

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082418\
 Data File : VN050864.D
 Acq On : 24 Aug 2018 9:37
 Operator : MD\SY
 Sample : J4635-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

Quant Time: Aug 24 14:16:40 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	108931	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	543860	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	457063	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	214796	29.01	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.70%
60) 4-Bromofluorobenzene	12.40	95	148452	21.14	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	70.47%
63) Toluene-d8	10.09	98	640816	29.35	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.83%

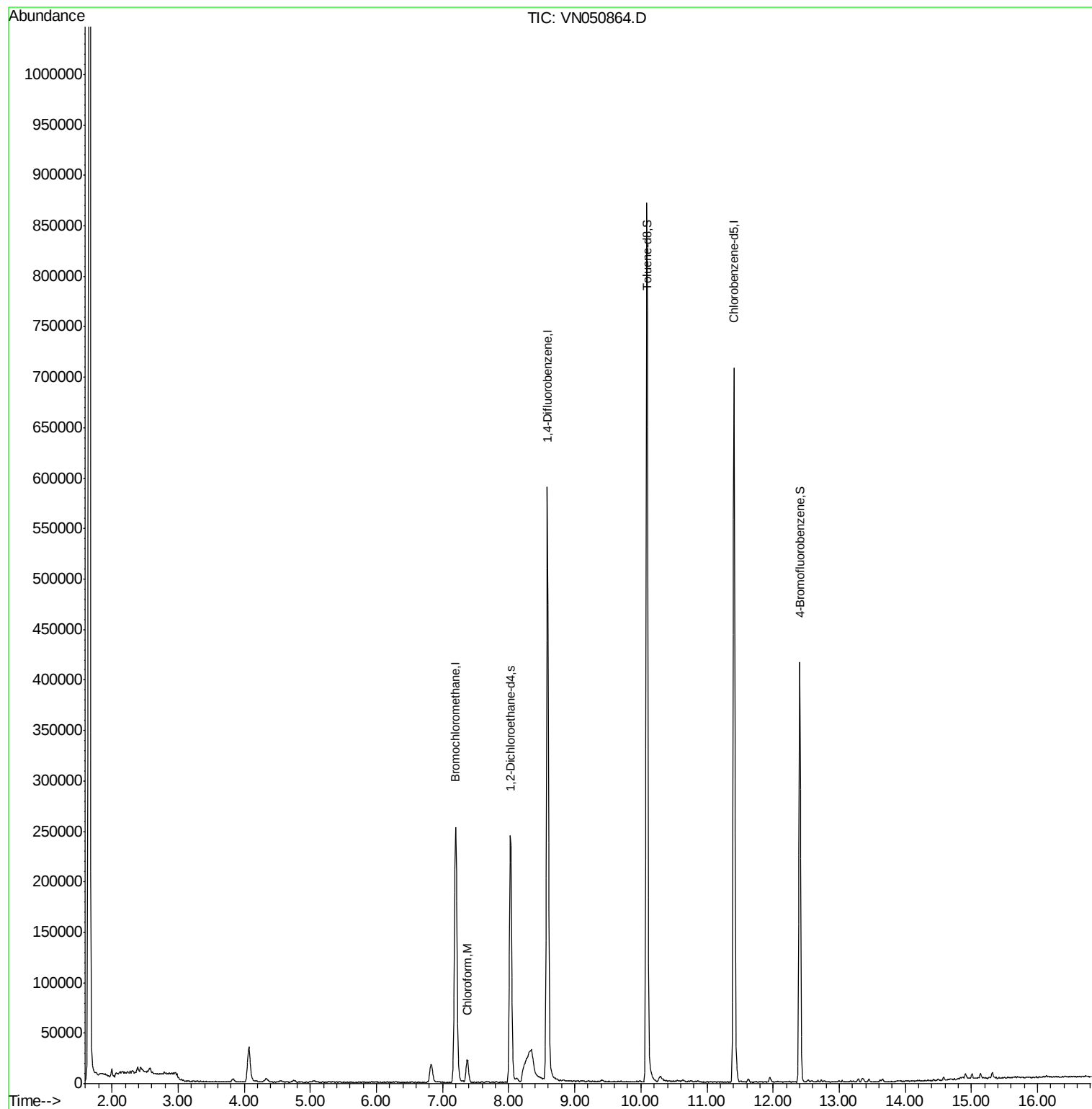
Target Compounds					Qvalue
25) Chloroform	7.37	83	24645	2.059 ug/l	99

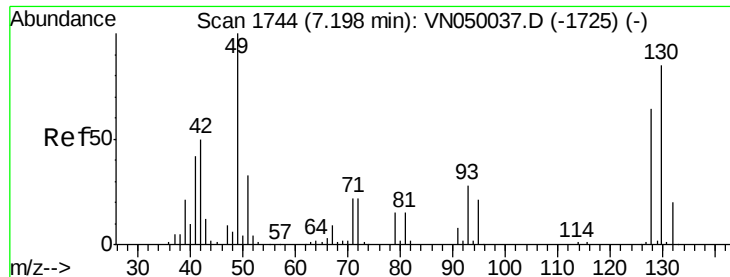
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. -0.00 min

Lab File: VN050864.D

Acq: 24 Aug 2018 9:37

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

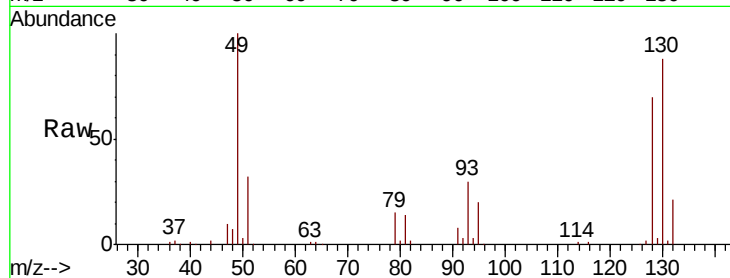
Tgt Ion:128 Resp: 108931

Ion Ratio Lower Upper

128 100

49 147.7 0.0 378.3

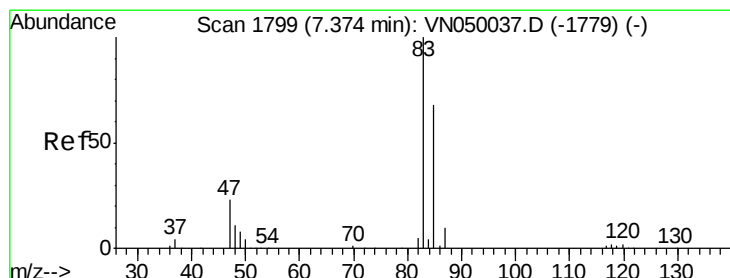
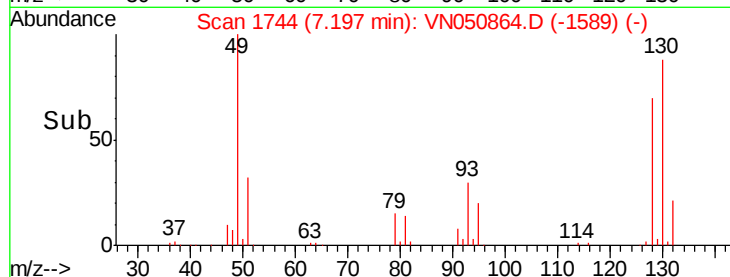
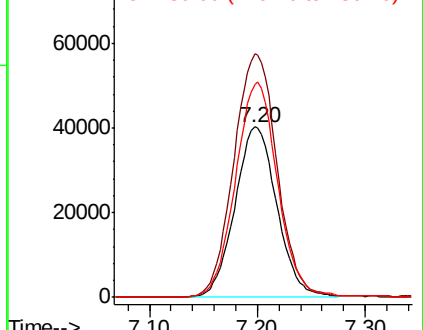
130 126.2 0.0 320.7



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: 2.059 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN050864.D

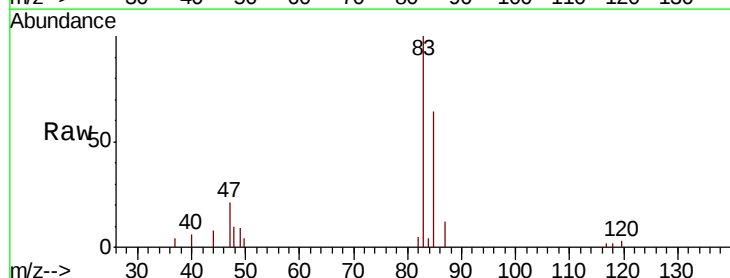
Acq: 24 Aug 2018 9:37

Tgt Ion: 83 Resp: 24645

Ion Ratio Lower Upper

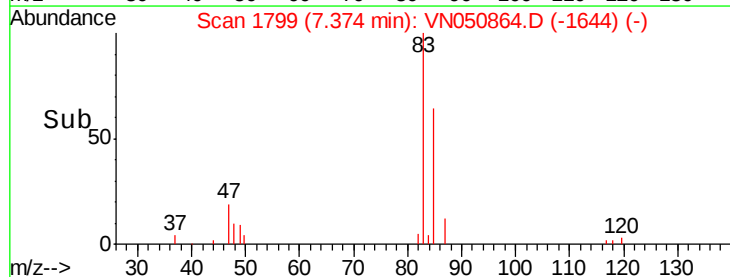
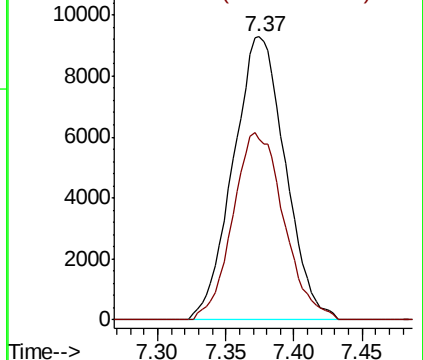
83 100

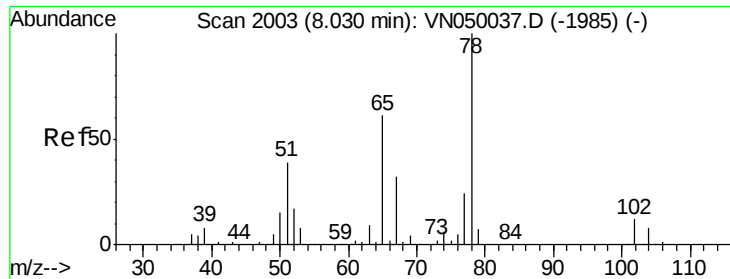
85 63.9 52.1 78.1



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

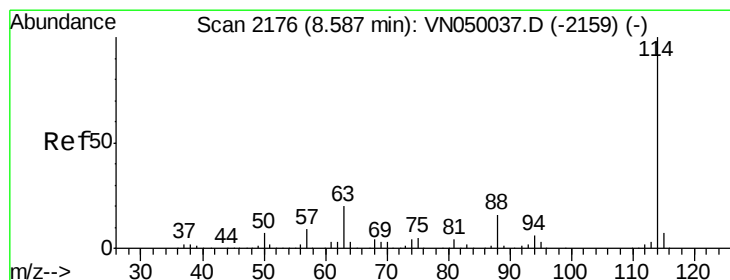
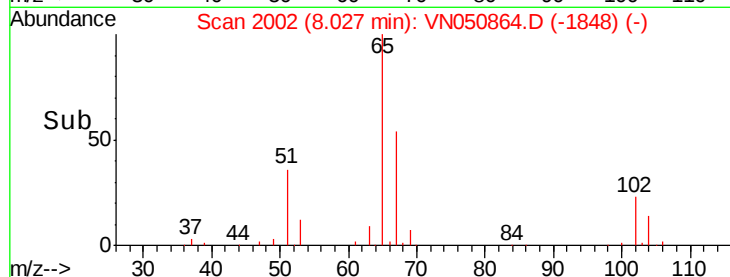
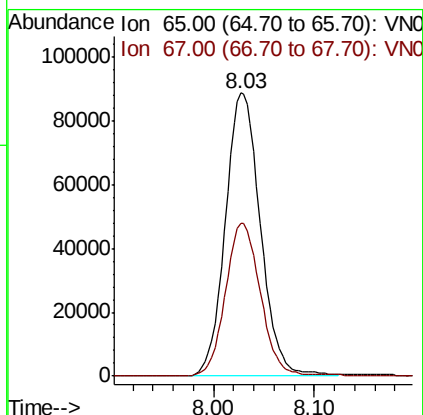
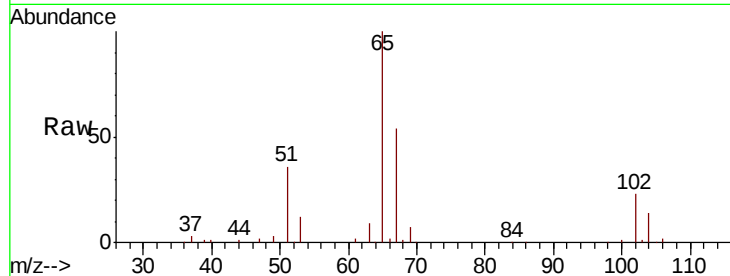




#27
 1,2-Dichloroethane-d4
 Concen: 29.010 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN050864.D
 Acq: 24 Aug 2018 9:37

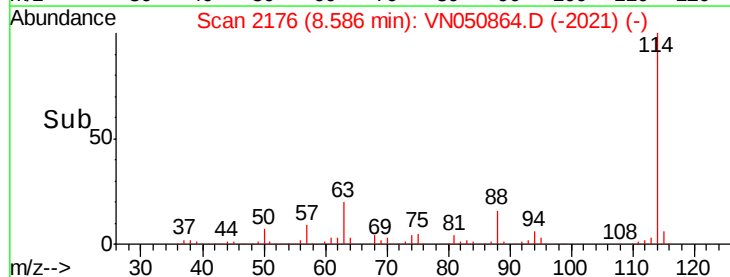
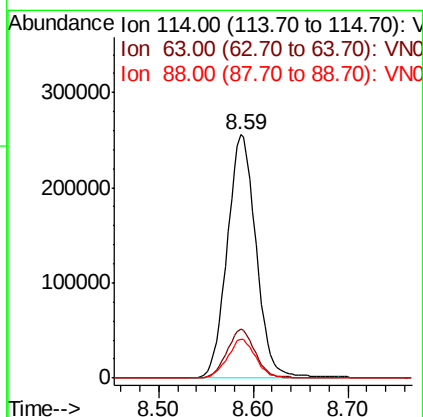
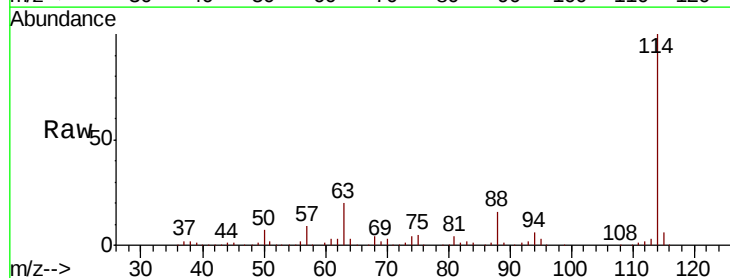
Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

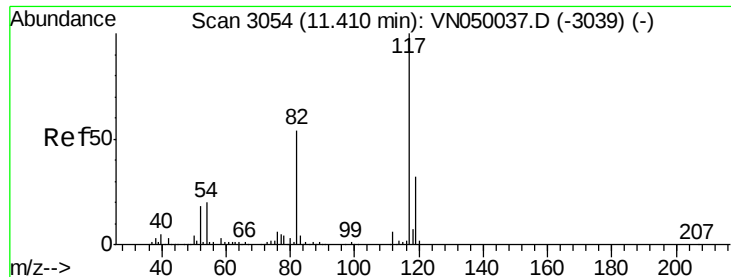
Tgt Ion: 65 Resp: 214796
 Ion Ratio Lower Upper
 65 100
 67 53.5 42.7 64.1



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050864.D
 Acq: 24 Aug 2018 9:37

Tgt Ion: 114 Resp: 543860
 Ion Ratio Lower Upper
 114 100
 63 19.7 16.2 24.2
 88 15.6 12.3 18.5

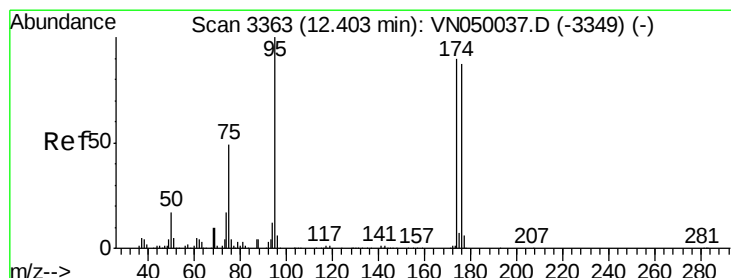
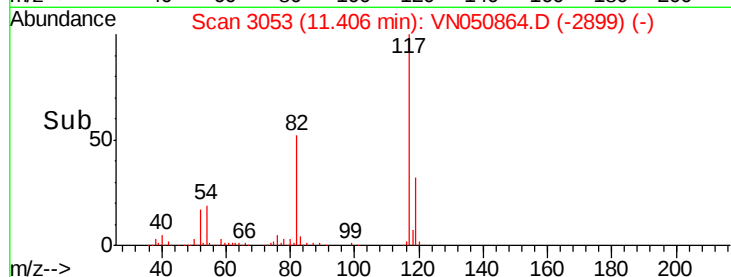
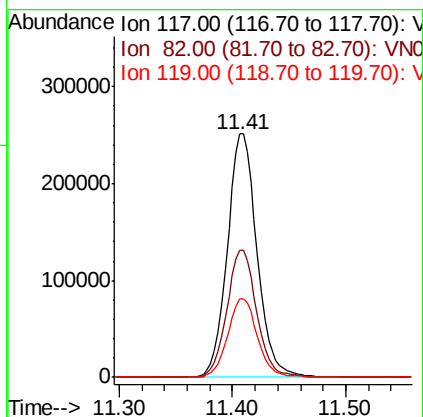
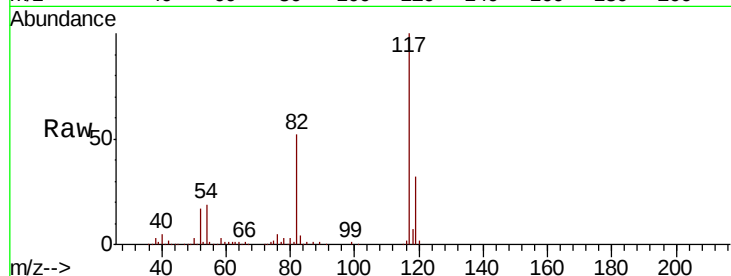




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN050864.D
Acq: 24 Aug 2018 9:37

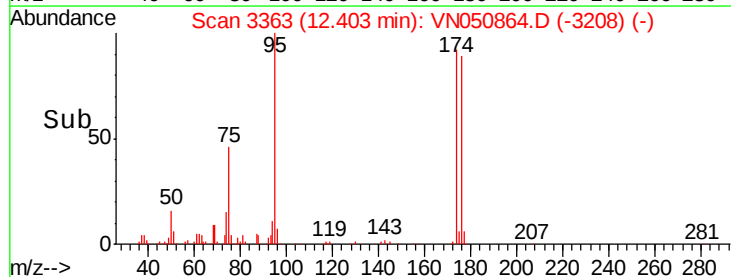
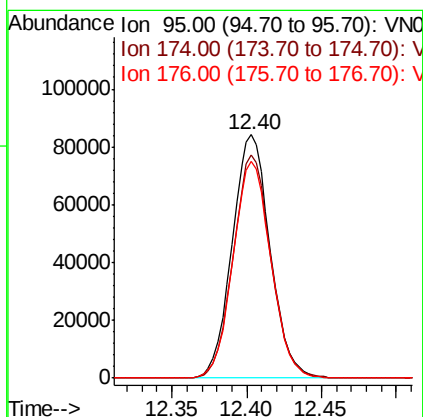
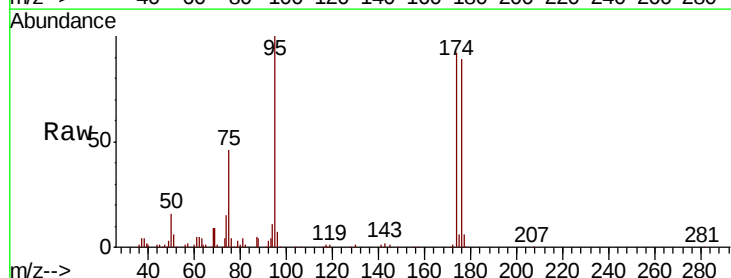
Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

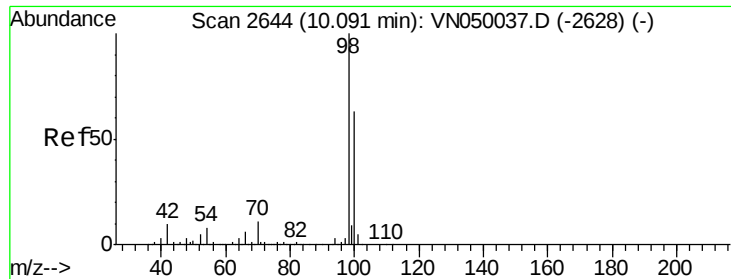
Tgt Ion: 117 Resp: 457063
Ion Ratio Lower Upper
117 100
82 52.7 42.4 63.6
119 32.4 25.4 38.0



#60
4-Bromofluorobenzene
Concen: 21.141 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050864.D
Acq: 24 Aug 2018 9:37

Tgt Ion: 95 Resp: 148452
Ion Ratio Lower Upper
95 100
174 90.9 72.3 108.5
176 89.0 70.0 105.0





#63

Toluene-d8

Concen: 29.352 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050864.D

Acq: 24 Aug 2018 9:37

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

Tgt Ion: 98 Resp: 640816

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8

