

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101518\
 Data File : VN051874.D
 Acq On : 15 Oct 2018 15:11
 Operator : MD\SY
 Sample : J5512-02DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 002M-35TH-AVE-SEPD

Quant Time: Oct 16 16:05:43 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	126052	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	711219	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	581547	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	241342	31.47	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.90%
60) 4-Bromofluorobenzene	12.40	95	202428	24.14	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	80.47%
63) Toluene-d8	10.09	98	812223	32.16	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	107.20%

Target Compounds

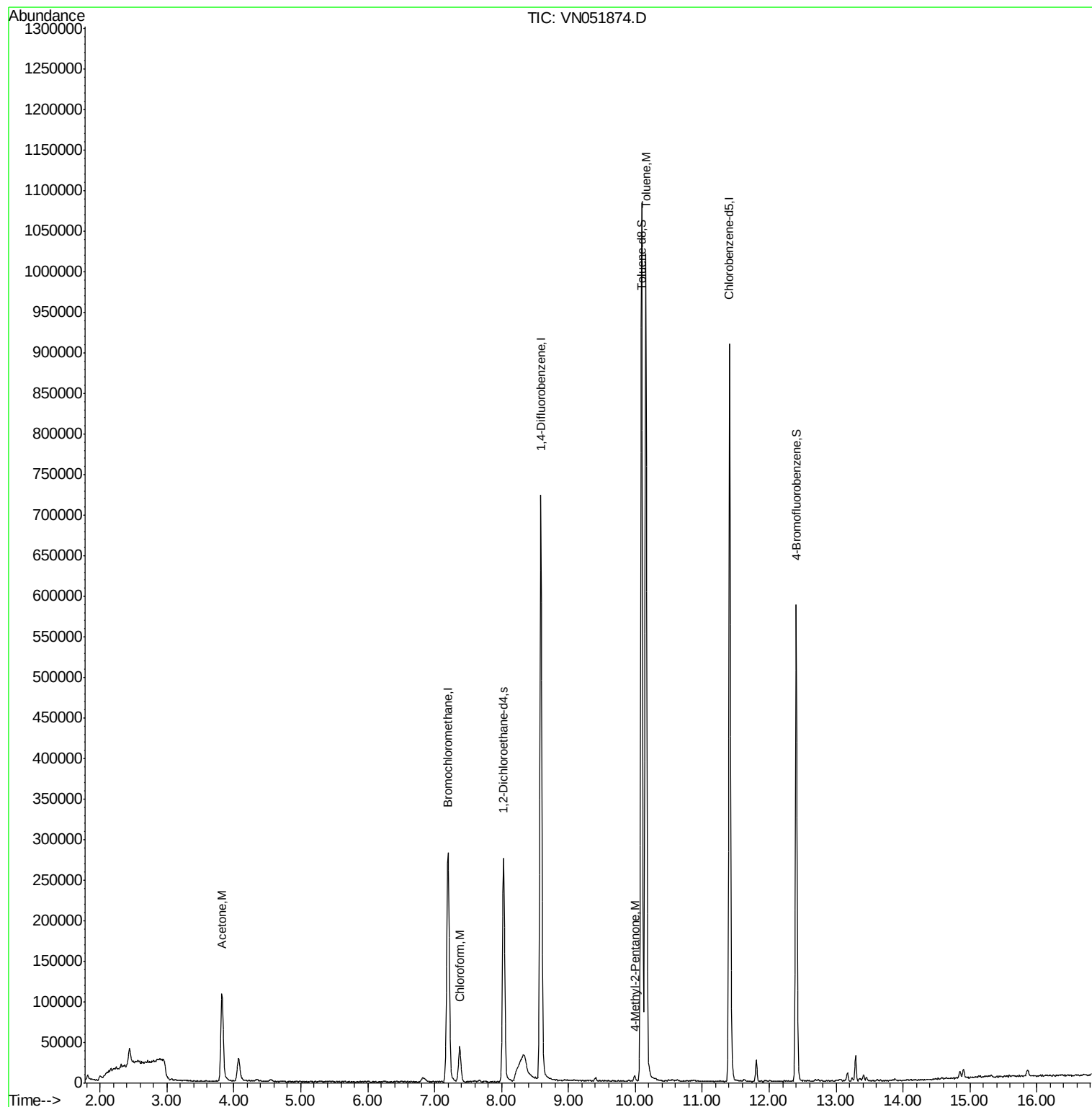
						Qvalue
15) Acetone	3.82	58	61156	153.60	ug/l	94
25) Chloroform	7.37	83	44635	3.51	ug/l	93
58) 4-Methyl-2-Pentanone	9.99	43	4548	1.17	ug/l #	89
62) Toluene	10.16	91	824073	28.52	ug/l	98

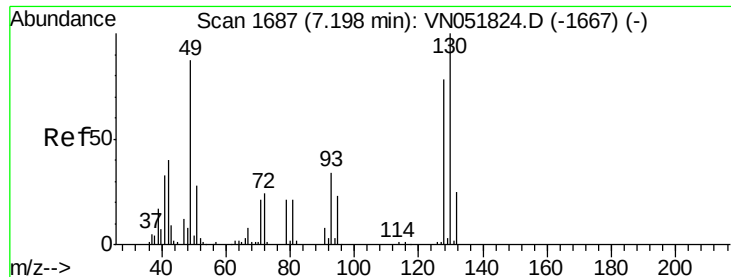
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 12 10:23:44 2018
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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: VN051874.D

Acq: 15 Oct 2018 15:11

Instrument :

MSVOA_N

ClientSampleId :

002M-35TH-AVE-SEPDL

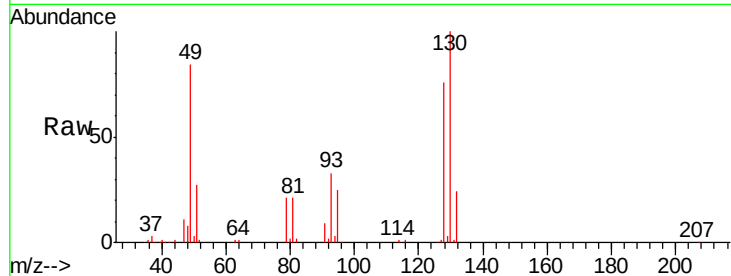
Tgt Ion:128 Resp: 126052

Ion Ratio Lower Upper

128 100

49 112.7 0.0 403.3

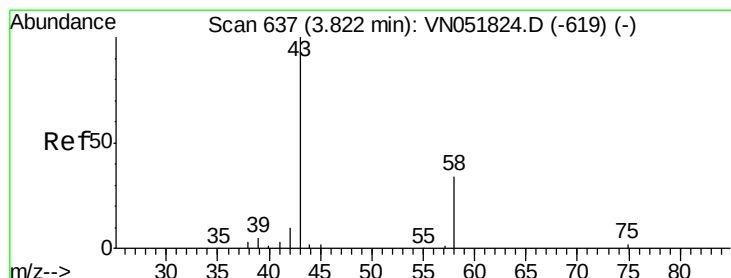
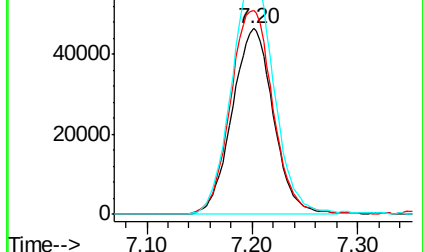
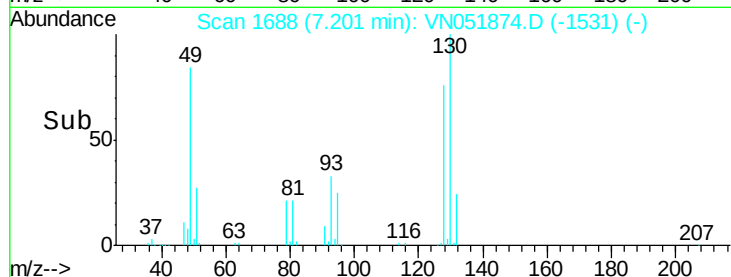
130 131.1 0.0 326.0



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



#15

Acetone

Concen: 153.60 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051874.D

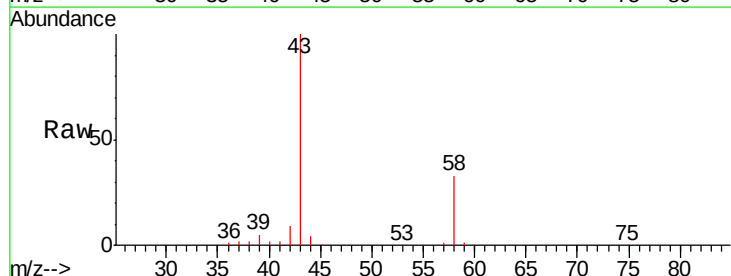
Acq: 15 Oct 2018 15:11

Tgt Ion: 58 Resp: 61156

Ion Ratio Lower Upper

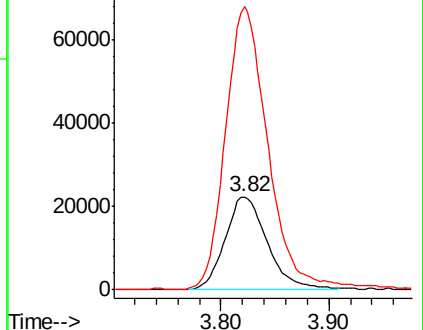
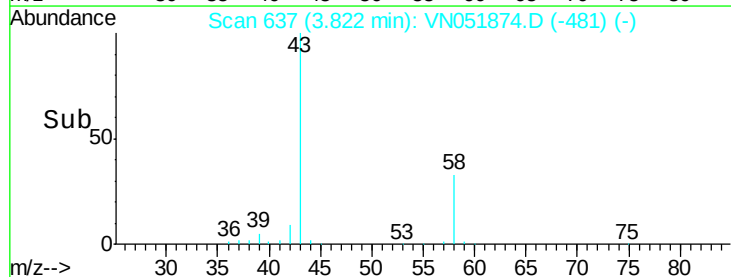
58 100

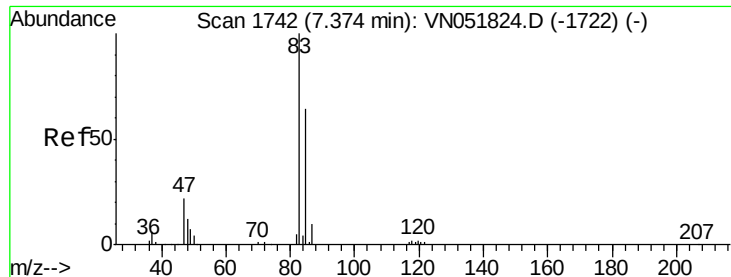
43 302.0 232.2 348.2



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

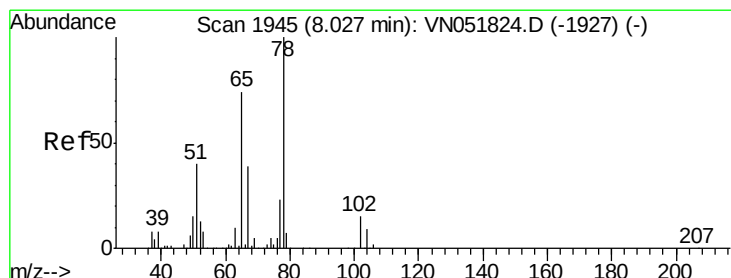
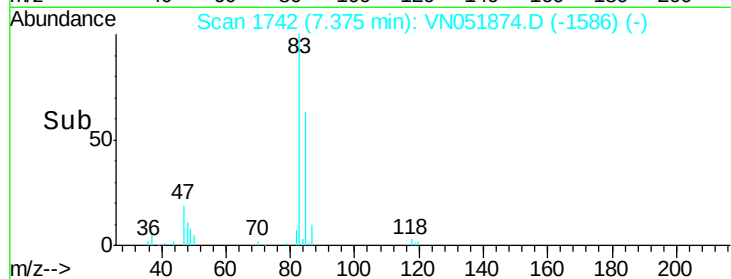
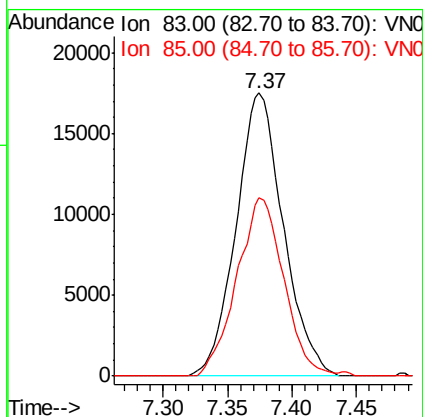
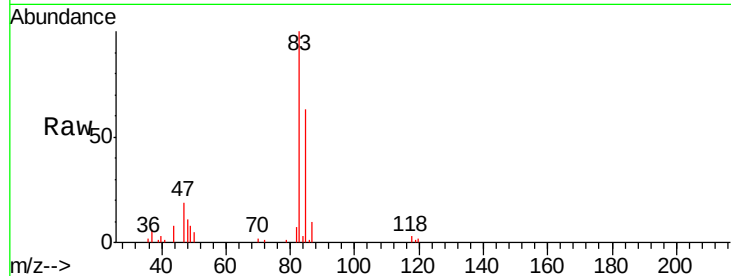




#25
Chloroform
Concen: 3.51 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051874.D
Acq: 15 Oct 2018 15:11

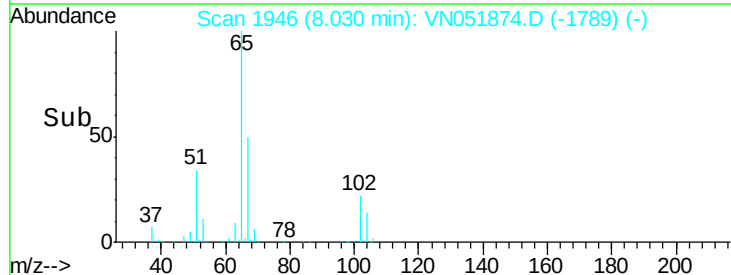
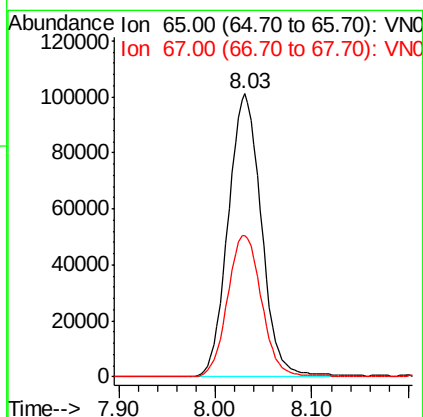
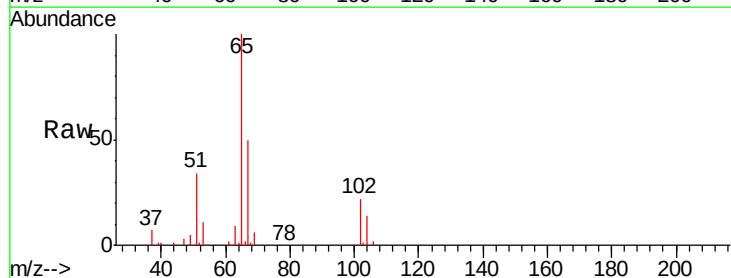
Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE-SEPDL

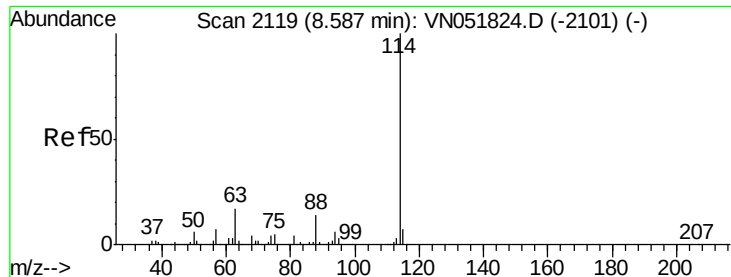
Tgt Ion: 83 Resp: 44635
Ion Ratio Lower Upper
83 100
85 63.0 54.6 82.0



#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051874.D
Acq: 15 Oct 2018 15:11

Tgt Ion: 65 Resp: 241342
Ion Ratio Lower Upper
65 100
67 51.4 41.8 62.8

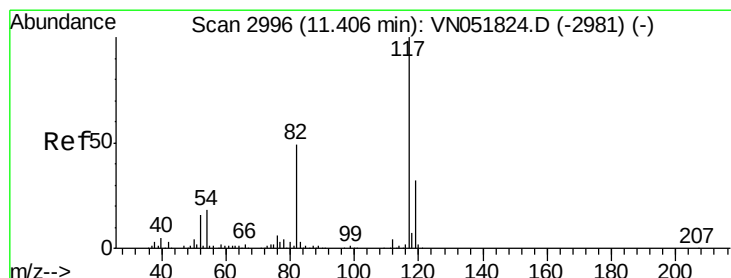
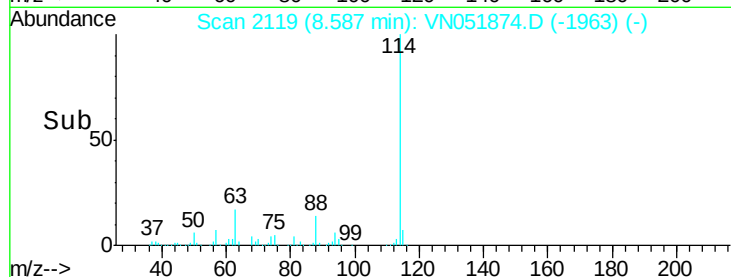
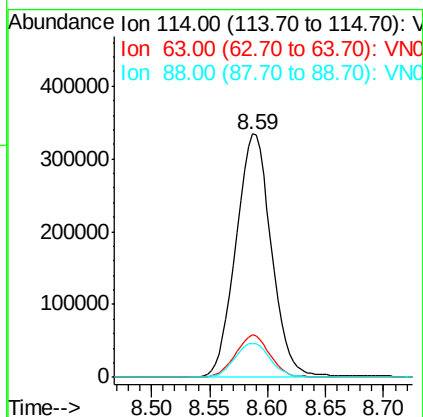
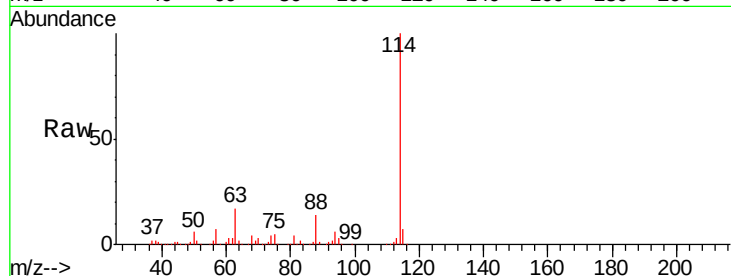




#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051874.D
 Acq: 15 Oct 2018 15:11

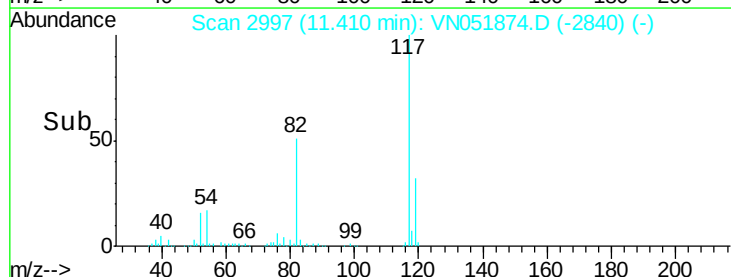
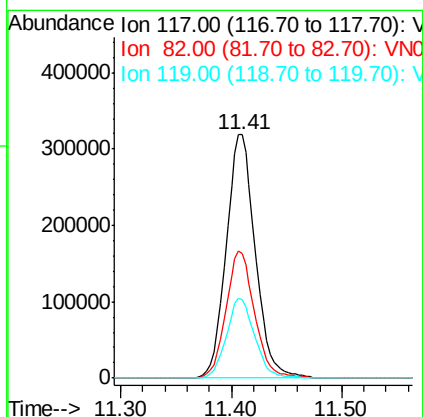
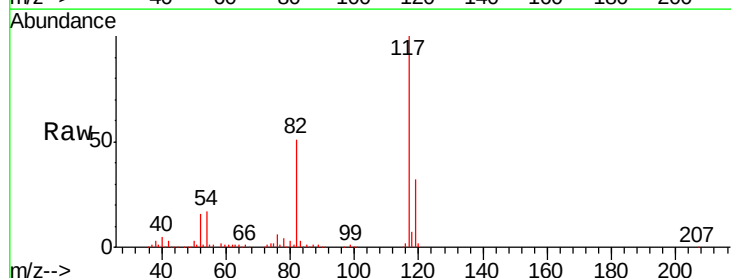
Instrument :
 MSVOA_N
 ClientSampleId :
 002M-35TH-AVE-SEPDL

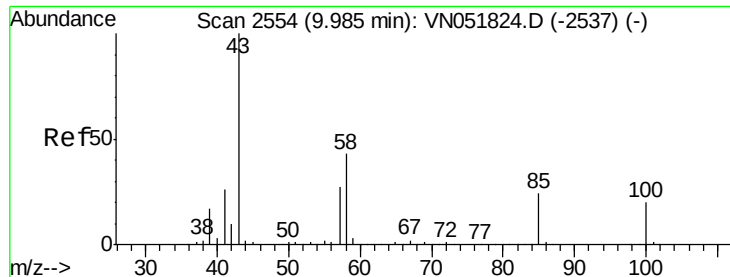
Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.0	16.2	24.2
88	14.2	12.2	18.4



#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 11.41 min Scan# 2997
 Delta R.T. 0.00 min
 Lab File: VN051874.D
 Acq: 15 Oct 2018 15:11

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.2	44.1	66.1
119	32.0	25.8	38.8

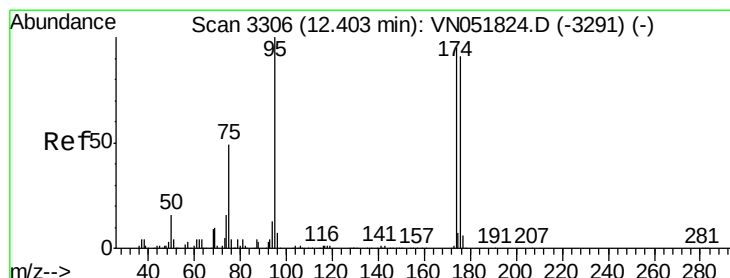
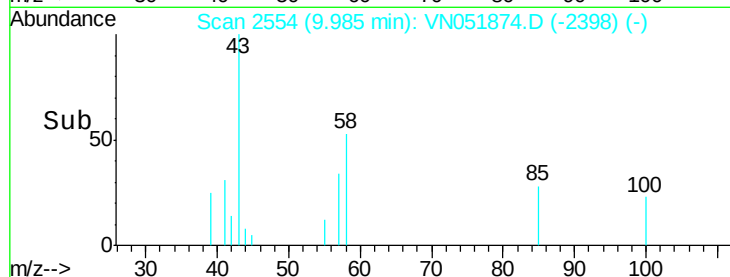
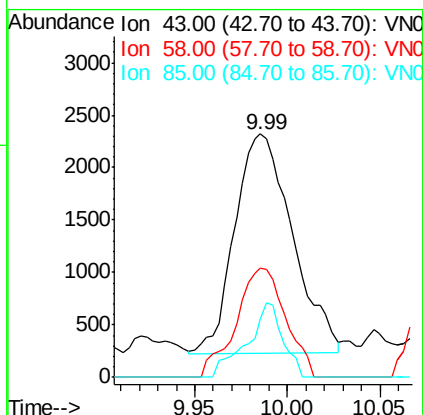
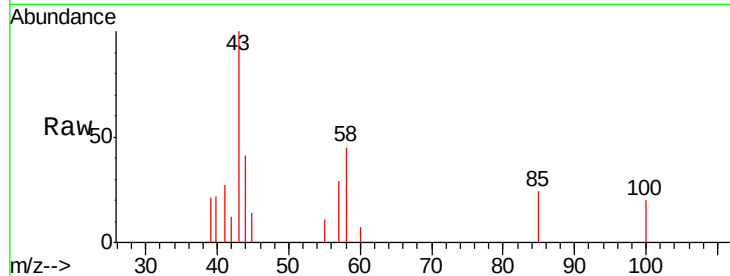




#58
 4-Methyl-2-Pentanone
 Concen: 1.17 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN051874.D
 Acq: 15 Oct 2018 15:11

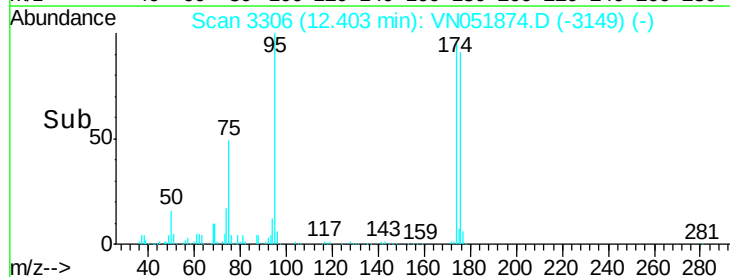
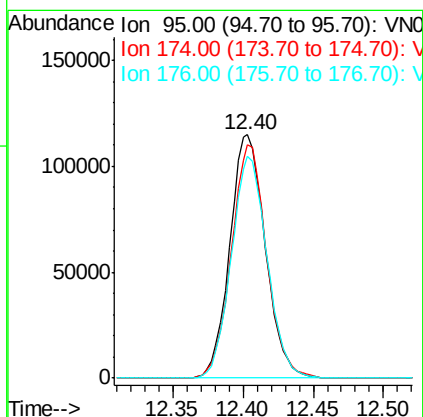
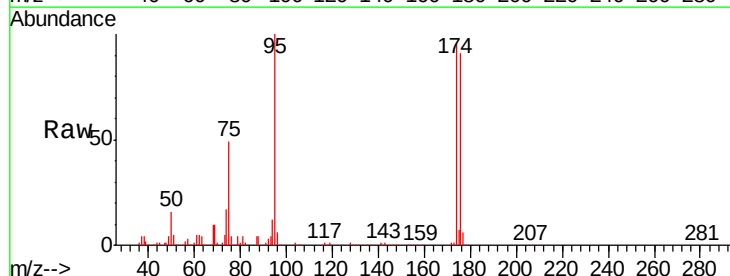
Instrument :
 MSVOA_N
 ClientSampleId :
 002M-35TH-AVE-SEPDL

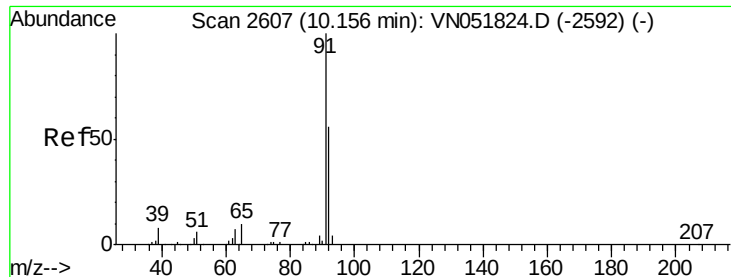
Tgt Ion: 43 Resp: 4548
 Ion Ratio Lower Upper
 43 100
 58 42.7 29.3 43.9
 85 20.9 12.6 18.8#



#60
 4-Bromofluorobenzene
 Concen: Below ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN051874.D
 Acq: 15 Oct 2018 15:11

Tgt Ion: 95 Resp: 202428
 Ion Ratio Lower Upper
 95 100
 174 95.2 73.5 110.3
 176 91.8 70.2 105.2





#62

Toluene

Concen: 28.52 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051874.D

Acq: 15 Oct 2018 15:11

Instrument :

MSVOA_N

ClientSampleId :

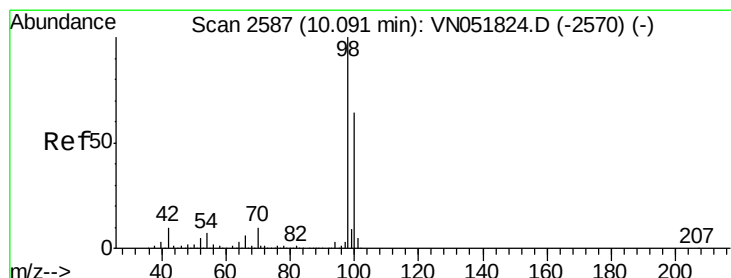
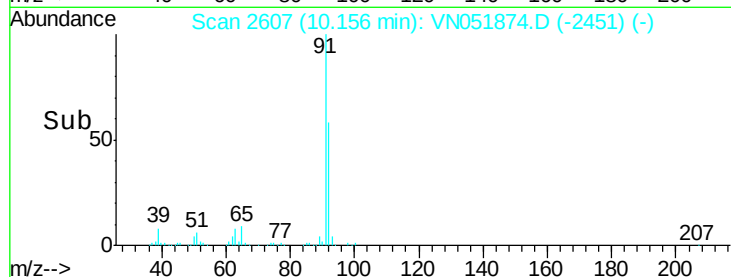
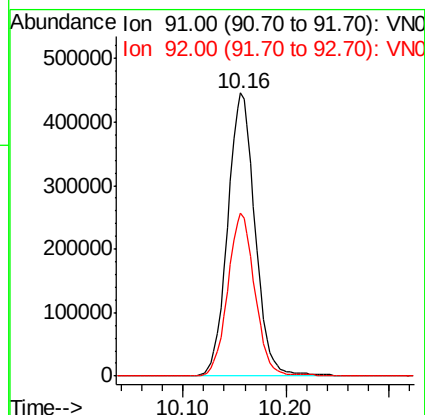
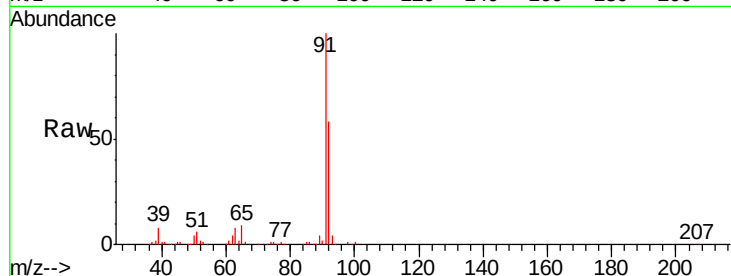
002M-35TH-AVE-SEPD

Tgt Ion: 91 Resp: 824073

Ion Ratio Lower Upper

91 100

92 57.2 44.6 66.8



#63

Toluene-d8

Concen: 28.52 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051874.D

Acq: 15 Oct 2018 15:11

Tgt Ion: 98 Resp: 812223

Ion Ratio Lower Upper

98 100

100 63.6 50.8 76.2

