

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083018\
 Data File : VN050974.D
 Acq On : 30 Aug 2018 20:23
 Operator : MD\SY
 Sample : J4728-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

Quant Time: Aug 31 09:57:16 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	106914	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	558826	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	433721	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	214047	31.37	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.57%
60) 4-Bromofluorobenzene	12.40	95	132181	20.49	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	68.30%
63) Toluene-d8	10.09	98	618304	30.57	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.90%

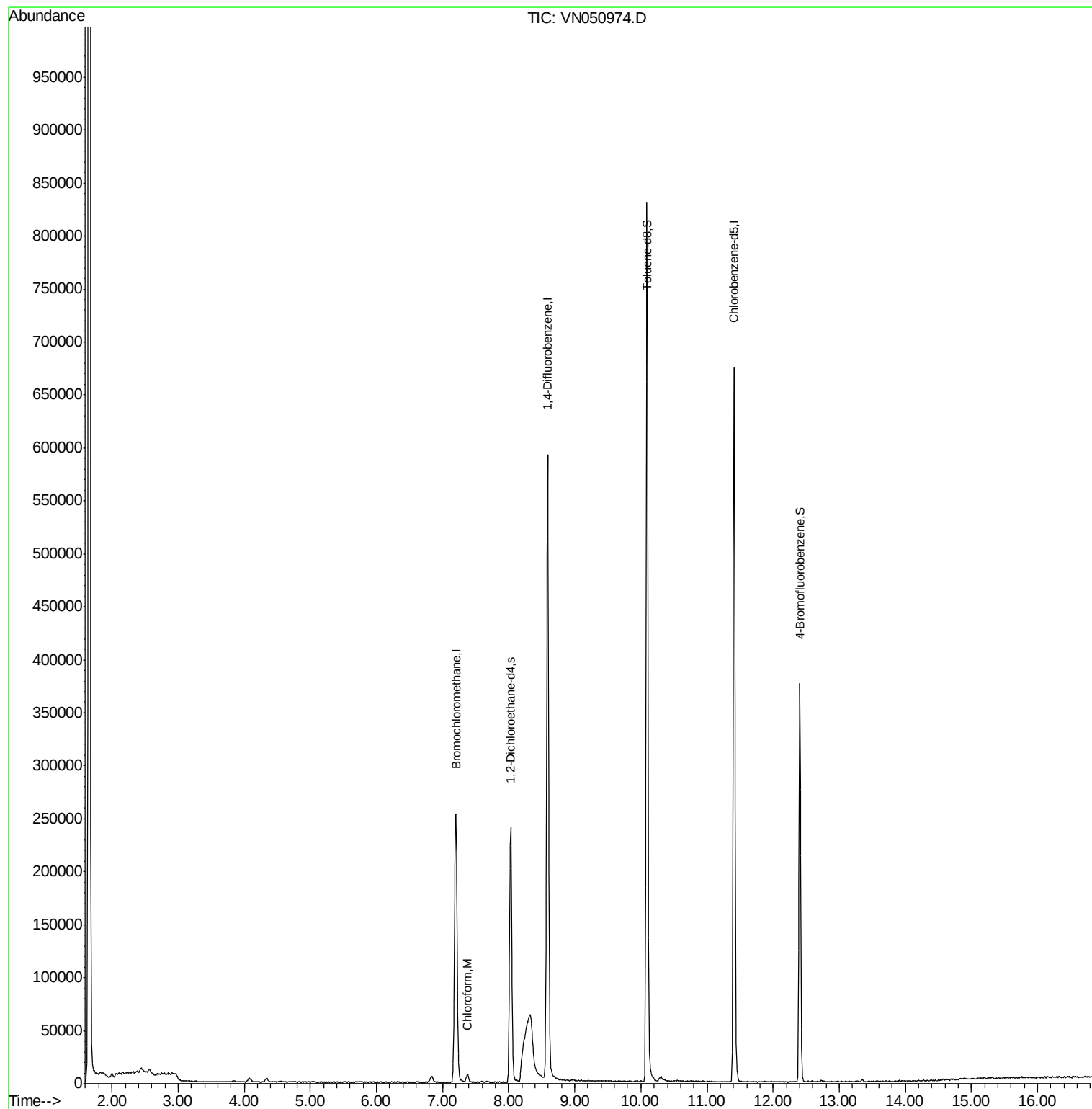
Target Compounds					Ovalue
25) Chloroform	7.38	83	8417	0.73 ug/l	97

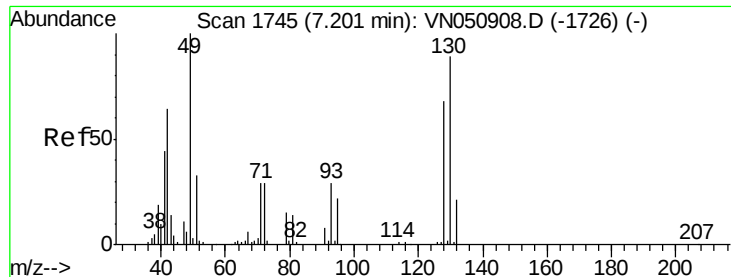
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. -0.00 min

Lab File: VN050974.D

Acq: 30 Aug 2018 20:23

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

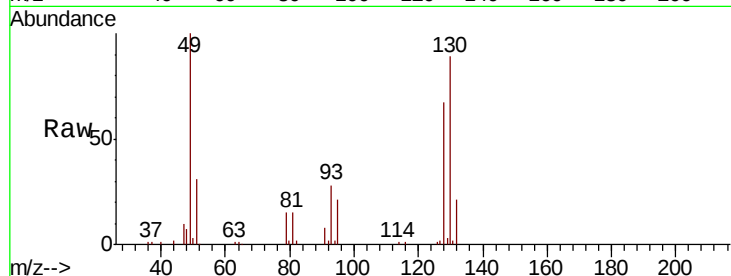
Tot Ion:128 Resp: 106914

Ion Ratio Lower Upper

128 100

49 150.9 0.0 380.3

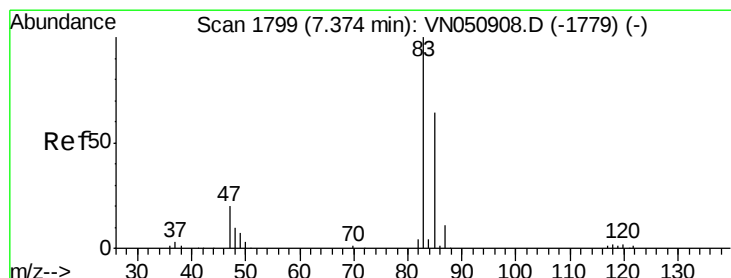
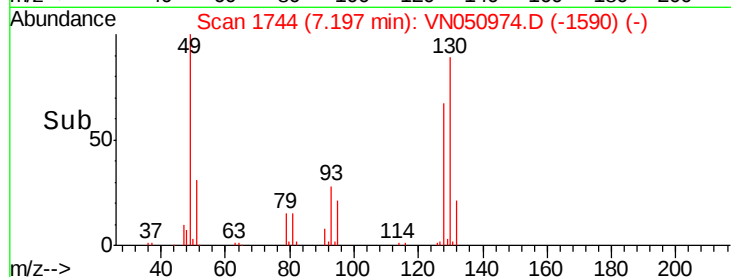
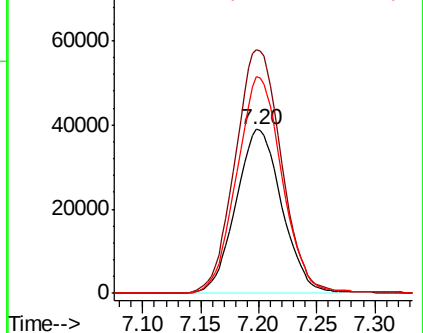
130 131.5 0.0 325.3



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: 0.73 ug/l

RT: 7.38 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VN050974.D

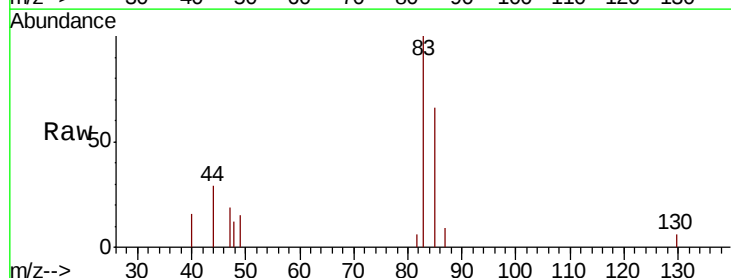
Acq: 30 Aug 2018 20:23

Tgt Ion: 83 Resp: 8417

Ion Ratio Lower Upper

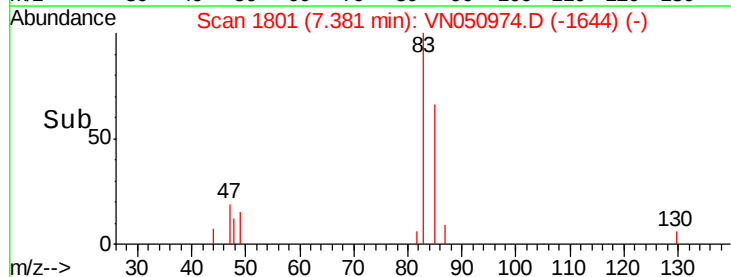
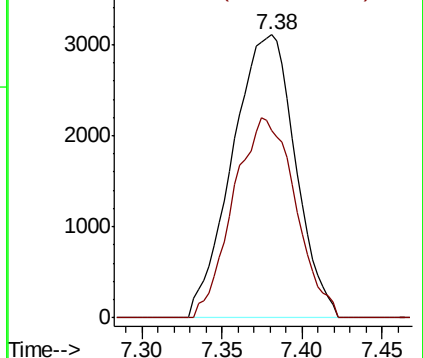
83 100

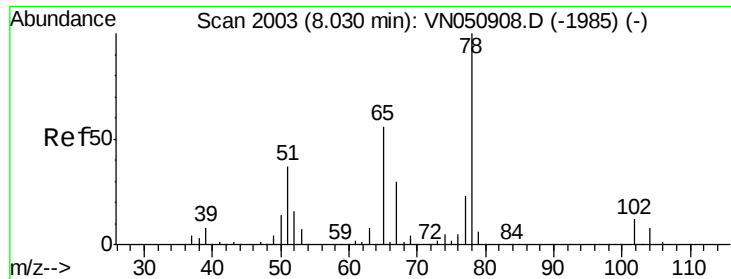
85 66.4 51.4 77.0



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

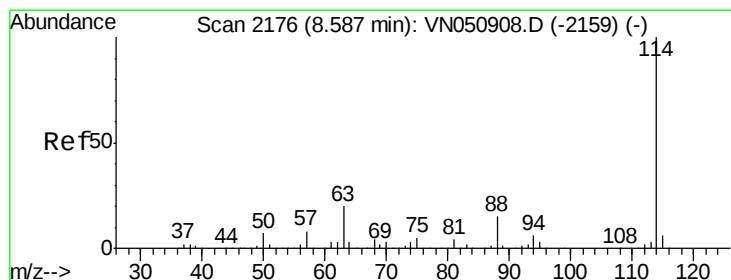
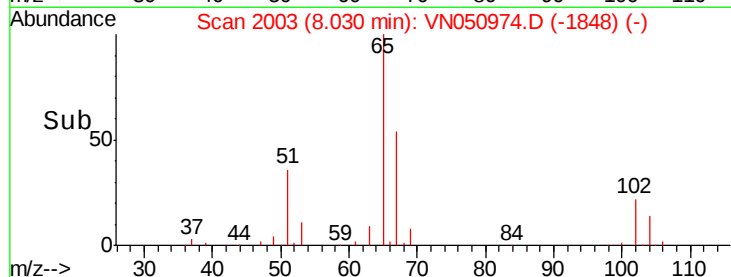
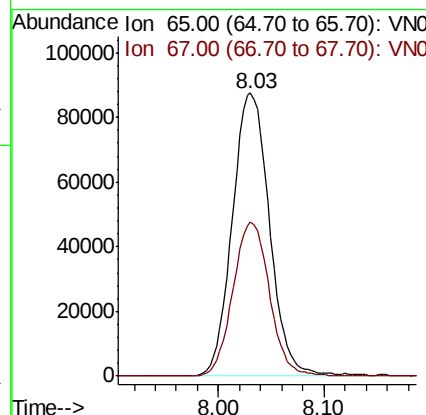
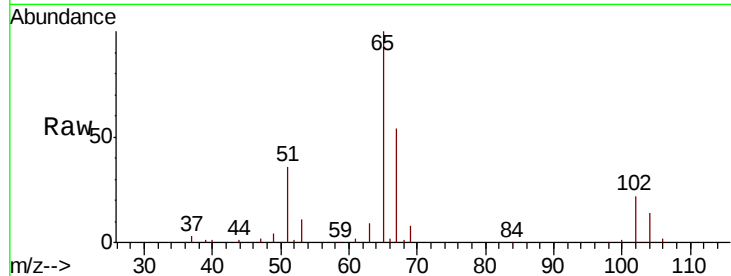




#27
 1,2-Dichloroethane-d4
 Concen: 31.37 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN050974.D
 Acq: 30 Aug 2018 20:23

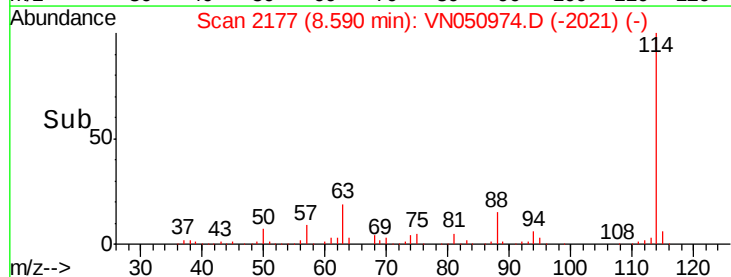
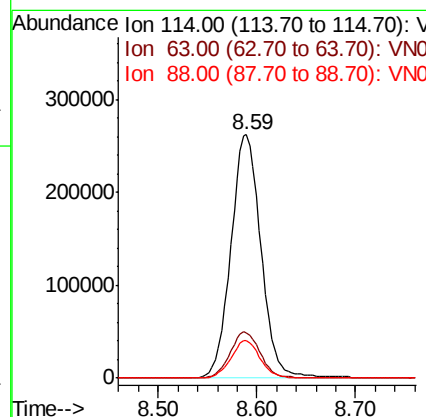
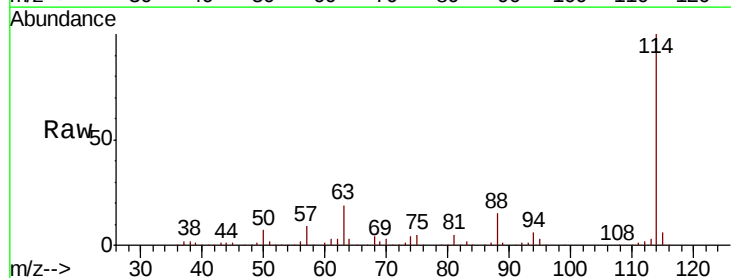
Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

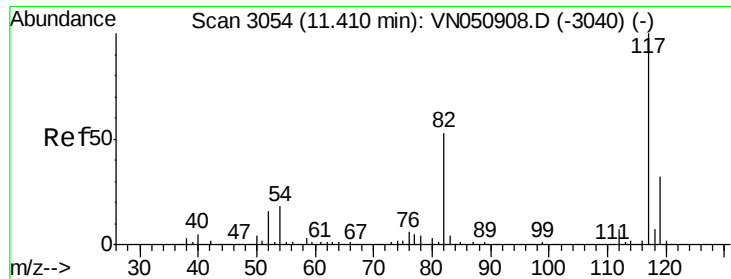
Tot Ion: 65 Resp: 214047
 Ion Ratio Lower Upper
 65 100
 67 53.6 43.7 65.5



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050974.D
 Acq: 30 Aug 2018 20:23

Tgt Ion: 114 Resp: 558826
 Ion Ratio Lower Upper
 114 100
 63 18.9 15.6 23.4
 88 15.1 12.2 18.4

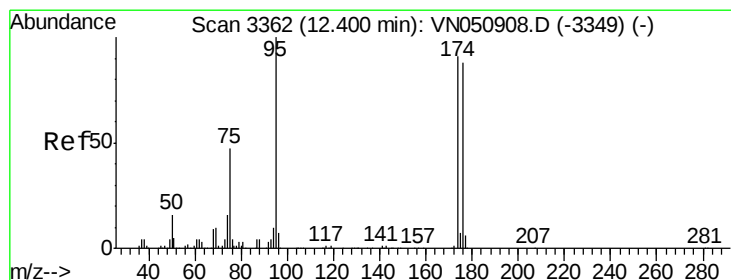
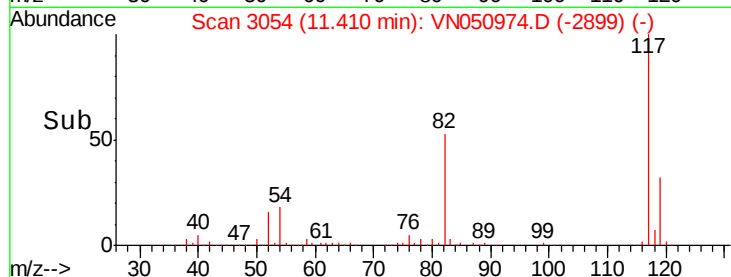
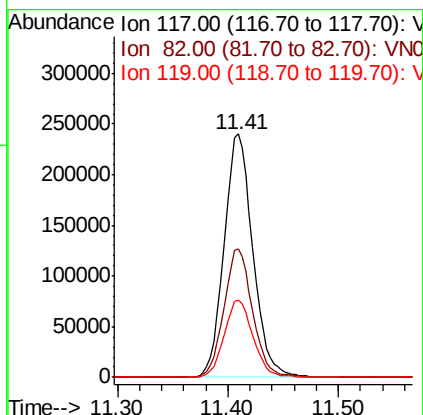
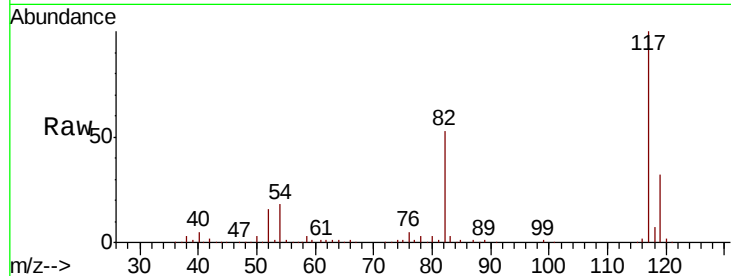




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050974.D
Acq: 30 Aug 2018 20:23

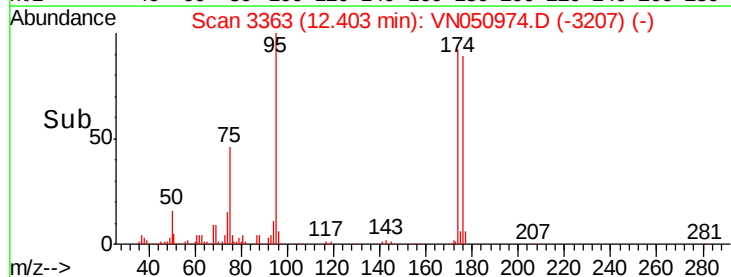
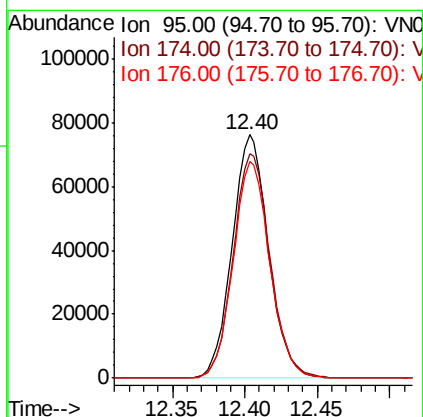
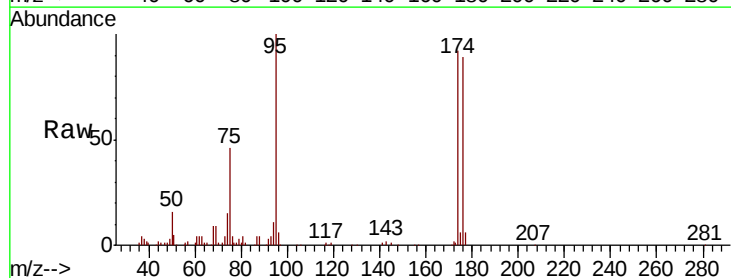
Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

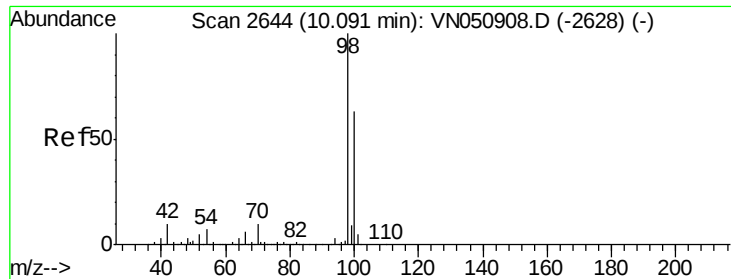
Tot Ion:117 Resp: 433721
Ion Ratio Lower Upper
117 100
82 52.5 42.6 64.0
119 31.9 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 20.49 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050974.D
Acq: 30 Aug 2018 20:23

Tgt Ion: 95 Resp: 132181
Ion Ratio Lower Upper
95 100
174 93.9 74.6 112.0
176 89.8 71.5 107.3





#63

Toluene-d8

Concen: 30.57 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050974.D

Acq: 30 Aug 2018 20:23

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

Tot Ion: 98 Resp: 618304

Ion Ratio Lower Upper

98 100

100 63.1 50.6 75.8

