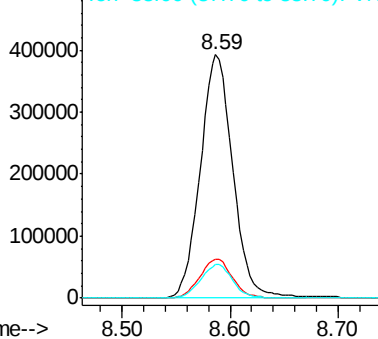
88 13.8 12.2 18.4

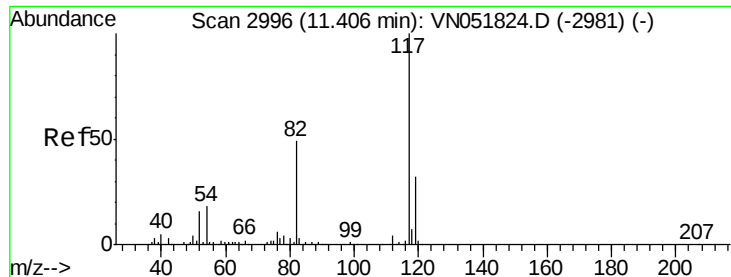


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0

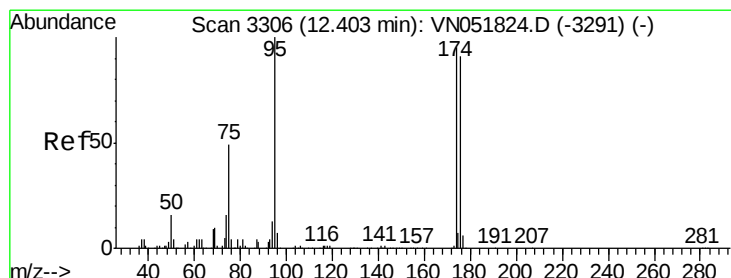
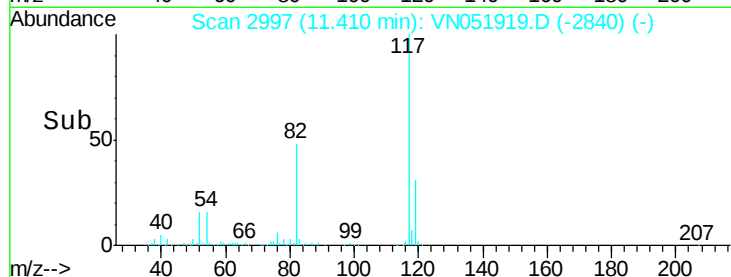
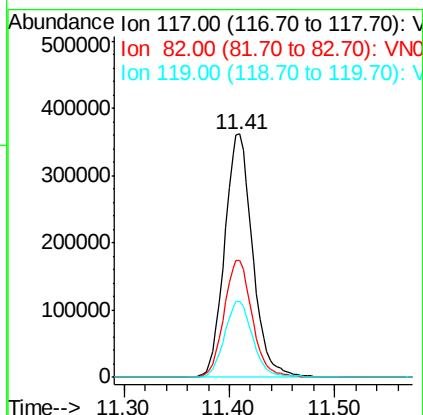
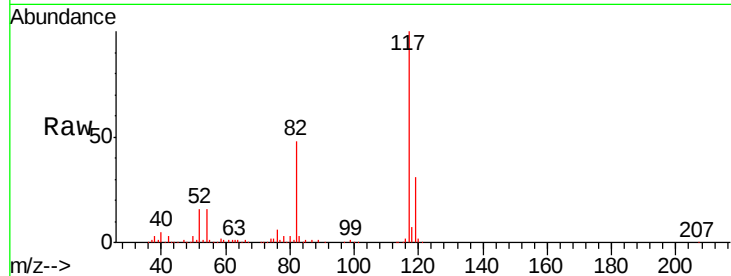




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051919.D
Acq: 18 Oct 2018 16:28

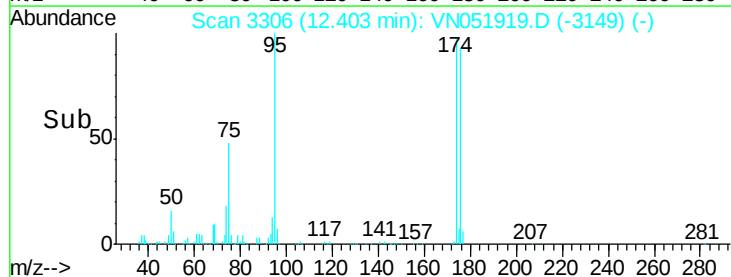
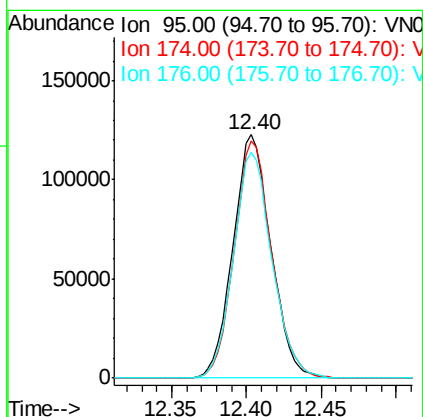
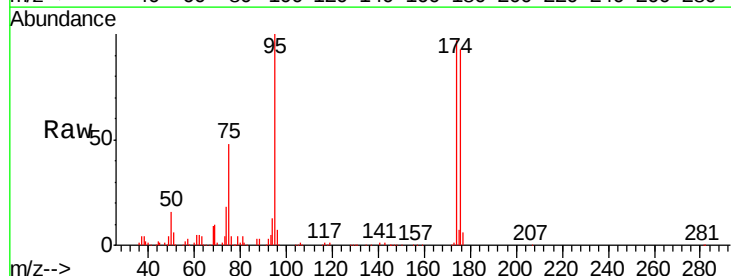
Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

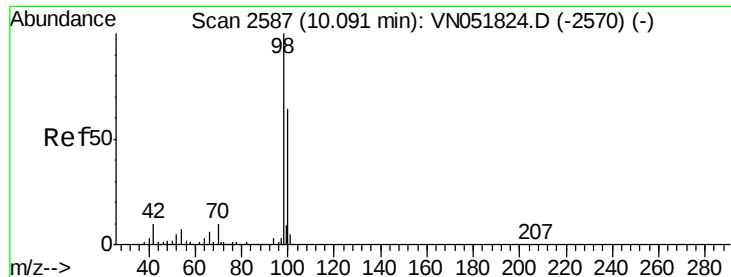
Tgt Ion: 117 Resp: 663617
Ion Ratio Lower Upper
117 100
82 48.5 44.1 66.1
119 31.6 25.8 38.8



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051919.D
Acq: 18 Oct 2018 16:28

Tgt Ion: 95 Resp: 216232
Ion Ratio Lower Upper
95 100
174 96.6 73.5 110.3
176 93.9 70.2 105.2





#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051919.D

Acq: 18 Oct 2018 16:28

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

Tgt Ion: 98 Resp: 914529

Ion Ratio Lower Upper

98 100

100 62.6 50.8 76.2

