

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031120\
 Data File : VN060449.D
 Acq On : 11 Mar 2020 14:49
 Operator : JC/MD
 Sample : L1859-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8-SA

Quant Time: Mar 12 04:20:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

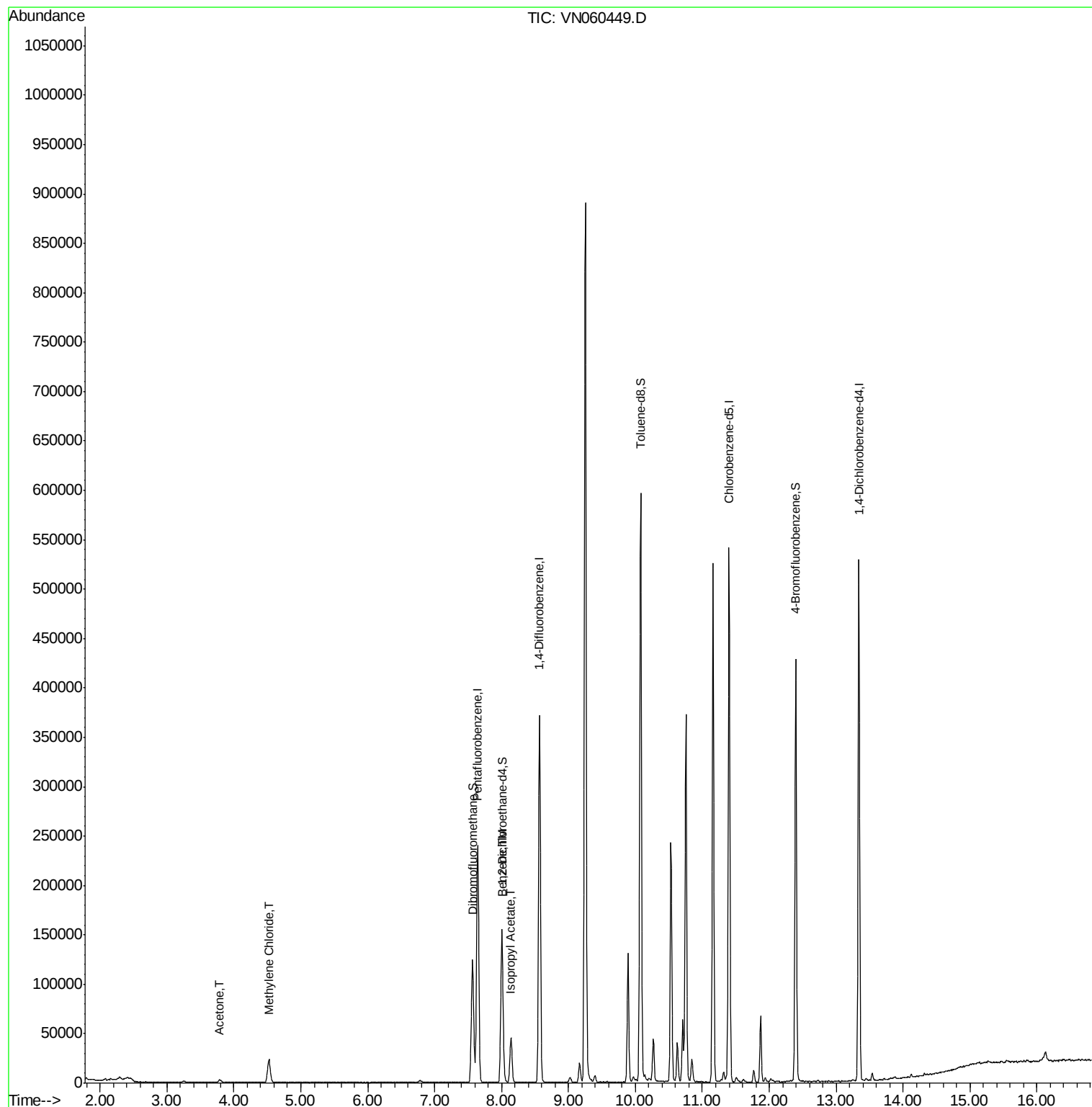
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	197804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	326152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	302822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138208	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	127756	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
35) Dibromofluoromethane	7.57	113	95213	62.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.78%	
50) Toluene-d8	10.08	98	403709	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
62) 4-Bromofluorobenzene	12.40	95	147811	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
Target Compounds						
16) Acetone	3.79	43	5726	6.987	ug/l	92
20) Methylene Chloride	4.53	84	17405	7.733	ug/l	97
40) Benzene	8.02	78	12724	1.406	ug/l	99
43) Isopropyl Acetate	8.14	43	54619	10.600	ug/l #	91

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

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QLast Update : Thu Feb 27 13:52:50 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060449.D

Acq: 11 Mar 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

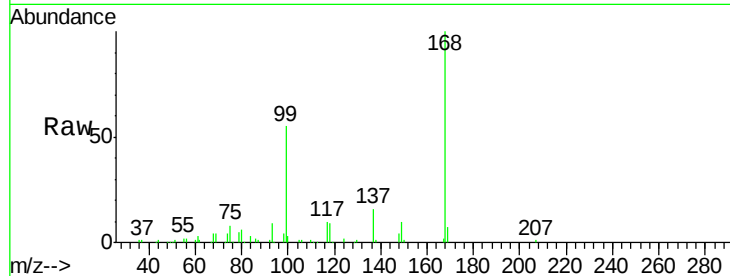
TP-8-SA

Tot Ion:168 Resp: 197804

Ion Ratio Lower Upper

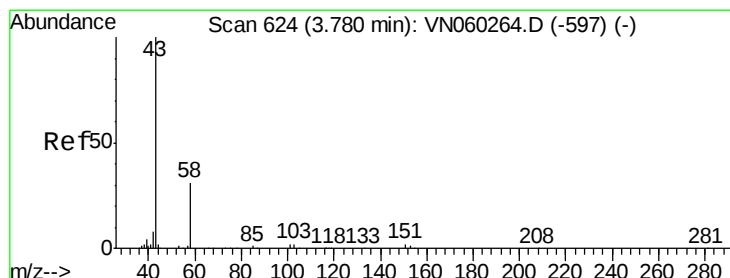
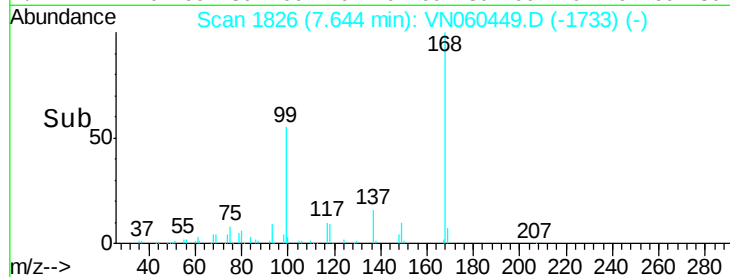
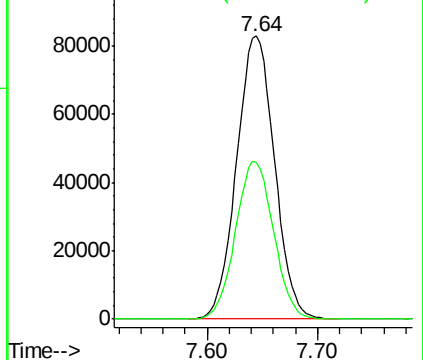
168 100

99 55.3 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 6.987 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060449.D

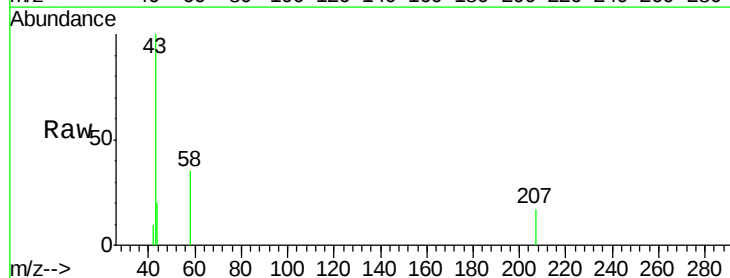
Acq: 11 Mar 2020 14:49

Tgt Ion: 43 Resp: 5726

Ion Ratio Lower Upper

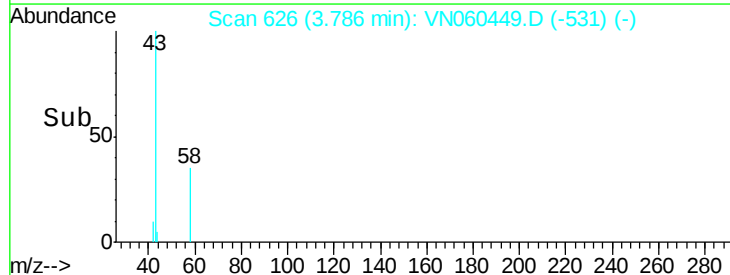
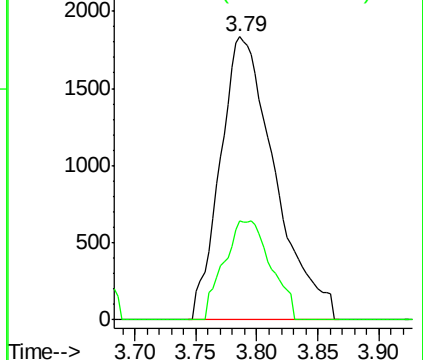
43 100

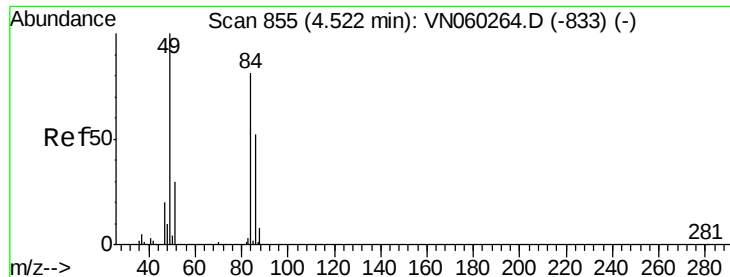
58 35.0 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

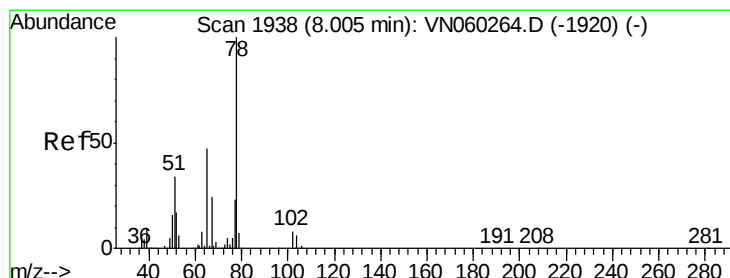
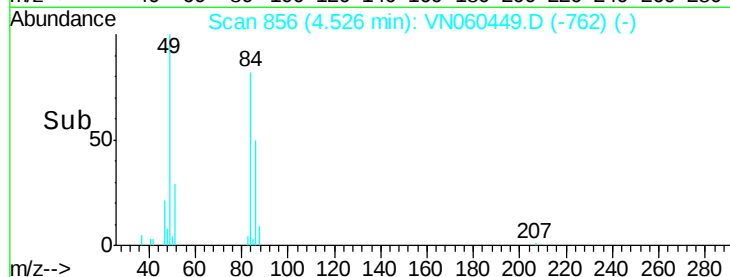
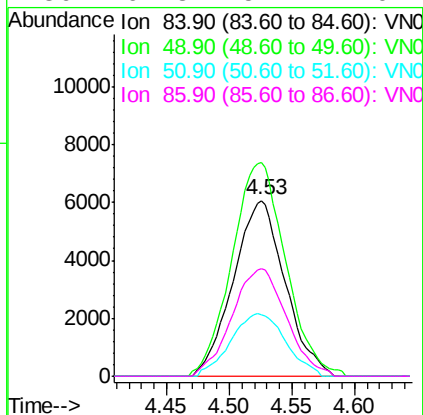
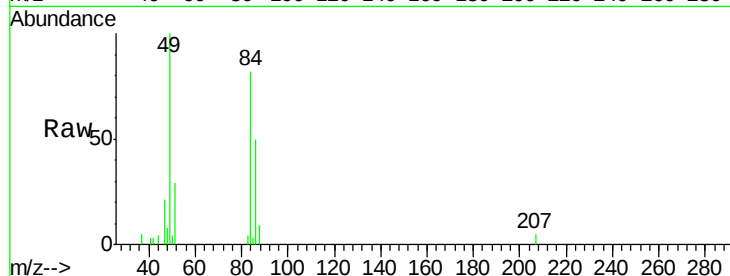




#20
Methylene Chloride
Concen: 7.733 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060449.D
Acq: 11 Mar 2020 14:49

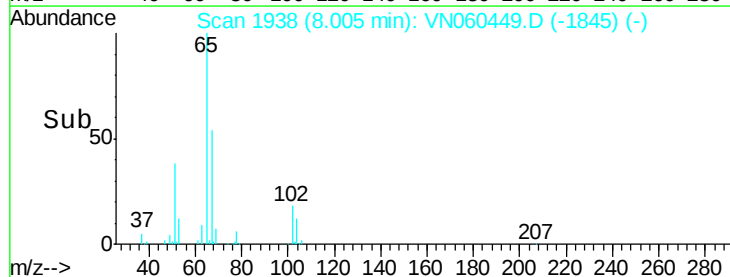
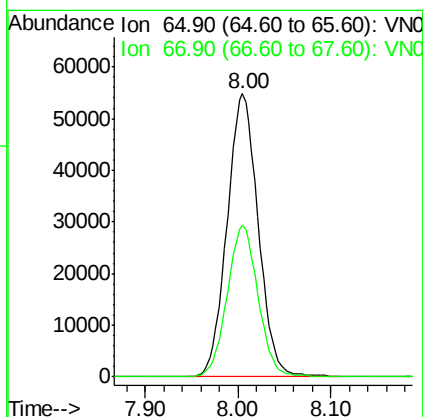
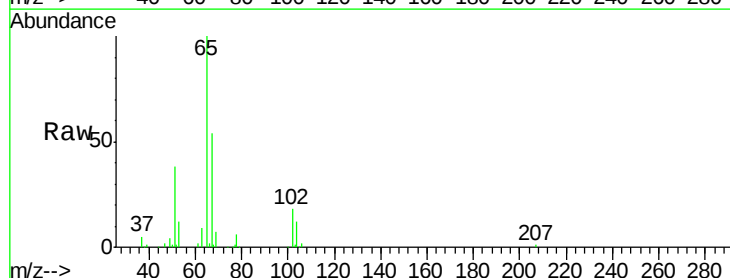
Instrument :
MSVOA_N
ClientSampled :
TP-8-SA

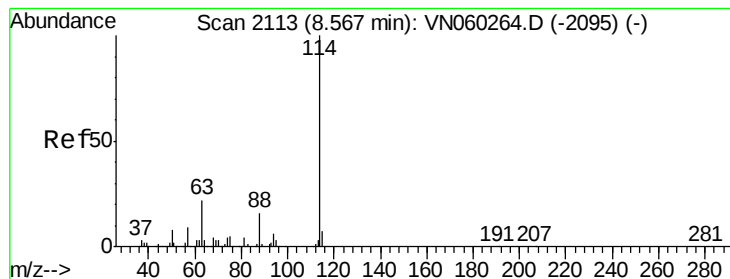
Tot Ion:	84	Resp:	17405
Ion	Ratio	Lower	Upper
84	100		
49	121.6	99.3	148.9
51	35.0	30.1	45.1
86	61.3	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.340 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060449.D
Acq: 11 Mar 2020 14:49

Tgt Ion:	65	Resp:	127756
Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060449.D

Acq: 11 Mar 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

TP-8-SA

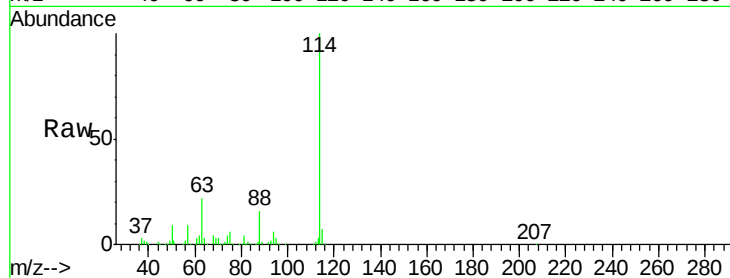
Tot Ion:114 Resp: 326152

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

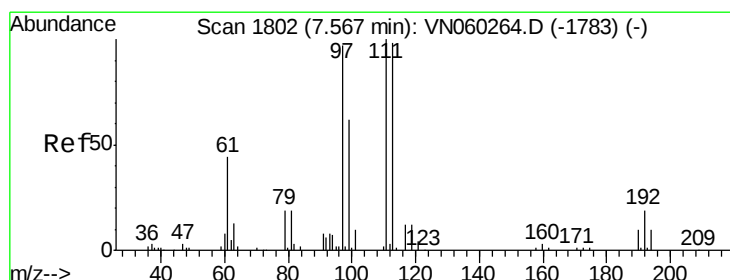
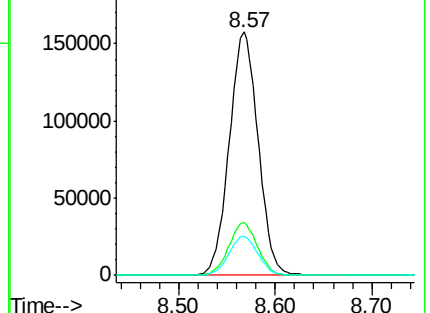
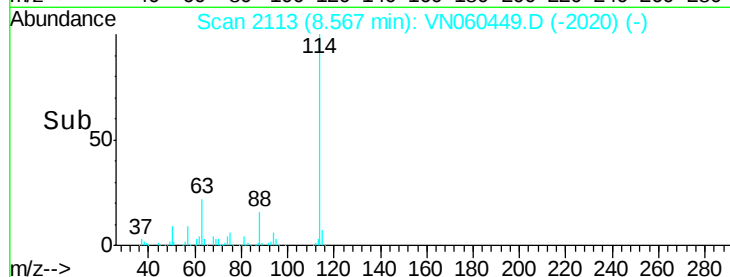
88 16.2 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 62.893 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN060449.D

Acq: 11 Mar 2020 14:49

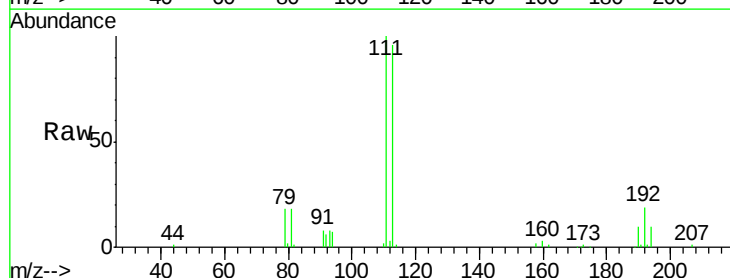
Tgt Ion:113 Resp: 95213

Ion Ratio Lower Upper

113 100

111 104.3 82.4 123.6

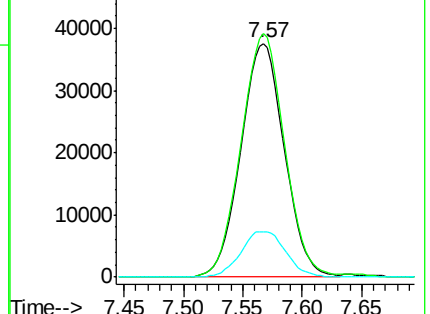
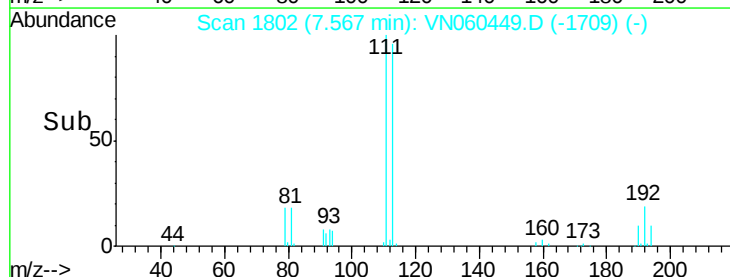
192 20.0 16.2 24.2

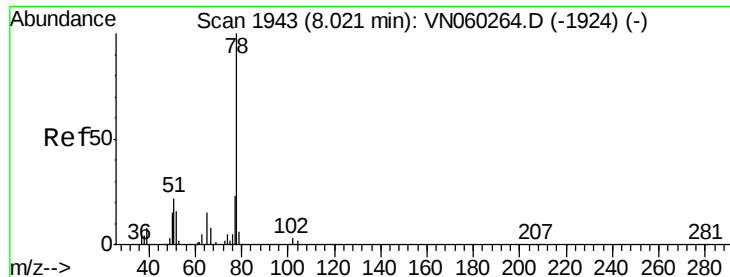


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.406 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN060449.D

Acq: 11 Mar 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

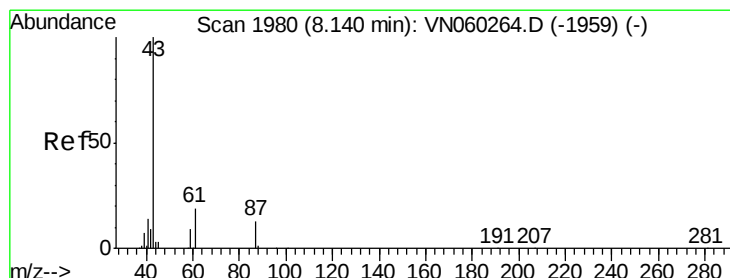
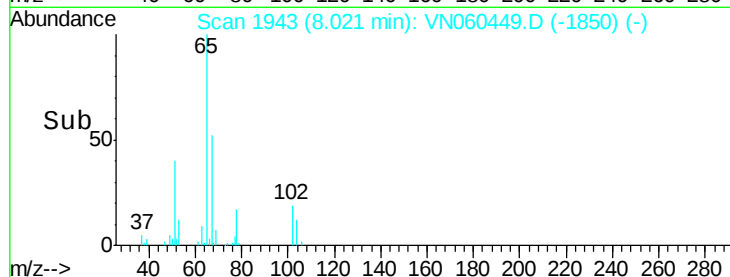
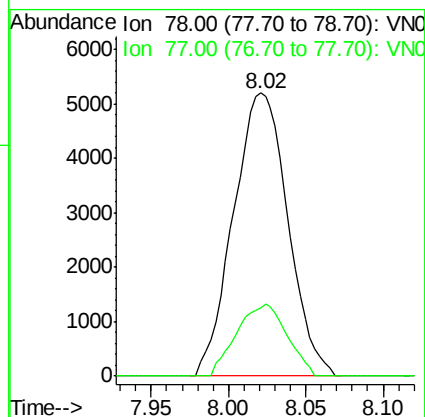
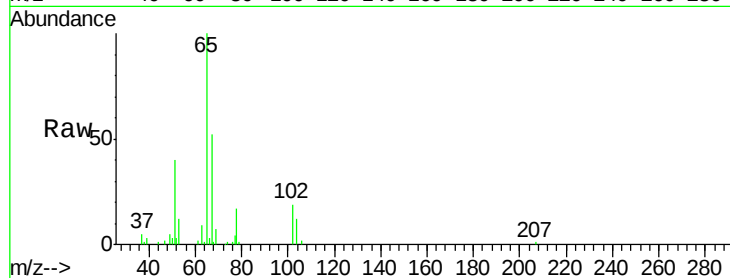
TP-8-SA

Tot Ion: 78 Resp: 12724

Ion Ratio Lower Upper

78 100

77 24.2 18.8 28.2



#43

Isopropyl Acetate

Concen: 10.600 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060449.D

Acq: 11 Mar 2020 14:49

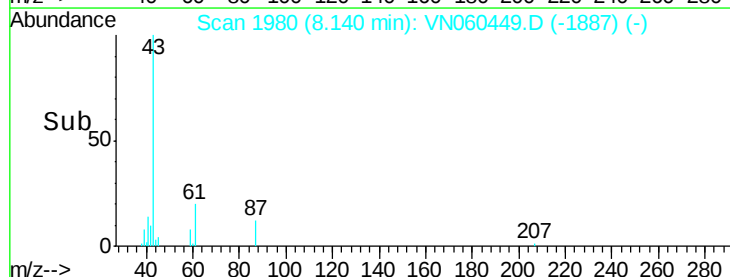
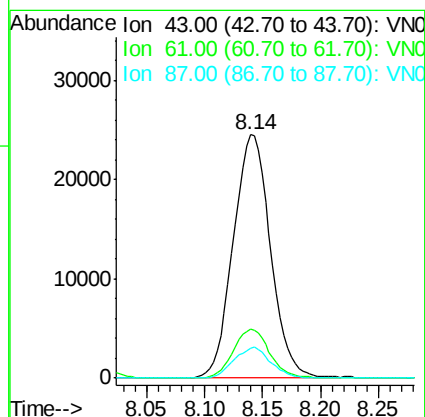
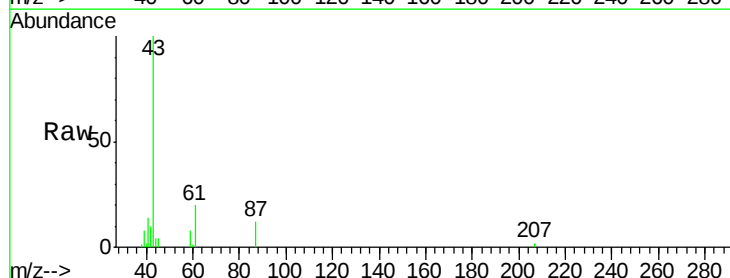
Tgt Ion: 43 Resp: 54619

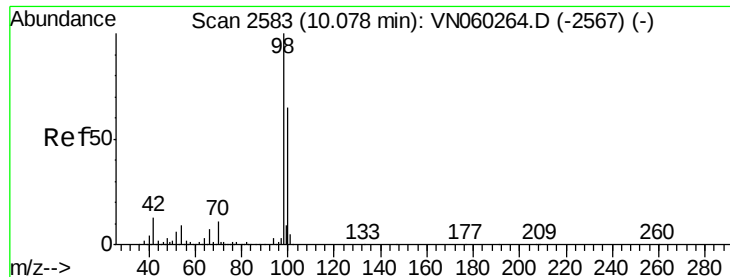
Ion Ratio Lower Upper

43 100

61 19.5 20.9 31.3#

87 12.3 10.6 16.0





#50

Toluene-d8

Concen: 52.690 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060449.D

Acq: 11 Mar 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

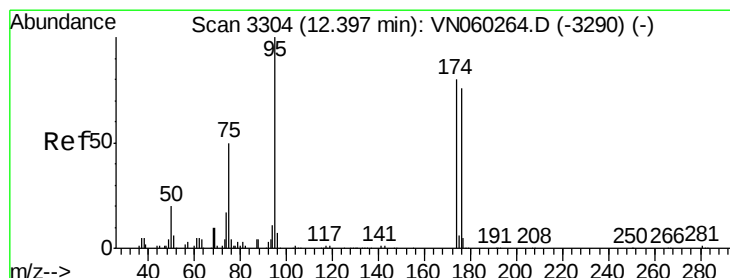
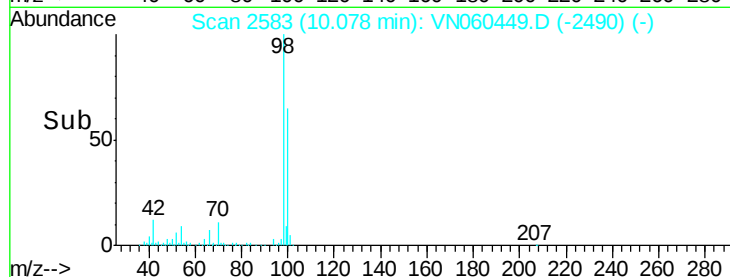
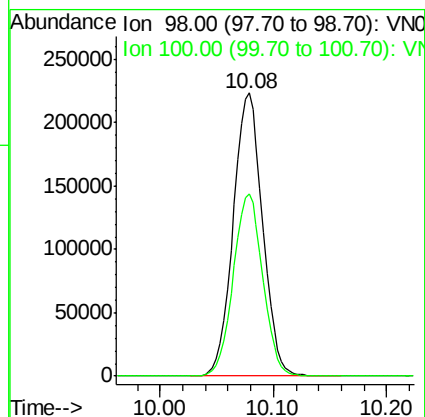
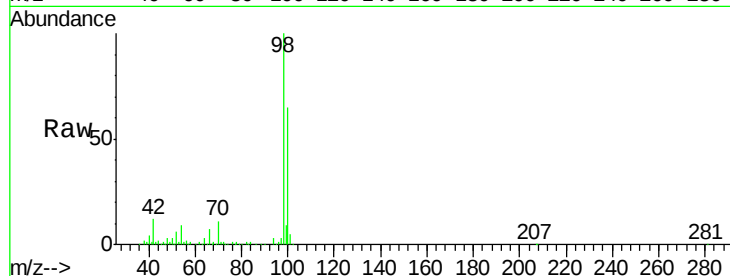
TP-8-SA

Tot Ion: 98 Resp: 403709

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 50.891 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060449.D

Acq: 11 Mar 2020 14:49

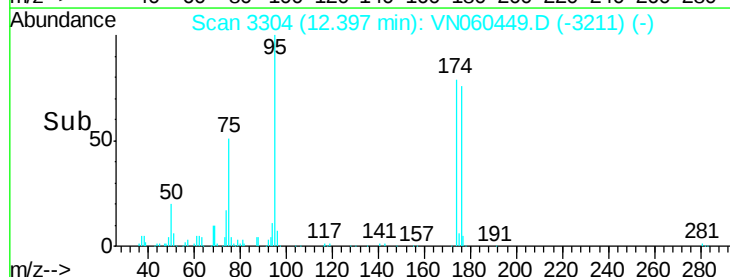
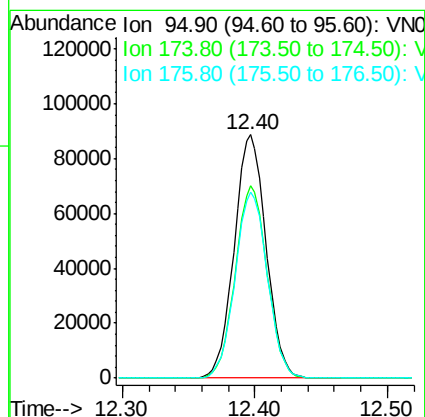
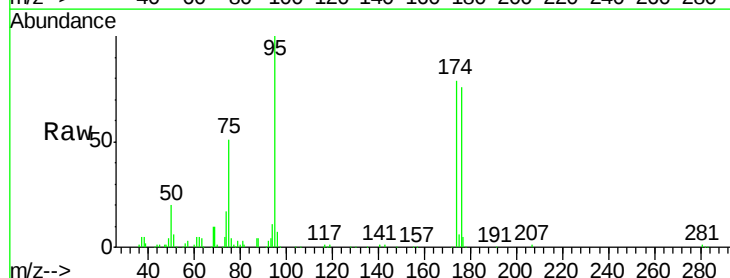
Tgt Ion: 95 Resp: 147811

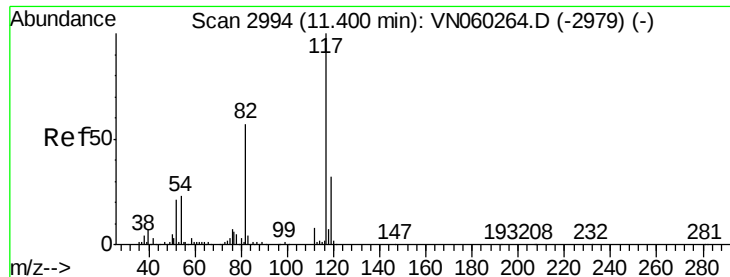
Ion Ratio Lower Upper

95 100

174 79.2 0.0 159.2

176 77.2 0.0 153.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060449.D

Acq: 11 Mar 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

TP-8-SA

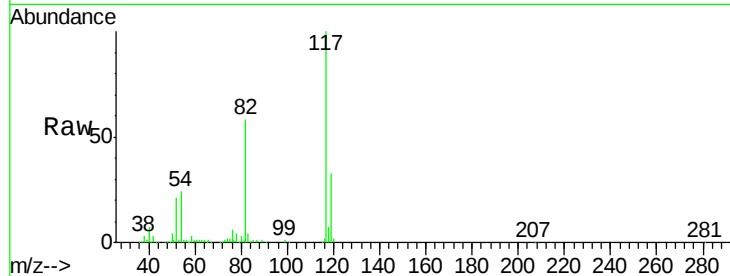
Tot Ion:117 Resp: 302822

Ion Ratio Lower Upper

117 100

82 58.2 45.8 68.6

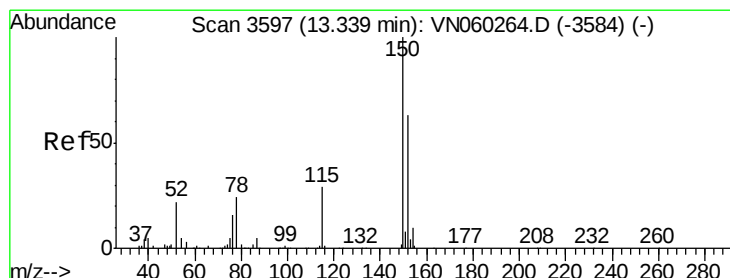
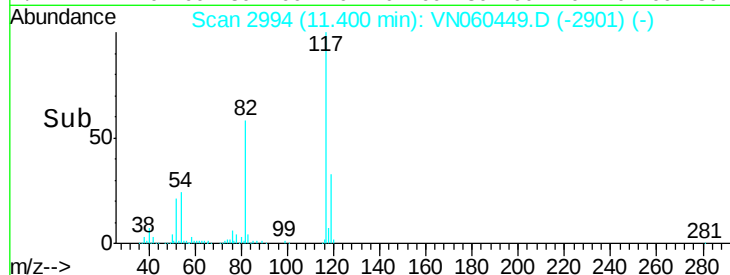
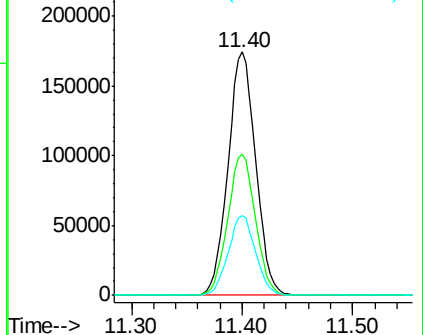
119 32.8 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060449.D

Acq: 11 Mar 2020 14:49

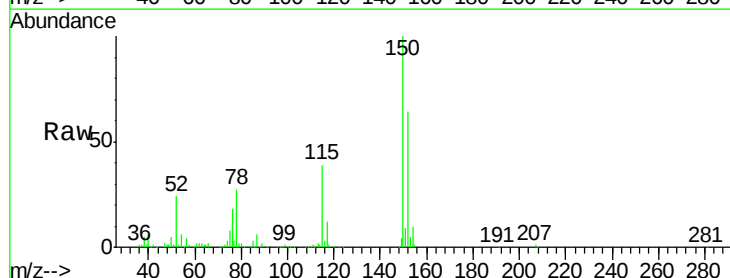
Tgt Ion:152 Resp: 138208

Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 158.0 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

