

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101518\
 Data File : VN051876.D
 Acq On : 15 Oct 2018 16:00
 Operator : MD\SY
 Sample : J5512-04DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 28

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

Quant Time: Oct 16 02:28:07 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	127476	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	704860	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	575380	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	237712	30.65	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.17%
60) 4-Bromofluorobenzene	12.40	95	199530	24.05	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	80.17%
63) Toluene-d8	10.09	98	792174	31.71	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	105.70%

Target Compounds

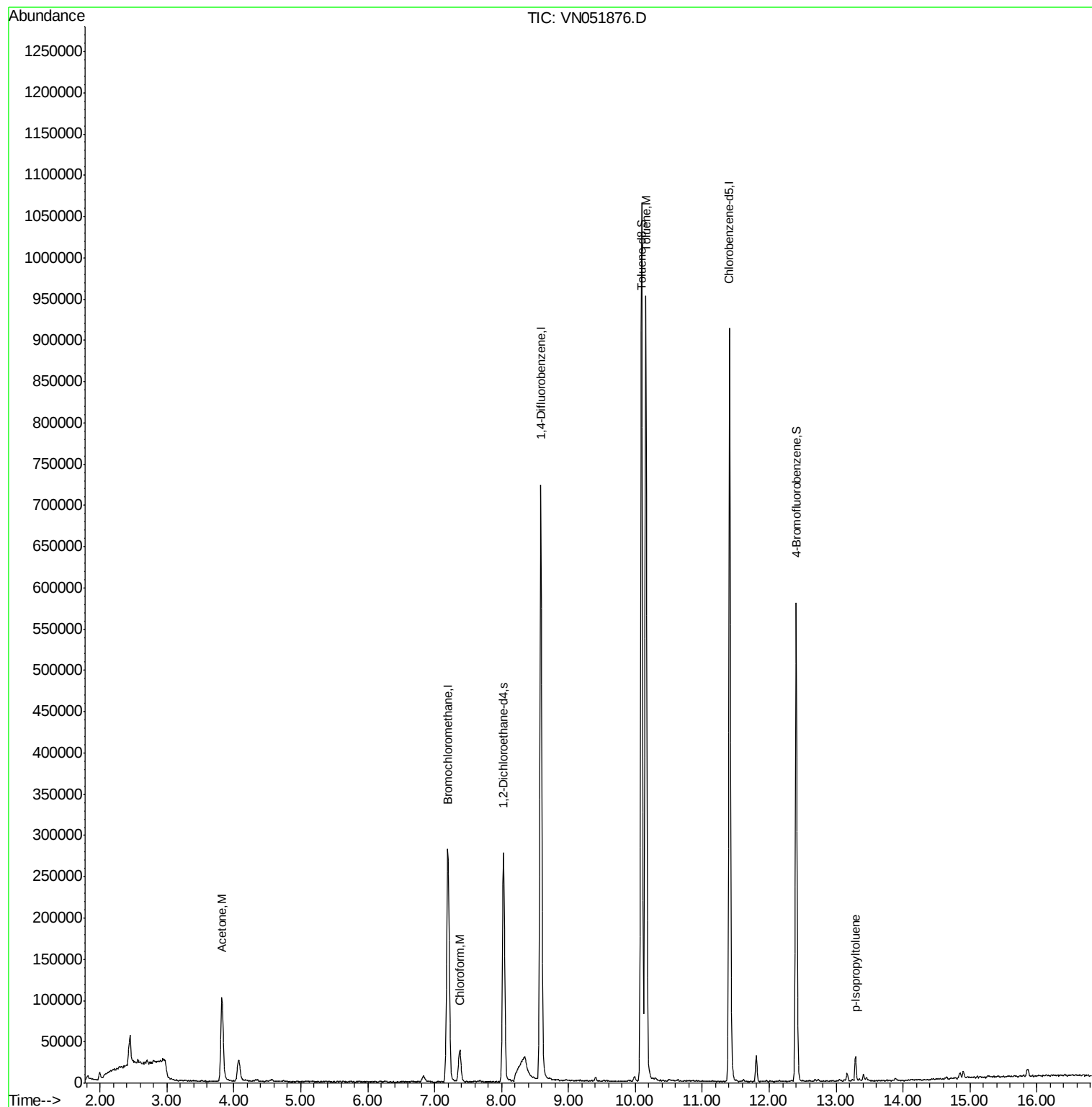
						Qvalue
15) Acetone	3.82	58	54925	136.41	ug/l	85
25) Chloroform	7.37	83	42347	3.29	ug/l	92
62) Toluene	10.16	91	775821	27.14	ug/l	99
82) p-Isopropyltoluene	13.29	119	16826	0.56	ug/l	97

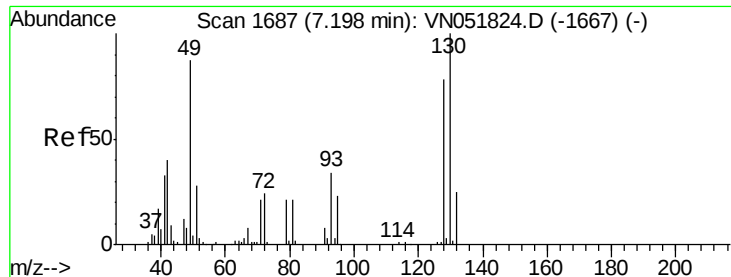
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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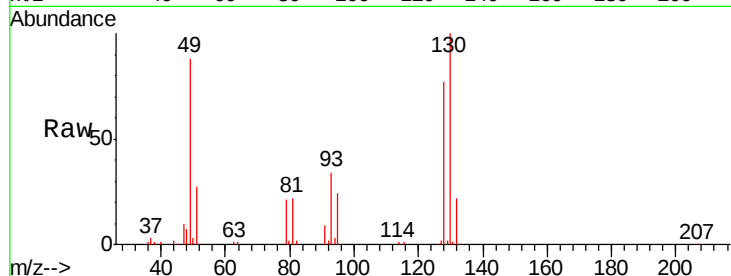




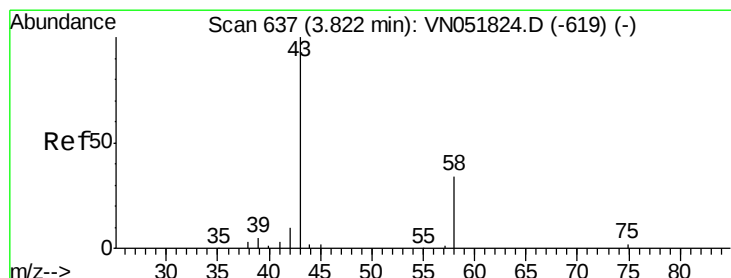
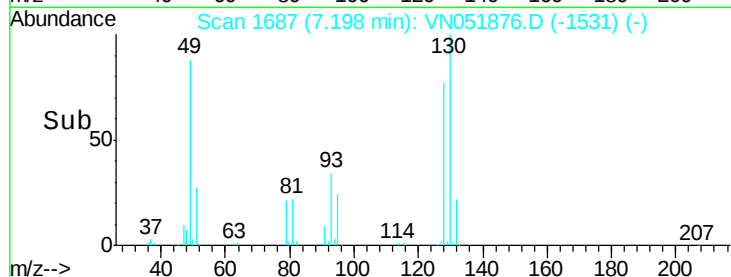
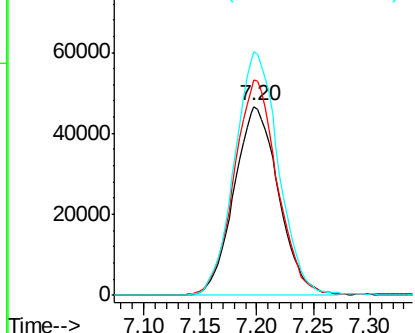
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN051876.D
Acq: 15 Oct 2018 16:00

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

Tgt Ion:128 Resp: 127476
Ion Ratio Lower Upper
128 100
49 111.2 0.0 403.3
130 127.8 0.0 326.0

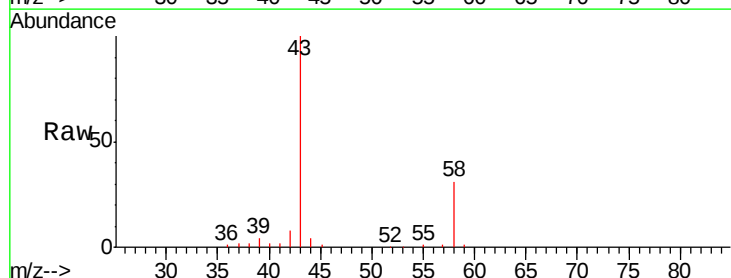


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VNO
Ion 130.00 (129.70 to 130.70): V

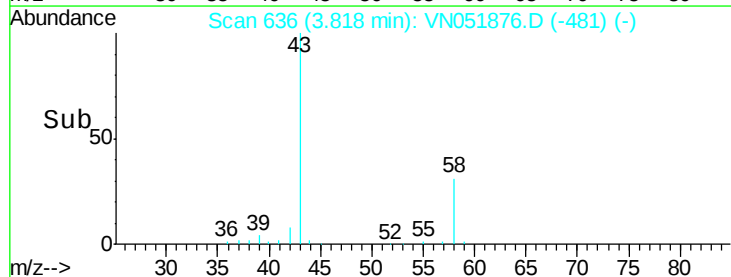
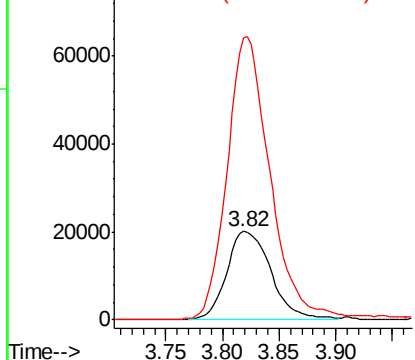


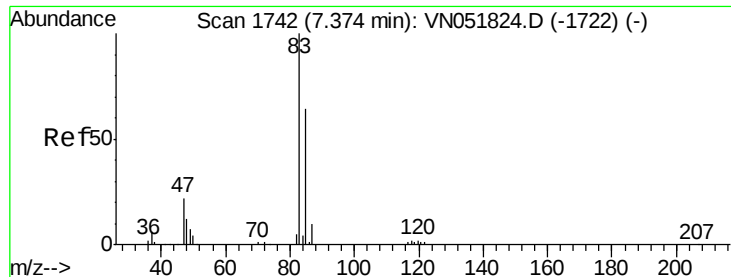
#15
Acetone
Concen: 136.41 ug/l
RT: 3.82 min Scan# 636
Delta R.T. -0.00 min
Lab File: VN051876.D
Acq: 15 Oct 2018 16:00

Tgt Ion: 58 Resp: 54925
Ion Ratio Lower Upper
58 100
43 318.2 232.2 348.2



Abundance Ion 58.00 (57.70 to 58.70): VNO
Ion 43.00 (42.70 to 43.70): VNO





#25

Chloroform

Concen: 3.29 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN051876.D

Acq: 15 Oct 2018 16:00

Instrument :

MSVOA_N

ClientSampleId :

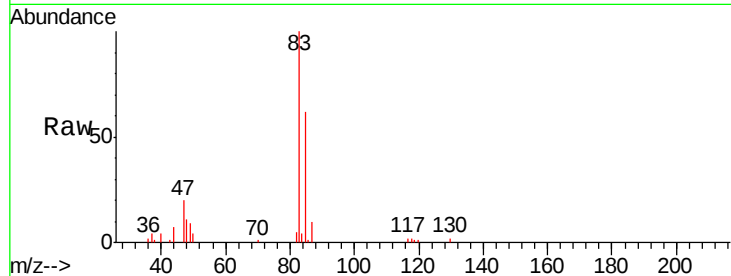
002M-35TH-AVE-AUGDL

Tgt Ion: 83 Resp: 42347

Ion Ratio Lower Upper

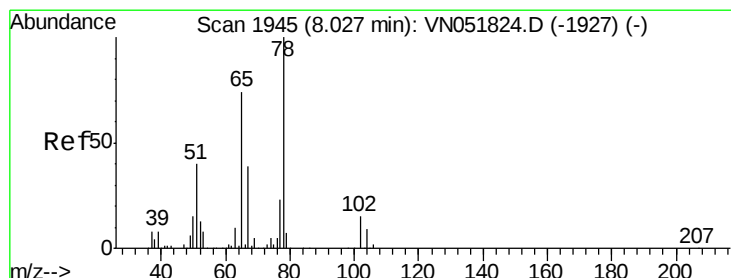
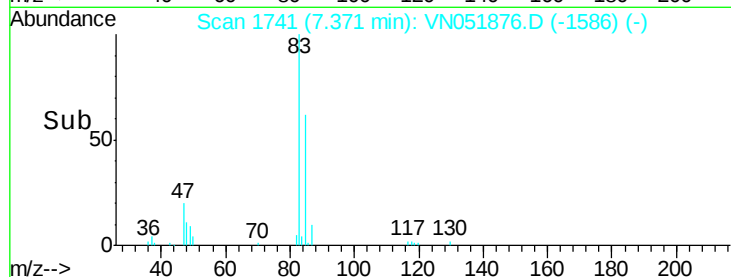
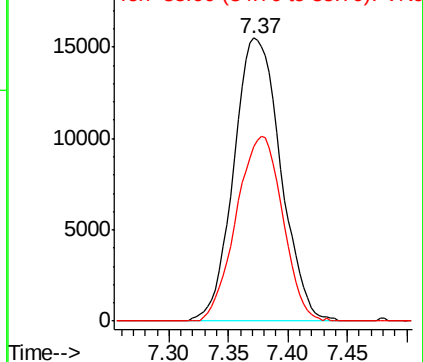
83 100

85 61.8 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# 1945

Delta R.T. 0.00 min

Lab File: VN051876.D

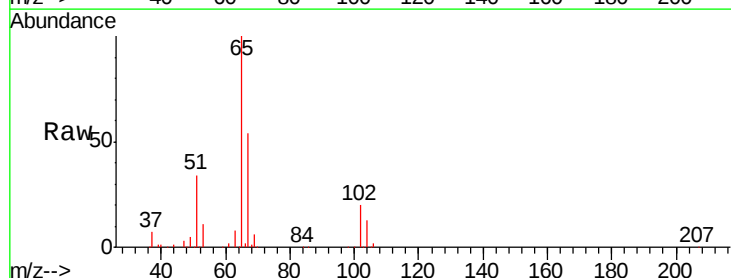
Acq: 15 Oct 2018 16:00

Tgt Ion: 65 Resp: 237712

Ion Ratio Lower Upper

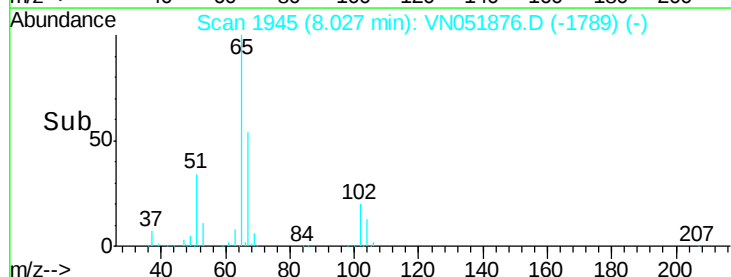
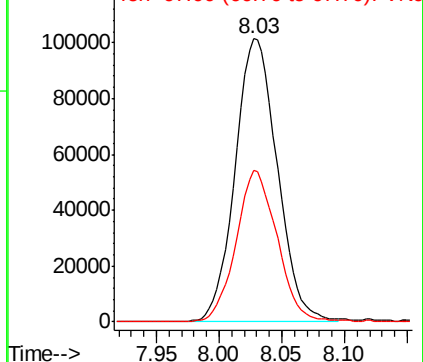
65 100

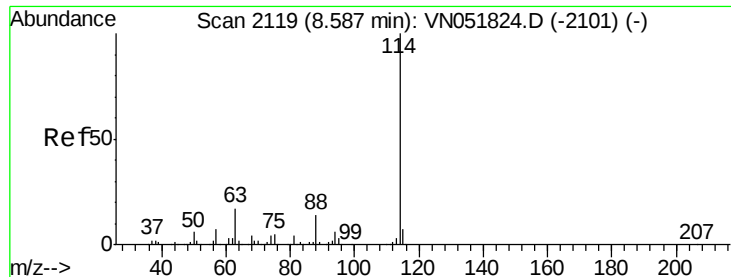
67 52.1 41.8 62.8



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

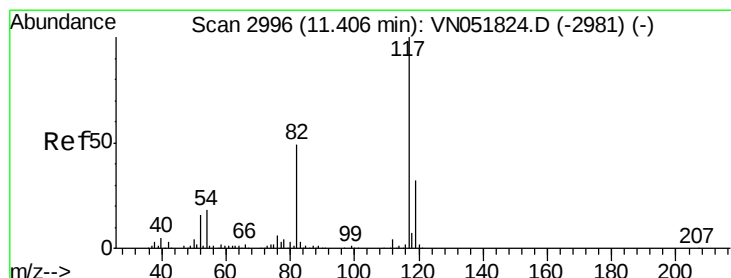
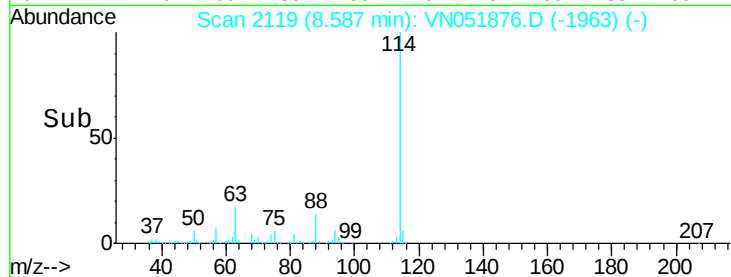
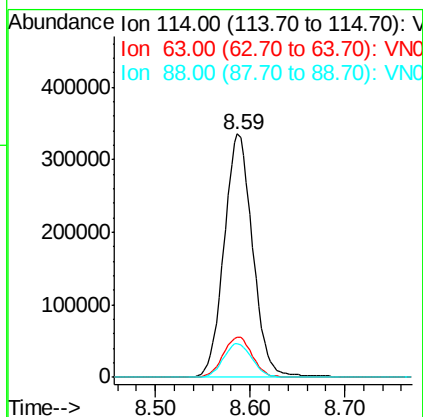
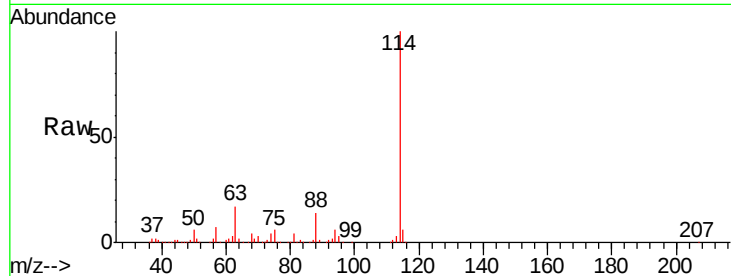




#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051876.D
 Acq: 15 Oct 2018 16:00

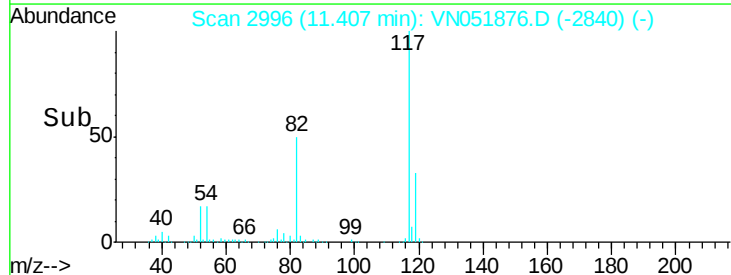
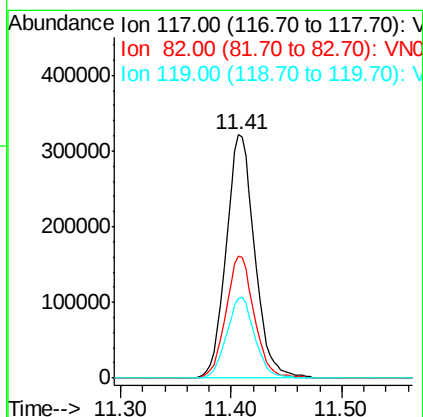
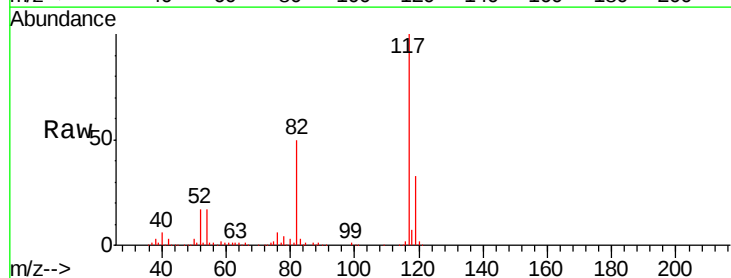
Instrument :
 MSVOA_N
 ClientSampleId :
 002M-35TH-AVE-AUGDL

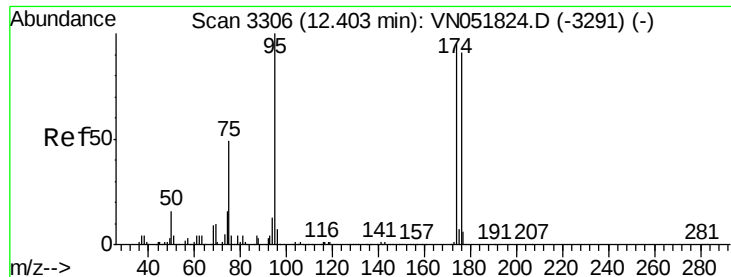
Tgt Ion:	114	Resp:	704860
Ion	Ratio	Lower	Upper
114	100		
63	16.8	16.2	24.2
88	14.0	12.2	18.4



#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN051876.D
 Acq: 15 Oct 2018 16:00

Tgt Ion:	117	Resp:	575380
Ion	Ratio	Lower	Upper
117	100		
82	49.9	44.1	66.1
119	32.8	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: VN051876.D

Acq: 15 Oct 2018 16:00

Instrument :

MSVOA_N

ClientSampleId :

002M-35TH-AVE-AUGDL

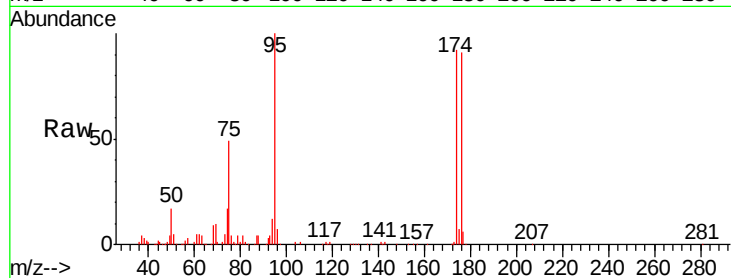
Tgt Ion: 95 Resp: 199530

Ion Ratio Lower Upper

95 100

174 94.4 73.5 110.3

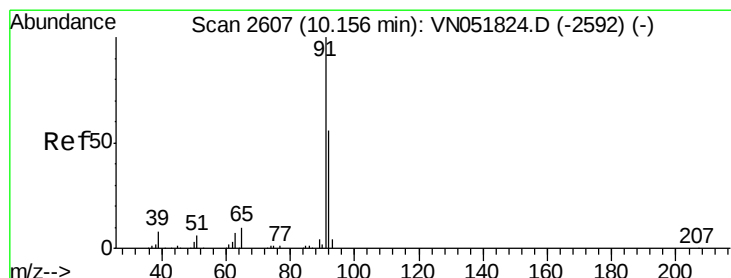
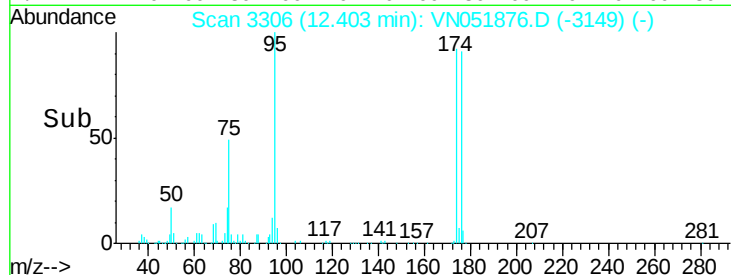
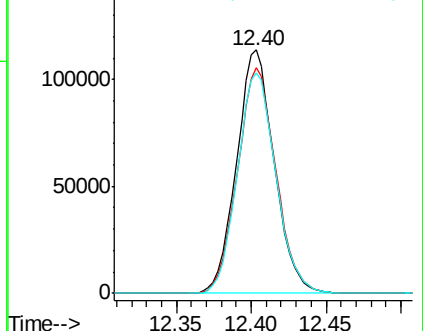
176 92.3 70.2 105.2



Abundance Ion 95.00 (94.70 to 95.70): VN051824.D (-3291) (-)

Ion 174.00 (173.70 to 174.70): VN051824.D (-3291) (-)

Ion 176.00 (175.70 to 176.70): VN051824.D (-3291) (-)



#62

Toluene

Concen: 27.14 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051876.D

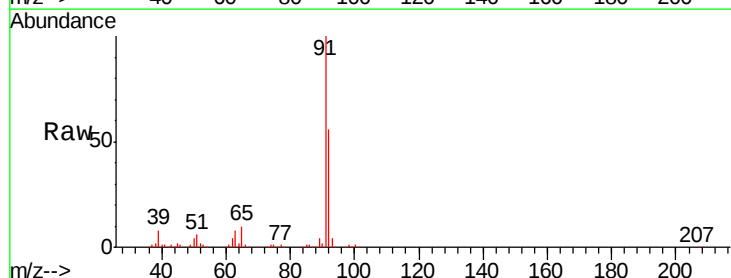
Acq: 15 Oct 2018 16:00

Tgt Ion: 91 Resp: 775821

Ion Ratio Lower Upper

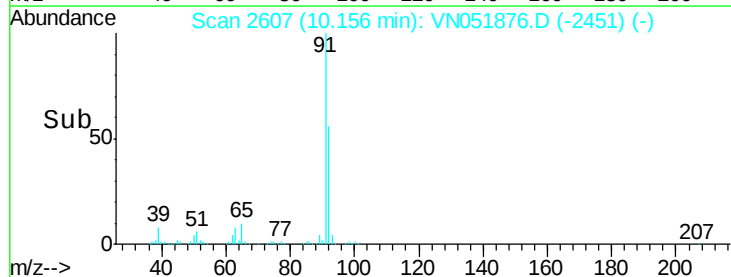
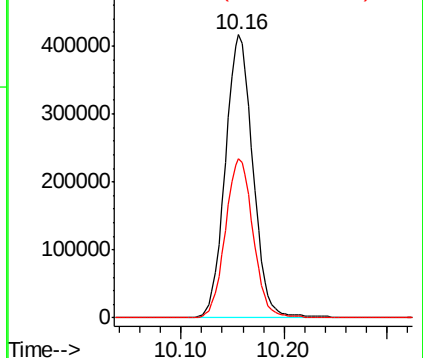
91 100

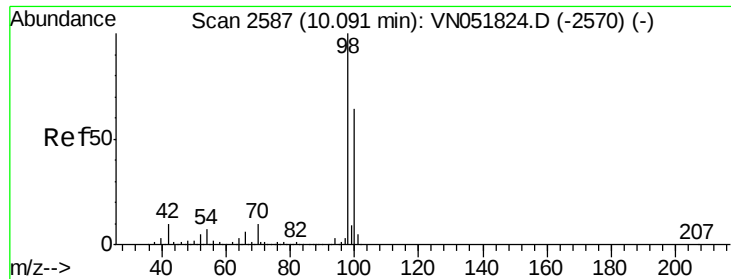
92 56.6 44.6 66.8



Abundance Ion 91.00 (90.70 to 91.70): VN051824.D (-2592) (-)

Ion 92.00 (91.70 to 92.70): VN051824.D (-2592) (-)





#63

Toluene-d8

Concen: 27.14 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051876.D

Acq: 15 Oct 2018 16:00

Instrument :

MSVOA_N

ClientSampleId :

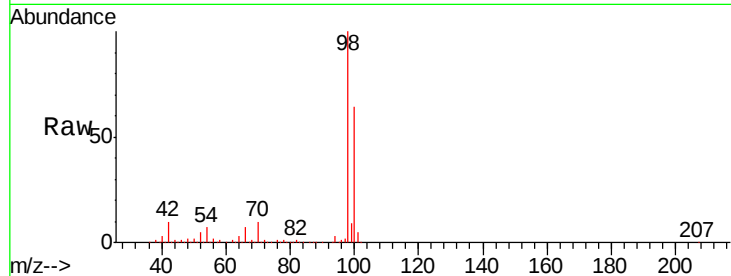
002M-35TH-AVE-AUGDL

Tgt Ion: 98 Resp: 792174

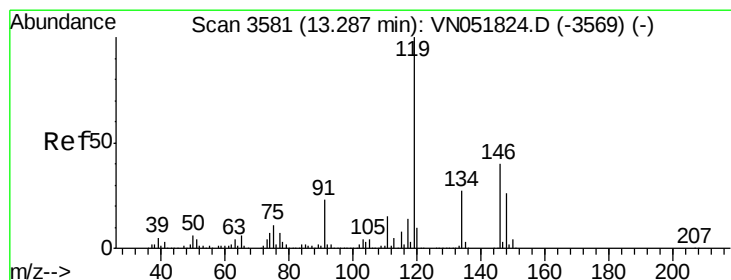
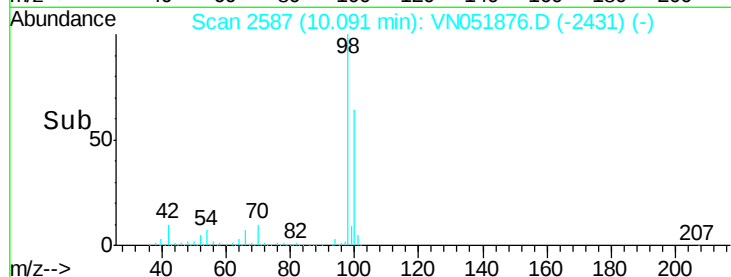
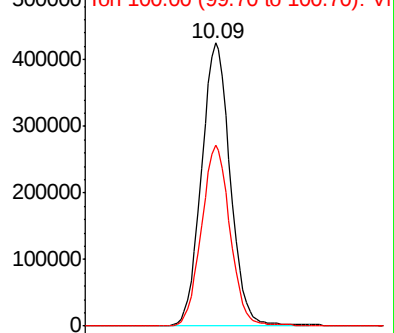
Ion Ratio Lower Upper

98 100

100 63.1 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN051824.D (-2570) (-)



#82

p-Isopropyltoluene

Concen: 0.56 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051876.D

Acq: 15 Oct 2018 16:00

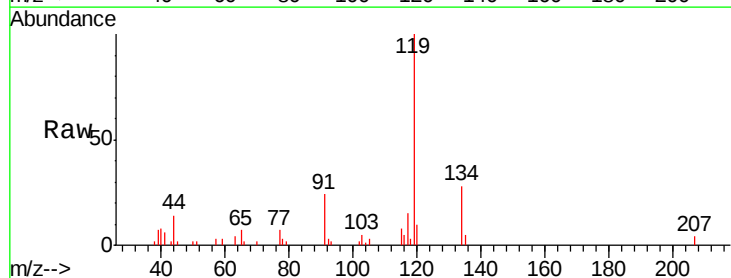
Tgt Ion: 119 Resp: 16826

Ion Ratio Lower Upper

119 100

134 28.5 0.0 53.6

91 27.7 0.0 52.0



Abundance Ion 119.00 (118.70 to 119.70): VN051824.D (-3569) (-)

Ion 134.00 (133.70 to 134.70): VN051824.D (-3569) (-)

Ion 91.00 (90.70 to 91.70): VN051824.D (-3569) (-)

